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

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F.B. 2984 Pg.

Page	Job	Description
		SKYLINE DR. J.N. 0074.33
5-7	Index	
9-80	Cont	P-line survey of Skyline Dr. fr. Fullerton Rd. E'ly to Pathfinder Rd.
81-143	B.M.	Bench levels.
147-150	Cont.	Additional P-line.
151-2[illegible]4	Elev.	Traverse stations & photo control points Skyline
235-236	Cont.	Control point to check topog. map sheet 12 Pathfinder Rd.
		PATHFINDER ROAD 0074.45
237-239	Index	
240-249	Cont.	Photo Control for Pathfinder Rd.

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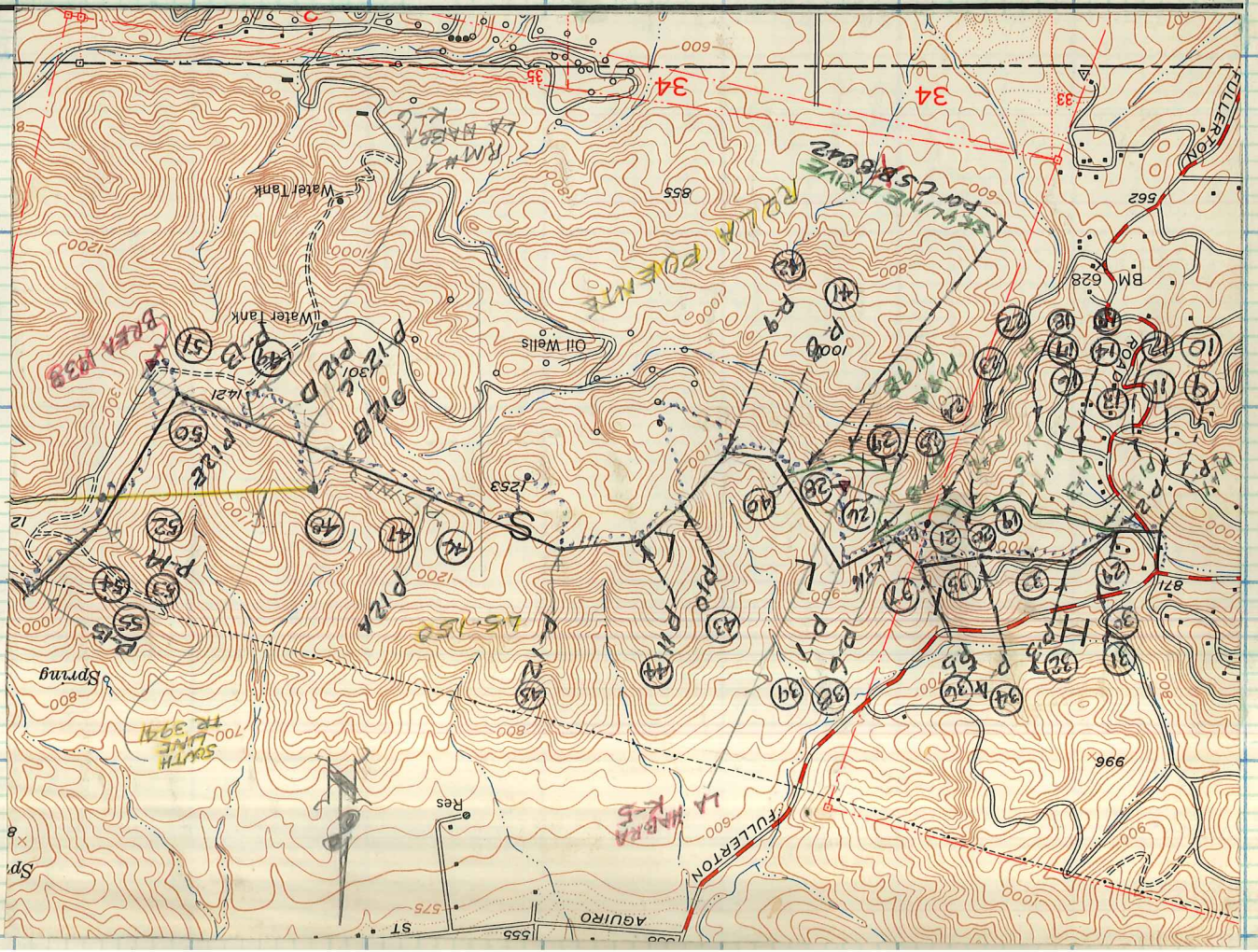

F. B. 2994 PG. 16

Notes Ck'd by	Survey of SKYLINE DRIVE
Map No.	JN 0074 33 Tape Std 84 °F
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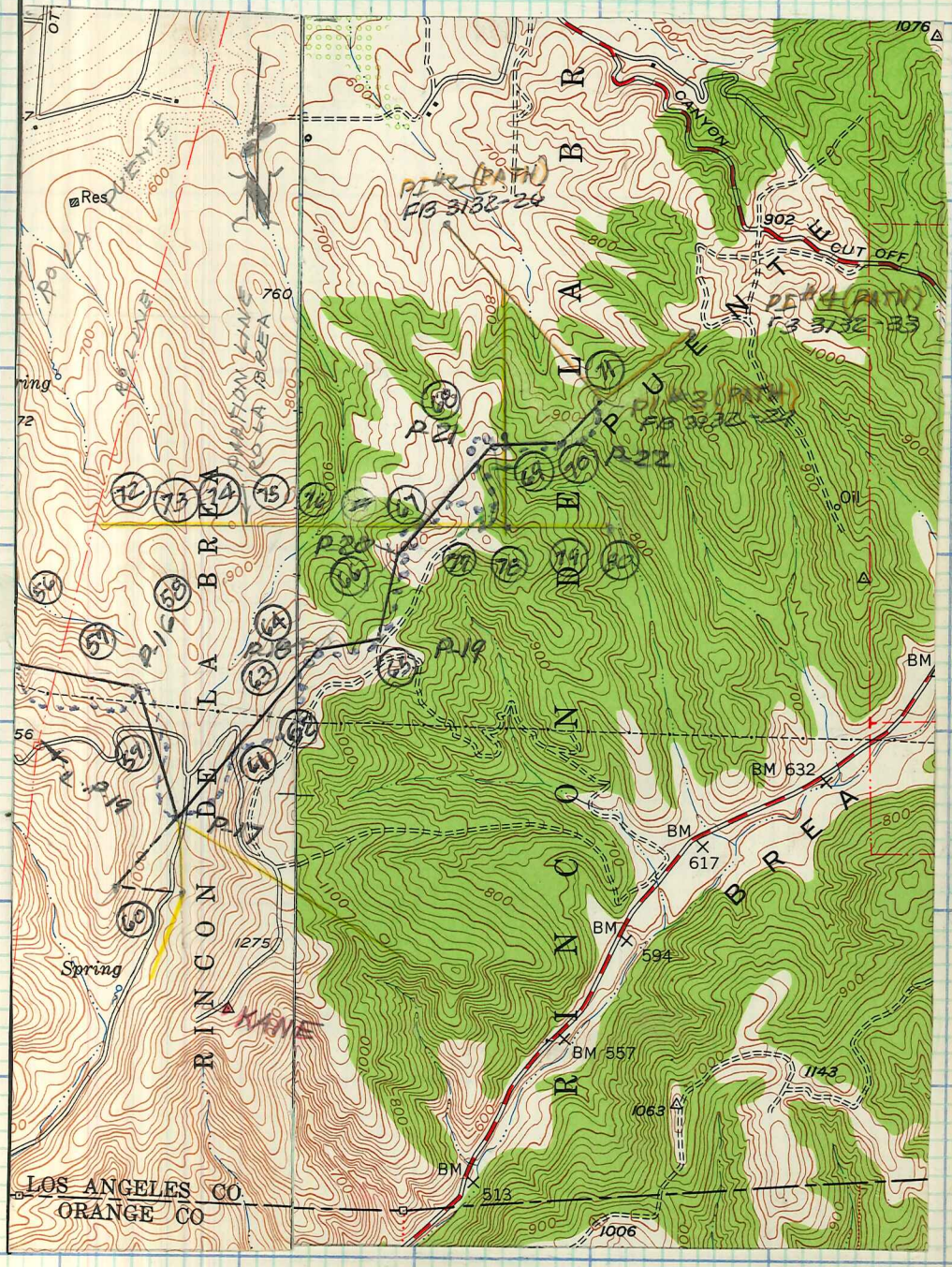
F. B. 2984 PG. 7



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76F309S CE #310 6-62

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Map No.	JN 007433 Tape 121 Std 84 °F	
Office Work	Surveyed by J H Brown	
Checked	Notes J. H. B. Date 9-11-62	
Date	Indexed C. J. GALLI	

CONT FB 2932 PAGE 179 & 180

0+00 going south
Fd Bt spk WASH. & tin per FB 2932-180

TR 9594

EAST ROAD

SKYLINE DR.

FULLERTON RD

FB 2352-20 & 21

10.29

45.68

Set ~~punch mark~~ Nail on line @ 90° to 2X2

118.65

45.68 Lev (T=68) = 45.68

88.12 Lev (T=68) = 88.11

30.54 Lev (T=78) = 30.54

118.65

Fd new 2X2 & nail dn 12" no ref guard stake labeled "℄ Prod 46.84"

Fd nothing BC per FB 254-78

38.66 Lev (T=78) = 38.66

Lot 9 Division 108 Region 45 O.M 2-3

Set 1X2 & nail on line @ 90° opposite 1½" I.P.

38.66

Fd old 1½" I.P. & wood plug flush ref not known. See O.M 2-3 & O.M 1-13

(40) (40)

LA HABRA HEIGHTS TRACT LOT 79

56.89 Lev (T=78) = 56.89

81.15 (T=78) @ 6°04' = 80.70

80.98 (T=78) @ 4°42' = 80.71

Avg = 80.70

40.67 (T=78) @ 12°01' = 39.78

C.S. 8842-4

56.89 LINE

Set 1X2 & nail on line @ 90° opposite 1½" I.P.

Fd nothing

39.78

BC per FB 254-S

Fd 1½" I.P. wood plug & nail flush REF NOT KNOWN SEE O.M. 2-3 & O.M. 1-13

2+66.53
Fd RD DEPT MON DN 10" per FB 2932-180

228.34 (FB 2932-180)

FULLERTON RD

SKYLINE DR

CONT PAGE 10

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76F3098 CE # 310 3-61

F.B. 2984 PG 10 CONT. PAGE 9

Δ = 91° 44' 00"
R = 300
T = 309.22
L = 480.31
REF. C.S. 8842-4

Fd ct. spk & wash. flush
NO REF.

0.07

108.01 (T=84)
@ 7°54' = 106.98

Fd nothing
dug 18" per
FB 440-67

Set 1x2 & nail
flush. 12.005
from 3/4 I.P. on
"P" LINE Northly

Fd 3/4" I.P. cem
plug & nail flush
per RD. DEPT.
FT 38-20 & FB
2932-180
P-1 (set 2' guard pipe
479481 5' wly)

Not in this survey.
See FB 440-66 & 67
FT 38-20

LA HABRA HEIGHTS TRACT
Lot 78

174.45 Lev (T=84) = 174.45
135.28 (T=84) @ 7°12' = 134.19
308.64

174.45 (T=84) Lev = 174.45
119.99 (T=84) @ 7°40' = 118.92
15.28 (T=84) Lev = 15.28
308.65 Avg = 308.645

308.645
0.365
309.01

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45386-5

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Date	Indexed C. J. GALLI	

WS 38, C-5

DIV. 108 REGION 45 O.M. 2-3

LOT 10

27.50 (T=84) Lev = 27.50

"P" LINE see pg 29

Fd nothing (see O.M 2-3)

Fd 1½" I.P. wood plug & nail. Dn 6" NO REF.

RESERVED for ROAD see O.M 2-3

LOT 11

Fd nothing

PAGE 10

0.14

308.64

27.50

172.44

12.00

12' offset

LINE

"P" LINE

120.88 pg 29

90°

309.01

SKYLINE DR (PROPOSED)

CONT PAGE 12

C.S. 8842-4

set 1x2 & nail on 12' offset flush

Fd 1½" I.P. wood plug & cup tk. dn 6" NO REF. (APPROX EC (6+78.33) per FB 254-5) (see O.M 2-3)

CONT

P-2 see pg 29 8+55.44

Fd nothing (Approx BC 7+95.13 FB 254-6)

LOT 5

172.43 (T=84) Lev = 172.43 } Avg = 172.44
172.44 (T=84) Lev = 172.44

54.85 (T=84) @ 18°21' = 52.06

DIV. 108 REGION 45 O.M. 2-10

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76F3095 CE # 310 3-61

F.B. 2984 PG. 12 O.M. 2-3 DIV. 108 REGION 45

LOT 11

27.55 Lev (T=84) = 27.55✓

30.05 Lev (T=80) = 30.05✓

27.55 Lev (T=84) = 27.55✓

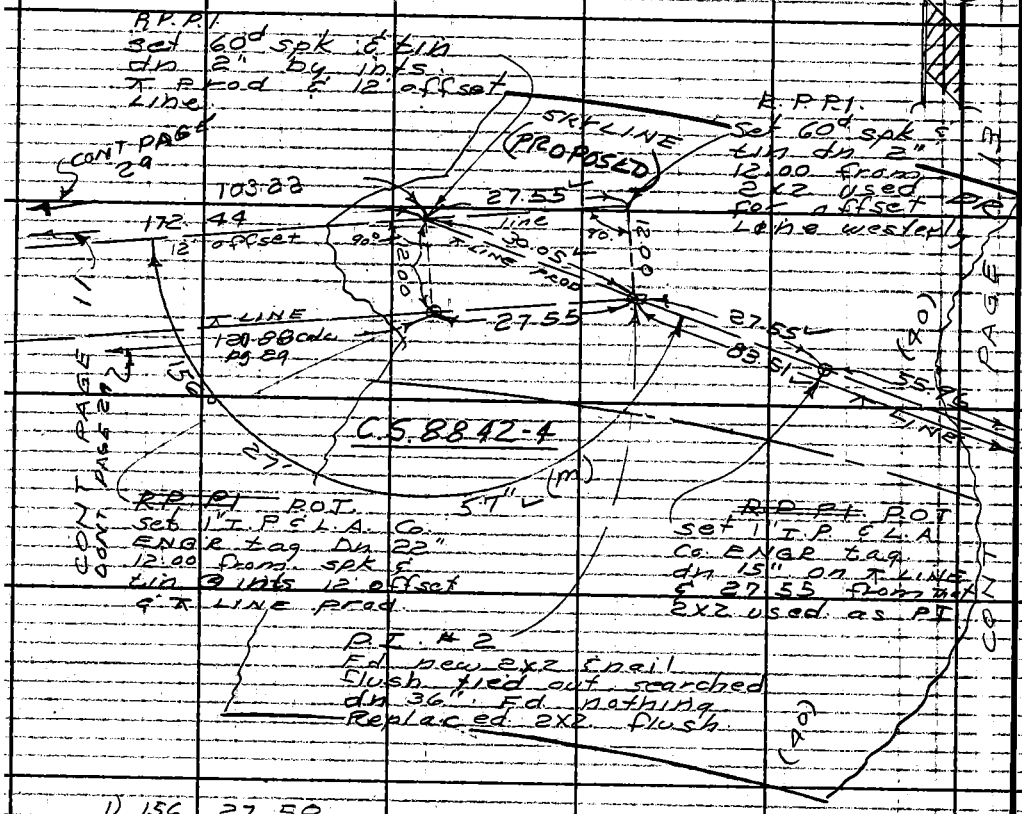
C.S. 8842-4

Δ = 23° 35' 30"

R = 400

T = 83.53

L = 164.70



1) 156 27.50
4) 265 51.40
6) 218 47.40
Avg = 156 27.56 2/3 ✓

27.55 Lev T=60 = 27.55✓
55.97 Lev T=60 = 55.96✓
83.51✓
83.52 Lev T=60 = 83.51✓ Avg = 83.51✓

LOT 5 O.M. 2-10

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JN 00743 Tape 121 Std 84 °F
Surveyed by J.H. Brown
Notes J.H.B. Date 9-14-62
Indexed C. J. GALLI

F. B. 2984 PG. 73

DIV. 86
REGION 45
O.M 2-3

LOT 11

40.30 (T=62) @ 5° 33' = 40.10

42.53 (T=68) @ 19° 30' = 40.09

Fd. 1/2" I.P. wood plug, no nail. Dn. 6" set nail in ctr.

Fd new 2x2 & nail flush on line. NO REF.

SKYLINE DR. (PROPOSED)

℄ LINE

146.67

C.S. 8842-4

Fd 1/2" I.P wood plug set small nail in ctr. Dn. 6" NO REF.

Fd 3/4" I.P cem plug & tag ± RCE 8244 flush Dn. 6" NO REF.

Fd 1/2" I.P wood plug no nail Dn. 6" set nail in ctr. NO REF.

set nail on line

Fd 1/2" I.P wood plug & cup tk. dn. 6" NO REF.

LOT 4

CONT. PAGE

41.69 (T=60) @ 16° 41' = 39.93

146.97 (T=64) @ 3° 27' = 146.68
146.99 (T=64) @ 3° 02' = 146.66

41.80 (T=64) @ 17° 17' = 39.90

41.72 (T=64) @ 16° 56' = 39.90

161.08 (T=72) Lcu = 161.07
0.89 (T=72) Lcu = 0.89
76.36 (T=72) @ 2° 30' = 76.28
238.24

161.97 (T=72) Lcu = 161.96
76.33 (T=72) @ 1° 52' = 76.28
238.24

Avg = 238.24

DIV. 108 REGION 45 O.M. 2-10

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76F3095 CE # 310 3-61

F. B. 2984 Pg. 14

O.M. 23 DIVISION 86 REGION 45

LOT 11

C.S. 8842-4

Δ = 22° 27' 00"

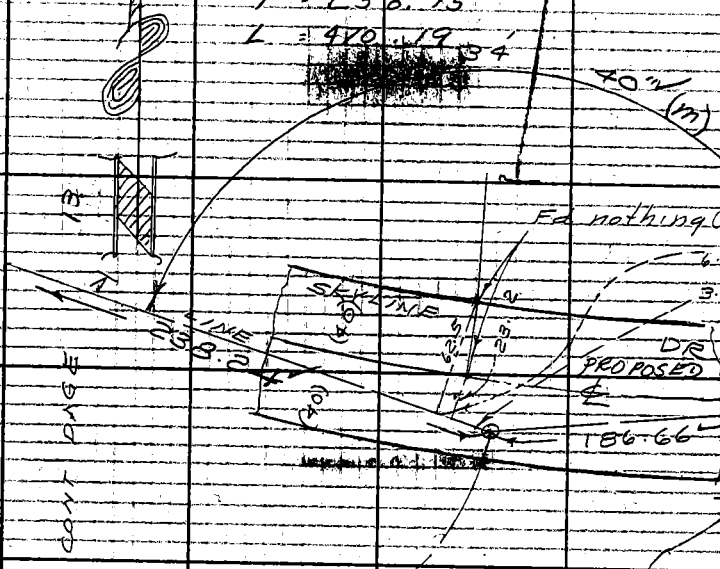
R = 1200

T = 238.15

L = 470.19

1) 15.7	34	30
4) 27.0	18	40
6) 22.5	28	00
Avg 15.7	34	40

LOT 13



PI N° 3
Fd 2X2 & nail dn 15"
Replaced with 1" I.P.
& ENGR tag dn 15"
used for I.D.e
F.B. 254-7

POT
Fd. notted 2X2.
no nail Dn 15.
(POST N° 3-8 ER
254-7) Replaced
with 1" I.P. & L.S.
Co. ENGR tag
Dn 1.5" on Line

189.11 (T=7%) @ 9°13 = 186.66
189.23 (T=7%) @ 9°26 = 186.66 Avg = 186.66

LOT 4

DIVISION 108 REGION 45 O.M. 7-10

N 38 E

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JN 00743 Tape 121 Std 84 °F
Surveyed by J.H. Brown
Notes F.B. 14-B Date Sept 62
Indexed C. J. GALLI

F. B. 2984 Pg. 15

LOT 13
OM 2-3

OFFICIAL MAPS OF COUNTY OF LOS ANGELES DIVISION 86
REGION 45

51.61 (T=78) Lev = 51.61 ✓
51.62 (T=78) Lev = 51.62 ✓ } 51.61 ✓

73.63 (T=78) Lev = 73.63 ✓
73.62 (T=78) Lev = 73.62 ✓ } 73.62 ✓

35.14 (T=78) Lev = 35.14 ✓
59.54 (T=78) Lev = 59.54 ✓
12.66 (T=78) Lev = 12.66 ✓
107.34 ✓
107.33 (T=78) Lev = 107.33 ✓ } 107.34 ✓

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PAGE 14

Fd 1½ I.P. wood plug & cup tk. Dn 12" No Ref
40.87 (T=78) @ 12° 58' = 39.83

Set 1X2 & nail Push. on line

Fd nothing

Set spk & tin dn 3" on Line

39.83 ✓

SKYLINE DR
PROPOSED
73.62 ✓
PROP. ℄

35.14 ✓
59.54 ✓
90°
107.34 ✓

51.61 ✓
90°
39.94 ✓

C.S. 8872-4

40.15 ✓

45.34 ✓

(40)
(40)

CONT

CONT

Fd 1½" I.P. wood plug & nail, Dn 8" No Ref

Fd broken remains of 1X2, Dn 12" No Ref
(see Cor in lot 4 shown O.M. 2-10 as S 13°44' 33" W 40' from E'ly cor Lot 4)

42.08 (T=74) @ 18° 22' = 39.94 ✓

48.67 (T=86) @ 21° 19' = 45.34 ✓

42.92 (T=80) @ 20° 42' = 40.15 ✓

LOT 4

DIVISION 86 REGION 45
OM 2-10 / OM 2-9

LOT 3

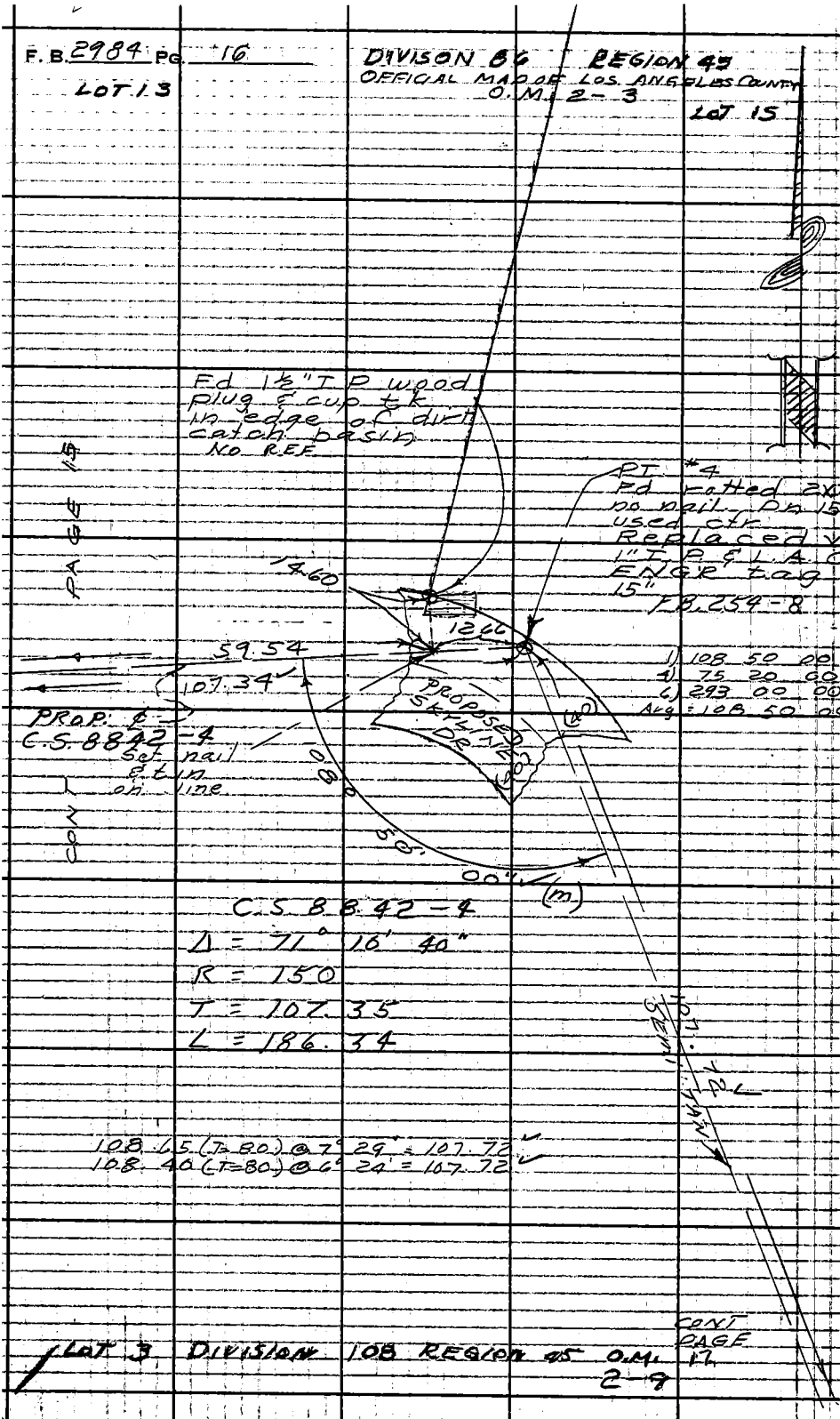
76F3095 CE # 310 3-61

F.B. 2984 PG. 16

LOT 13

DIVISON 86 REGION 45
OFFICIAL MAP OF LOS ANGELES COUNTY
O.M. 2-3

LOT 15



LOT 3 DIVISION 108 REGION 45 O.M. 2-9

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Map No.	JN 007433 Tape 121 Std 84 °F	LOT 15
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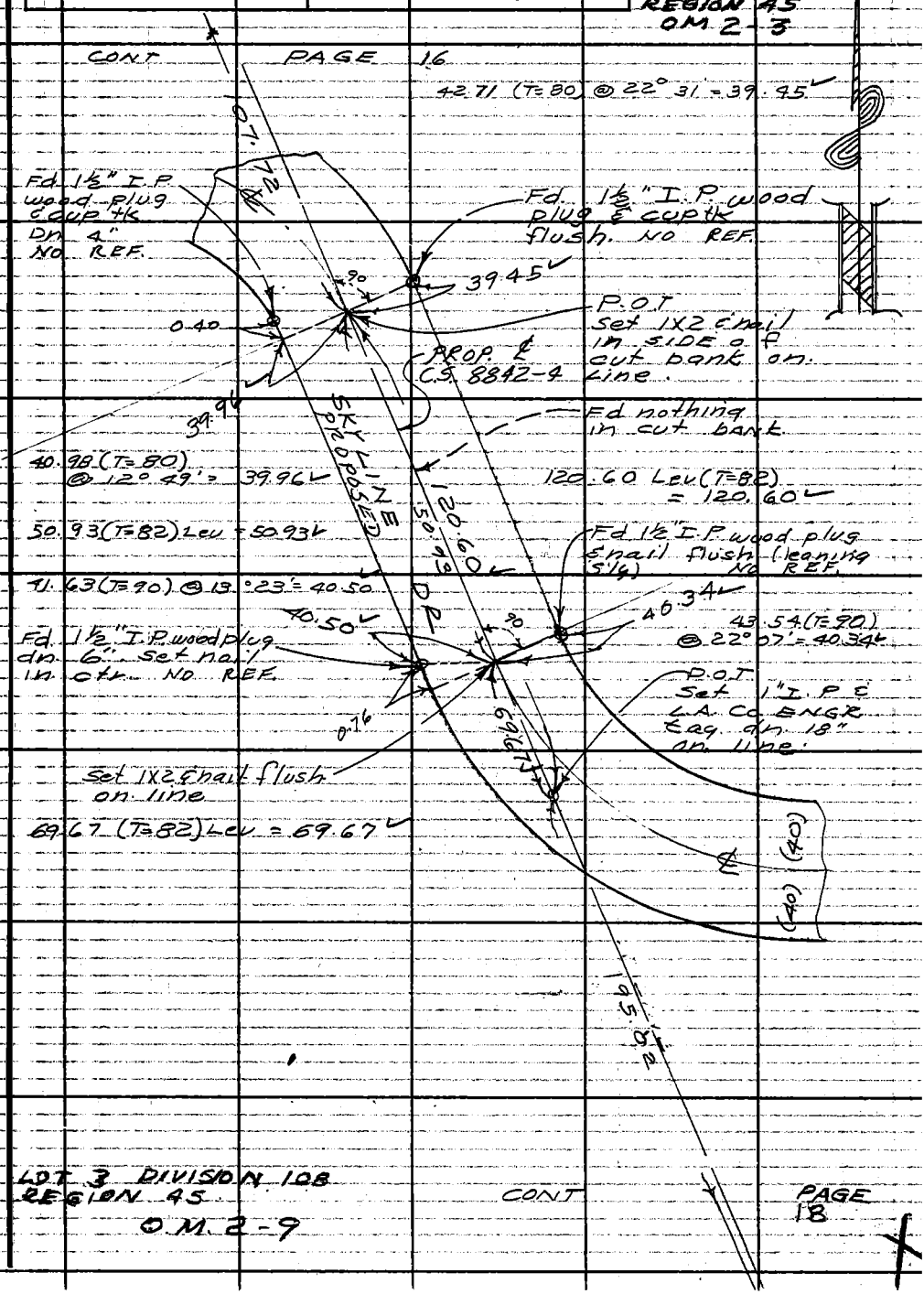
Date	Indexed C. J. GALLI	REGION 45
		OM 2-3

CONT PAGE 16



LOT 3 DIVISION 108
REGION 45
OM 2-9
CONT PAGE 18

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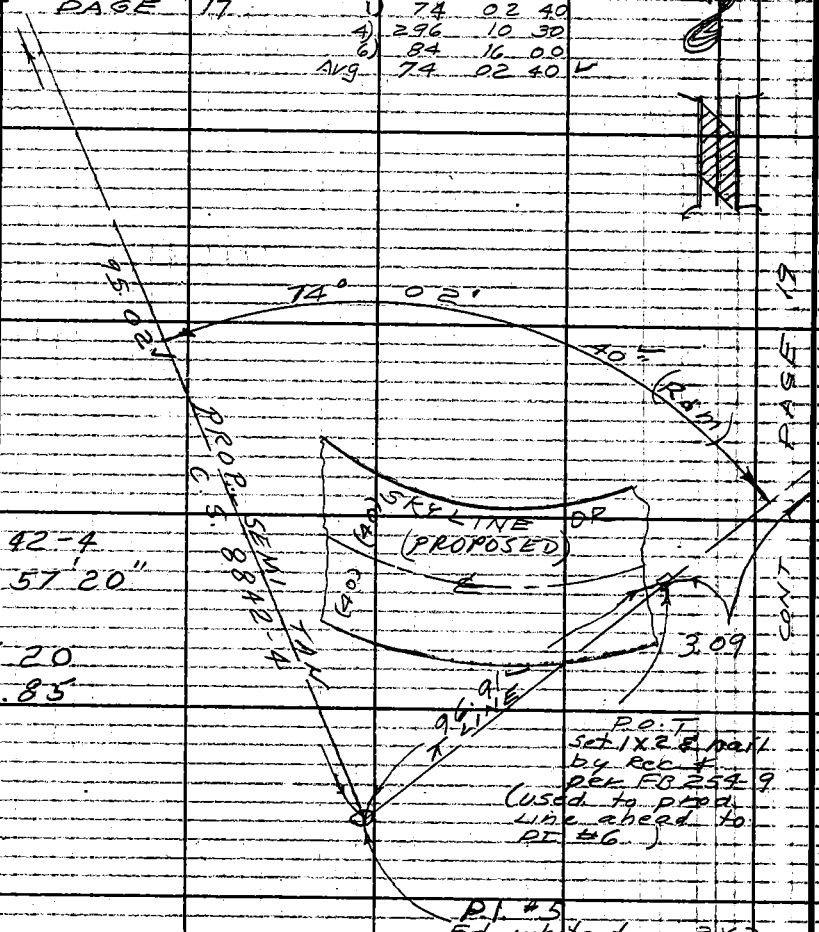
F. B. 2984 PG. 18

LOT 13 DIVISION 86 REGION 45
OFFICIAL MAP O.M. 2-3

(Tape kept on same V.A. with TRANSIT)
102.41 + 93.80 = 196.21 ✓
103.17 + 93.04 = 196.21 ✓ Avg = 196.21 ✓ (T=76) @ 6°18
= 195.02 ✓

CONT PAGE 17

1)	74	02	40
4)	296	10	30
6)	84	16	00
Avg	74	02	40 ✓



C.S. 8842-4
Δ = 105° 57' 20"
R = 200
T = 265.20
L = 369.85

P.O.T.
Set 1X2 & nail
by Rec. ✓
per FB 254-9
(used to prod.
Line ahead to
PI #6.)

P.I. #5
Fd. white top 2X2
& nail (rotted) Dn.
12" Replaced with
1" I.P. & L.A. CO. ENG'R
tag Dn. 12. Used
for Line.
FB. 254-9

99.23 (T=76) @ 12°24' = 96.91
99.48 (T=76) @ 13°02' = 96.91 } 96.91 L

LOT 3 DIVISION 108 REGION 45 O.M. 2-9

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Map. No.	JN 0074.33 Tape 121 Std 84 °F	LOT 16
Office Work	Surveyed by J. H. Brown	DIVISION 86
Checked	Notes J H B Date 9-62	REGION 45
Date	Indexed C. J. GALLI	O.M. (2-3)

W.S. 38, C-5

CONT PAGE 20

Fd. 1½" I.P. wood plug. & cup tk. Dn 12" NO REF.

162.44 (T=94) @ 4° 36' = 161.93
5.73 (T=94) Lev = 5.73
167.66

165.29 (T=94) @ 4°44' = 164.74
2.90 (T=94) Lev = 2.90
167.64

Avg = 167.65

39.62

167.65

39.93 (T=96) @ 7°11' = 39.62

Set 1x2 & nail on line

(40)

(40)

40.30

0.14

Fd 1½" I.P. dirt plug. Dn 6" Set nail in ctk. NO REF.

SKYLINE DR (PROPOSED) LINE 186.68

Fd. 1½" I.P. wood plug & cup. Tk. flush NO REF.

39.80 (T=94) @ Lev = 39.80

90°

Set 1" I.P. & L.A. Co. ENG'R tag. Dn 24" on line.

Fd nothing (by pipeline)

S.0°34'13"W 53.25' per OM 2-9

165.21

132.5

3.04

18

Fd nothing near old fence cor.

Rec. FB 254-9
T= 265.20
-132.73
132.47
5

43.34 (T=96) @ 21°36' = 40.30

POST 5A FB 254-9 No SEARCH in ivy near driveway (owner states that 3 ft cut was made when drive was built.)

P.O.T. set 1" I.P. & L.A. County Eng'r tag Dn 12" on line.

CONT PAGE LOT 3 DIVISION 108 REGION 45 (Sheet 2-9)

LOT 2 O.M. 2-9

165.20 (T=88) Lev = 165.20
165.22 (T=88) Lev = 165.22 } 165.21

186.66 (T=94) Lev = 186.67
186.68 (T=94) Lev = 186.69 } 186.68

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76F3095 CE # 310 3-61

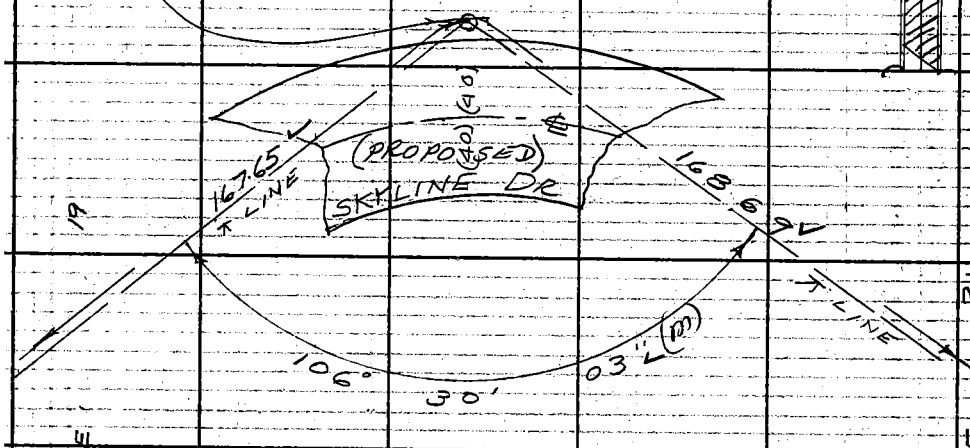
F.B. 2984 PG. 20

LOT 15 DIVISION 86 REGION 45
O.M. 2-3

FB 254-9 & 106
132.73
486.81
619.54

Meas Pgs 18-19
96.91
3.09
165.21
186.68
167.65
619.54

P.I. #6
Set 1" I.P. & L.A. Co
ENG'R tag Dn
24" by Rec Angle
(72° 02' 40") FB 254-9
& Rec Dist (619.54)
from P.I. #5 pg 18



CONT PAGE

1) 106 30 00
4) 66 00 00
6) 279 00 20
Avg = 106 30 03

C.S. 8842-4
Δ = 73° 30' 30"
R = 225
T = 168.04
L = 288.67

CONT PAGE

LOT 2 DIVISION 108 REGION 45 O.M. 2-9

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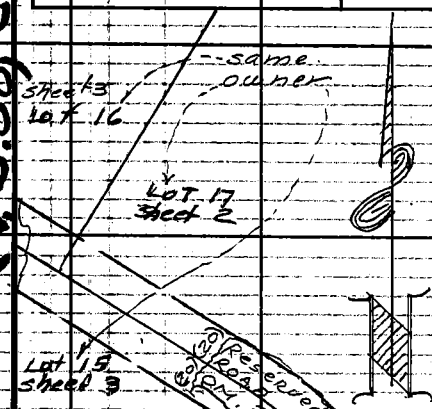
JN 007433 Tape 121 Std 84 °F
Surveyed by J. H. BROWN
Notes J. H. B. Date 9-62
Indexed C. J. GALLI

F.B. 2984 Pg. 21

W.S. 38 C-5



Lot 2 O.M. Region 45 Div. 106 sheet 9

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76F3095 CE # 310 3-61

F.B. 2984 Pg. 22

104.62 (T=92) Lev = 104.62 } 104.62
104.62 (T=92) Lev = 104.62 }

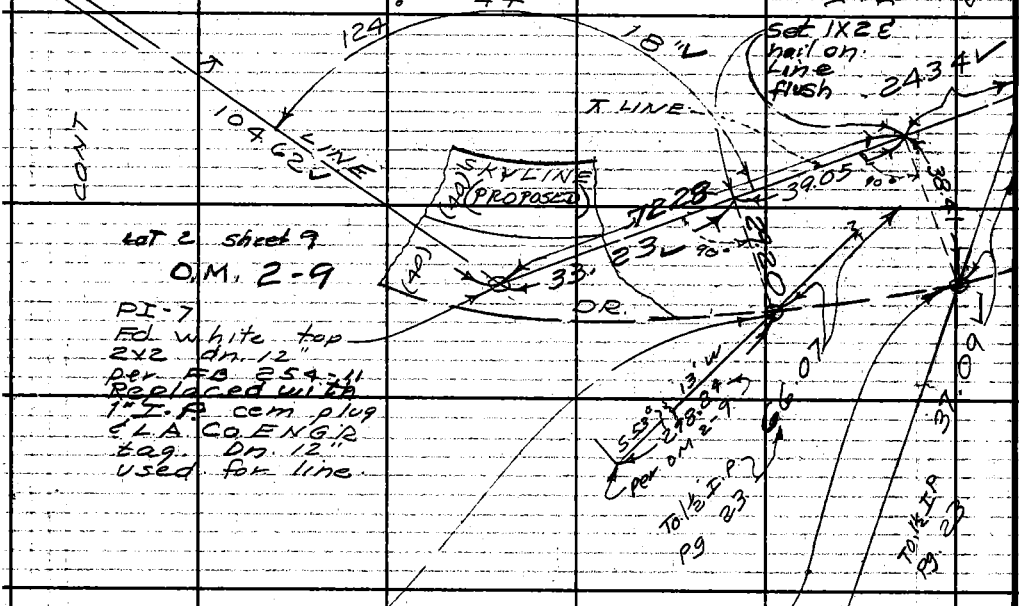
C.S. 8842-4

Δ = 55° 13' 05"
R = 200
T = 104.60
L = 192.75

1) 124 44 10
4) 138 57 10
6) 28 25 50
Avg 124 44 18 ½

CONT PAGE 23

CONT PAGE 21



lot 2 sheet 9
O.M. 2-9

PI-7
Fd white top 2x2 dn. 12" per FB 254-11 Replaced with 1" I.P. cem plug & L.A. Co. ENGR tag dn 12" used for line.

Fd 1½" I.P. wood plug & nail flush see O.M. 2-9

Fd 1½" I.P. wood plug flush set nail in ctr. see O.M. 2-9

30.85 (T=72) @ 18° 50' = 29.20

33.23 + 39.06 (T=72) Lev = 72.28
Avg = 72.28
72.29 (T=72) Lev = 72.28

40.84 (T=72) @ 19° 52' = 38.41

24.34 (T=72) @ Lev = 24.34 } 24.34
24.34 (T=72) @ Lev = 24.34 }

NOT IN this survey

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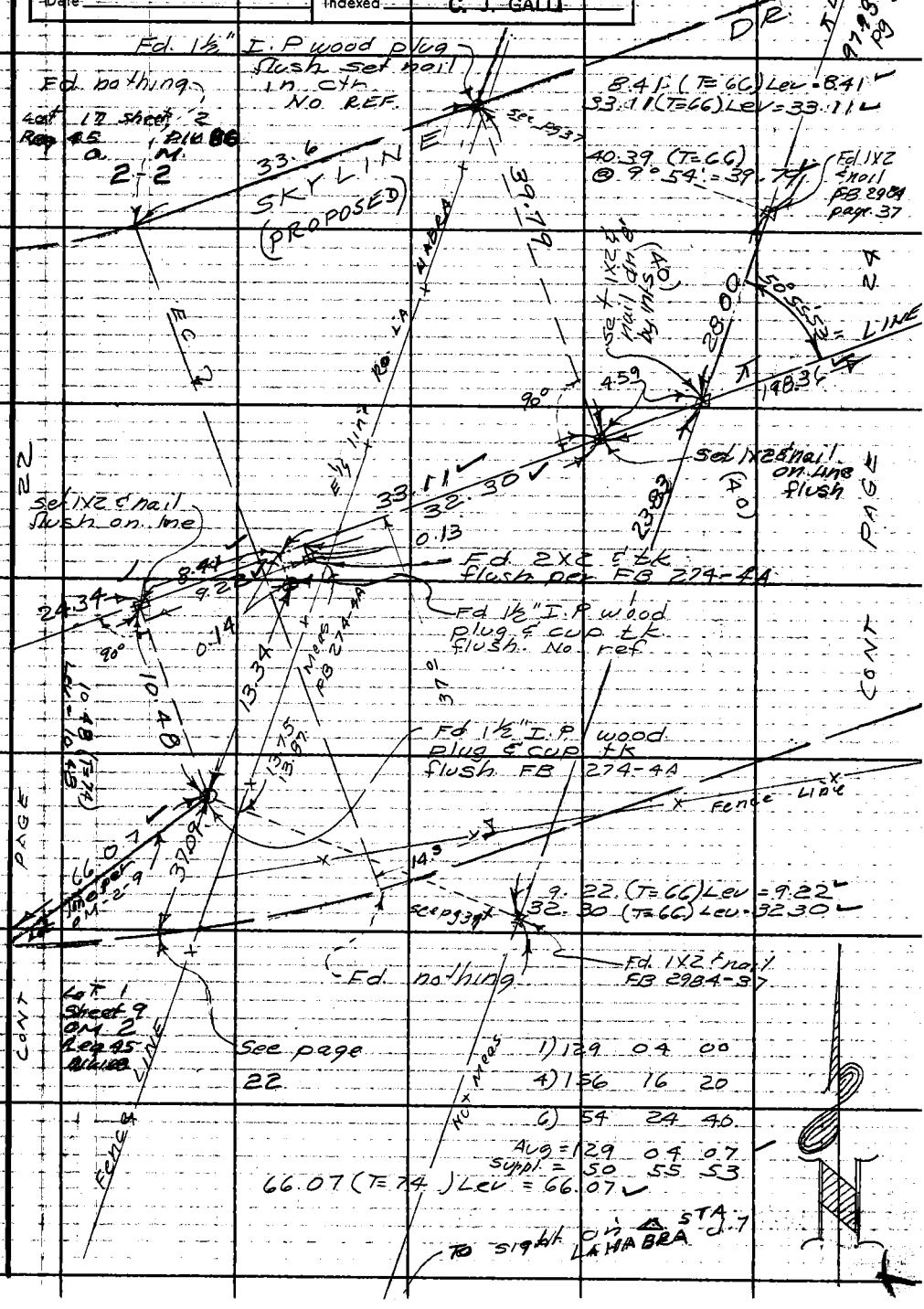
Notes Ck'd by	Survey of SKYLINE DR.	F. B. 2984 Pg. 23
Map No.	JN 0074.33 Tape 121 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B. Date 9-62	
Date	Indexed C. J. GALLI	



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76F309S CE # 310 3-61

F. B. 2984 Pg. 24

Note: White top 2x2's labeled Const. #4" below are for ctr. of new Towers on EDISON CO. ETAWANDA-MESA-OLINDA TRANSMISSION LINES

198.78 (T=66') @ 3° 39' = 198.36 ✓
198.00 (T=66') @ 3° 01' = 198.36 ✓ } Avg = 198.36 ✓

237.75 (T=86) @ Lev = 237.75 ✓
237.68 (T=86) @ 1° 52' = 237.75 ✓ } 237.75 ✓

See ETAWANDA-MESA-OLINDA per EDISON CO.

68.31 (T=88) @ 1° 16' = 68.29 ✓
68.48 (T=88) @ 4° 17' = 68.29 ✓ } 68.29 ✓

58.78 (T=62) @ 2° 27' = 58.72 ✓
58.86 (T=62) @ 4° 00' = 58.71 ✓ } 58.71 ✓

8.31 (T=62) Lev = 8.31 ✓
8.31 (T=62) Lev = 8.31 ✓
Avg. = 8.31 ✓

P.O.T
Fd nothing
set 1" I.P. L.A. Co. ENGR tag DM. 12" on line

Fd 1X2 ✓ nail (new) flush. Guard lathe labeled "STA RE-17"

PAGE CONT

PUENTE

Fd new white top 2x2 up 3" GUARD stakes labeled "℄ CONST #4 West Line"

Set 1" I.P. L.A. Co. ENGR tag 0.16" on line

49.95 ✓

set 1X2 ✓ nail flush by ints

58.71 ✓

8.31 ✓

1.01 ✓

PAGE 23 L.A.

Set 1X2 ✓ nail by ints. flush

68.29 ✓

SKYLINE DR.

(PROPOSED)

237.75 ✓

℄ LINE

℄ LINE

Line for ties.

(40) 98.36 ✓

90°

0.37

47.9

Fence

OLD ℄

100'

18.2

41.9

Fd white top 2x2 nail new Flush. Guard lathe labeled "℄ CONST #4 EAST LINE"

1) 140 57 40
2) 281 55 20
Avg 140 57 40

Fd 1X2 ✓ nail new. flush. Labeled "STA. RE 18"

Fd white top 2x2 nail dn 12" per FB 323-49 Good CONDITION Removed

Fd 1X2 ✓ nail (new) flush guard stake labeled "STA. R.W.-20" (See ETAWANDA-MESA-OLINDA Line per ED. Co.)

CONT

101.83 (T=90) @ 8° 04' = 100.82 ✓
101.48 (T=90) @ 6° 32' = 100.82 ✓ } 100.82 ✓

49.95 (T=86) @ Lev = 49.95 ✓
49.95 (T=86) @ Lev = 49.95 ✓ } 49.95 ✓

48.79 (T=62) Lev = 48.78 ✓

34.97 (T=62) Lev = 34.96 ✓
83.74 ✓ } 83.75 ✓

83.77 (T=62) Lev = 83.76 ✓

(1) 39-00-00
(2) 78-00-00
39-00-00

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Notes Ck'd by	Survey of SKYLINE DR.	F. B. 2984 Pg. 25
Map No.	JN 007433 Tape 121 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B. Date 9-62	
Date	Indexed C. J. GALLI	

W.S 38, C-5

163.66 (T=62) @ 10° 18' = 161.00 ✓
163.13 (T=62) @ 9° 12' = 161.01 ✓ } 161.01 ✓

43.28 (T=72) @ 8° 43' = 42.78 ✓

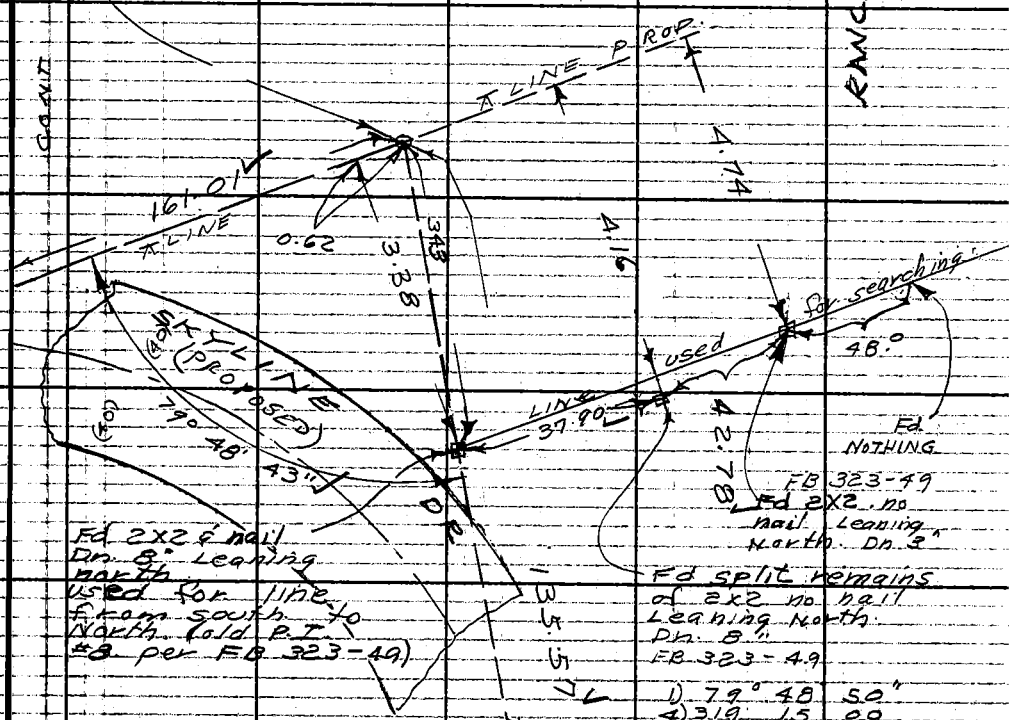
39.31 (T=72) @ 15° 25' = 37.90 ✓

C.S. 8842-4
Δ = 100° 10' 05"
R = 300
T = 358.59
L = 524.48

Fd white top 2x2 & nail Lying on side Set 1" I.P. & L.A. Co. ENGR tag dn. 18" 3.43 from 2x2 (old PI 8 per FB 323-49) on line prod from South to North

CONT PAGE 24

RANCHO LA PUENTE



Fd 2x2 & nail Dn. 8" Leaning north used for line from south to North (old P.I. #8 per FB 323-49)

Fd split remains of 2x2 no nail Leaning North Dn. 8"
FB 323-49

1)	79°	48'	50"
4)	319	15	00
6)	118	52	20
Avg =	79	48	43⅓ ✓

106.84 (T=72) @ 12° 19' = 104.37 ✓
31.20 (T=72) Lev = 31.20 ✓
135.57 ✓

Avg = 135.57

108.86 (T=72) @ 12° 53' = 106.11 ✓
29.46 (T=72) Lev 29.46 ✓
135.57 ✓
CONT.

PAGE 26

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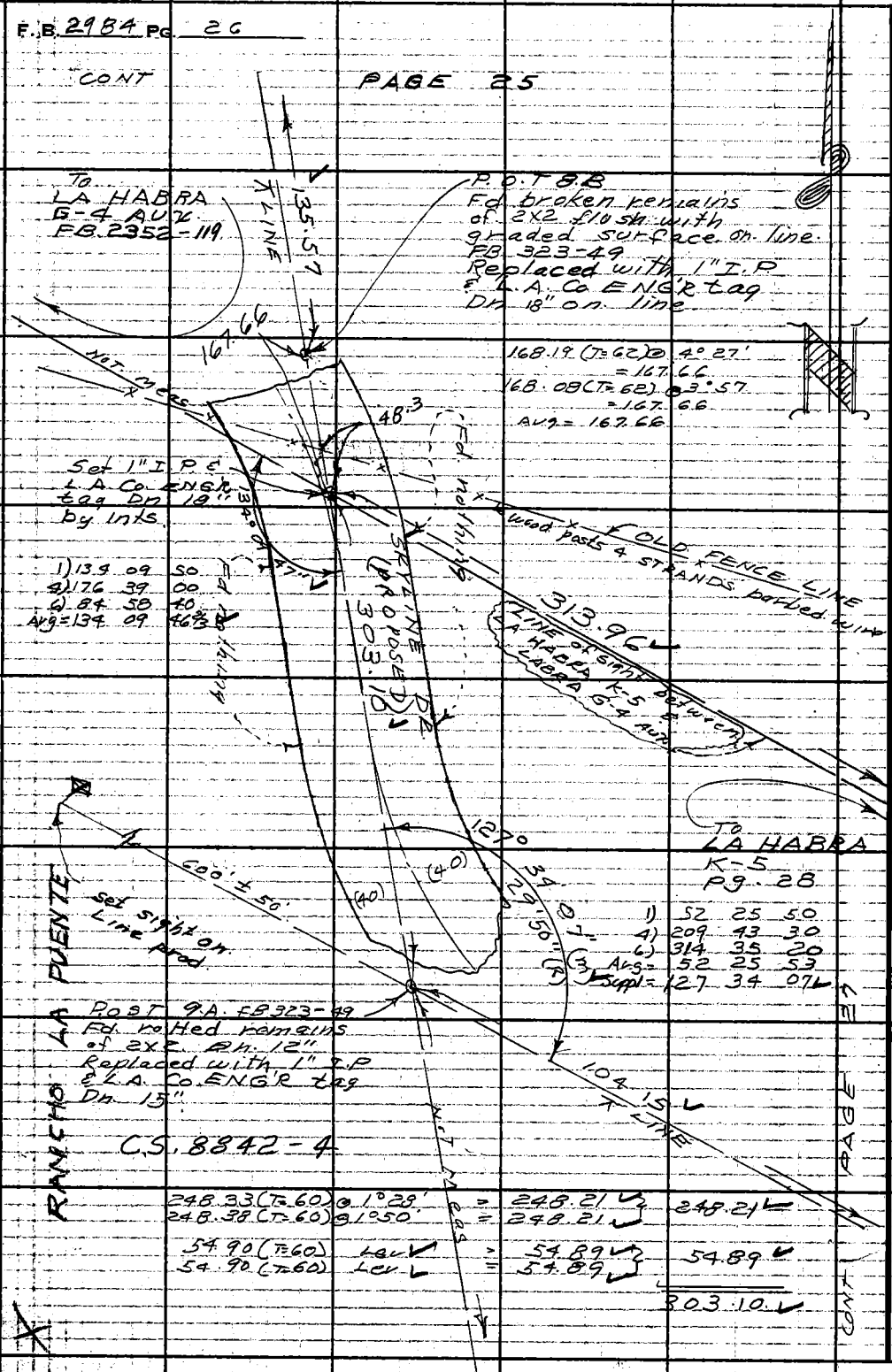
76F309S CE # 310 3-61

F.B. 2984 Pg. 26

CONT

PAGE 25



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W.S. 38 C-5

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

Survey of SKYLINE DR.
JN 0074.33 Tape 121 Std 84 °F
Surveyed by J. H. Brown
Notes J. H. B. Date 10-10-62
Indexed L. J. GALLI

F.B. 2984 Pg 29

53.00 (T=60) @ 11°54'00" = 51.85 ✓
52.80 (T=66) @ 10°50'00" = 51.85 ✓ 51.85 ✓

52.31 (T=66) @ Lev = 52.30 ✓
52.31 (T=66) Lev = 52.30 ✓ 52.30 ✓

104.15 ✓

59.89 (T=70) Lev = 59.88 ✓
59.89 (T=70) Lev = 59.88 ✓ 59.88 ✓

128.23 (T=70) @ 4°22' = 128.35 ✓
128.98 (T=70) @ 5°35' = 128.36 ✓ 128.35 ✓

188.23 ✓

C.S. 8842-4

1) 128° 04' 30"
2) 152 19 20
3) 48 28 50
Avg = 128 04 48 ✓

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RANCHO LA PUENTE CONT. PAGE 216

Set 1" I.P. L.S.A. CO. ENGR tag Dn. 15" on line.

104.15 ✓ L I N E

Ed 2x2 spike (rolled) dn. 12" Ref. FB 323-49-50

0.09

188.23 ✓

38.12 (T=70) Lev = 38.12 ✓
38.12 (T=70) Lev = 38.12 ✓ 38.12 ✓

23.52 Lev (T=54) = 23.52 ✓
23.52 Lev (T=58) = 23.52 ✓ 23.52 ✓

74.96 Lev (T=64) = 74.95 ✓
74.97 Lev (T=64) = 74.96 ✓ 74.96 ✓

98.48 ✓

71.81 (T=64) Lev = 71.80 ✓
244.12 (T=64) @ 0°53' = 244.06 ✓
315.86 ✓

72.52 (T=64) Lev = 72.51 ✓
243.40 (T=64) @ 0°53' = 243.34 ✓
315.85 ✓

98.48
23.52
74.96 ok

Ed white top 2x2 spike Dn 8" good condition

04 48 (R)
05 40 (R)
set nothing
98+8 ✓
38.12
74.96
set nothing
set 1x2 s.s. bail on ℄ line
23.52 prod
set nothing

Ed white top 2x2 spike good condition Dn 12" Replaced with 1" I.P. L.A. Co. ENG'R tag Dn. 24"

315.85 ✓

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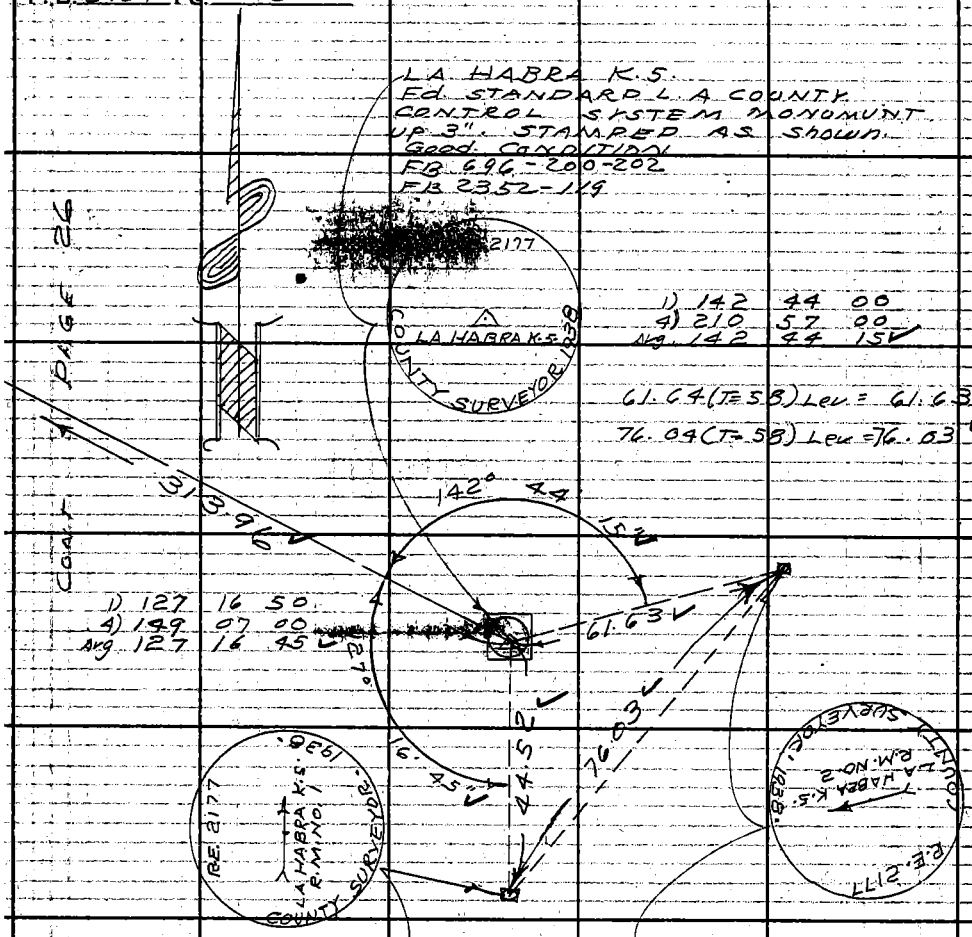
F.B. 2984 Pg. 28



PAGE 26

COAST

313.96

R.M. NO. 1
Ed. Std. L.A. COUNTY
CONTROL SYSTEM
REFERENCE MARK
UP 4" STAMPED
AS SHOWN
GOOD CONDITION

R.M. NO. 2
Ed. Std. L.A. COUNTY
CONTROL SYSTEM
REFERENCE MARK
up 3" STAMPED
AS SHOWN
Good CONDITION

161.65 (T=58) @ 11° 28' = 158.39 } 158.39
161.25 (T=58) @ 10° 46' = 158.38 }

139.08 (T=58) @ 13° 15' = 135.36 } 135.35
139.64 (T=58) @ 14° 12' = 135.35 }

20.22 (T=58) Lev = 20.22 } 20.22
20.22 (T=58) Lev = 20.22 }

313.96

44.53 (T=58) Lev = 44.52

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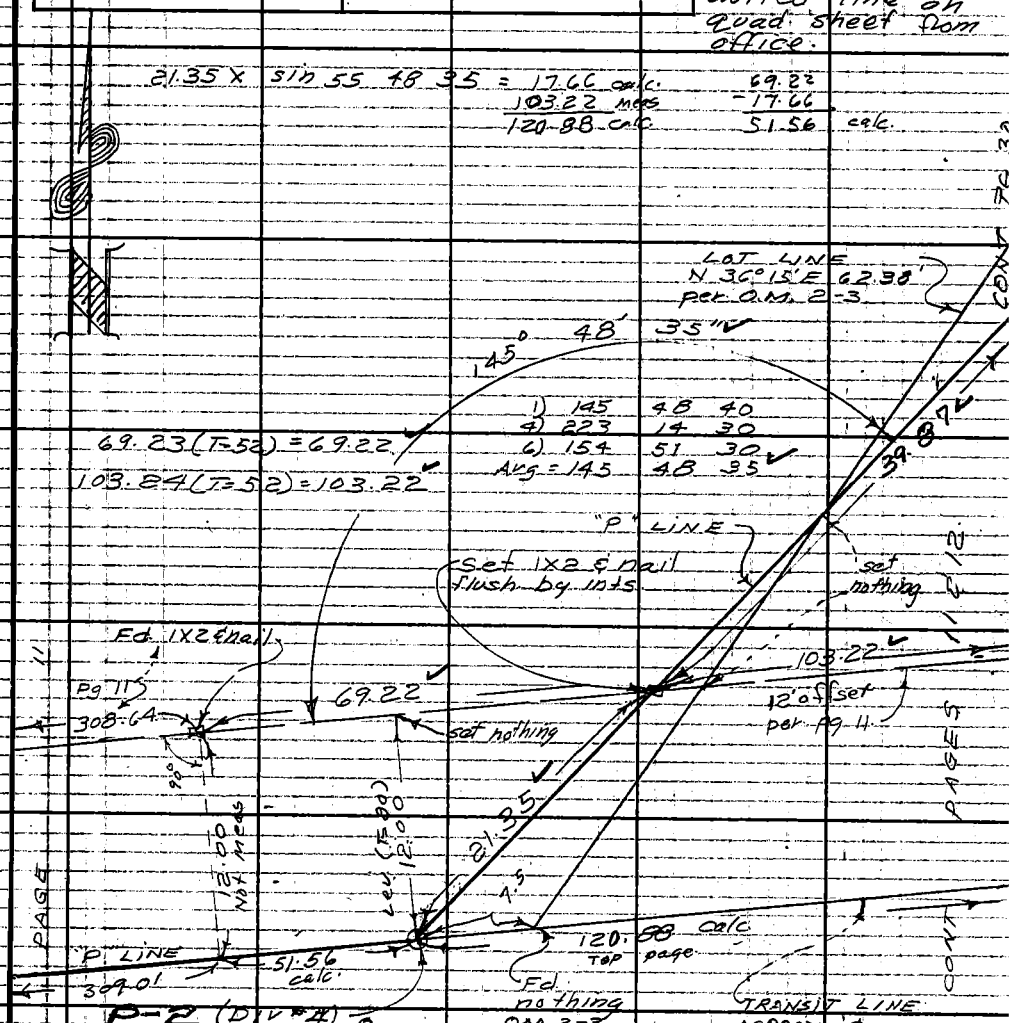
Notes Ck'd by	Survey of SKY LINE DR	F. B. 2984 Pg. 29
Map No.	JN0074 33 Tape 121 Std 84 °F	Note: This page begins "P" Line as proposed by dotted line on quad sheet from office.
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B. Date 10-10-62	
Date	Indexed C. J. GALLI	

21.35 X sin 55 48 35 = 17.66 calc.
103.22 meas
120.88 calc

69.22
−17.66
51.56 calc.



P-2 (DIV #4) 8+55.44
Set 1" I.P. & L.A. COUNTY ENG'R tag dn. 24" by ints of "P" LINE prod from NE to SW & transit LINE pg 11.
(set 2" guard pipe 5' N'ly)

21.33 (T=80) @ 17°00' = 21.35
22.13 (T=80) @ 15°16' = 21.35 } 21.35

39.88 (T=52) Lev = 39.87
39.88 (T=52) Lev = 39.87 } 39.87

REGION 4S DIVISION 86 LOT 10 O.M. 2-3

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76F3095 CE # 310 3-61

F.B. 2984 PG. 30

Note: 1½" I.P. fd. below are reasonably close to position (of end of curves) as shown on office Map 2-3 Region 45 Division 86. No reference to anything set was found in pouch.

40' easement Reserved for road purposes per OM 2-3

95.60 (T=56) Lev = 95.58
95.60 (T=56) Lev = 95.58

95.58

Fd 1½" I.P. wood plug & nail flush NO REF.

4.52

39.54 (T=56) @ 3°22 = 39.46

39.46

95.58

set nothing

90°

LOT 11

P-2 A 10+29.34

Fd 1½" I.P. wood plug no nail flush set nail in ctr & used for line. NO REF.

Fd 1½" I.P. wood plug set nail in ctr. NO REF.

30.58 (T=54) @ 8°28' = 30.24

(PRIVATE) (ROAD)

110.68

30.24

90°

set spk & tin flush on line

39.87

111.37 (T=54) 6°14' = 110.69
111.62 (T=54) 7°22' = 110.68
Avg = 110.68

29

"P" LINE

CONT PAGE 31

CONT PAGE 29

SKYLINE DR.

O.M. 2-3

REGION 45 DIVISION 86
LOT 10

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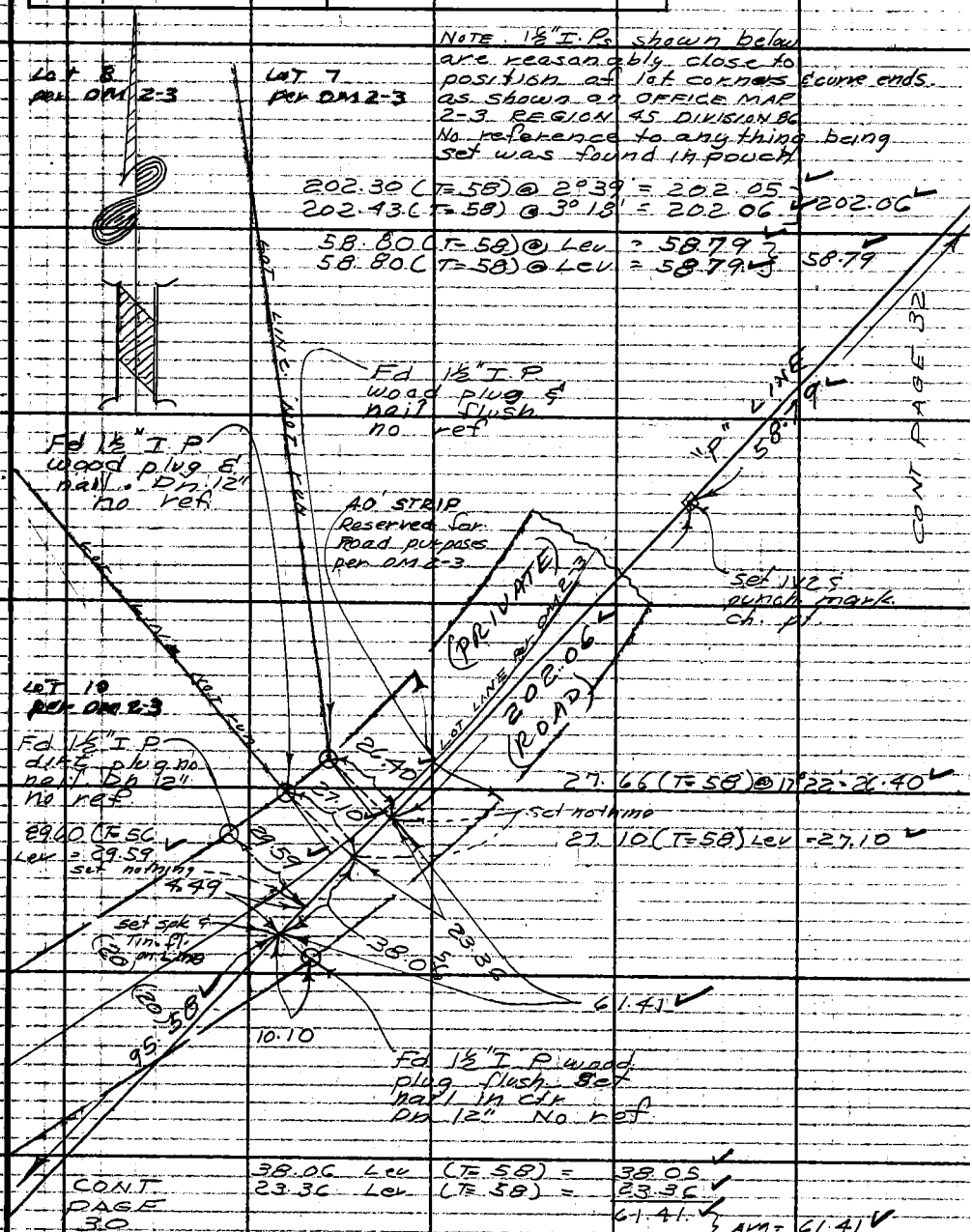
Notes Ck'd by	Survey of SKYLINE DR
Map No.	JN 0074.33 Tape 186 Std 84 °F
Office Work	Surveyed by J H Brown
Checked	Notes J. H. B. Date 10- -62
Date	Indexed C. J. GALLI

F. B. 2984 PG. 31

NOTE. 1½" I.Ps shown below are reasonably close to position of lot corners & curve ends as shown on OFFICE MAP 2-3 REGION 45 DIVISION 86. No reference to anything being set was found in pouch.



202.30 (T=58) @ 2°39' = 202.05
202.43 (T=58) @ 3°18' = 202.06 — 202.06

58.80 (T=58) @ Lev = 58.79
58.80 (T=58) @ Lev = 58.79 — 58.79

27.66 (T=58) @ 17°22' = 26.40

set nothing
27.10 (T=58) Lev = 27.10

38.06 Lev (T=58) = 38.05
23.36 Lev (T=58) = 23.36
61.41
61.42 Lev (T=58 = 61.41 — Avg = 61.41

Lot 11 per OM 2-3

CONT PAGE 30

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76F309S CE # 310 3-61

D.M. 2-3

F.B. 2984 Pg. 32

REGION 45 DIVISION 86
LOT 7

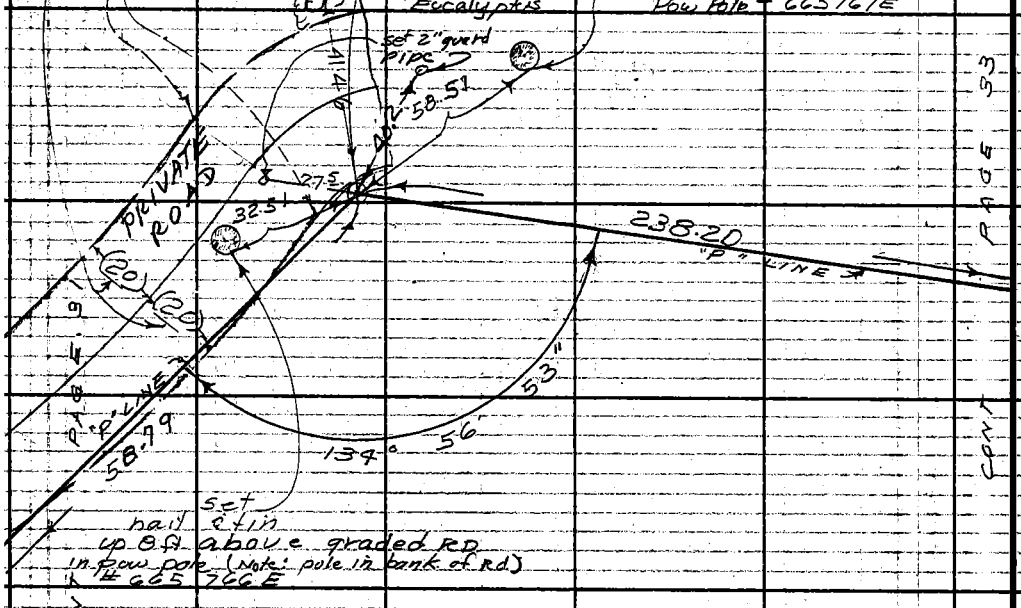
193.71 (T=68) @ 8° 01' = 191.80 } 191.79
193.94 (T=68) @ 8° 32' = 191.77 }

47.15 (T=70) @ 10° 08' = 46.41 } 46.41
46.80 (T=70) @ 7° 57' = 46.41 }

238.20

32.51 (T=64) Elev = 32.51

58.52 (T=64) Elev = 58.51



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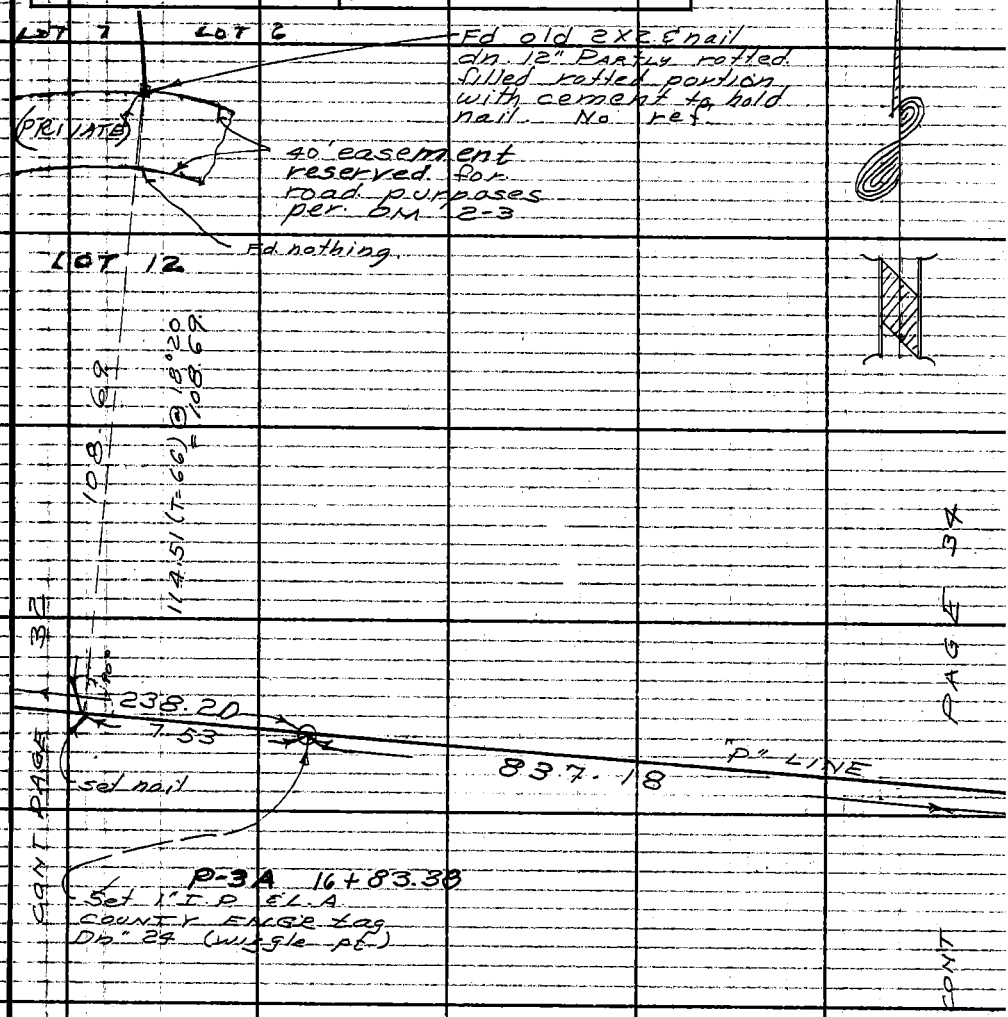
Map No.	JN 0074.33 Tape 186 Std 84 °F	
Office Work	Surveyed by J.H. Brown	
Checked	Notes J.H.B. Date 10-[illegible]-62	
Date	Indexed C. J. GALLI	



129.35 (T=70) Lev = 129.34
129.35 (T=70) Lev = 129.34 } 129.34

281.84 (T=64) @ 2° 16 = 281.58
281.73 (T=64) @ 1° 35 = 281.58 } 281.58

297.98 (T=62) @ 1° 18 = 297.86
298.03 (T=62) @ 1° 38 = 297.85 } 297.86

128.42 (T=62) Lev = 128.40
128.42 (T=62) Lev = 128.40 } 128.40

837.18

REGION 45 DIVISION 86
O.M. 2-3

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76F3096 CE # 310 3-61

F.B. 2984 Pg. 34

REGION 45 DIVISION 86

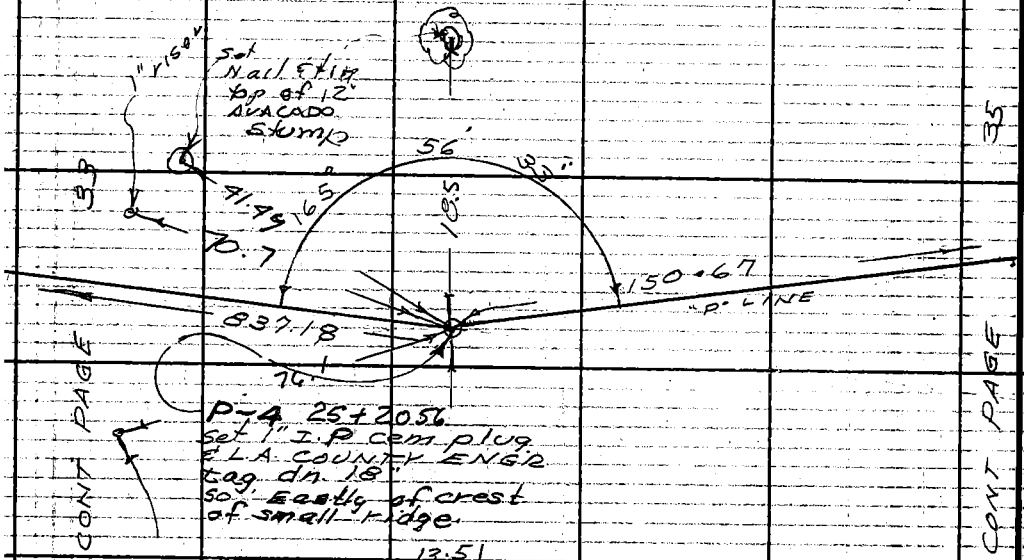
61.57 (T=60) 14° 38' 30" = 59.56
61.02 (T=60) 12° 45' 00" = 59.56 } 59.56

97.68 (T=62) 21° 07' 00" = 91.11
96.17 (T=62) 18° 39' 00" = 91.11 } 94.11

150.67

LOT 16

1) 165 56 30
4) 303 46 00
6) 275 39 20
Avg. 165 56 33



O.M. 2-3

REGION 45 DIVISION 86

CONT PAGE 35

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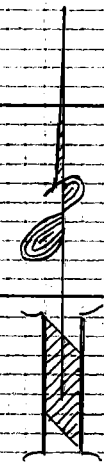
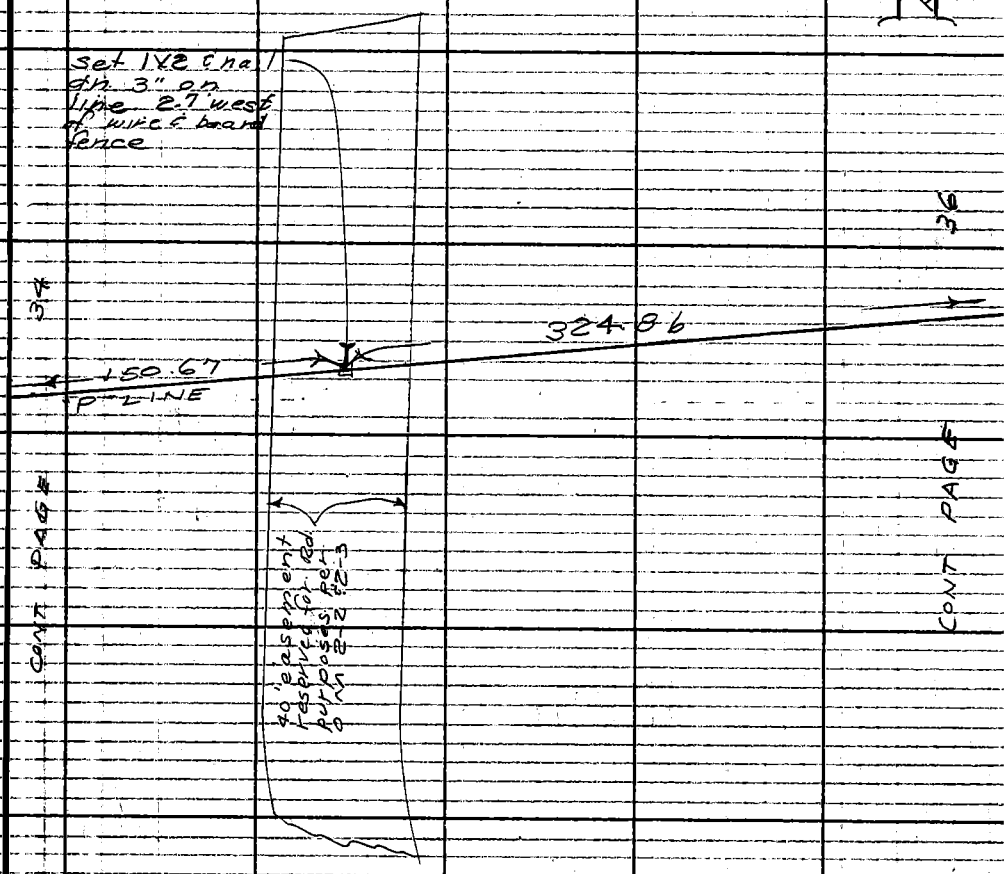
Map No.	JN 0074.33 Tape 186 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B Date 10- -62	
Date	Indexed	

REGION 45 DIVISION 86

139.68 (T= 64) @ 19° 24' 00"	= 131.73	} 131.73
138.80 (T= 64) @ 18° 20' 00"	= 131.74	
139.87 (T= 70) @ 10° 07'	= 137.69	} 137.69
139.46 (T= 70) @ 9° 08	= 137.68	
55.45 (T=70) Lev	= 55.44	} 55.44
55.45 (T=70) Lev	= 55.44	
		324.86



LOT 16



OM 2-3

REGION 45 DIVISION 86

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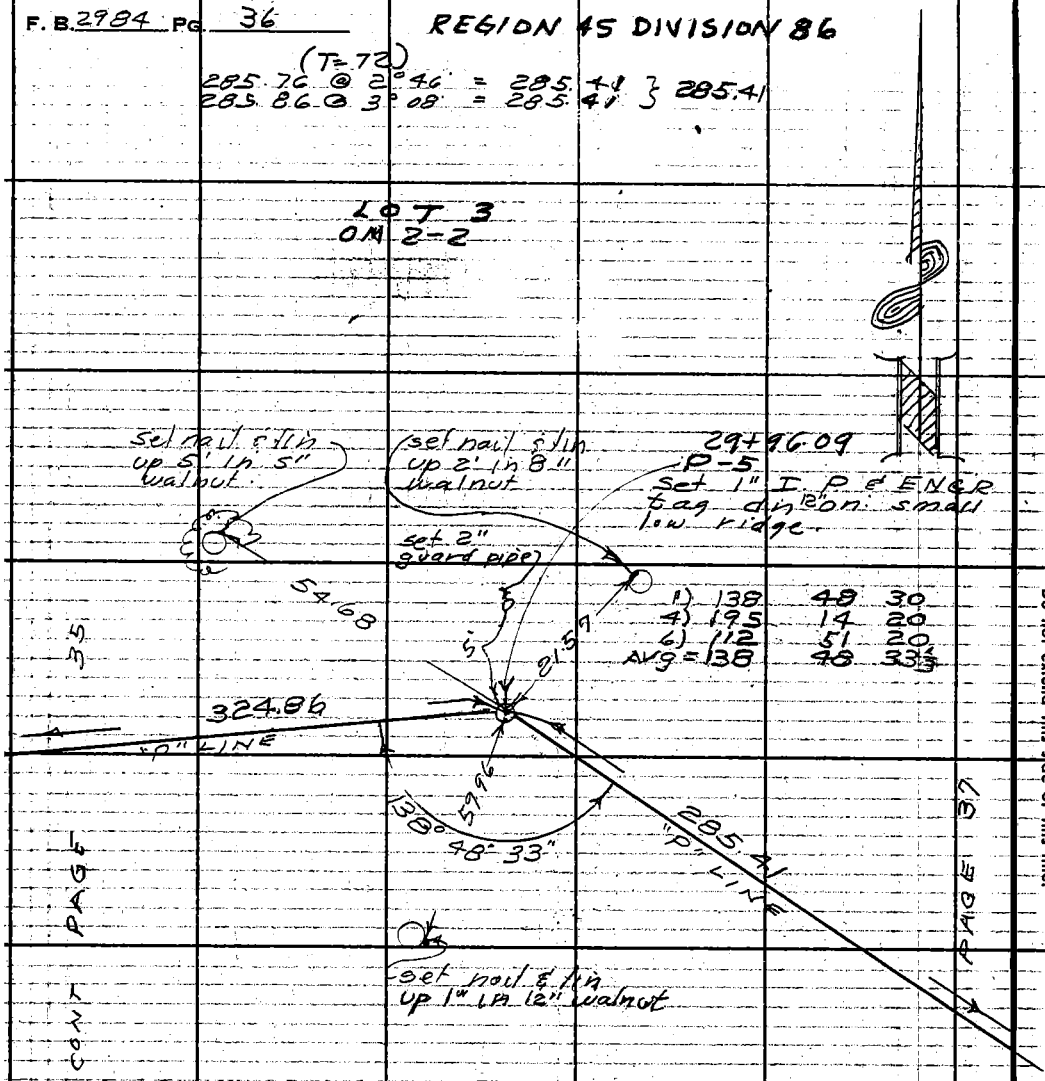
F. B. 2984 PG. 36

REGION 45 DIVISION 86

(T=72)
285.76 @ 2°46' = 285.41 } 285.41
285.86 @ 3°08' = 285.41

LOT 3
OM 2-2



REGION 45 DIVISION 86

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Date	Indexed C. J. GALLI

F. B. 2984 PG. 37

PAGE 36

26.94 (T=74) Lev = 26.94
26.94 (T=74) Lev = 26.94 } 26.94

98.91 (T=78) @ 7°52' = 97.98
98.62 (T=78) @ 6°28' = 97.99 } 97.98

51.83 (T=76) Lev = 51.83
51.83 (T=76) Lev = 51.83 } 51.83

32+81.50
Set 1X2 & nail on line

39.92 (T=72) @ 2° 15' = 39.89

Fd. 2" I.P wood plug & nail flush. (See OM 2-2)

Fd capped 2" I.P up 0.1' per C.S. 8842-4. marked

Fd 1½" I.P wood plug new nail top page 23

1) 104. 21 40
4) 57. 27 00
6) 266 10 40
Avg: 104 21 47

126.29 (T=72) @ 9°57' = 124.38
125.89 (T=72) @ 8° 52' = 124.38
Avg = 124.38

183.10 (T=74) @ 9°01' = 180.83
36.66 (T=74) Lev = 36.66
217.49

183.34 (T=76) @ 9°26' = 180.85
36.66 (T=76) Lev = 36.66
217.51

set 1X2 & nail Avg = 217.50

51.83

Fd 1½" I.P wood plug & cop tk middle page 23

Set 1X2 & nail

PAGE 38

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76F309S CE # 310 3-61

F. B. 2984 Pg. 38

213.02 (T=80) @ 0° 54' = 212.98 } 212.98
213.00 (T=80) @ 0° 31' = 212.98 }

67.42 (T=80) @ 17° 54' 20" = 64.15 } 64.14
66.58 (T=80) @ 15° 33' 40" = 64.14 }

85.08 (T=80) @ 4° 38' = 84.80 }
85.35 (T=80) @ 6° 21' = 84.83 } 84.81
85.23 (T=80) @ 5° 41' = 84.81 }

361.93

290.30 (T=78) @ 4° 55' = 289.22 } 289.23
290.04 (T=78) @ 4° 13' = 289.24 }

157.70 (T=56) @ 8° 48' 40" = 157.82 } 155.81
157.69 (T=56) @ 8° 49' 10" = 155.81 }

217.76 (T=56) @ 1° 40' = 217.61 } 217.62
217.71 (T=56) @ 1° 05' = 217.63 }

662.66

662.66

PAGE 37

CONT'D PAGE 39

CONT'D LINE

131°

36'

25"

Set nail & tack in 2.5 ft. Birch between 2 stakes on ℄ alignment

S 29° E

36+70.37 P.C.

Set 1" I.P. L.A. COUNTY ENGR tag Dn 10'

5'

80.41 (T=80) ℄ LINE

48° 23' 35"

set 2" guard pipe up 3'

N 75° E ✱ compass set for deflection 16° 55' E

1) 131° 36' 25"
4) 166 25 40
6) 69 38 30
Avg = 131 36 25

1) 48 23 30
4) 193 34 20
6) 290 21 30
Avg = 48 23 35

Set 1X2" punch mark pg. 1 of ℄s

126° 34'

371'

Pg. 24

161.01 pg 24

PAGE 25

CONT'D

24

Pg. 24

58.71

5.78

℄ LINE DR.

Pg. 24

68.29

℄ LINE per pg 8A

Fd 1" I.P. tag pg. 24

Fd 1/2" nail pg. 24

1) 53° 25' 20"
4) 213 41 30
6) 320 32 50
Avg 53 25 23

Not Tangent

To Sight on 250 ± SO. ℄ LINE Prod. Use Brick set on ℄

CONT. PAGE 24

RANCHO LA PUENTE

80.41 (T=80) Lev = 80.41 } 80.41
80.41 (T=80) Lev = 80.41 }

5.78 (T=80) Lev = 5.78 } 5.78
5.78 (T=80) Lev = 5.78 }

Re Run 10-8-63

1) 126 34 00
4) 146 16 40
6) 39 26 40
Avg = 126 34 10

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

Survey of SKYLINE DR
JN 0074.33 Tape 186 Std 84 °F
Surveyed by: J. H. Brown
Notes J. H. B Date 10-62.
Indexed C. J. GALLI

F.B. 2984 Pg. 39

71.71 (T=56) Lev = 71.70 } 71.70
71.71 (T=56) Lev = 71.70 }

48.14 (T=56) @ 4° 13' = 48.00 } 48.00
48.38 (T=56) @ 7° 07' = 48.00 }

232.02 (T=58) @ 5° 39' = 230.85 } 230.85
231.79 (T=58) @ 5° 03' = 230.85 }

247.78 (T=78) @ Lev = 247.77 } 247.77
247.79 (T=78) @ 0° 33' = 247.77 }

248.47 (T=78) @ 14° 01' 20" = 241.06 } 241.04
247.74 (T=80) @ 13° 21' 20" = 241.03 }

839.36

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RANCHO LA PUENTE

P-7 43+33.03
set 1" IPF
L.A. Co. ENGR
tag Dn 1.0"

set 2" guard pipe up 3'

660.66

"P" LINE

116 56 47

839.36' "P" LINE

1)	116	56	47	0
4)	107	47	00	0
6)	341	40	47	0
Avg	116	56	47	

CONT PAGE 40

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7AF3099 GE # 310 3-61

F. B. 2984 PG 40

CONT PAGE 39

$\frac{30.00}{\sin 72°14'45''} = 31.50$

31.50 × sin 17°45 15" = 9.61

89.02
64.98
24.04
15.30
8.74

P-7A 51+72.39
Set 1" I.P. & L.A. Co. ENGR tag Dn 12 on line & calc Dist (31.50) from spk & tin.

"P" LINE

Fd square 2"x2" hole in rocky ground, filled with silt (see R.P.P.I. FB 323-51)

Fd nothing FB 323-51

Fd old 2x2 Leaning north in drainage see P.I. #10 FB 323-50 & 51

Set nail on line up 6ft in 26" Eucalyptus

Set nail & Tin in root of 36" Eucalyptus

Fd nothing set nothing

calc 9.61

8.7

Set spk & tin. Dn 12" In rock. By ints of ⊼ Line & "P" Line

24.2

0.09

5.69

70.48

30.00 (T=72)

31.50 calc & set

270.88

14.45

⊼ LINE No meas.

22.13

20.16

315.85 ⊼ LINE

1) 72° 14' 40"
4) 288 58 50
6) 73 28 30
Avg = 72 14 45

72°

CONT PAGE 41

"P" LINE

Fd rotted remains of 2x2 & nail (dn 12") FB 323-50

REPLACED with 1" I.P. & L.A. Co. ENGR tag dn 18" used for Line

30.00

(30' offset) ⊼ LINE prod from SW to NE

271.92

No ADJ MPL TO LOCATE SKYLINE DR E'ly from PI #10

C.S. 8842-4

NOT MEAS ⊼ LINE

Set nail 30.00 from 1" I.P.

30.00 (T=70) Lev = 30.30
30.00 (T=70) Lev = 30.30 } 30.00

273.14 (T=82) @ 7° 22' = 270.89
241.37 (T=82) @ 7° 22' = 239.38
31.50 (T=62) Lev = 31.50
270.88 } 270.88

272.08 (T=68) @ 1° 49' = 271.91
272.21 (T=68) @ 2° 28' = 271.93 } 271.92

72.88 (T=74) @ 14°45'40" = 70.47
72.25 (T=74) @ 12°43'20" = 70.48 } 70.48

CONT PAGE

RANCHO LA PUENTE

MS38 C-5

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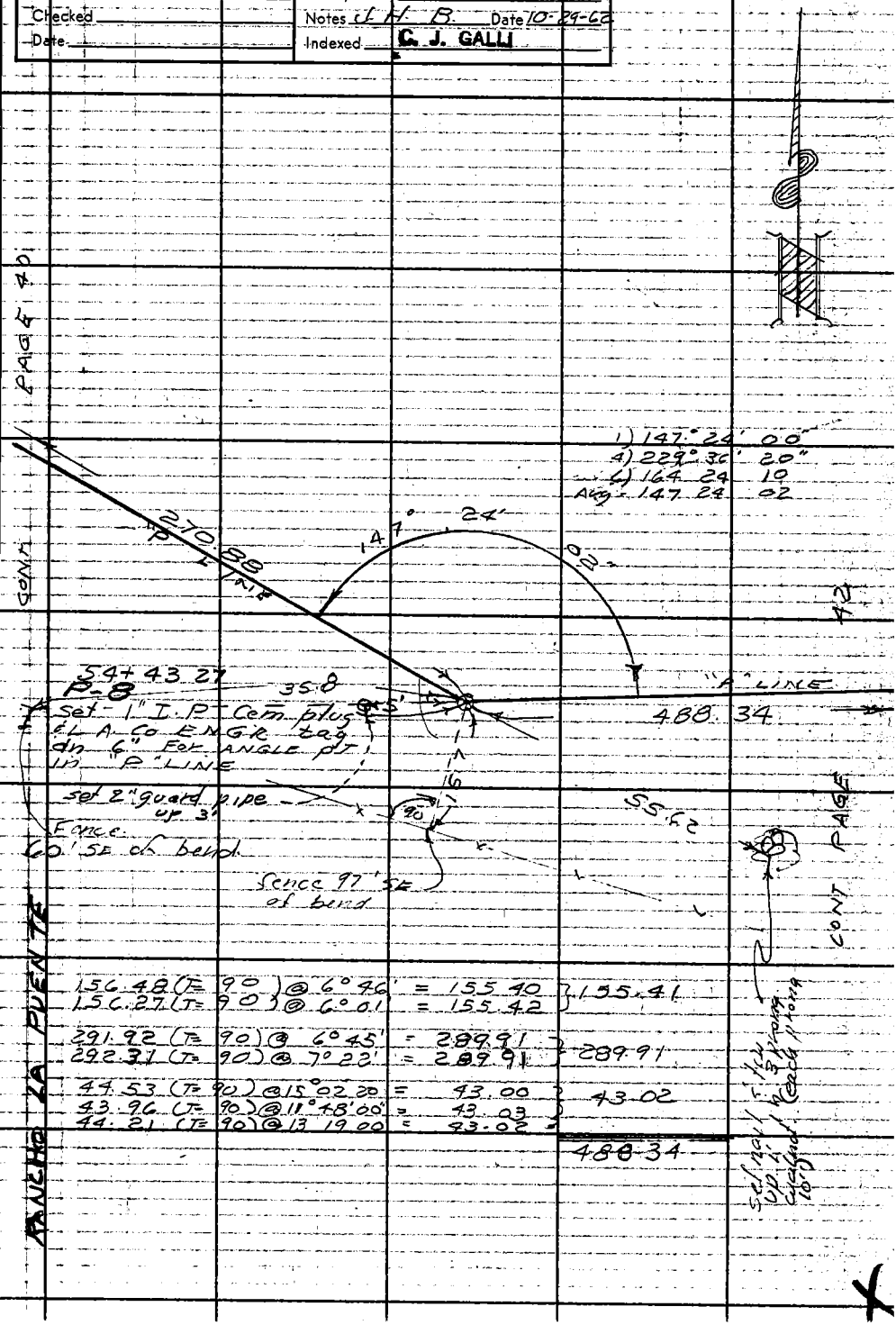
Map No.	JN 0074.33 Tape 186 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B. Date 10-29-62	
Date	Indexed C. J. GALLI	



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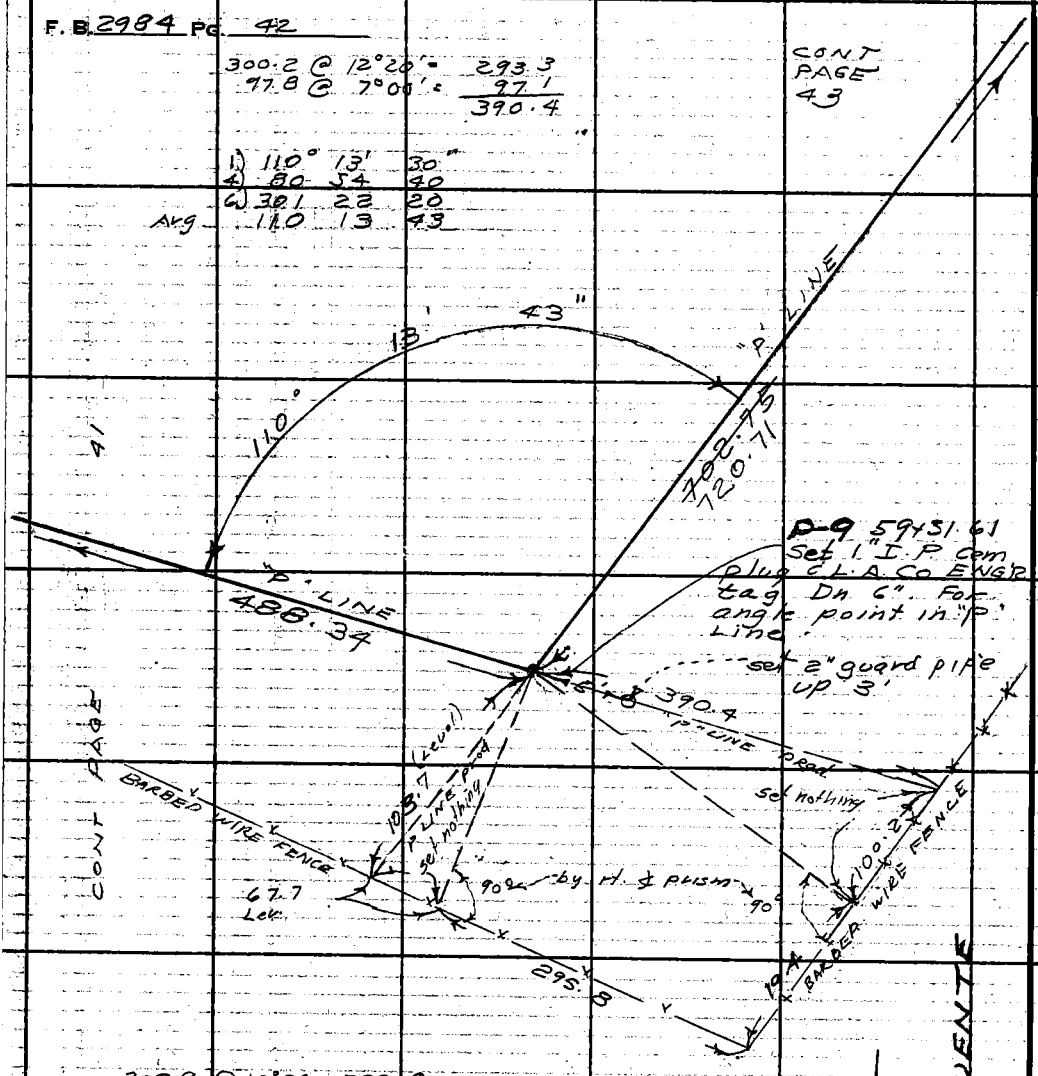
76F3095 CE # 310 3-61

17.96

F. B. 2984 PG. 42

300.2 @ 12°20' = 293.3
97.8 @ 7°00' = 97.1
390.4

1) 110° 13' 30"
4) 80 54 40
6) 301 22 20
Avg 110 13 43



300.9 @ 10°36 = 295.8

Re-pull JAB

Hitting bush

53			153.48	153.48
135.73	(T=82)	@ 3° 17' =	~~135.51~~	~~135.52~~
135.86	(T=82)	@ 4° 03' =	~~135.52~~	
53			153.48	
212.13	(T=84)	@ 10°05'20" =	208.85	208.85
212.49	(T=84)	@ 10 37 20 =	208.85	
285.19	(T=86)	@ 22° 59 20 =	262.54	262.54
~~284.45~~	~~(T=86)~~	~~@ 22 36 40 =~~	~~262.59~~	
284.77	(T=86)	@ 22 47 20 =	262.54	
66.50	(T=88)	@ 11°41'20" =	65.12	65.12
67.02	(T=90)	@ 13°38'00" =	65.13	
30.72	(T=90)	Lev =	30.72	30.72
30.72	(T=90)	Lev =	30.72	
				~~702.75~~ 720.71

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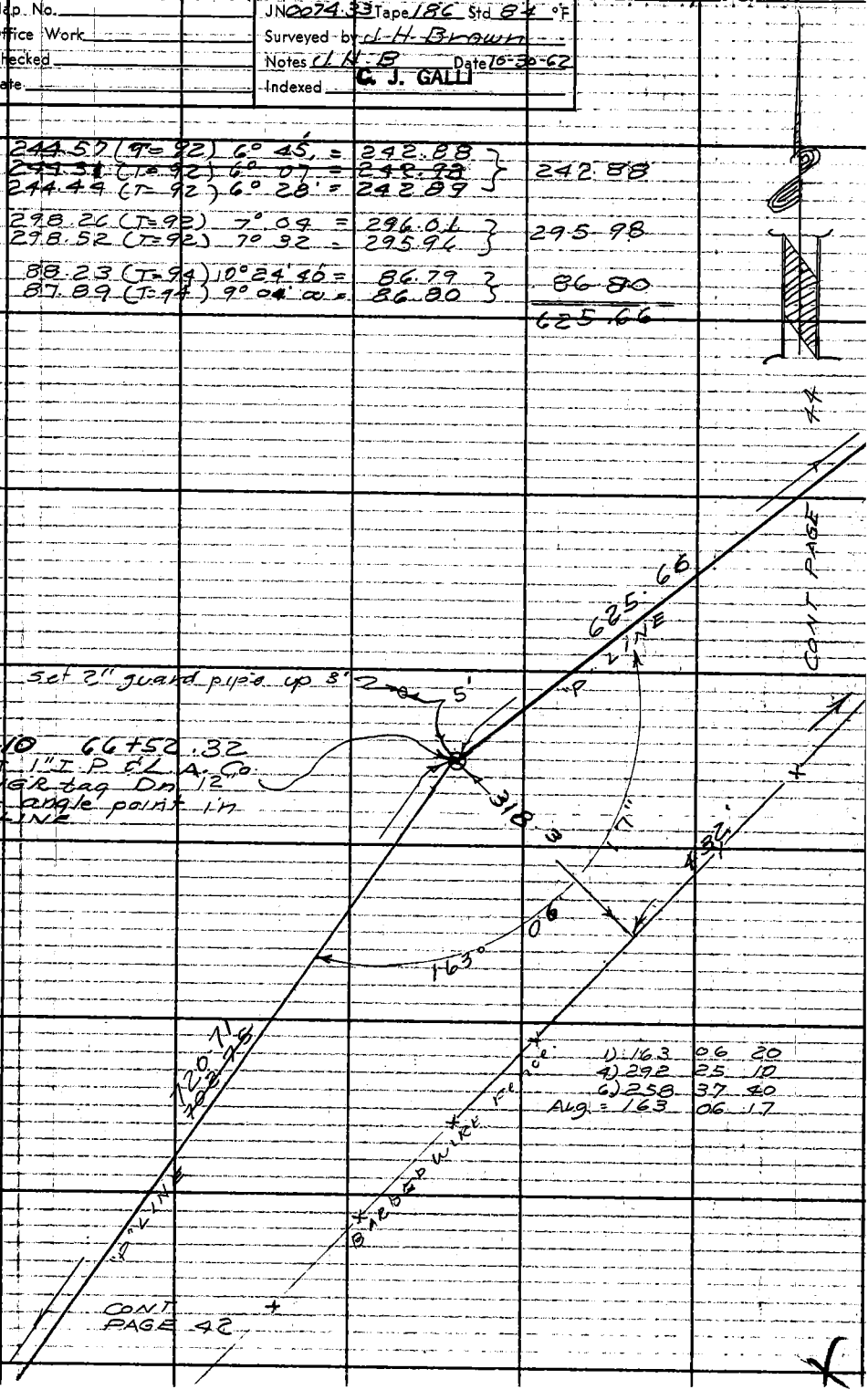
Notes Ck'd by	Survey of SKYLINE DR	F. B. 2984 PG. 43
Map No.	JN 0074.33 Tape 186 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B Date 10-30-62	
Date	Indexed C. J. GALLI	

244.57 (T=92) 6° 45' =	242.88	242.88
~~244.31 (T=92) 6° 07' = 242.98~~		
244.44 (T=92) 6° 28' =	242.89	
298.26 (T=92) 7° 04 =	296.01	295.98
298.52 (T=92) 7° 32 =	295.96	
88.23 (T=94) 10° 24' 40" =	86.79	86.80
87.89 (T=94) 9° 04' 00" =	86.80	
		625.66



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76F3098 CE # 310 3-61

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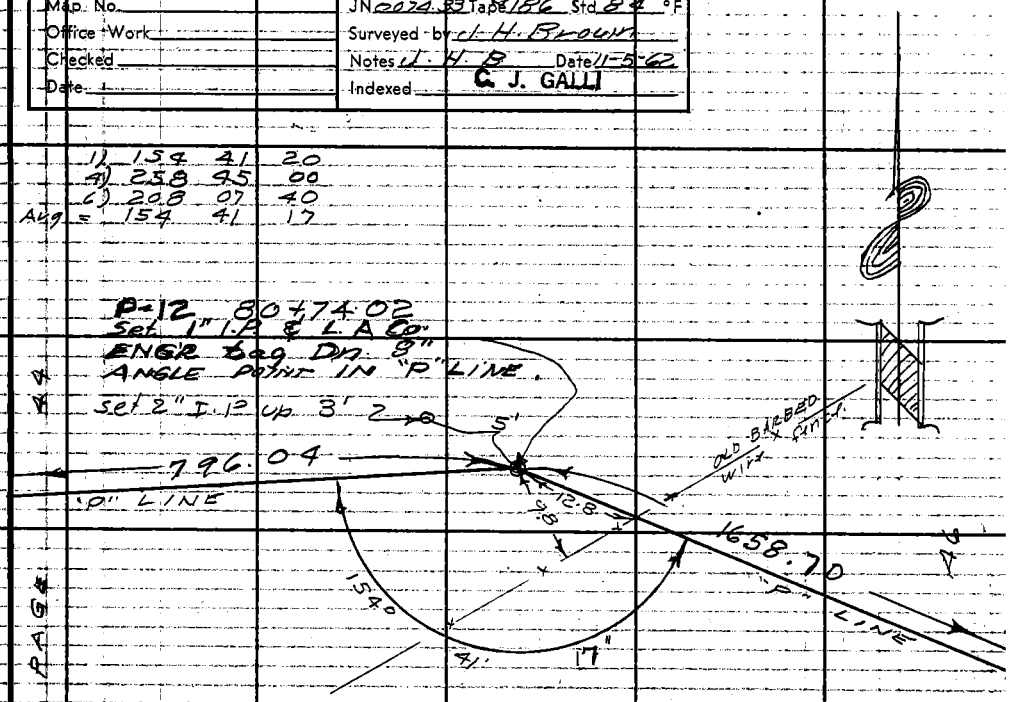
Office Work	Surveyed by J. H. BROWN
Checked	Notes J. H. B Date 11-5-62
Date	Indexed C. J. GALLI

F. B 2984 PG. 45

11 154 41 20
4) 258 45 00
C) 208 07 40
Avg = 154 41 17

P-12 807+74.02
Set 1" I.P & L.A Co.
ENGR tag DN. 8"
ANGLE POINT IN "P" LINE.



CONT PAGE

85.65 (T=56)	Lev	= 85.63	85.62
85.64 (T=56)	Lev	= 85.62	
111.94 (T=56)	4° 51'	= 111.52	111.52
112.09 (T=56)	5° 38'	= 111.53	
106.37 (T=56)	17° 51' 40"	= 101.22	101.23
105.67 (T=56)	16° 36' 20"	= 101.24	
367.21 (T=58)	Lev	= 367.15	367.15
367.21 (T=58)	Lev	= 367.15	
161.07 (T=62)	5° 16'	= 160.37	160.37
161.25 (T=62)	5° 56'	= 160.37	
299.53 (T=63)	3° 15'	= 299.01	299.00
279.91 (T=62)	2° 53'	= 298.99	
65.77 (T=68)	11° 59' 40"	= 64.32	64.32
65.98 (T=68)	10° 42' 20"	= 64.33	
125.56 (T=64)	Lev	= 125.54	125.54
125.57 (T=64)	Lev	= 125.55	
288.39 (T=64)	4° 51'	= 287.32	287.31
288.51 (T=64)	5° 10'	= 287.30	
56.65 (T=64)	Lev	= 56.64	56.64
56.66 (T=64)	Lev	= 56.65	
			1658.70

RANCHO LA PUENTE
CONT PAGE

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76F3095 CE # 310 3-61

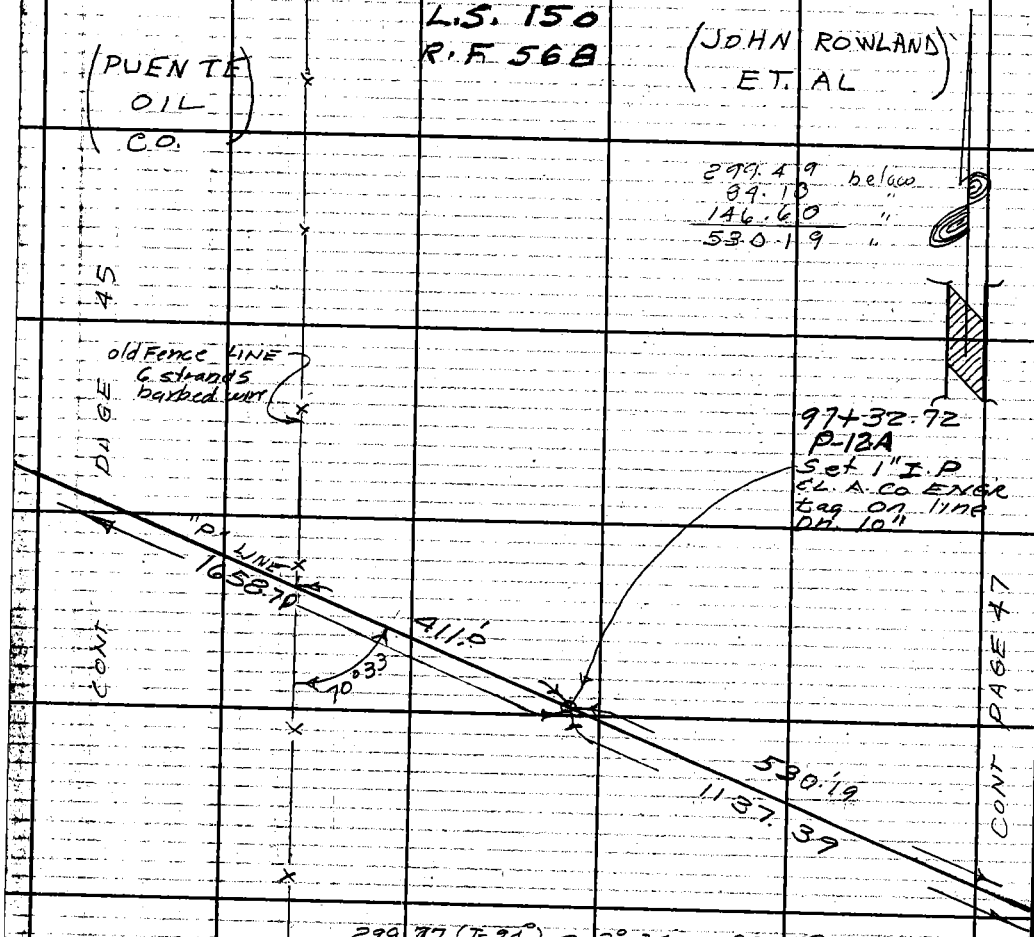
F.B. 2984 PG. 46

L.S. 150
R.F. 568

(PUENTE OIL CO.)

(JOHN ROWLAND ET. AL)

299.49 below
84.10 "
146.60 "
530.19 "



299.77 (T=94°) @	2°34	= 299.49	}	299.49
299.67 (T=94°) @	2°05	= 299.49		
86.27 (T=94) @	12°54'00	= 84.10	}	84.10
85.76 (T=94) @	11°20'00	= 84.10		
147.21 (T=92) @	5°17'	= 146.59	}	146.60
147.42 (T=92) @	6°06'	= 146.60		
150.96 (T=92) @	2°38'	= 150.81	}	150.82
151.06 (T=92) @	3°12'	= 150.83		
234.74 (T=92) @	3°02	= 234.42	}	234.42
234.79 (T=92) @	3°16'	= 234.42		
223.08 (T=90) @	5°44'	= 221.97	}	221.96
222.92 (T=90) @	5°23'	= 221.95		

sum = 1137.39

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Office Work	Surveyed by J. H. Brown
Checked	Notes J. H. B. Date 9-63
Date	Indexed C. J. GALLI

F. B. 2984 PG. 47

L.S. 150
R.F. 568
(JOHN ROWLAND ET. AL.)

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76F3095 CE #310 6-62

F. B 2984 PG. 48

L.S. 1150 (JOHN ROWLAND ET AL.)

TR 3941 LOT 1
LOT 2 GRADIDE TRACT

299.20	(T=92)	@ 2° 26'	=	298.95	298.95
299.36	(T=92)	@ 3° 04'	=	298.95	
81.03	(T=92)	LCU	=	81.03	81.03
81.03	(T=92)	LCU	=	81.03	

379.98

Fd 4" Brass cap on 2" I.P. projecting 8" Stamped corn filled 5" casing (Flush) MARKED L.S. Shown. See PB 187/5-206

P-12-B

Set 1" I.P. & County Engineer tag on line on side hill Dn. .40'

N. LOT 2 GRADIDE TRACT

PARCEL 1

ANGLE PT. B.L.S. (LAT. 493)

21.8

OLD BARBED WIRE FENCE

FENCE LINE prod TO Brass cap @ TR. COR

See Pg 147

See Pg 147

1) 82° 30' 00"
4) 330 00 20
6) 135 00 40
Adj) 82 30 07

1) 123° 22' 10"
4) 133° 29' 10"
6) 20 13 40
Adj = 123 22 17

PAGE 37

PAGE 38

N37°30'E 379.98

123°

P-12-C

Set 1" I.P. & L.A. Co. Engineer tag On 10' On line On SE side of small nose

"D" LINE

379.45

SEE PG. 147

283.02	(T=90)	@ 5° 03'	=	281.93	281.93
283.19	(T=90)	@ 5° 23'	=	281.94	
299.18	(T=90)	@ 13° 20' 40"	=	290.95	290.96
299.20	(T=90)	@ 13° 48' 00"	=	290.96	
59.51	(T=58)	@ 18° 05' 00"	=	56.57	56.57
58.95	(T=58)	@ 16° 20' 00"	=	56.57	

629.46

77.67	(T=60)	@ 6° 41'	=	77.13	77.13
77.81	(T=60)	@ 7° 31'	=	77.12	
296.10	(T=60)	@ 11° 52' 30"	=	289.71	289.70
296.42	(T=60)	@ 12° 11' 20"	=	289.69	
105.16	(T=60)	@ 15° 10' 20"	=	101.48	101.47
104.75	(T=60)	@ 14° 21' 20"	=	101.46	

468.30

LOT 1 GRADIDE TRACT

M.B. 14-155-159

5-0 1955

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Date

Survey of SKYLINE OD
JN 0074 23 Tape 102 Std 99.4 °F
Surveyed by L.L. Brown
Notes L.L.B. Date 9-63
Indexed C. J. GALLI

F.B. 2994 Pg. 49

Note: change from Tape #182 to #102 @ P-12 C.

M.B. 14-158-159

49.94 (T=94) @ Lev = 49.94
49.95 (T=94) @ Lev = 49.95 } 49.94

218.21 (T=98) @ 1°03' = 218.19
218.17 (T=98) @ 0°31' = 218.18 } 218.18

AS 33 (T=98) @ 11°56.00" = 44.35
44.12 (T=98) @ 7°44.90" = 44.36 } 44.36

312.48

P-12 D
Set 1" I.P. & Co. ENGR Tag dtn 10" on small Edge going N'ly from NW Cor. SPK

P-12 E
Set 1" I.P. & Co. ENGR Tag dtn 1.2' Lft. on line with On line

Set nail & dtn on 6" in 18" walnut

Set nail underside of 10" Log at 18" walnut 10 3°W

97.01 (T=102) @ 15°02.20" = 93.70 } 93.70
96.48 (T=102) @ 13°50.20" = 93.69 }
269.60 (T=104) @ 6°02.8" = 267.91 } 267.90
269.35 (T=104) @ 6°0.1" = 267.90 }
182.55 (T=102) @ 9°40" = 179.98 } 179.98
182.68 (T=102) @ 9°55" = 179.97 }

54A/58

98.52 @ 9°27' (T=72) = 97.17 } 97.18
98.86 @ 10°32' (T=72) = 97.18 }
156.95 @ 16°40' (T=72) = 156.64 } 156.64
158.92 @ 16°40' (T=72) = 156.65 }
247.82

71.83 @ 12°09' 40 (T=72) = 69.82 } 69.82
72.00 @ 14°04' 00 (T=72) = 69.83 }

Set 2" I.P. Pup 3'

Ed brass cap in ch marked as shown above, at Catalina Tracks. Near over this mark split pine cork. Cam pipe, pipe still used as std.

M.B. 14-158-159

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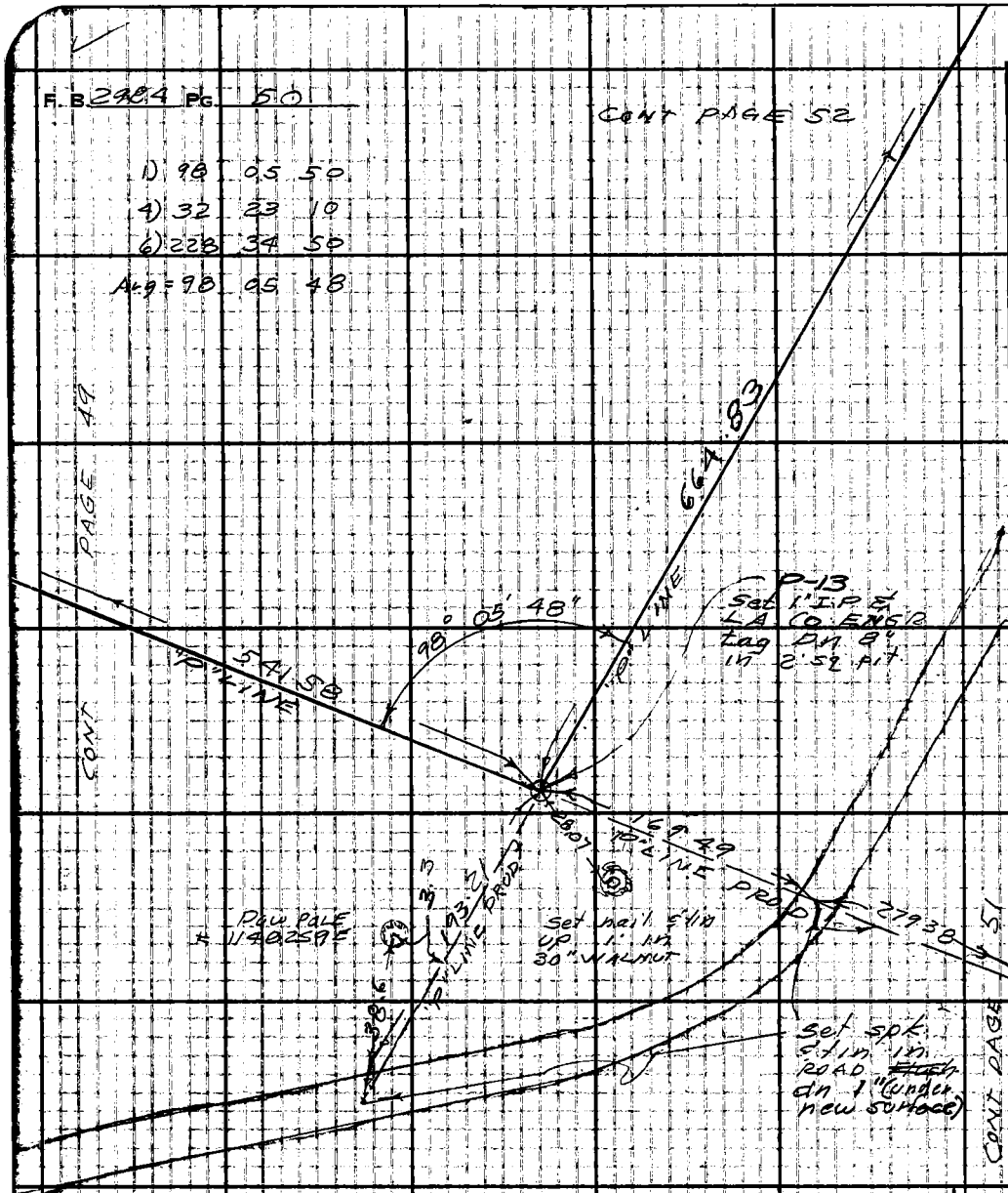
76F 309S CE #3100 d.d.62

F. B. 2984 PG. 50

CONT PAGE 52

1) 98 05 50
4) 32 23 10
6) 228 34 50
Avg = 98 05 48



157.07 (T=102) @ 14° 14' 20" = 152.26 } 152.26
156.66 (T=102) @ 13° 39' 00" = 152.25 }

17.23 (T=102) @ Lev = 17.23 } 17.23
17.23 (T=102) @ Lev = 17.23 }

169.49

Direct (Reverse = 15° 17' 20")
177.86 (T=70) @ 15° 15' 00" = 171.58 } 171.56
177.18 (T=70) @ 14° 28' 00" = 171.54 }
Reverse

21.65 (T=70) Lev = 21.65 } 21.65
21.65 (T=70) Lev = 21.65 }

193.21

M.B. 14-158-159

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Office Work
Checked
Date

Survey of SKYLINE DR
J.N. 2074.33 Tape 102 Std 64° F.
Surveyed by ICI + N. Dir. assist
Notes H.G. Date 9-63
Indexed C. J. GALLI

F.B. 293-1 PG. 57

CONT PAGE 50

R.P. P-13
Set 1" I.P.
L.A. CO. ENGR
trg. P.A.
22° "D" Alone
Pond @ 900
To Centerline Sta
BREA 1939"

53.59 (T=BB) Lev = 53.59
53.59 (T=BB) Lev = 53.59 } 53.59

72.79 (T=BB) @ 21°03'00" = 67.937
72.114 (T=BB) @ 19°42'20" = 67.992 } 67.92

112.51 (T=BC) @ 11°45'30" = 110.153
112.93 (T=BC) @ 12°42'20" = NO.164 } 110.16

47.85 (T=BC) @ 40°25' = 47.713
48.10 (T=BC) @ 7°11' = 47.772 } 47.71

Total: 279.38

RM No 1
Fd Std. U.S.C&GS
REF MARK STAMPED
"R.M. NO.1
BREA 1939"
UP 4"

RM NO 2
Fd STD U.S.C&GS REF
MARK STAMPED
"R.M. NO 2 BREA 1938"

92°13'25"
69.07

Set 2" I.P.
up 3"

GEODETIC CONTROL

Fd. Brass Cap
Monument 12' SE
conc. post up
4" marked
as shown

69.08 (T=CB) Lev = 69.07 } 69.07
69.08 (T=CB) Lev = 69.07 }
56.80 (T=CB) Lev = 56.79 } 56.79
56.80 (T=CB) Lev = 56.79 }
91.11 (T=CB) Lev = 91.10 } 91.11
91.12 (T=CB) Lev = 91.11 }

183.28 (T=BB) Lev = 183.28 } 183.28
183.28 (T=BB) Lev = 183.28 }

M.B. 14-158-159

D: 17° 2C 10"
R: 69 44 40
C) 104 36 50
Avg = 17 26 10

D: 92° 13' 20"
R) 368 55 40
C) 193 20 30
Avg = 92 13 25

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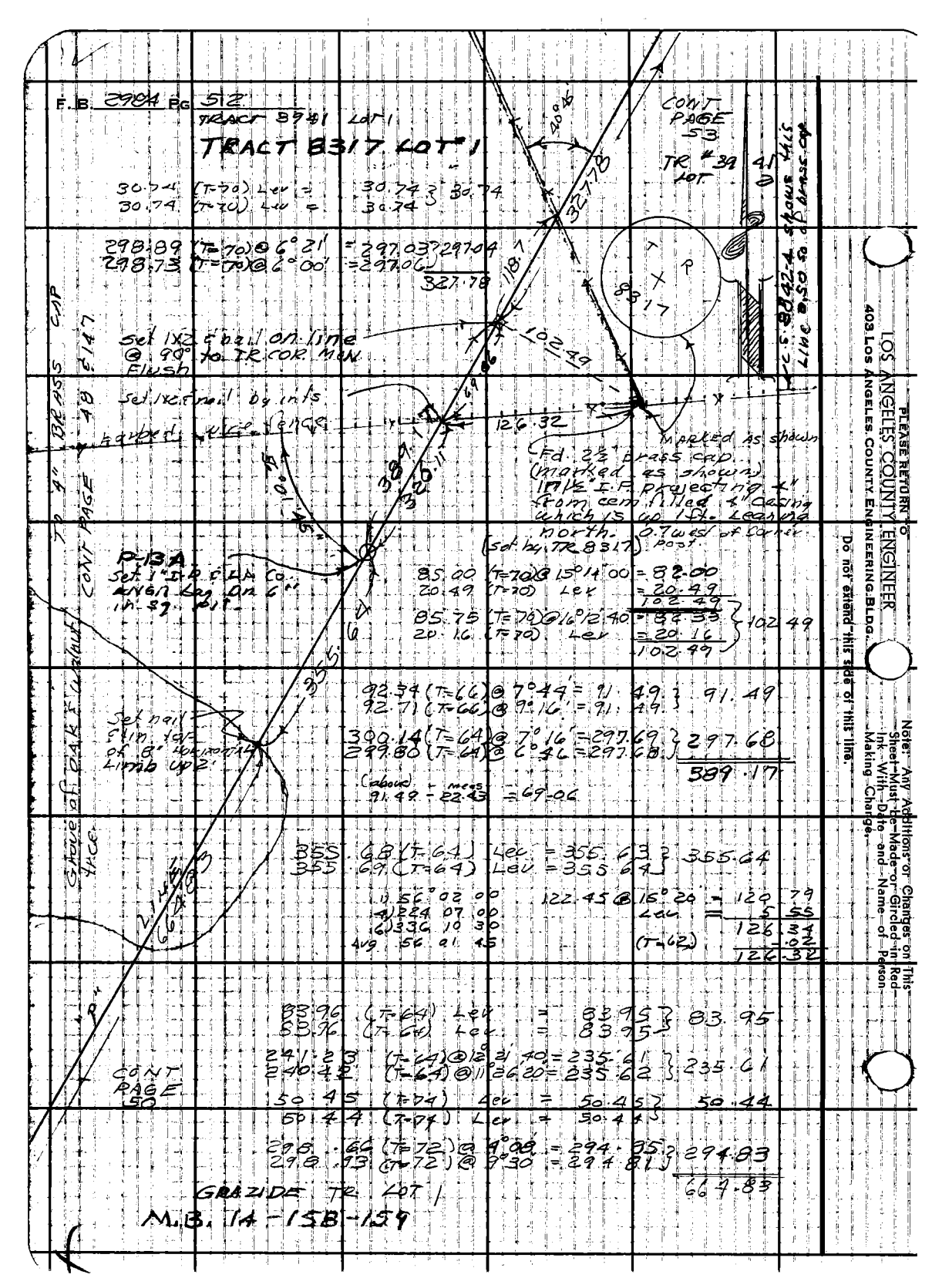
7dF309s CE #3 0 8-62



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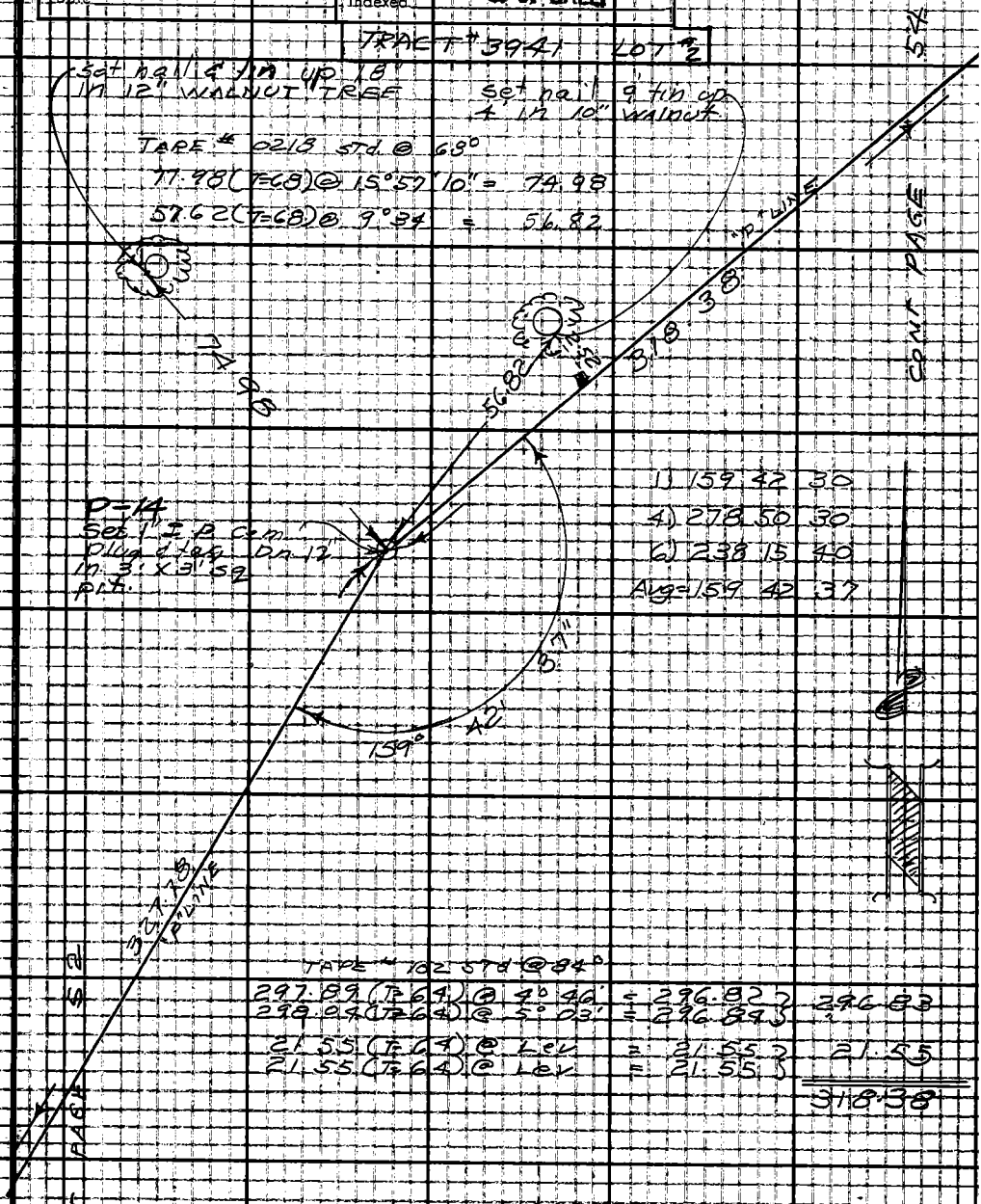
Notes Ck'd by	Survey of SKYLINE DR.
Map No.	JN 007433 Tape 102 Std 84 °F
Office Work	Surveyed by J. H. Brown
Checked	Notes J. H. B. Date Nov. 1963
Date	Indexed C. J. GALLI

F. B. 2984 PG. 53

TRACT # 3941 LOT # 2



TAPE # 102 Std @ 84°

297.89 (T=64) @ 4° 46'	= 296.82	296.83
298.04 (T=64) @ 5° 03'	= 296.84	
21.55 (T=64) @ Lev	= 21.55	21.55
21.55 (T=64) @ Lev	= 21.55	
		318.38

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76F309S CE #310 6-62

F. B. 2984 Pg. 514

62.34 (T=70) @ 7°30' = 61.80 } 61.80
62.51 (T=20) @ 8°40' = 61.79 }

205.08 (T=68) @ 24° 23' 00" = 186.77 } 186.75
205.82 (T=68) @ 24° 51' 40" = 186.73 }

275.43 (T=68) @ 0° 14' = 275.40 } 275.40
275.46 (T=68) @ 0° 44' = 275.41 }

148.61 (T=74) @ 17° 01' 40" = 142.09 } 142.06
147.84 (T=74) @ 16° 05' 00" = 142.04 }

65.59 (T=76) @ 7° 06' = 65.09 } 65.09
65.27 (T=76) @ 4° 16' = 65.09 }

669.30

TRACT 3941 LOT 2

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Map No.	JN 007433 Tape 102 Std 84 °F
Office Work	Surveyed by J. H. Brown
Checked	Notes L.H.B. Date Nov 1963
Date	Indexed C. J. GALLI

LOT 2 TRACT 3941 LOT 3

97.25 (T=76) @ 4°58' = 96.87

84.15 (T=76) @ 2°29' = 84.07

74.9 (T=66) @ 14°42' = 72.4
= 293.7
below → 30.1
396.2

1) 129° 17' 50"
4) 157° 11' 30"
6) 55° 47' 30"
AVG = 129° 17' 55"

30.11 (T=60) Lev = 30.10 } 30.10
30.11 (T=60) Lev = 30.10

300.49 (T=66) @ 12° 08' 40" = 293.73 } 293.72
300.11 (T=66) @ 11° 49' 20" = 293.72

183.97 (T=62) @ 8° 48' = 181.77 } 181.78
184.13 (T=62) @ 9° 05' = 181.79

87.78 (T=62) @ 28° 18' 40" = 77.27 } 77.26
86.88 (T=62) @ 27° 12' 20" = 77.26

59.51 (T=62) @ 20 23 20 = 55.77 } 55.78
60.06 (T=62) @ 21 42 20 = 55.79

42.60 (T=60) @ Lev = 42.59 } 42.59
42.60 (T=60) @ Lev = 42.59

TRACT #3941 LOT 2 681.23

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76F3095 C.E. #310 6-62

F. B. 2984 PG. 56

TRACT 3941 LOT #3

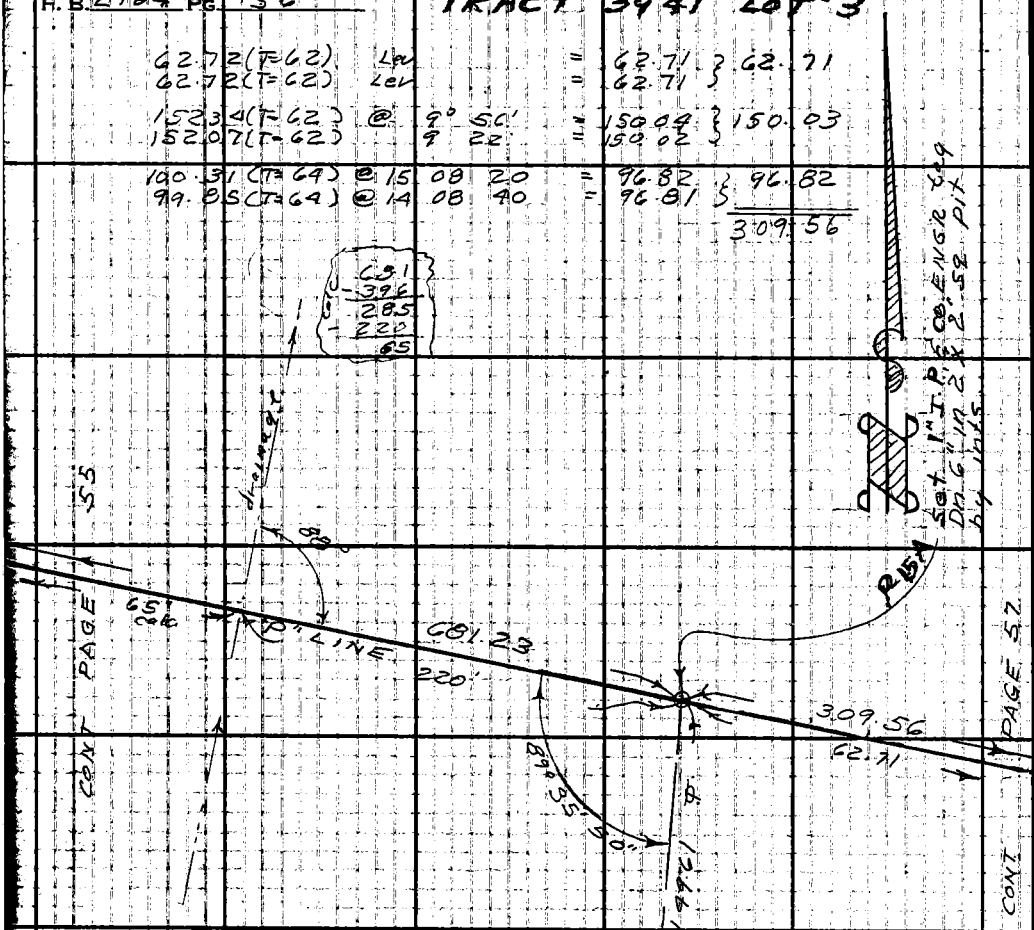
62.72 (T=62) Lev = 62.71 } 62.71
62.72 (T=62) Lev = 62.71

152.34 (T=62) @ 9° 56' = 150.04 } 150.03
152.07 (T=62) 9 22 = 150.02

100.31 (T=64) @ 15 08 20 = 96.82 } 96.82
99.85 (T=64) @ 14 08 40 = 96.81

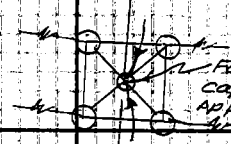
309.56

681
-396
285
-220
65



42.6 (T=60) Lev = 42.6
59.5 (T=62) 20° 23' = 55.8
136.3 (T=62) @ 26° 48' = 121.7
220.1

Line of I.P.s from South produced northly



RP P-15A
Fd. punch mark in capped 1" I.P. up 3" Approx ctr. E.D. Co. Tower # 27-2

72.82 (T=62) @ 18° 23' 20" = 69.09 } 69.10
73.67 (T=62) @ 20° 14' 00" = 69.11

81.96 (T=63) @ 10° 47' 20" = 80.51 } 80.51
82.28 (T=63) @ 17° 50' 40" = 80.52

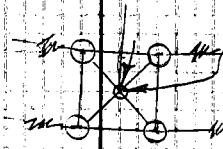
149.61

81.14 (T=70) @ 7° 56' = 80.35

81.37 (T=70) @ 9° 02 = 80.35

Avg = 80.35

1) 89° 35' 40"
4) 358° 23' 10"
6) 177° 34' 50"
Avg) 89° 35' ~~48"~~ 50



RP P-15-A
Fd. 3/4" I.P. & Co. ENGR tag FB 1875-234 Approx. ctr. E.D. Co. Tower # 20-2

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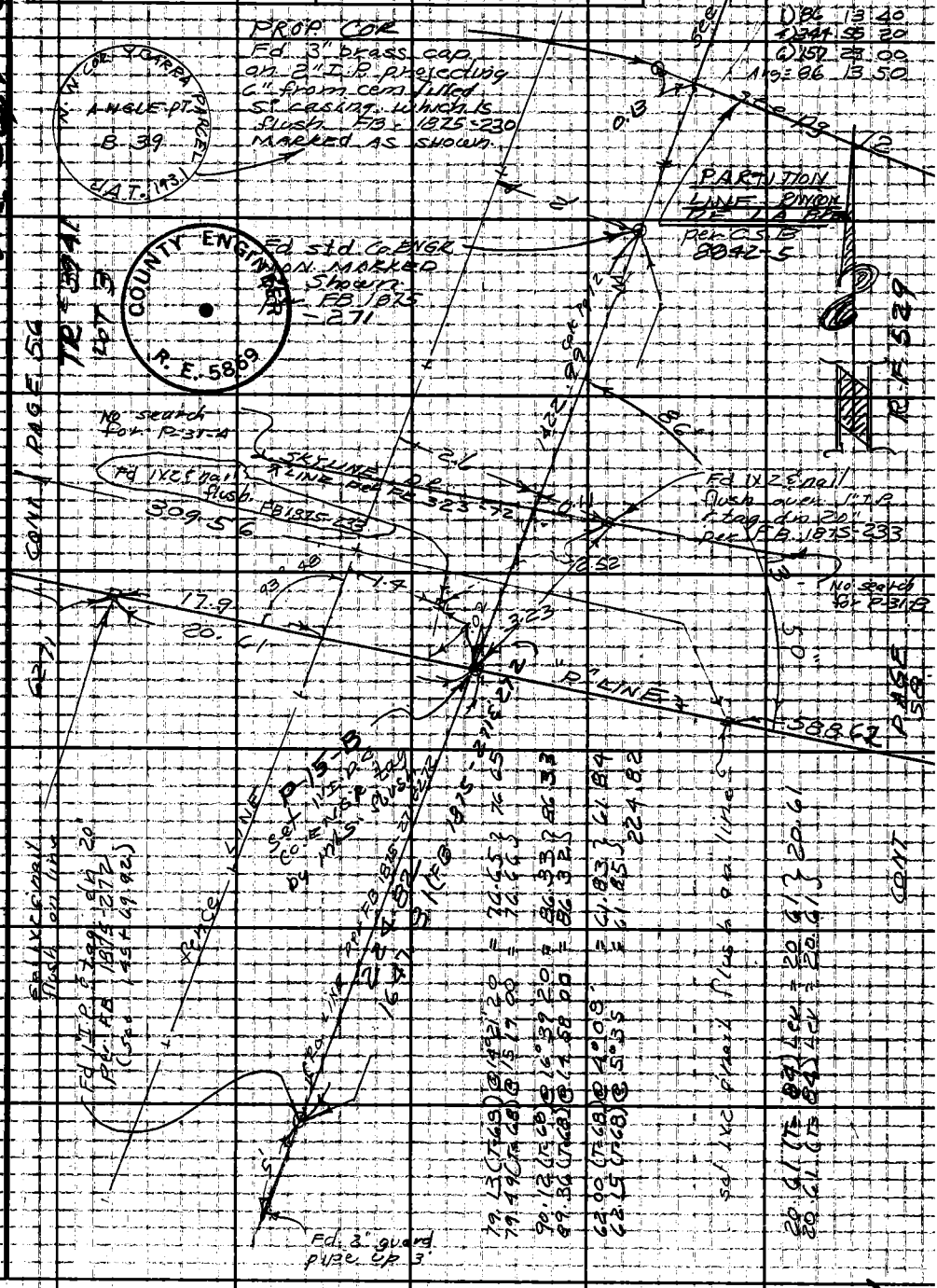
Office Work	Surveyed by J H Brown
Checked	Notes J H B Date 11 63
Date	Indexed C. J. GALLI

F.B. 2984 PG. 57

C.F. 110



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76F309S C.E. #310 6-62

F.B. 2984 PG. 58

RF 529
LOT #1

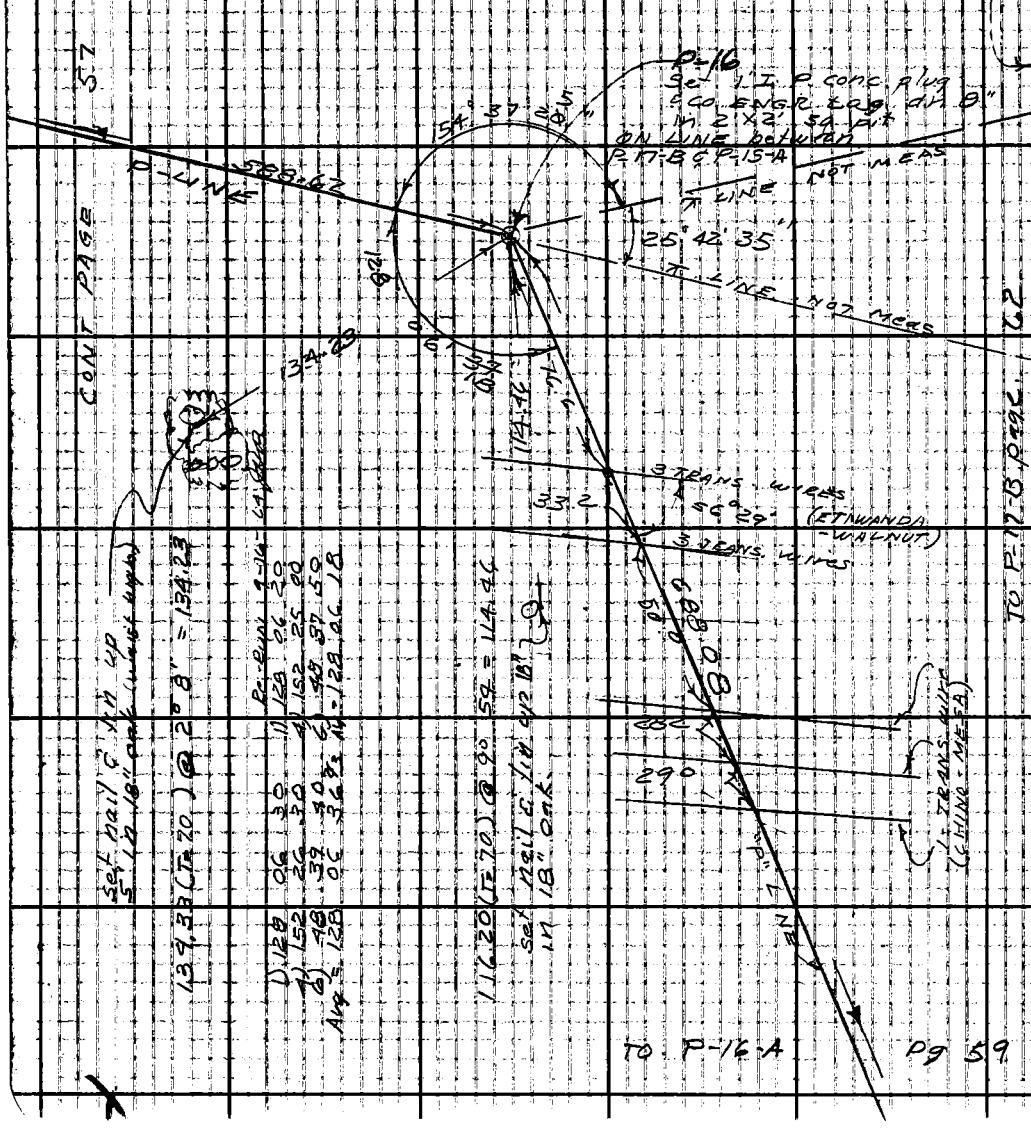
239.02 (T=62) @ 14° 51' 20" = 231.00 } 231.01
239.34 (T=62) @ 15° 07' 40" = 231.02 }

93.58 (T=62) @ 3° 47' = 93.37 } 93.37
93.68 (T=62) @ 4° 33' = 93.37 }

264.34 (T=60) @ 1° 15' = 264.24 } 264.24
264.38 (T=60) @ 1° 34' 264.24 }

588.62

1) 154 37 20 1) 25 22 30
4) 258 29 20 4) 101 30 20
6) 207 44 00 6) 152 15 30
Avg) 154 37 20 Avg = 25 42 35



Set nail & tin up 5" in 18" oak (waist up)

139.33 (T=70) @ 2° 8' = 134.23

Re-Run 9-16-64 (Fair)

1) 128 06 30 1) 128 06 20
4) 152 26 30 4) 152 25 00
6) 48 39 40 6) 48 37 50
Avg = 128 06 36 Avg = 128 06 18

116.20 (T=70) @ 90° 54' = 114.46

Set nail & tin up 18" in 18" oak

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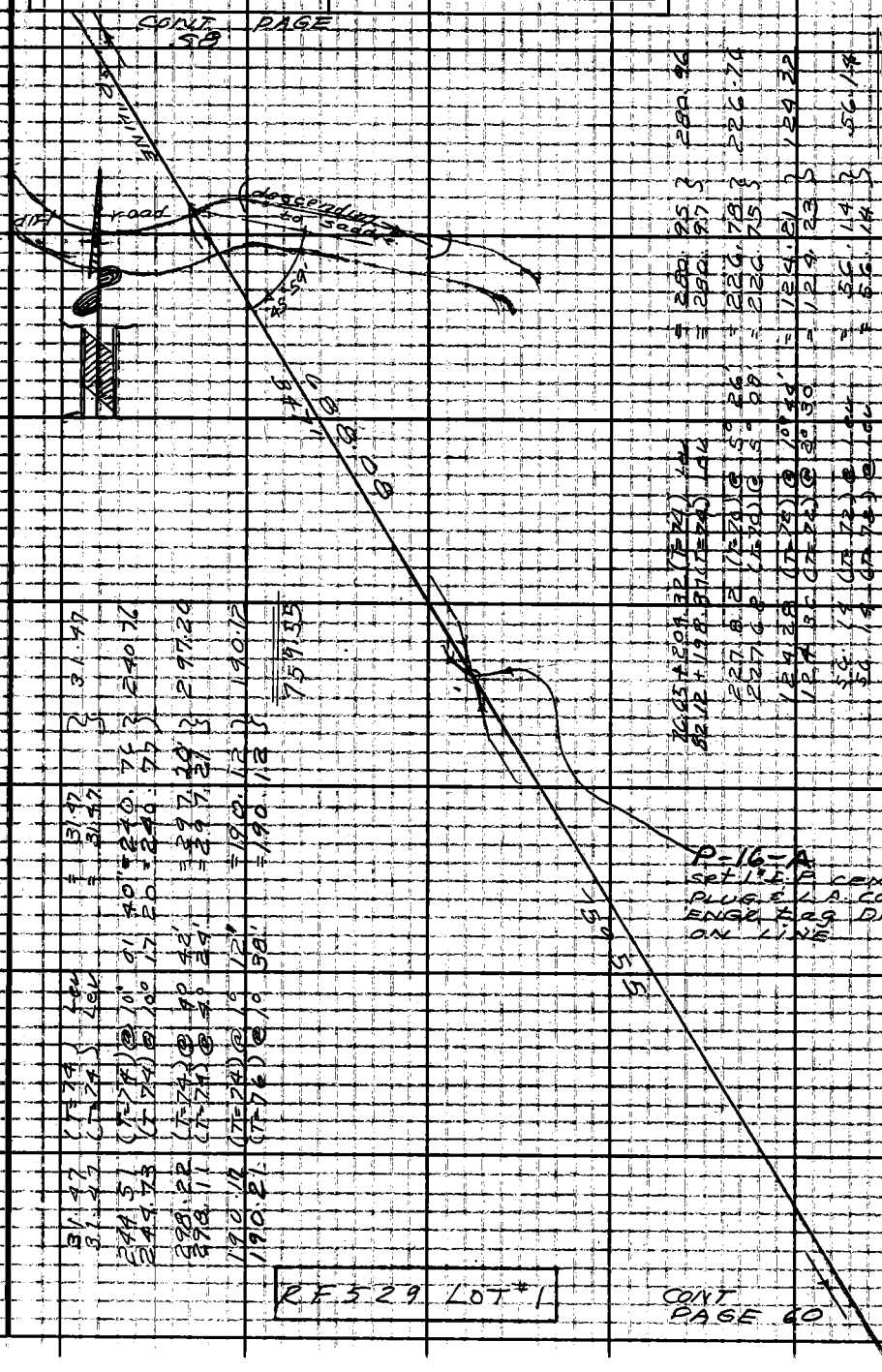
Checked	Notes J. H. B. Date 12-63
Date	Indexed C. J. GALLI

F.B. 2984 PG. 59

CONT. PAGE 58



31.47	(T=74) Lev	= 31.47	31.47
31.47	(T=74) Lev	= 31.47	
244.51	(T=74) @ 10° 01' 40"	= 240.76	240.76
244.73	(T=74) @ 10° 17' 20"	= 240.77	
298.22	(T=74) @ 4° 42'	= 297.20	297.20
298.11	(T=74) @ 4° 24'	= 297.21	
190.17	(T=74) @ 1° 12'	= 190.12	190.12
190.21	(T=76) @ 1° 38'	= 190.12	
			759.55

76.65 + 204.32 (T=74) Lev		= 280.95	280.96
82.12 + 198.37 (T=74) Lev		= 280.97	
227.82 (T=70) @ 5° 26'		= 226.78	226.70
227.68 (T=70) @ 5° 08'		= 226.75	
124.28 (T=72) @ 10° 40'		= 124.21	124.22
124.30 (T=72) @ 2° 30'		= 124.23	
56.14 (T=72) @ Lev		= 56.14	56.14
56.14 (T=72) @ Lev		= 56.14	
			688.08

RF 529 LOT #1

CONT. PAGE 60

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F.B. 2994 PG. 60

CONT PAGE 59

1	67	21	00
2	CCP	24	00
3		06	00
AVG	67	21	00

RF 529
LOT #1

PASS

CONT PAGE 61

1221.88

S 80° 24' 00" E 1221.88

S 43° 20" E

30.5 Dirt Road

"P" LINE

1159.55

See pg 145

TREE TWIN L BARRA & MENCHEGO PARCELS ANGLE PT. B 27 DAT. 1931

C 7° 21' 00"

R = 1145.92

L = 1470.00

30°

17°

RP RP-17
Fd 3" brass cap o.n.
2" I.P. projecting 6"
Stamped S. Exp. filled
Casting which is up 4"
Marked as shown above
No ref. in field. (See RF 529)
(INDEX MAR)

SW 60° 05' 1221.23
SW 59° 55' 00" = 1235.92

RP RP-17
Set I.P.L.P. cap
plug & tag dvl.
by dead end angle
Dam E-21 SW¼
thence E-17 used
for Line NE¼

NOTE

BARBED WIRE FENCE 2 POSTS P.L.

W	30	48	50
S	123	15	10
W	184	53	30
NW	30	48	55

W	59°	00	00
S	236	00	00
W	359	00	00
NW	59°	00	00

LOT 1 GRAZING TRACT

Set 110 N Mang

Set 2" guard 1.1.1.c. 4" 3"

68°

"P" LINE NOT NICKS

N.Y. MENCHEGO

299	25	673	@ 8° 24' = 66.6
298	25	91.80	@ 0° 32' = 91.8
295	30		
295	30		
290	30		
290	30		
299	25		
299	25		

RP RP-17
Fd 3" brass cap o.n. 2" I.P.
projecting 6" from R.S.
Cem filled casing up 4"
MARKED AS SHOWN
No REF. IN FIELD (See R.F. 529)
(In small gully)

BARRA & MENCHEGO PARCELS ANGLE PT. B 26 DAT. 1931

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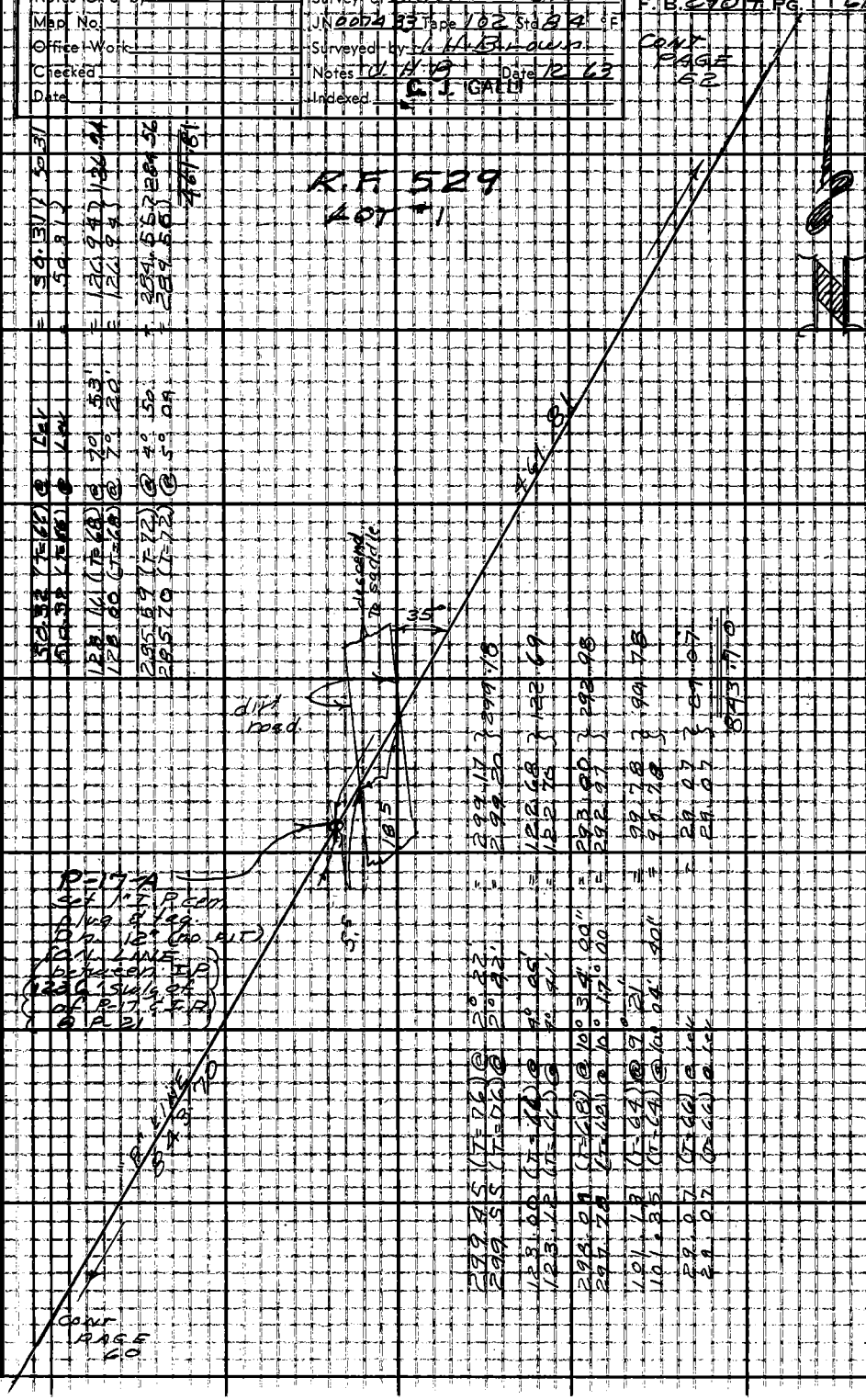
Map No.	JN 0074 83 Tape 102 Std 84 °F
Office Work	Surveyed by L. H. Brown
Checked	Notes J. H. B. Date 12 63
Date	Indexed C. J. GALLI

F. B. 2984 PG. 61

CONT. PAGE 62

R.F. 529
LOT #1



50.32 (T=66) @ Lev	= 50.31	50.31	
50.38 (T=66) @ Lev	= 50.31		
128.16 (T=68) @ 7° 53'	= 126.94	126.94	
128.00 (T=68) @ 7° 20'	= 126.94		
295.59 (T=72) @ 4° 50'	= 284.56	284.56	
295.70 (T=72) @ 5° 09'	= 289.56		
		461.81	

299.45 (T=76) @ 2° 22'	= 299.17	299.78	
299.55 (T=76) @ 2° 42'	= 299.20		
123.00 (T=66) @ 4° 05'	= 122.68	122.69	
123.12 (T=66) @ 4° 41'	= 122.70		
298.09 (T=68) @ 10° 34' 00"	= 293.00	292.98	
297.78 (T=68) @ 10° 17' 00"	= 292.97		
101.13 (T=64) @ 9° 21'	= 99.78	99.78	
101.35 (T=64) @ 10° 04' 40"	= 99.78		
29.07 (T=66) @ Lev	= 29.07	29.07	
29.07 (T=66) @ Lev	= 29.07		
		843.70	

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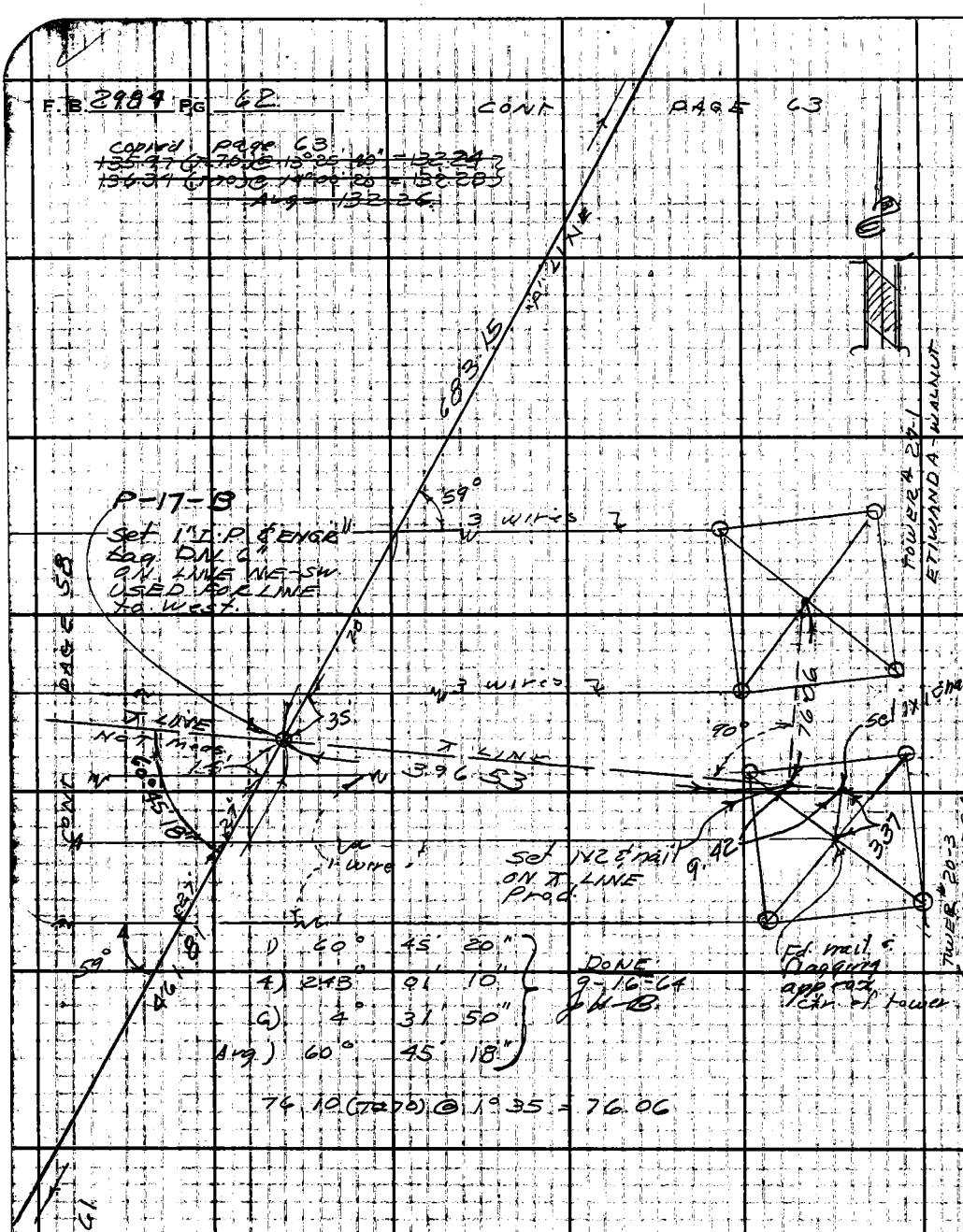
76F3095 C.E. #310 6-62

F.B. 2984 PG 62 CONT PAGE 63

copied page 63
~~135.97 (T=70) @ 13°25'40" = 132.24~~
~~136.34 (T=70) @ 14°00'20" = 132.28~~
~~Avg = 132.26~~



1)	60°	45'	20"	DONE 9-16-64 JH-B
4)	248°	01'	10"	
6)	4°	31'	50"	
Avg)	60°	45'	18"	

76.10 (T=70) @ 1° 35 = 76.06

CONT PAGE 61

256.78 (T=68) @ 19 52 40	= 241.45	}	241.50
257.52 (T=68) @ 20 16 00	= 241.55		
118.54 (T=68) @ 19 13 00	= 111.93	}	111.91
118.07 (T=68) @ 18 35 20	= 111.90		
43.14 (T=68) @ 1° 42'	= 43.12	}	43.12
43.25 (T=68) @ 4° 16'	= 43.13		
			396.53

R.F. 529 LOT 1

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Map No.	JN 0074 33 Tape 102 Std 84 °F
Office Work	Surveyed by A.H. Brown
Checked	Notes A.H.B. Date 12 63
Date	Indexed C. J. GALLI

F.B. 2984 PG. 63

CONT PAGE 64

R.F. 529 LOT #1

295.27 (T-70) @ 4°19' = 294.40 } 294.40
295.36 (T-70) @ 4°33' = 294.40 }
156.70 (T-70) @ 6°19' = 155.74 } 155.73
156.59 (T-70) @ 5°59' = 155.73 }
450.13

set nail in rock outcrop

139.84 (T-72) @ 16°52' = 138.81
269.92 (T-72) @ 20°36' = 269.62

set nail in rock outcrop

450.13
269.62

138.81

P-17-C

Set 1" I.P. & L.A. Co. ENGR. tag D.n. 6" on line bet. I.P. 1236' sw'ly of P-17 & P-21

79.67

Set nail in rock outcrop

P-17-C

683.15

81.11 (T-72) @ 10°47' = 79.67

135.97 (T-70) @ 13°25'40" = 132.24 } 132.26
136.34 (T-70) @ 14°00'20" = 132.28 }
28.67 + 64.51 (T-70) Lev = 93.12 } 93.16
29.42 + 63.75 (T-70) Lev = 93.16 }
292.76 (T-70) @ 20°25' = 292.47 } 292.47
292.71 (T-70) @ 20°11' = 292.47 }
131.72 (T-70) @ 10°35'20" = 129.47 } 129.46
131.97 (T-70) @ 10°01'20" = 129.45 }
35.80 (T-70) @ Lev = 35.80 } 35.80
35.81 (T-70) @ Lev = 35.81 }
683.15

CONT PAGE 62

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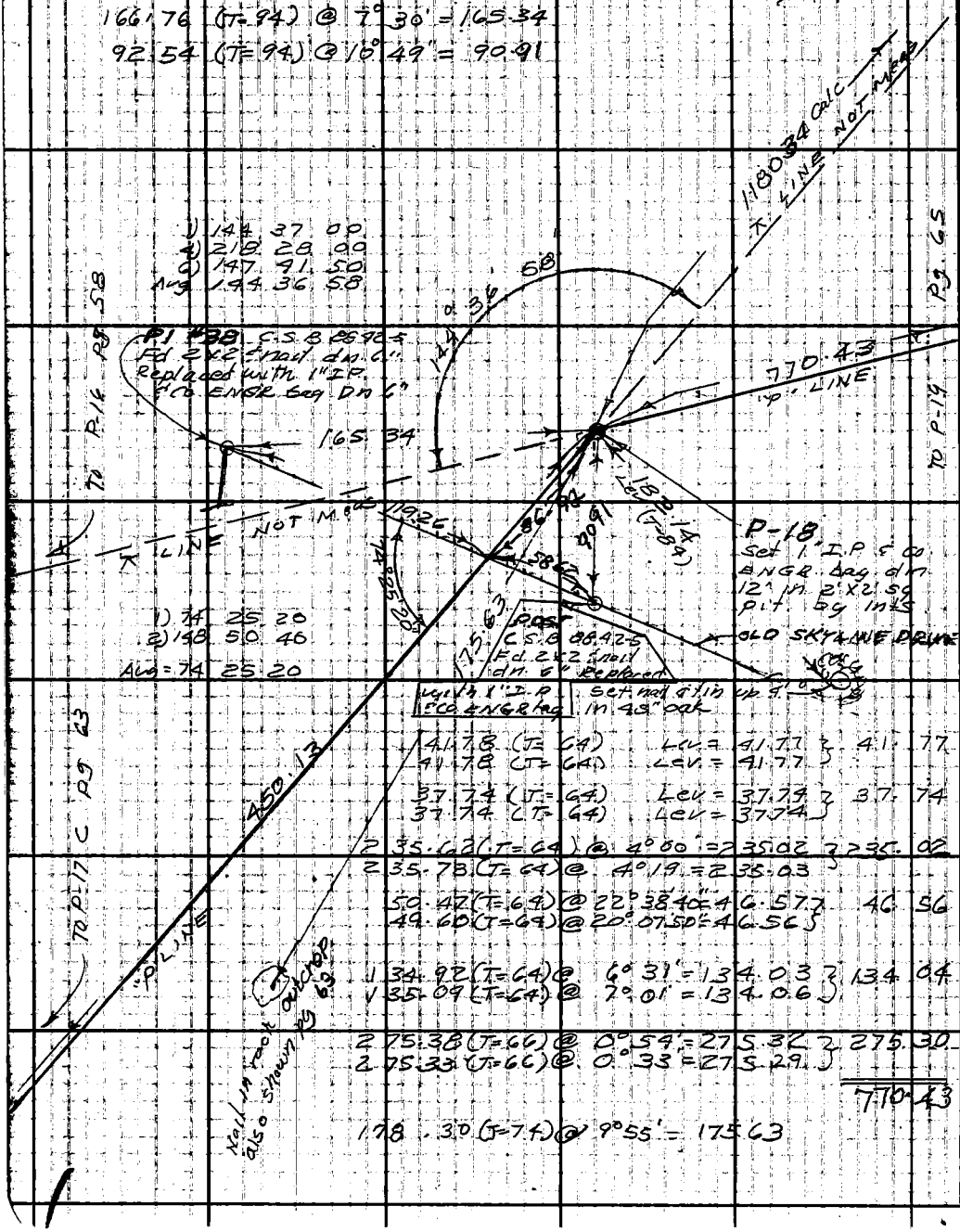
76F309S C.E. #3 10 6-62

F.B. 2984 PG 64

R.F. 529 LOT #1

123.30 (T=94) @ 14°43' = 119.26
59.11 (T=94) @ 7°23' = 58.62
88.17 (T=94) @ 9°41' = 86.92
166.76 (T=94) @ 7°30' = 165.34
92.54 (T=94) @ 10°49' = 90.91



41.78 (T=64) Lev = 41.77 } 41.77
41.78 (T=64) Lev = 41.77

37.74 (T=64) Lev = 37.74 } 37.74
37.74 (T=64) Lev = 37.74

235.62 (T=64) @ 4°00' = 235.02 } 235.02
235.78 (T=64) @ 4°19' = 235.03

50.47 (T=64) @ 22°38'40" = 46.57 } 46.56
49.60 (T=64) @ 20°07'50" = 46.56

134.92 (T=64) @ 6°31' = 134.03 } 134.04
135.09 (T=64) @ 7°01' = 134.06

275.38 (T=66) @ 0°54' = 275.32 } 275.30
275.33 (T=66) @ 0°33' = 275.29

770.43

178.30 (T=74) @ 9°55' = 175.63

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Map No.	JN 0074.33 Tape 102 Std 84 °F
Office Work	Surveyed by Hill Brown
Checked	Notes 11 H.B. Date 1-7-64
Date	Indexed C. J. GALLI

F.B. 2984 PG. 65

CONT PAGE 66

Helescope
compass needle
T compass
Set for declination = 16°55'E

153.56 (T=64) @ 2.19 = 153.42
153.66 (T=64) @ 2.55 = 153.44 } 153.43
60.83 (T=66) @ Lev = 60.82
60.83 (T=66) @ Lev = 60.82 } 60.82
45.36 (T=68) @ Lev = 45.36
45.36 (T=68) @ Lev = 45.36 } 45.36
86.22 (T=66) @ 20°01'00" = 81.00
85.43 (T=66) @ 18°33'20" = 80.98 } 80.99
298.65 (T=66) @ 30°27' = 298.08
298.56 (T=68) @ 30°09' = 298.08 } 298.08
71.23 (T=66) Lev = 71.22
71.23 (T=66) Lev = 71.22 } 71.22
709.90

N 1°00'E (compass)
P LINE

Set Cem nail
N.W. cor of 24"
x 18 boulder
up 1 ft

709.90

T.2S. R.9 W.

T.2S. R.10 W.

1) 105° 40' 50"
2) 62 43 10
3) 274 05 00
Avg 105 40 51½

S 70°30' W (compass)

Set nail & tin
bottom of 16" limb
of 20" oak

PAGE 64

"P" LINE 43
770

N 15°E
DIST TRACK RD

Set nail in
top of 30"x18"
boulder up 12"
TBM #7 Pg 131

P-19
Set 1" I.P. & L.A. Co.
ENGR Tag ON 12"
in 2x2 sq. pit

Small saddle

R.F. 529 LOT #1

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76F309S CE #3 0 6-62

F.B. 2984 Pg 66

R.F. 529 LOT #1

299.84 (T=56) @ 6°50' = 297.66
299.52 (T=56) @ 6°24' = 297.60
299.55 (T=56) @ 6°24' = 297.63
299.70 (T=56) @ 6°44' = 297.58 } 297.62

49.46 (T=54) @ 1°31' = 49.43
49.52 (T=54) @ 3°05' = 49.44 } 49.44

49.10 (T=54) @ 18°34'40" = 46.53
48.81 (T=54) @ 17°35'00" = 46.52 } 46.52

393.58

1 120.60 (T=70) @ 8°34' = 119.24
2 299.42 (T=72) @ 1°26' = 299.31
2 216.16 (T=70) @ 3°12' = 215.80
634.35

98.27 (T=78) Lev = 98.27
205.03 (T=76) @ 1°56' = 204.90
303.17

126.02 (T=80) @ 0°09' = 125.58

1) 43 56	40	1) 161	01 00
4) 175 46	30	4) 284	03 20
6) 263 39	20	6) 246	05 20
Avg 43 56	33	Avg 161	00 53

P-20
set 1" I.P. C.L.A. Co. ENGR. tag on 6" in 2 x 2 sq. pt. on line between P-17-C & P-21

1) 38°56' 20
4) 155 45 20
6) 233 38 00
Avg = 38 56 20

LOT #1
R.F. 529
CONT PAGE 64

CONT PAGE 65

"P" LINE 709.90

"P" LINE

393.58

43°56'33"

303.17

43.8

5' oak

OLP SKYLINE DR

23.00

52.36

43.64

38°56' 20"

set cem nail in 30" x 16" boulder up 8"

set nail in rock outcrop

set nail stm up 3' in 6" oak

52.50 @ 4°15' = 52.36

23.06 @ 4°07' = 23.00

To Page 77 Lower Left

161° 00' 53"

634.35

125°41'10"

Fd 2x2 nail on 6" post C.S. 8842.5

Fd 2x2 nail on 6" post C.S. 8842.5

Pt #43 C.S. B 8842.5 Fd 2x2 (Replaced) Dn 6" Replaced with 1" I.P. Engr tag

CONT PAGE 67

2) 251 22 20
Avg 125 41 10

0.26

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Map No.	JN 0074-33 Tape 102 Std 84 °F
Office Work	Surveyed by J.H. Brown
Checked	Notes J.H.B. Date 1-10-64
Date	Indexed C. J. GALLI

F.B. 2984 PG. 67

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LEONARDO YBARRA

300.91 (T=72°) @ 7°10' = 298.54 } 298.55
300.97 (T=72°) @ 7°13' = 298.57 }

3.05 (T=72) @ Lev = 3.05 } 3.05
3.05 (T=72) Lev = 3.05 }

301.60

(HI = ROD.)
98.1 (T=72) 11°22' = 96.2

P-20-A
Set 1" I.P. & Co. ENGR. tag. On 4" by ints. (= 36+19.32 from west to east)

P-20-B
Set L.S. Co. ENGR. tag flush on line in rock outcrop

1) 50 06 20
4) 200 25 10
6) 300 37 50
Avg) 50 06 18

Wire to press cap on Mon. Pole 57

Dist. to N. Line 76

Set nail on line @ 90° (35+40.30)

572.05

79.02

7.00

96.2

301.60

50° 06' 18"

557.79

barbed wire fence

Fd 1½" I.P. cem. plug & tag L.S. 2428 up 7" No. Ref.

393.58

17.01 + 22.22 (T=70) Lev = 39.23 } 39.22
17.78 + 21.44 (T=70) Lev = 39.22 }

300.06 (T=68) Lev = 300.09 } 300.01
300.16 (T=68) @ 1°43' = 300.00 }

192.49 (T=68) @ 9°47' = 189.67 } 189.65
191.99 (T=68) @ 8°57' = 189.63 }

297.01 + 33.64 + 37.25 (T=70) Lev = 367.88 } 367.88
298.88 + 33.18 + 35.84 (T=70) Lev = 367.87 }

896.76

34.29 (T=66) Lev = 34.29
45.49 (T=66 @ 10°22'20" = 44.74
79.03 } 79.02
80.28 (T=66) @ 10°08'20" = 79.02 }

R.F. 529 - LOT 1

Line to Stone Page 77
Dist. to 1x2 dead 79.77
CONT PAGE 77

CONT PAGE 66

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76F309S CE #310 6-62

F.B. 2984 PG 68

63.84 (T=66) @ 5°40' = 63.53 } 63.53
64.08 (T=66) @ 7°25' = 63.53 }

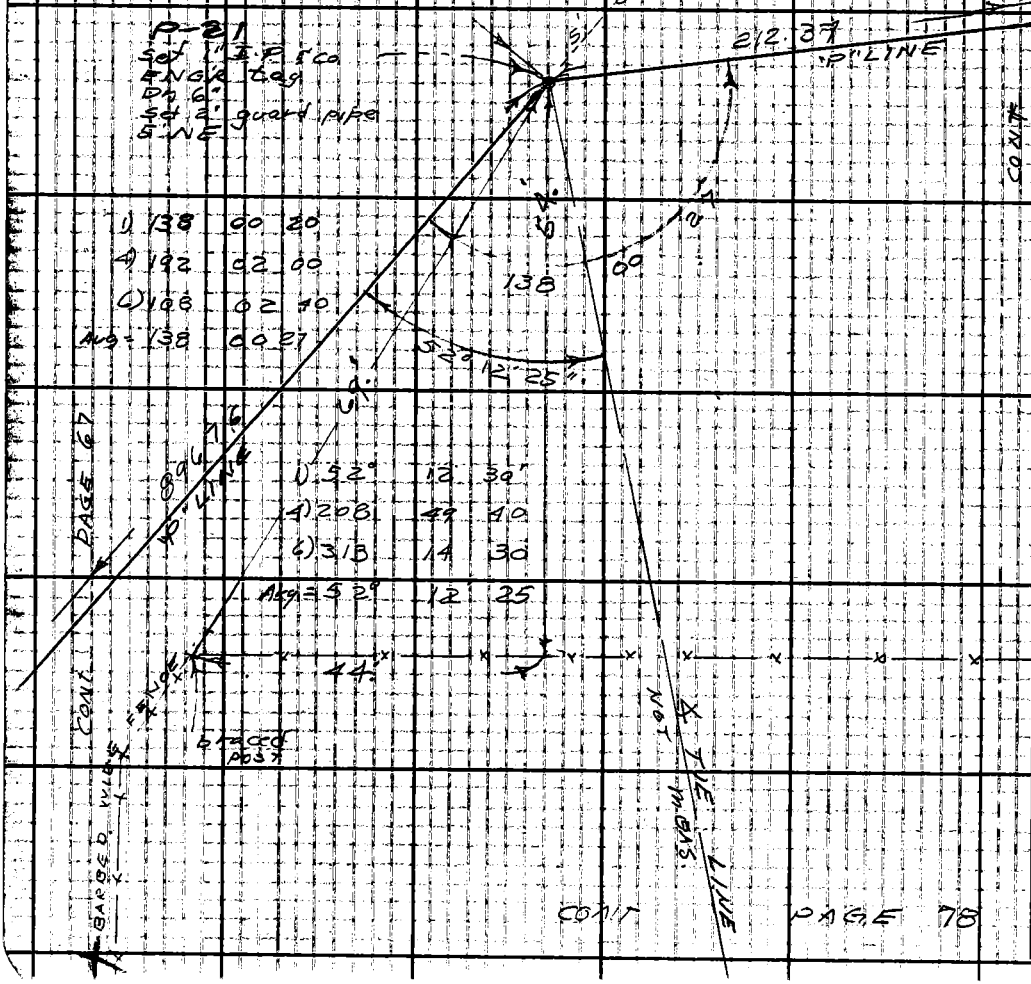
88.31 (T=68) @ 16°32'40" = 84.64 } 84.64
87.56 (T=68) @ 14°51'00" = 89.63 }

66.32 (T=70) @ 14°31'00" = 64.19 } 64.20
66.92 (T=70) @ 16°20'00" = 64.21 }

212.37

1x1 in
1 pt. dia. hole
top of hill

Set std L.A. Co brass cap
BM. Mush 6-64 [illegible]



1) 138	00	20
4) 192	02	00
6) 108	02	40
Avg = 138	00	27

1) 52°	12	30'
4) 208	49	40
6) 313	14	30
Avg = 52°	12	25

CONT PAGE 78

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Notes Ck'd by	Survey of SKYLINE DRIVE
Map No.	J.N. 0074.33 Tape 67 Std 84° °F
Office Work	Surveyed by J.H. Brown
Checked	Notes J.H.B Date 2-64
Date	Indexed C. J. GALLI

F. B. 2984 PG. 69

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76F309S CE #30 6-62

F.B. 2984 PG 70

TR 2889

1)	137	23	40
4)	189	36	40
6)	104	24	00
Avg =	137	24	00

T Bearing = N 41°25' E 71

545.53

CONT PAGE 71

PAGE 69

CONT

T Bearing = S 84°10' W

P LINE 594.73

P LINE 202.90 = 202.92

00 = 202.91

24' 60'

137°

18.17

19.63

Set nail & tin in 14" Calif. Holly up 12'

Set 1" I.P. Cem plug CLA @ ENG'R TAG DN 6'

Set nail & tin in 7" tree up 18'

P-22

207.45 (T=72) @ 12° 00' 00 = 132.06
207.11 (T=72) @ 11° 31' 00 = 132.08
Avg = 132.05

133.21 (T=70) @ 7°32' = 132.05
133.39 (T=70) @ 8°00' = 132.08

171.46 (T=72) @ 21° 02' 00" = 160.03
172.21 (T=72) @ 21 37 20" = 160.08

50.51 (T=72) Lev = 50.51
33.58 + 16.93 (T=72) Lev = 50.51

545.53

242.95 (T=74) @ 12° 23' 00 = 237.28
242.46 (T=74) @ 11° 55' 00 = 237.22 } 237.06

99.04 (T=74) @ 0° 28' = 99.03
99.03 (T=74) @ Lev = 99.02 } 99.02

120.51 (T=74) @ 8° 09 = 119.28
120.29 (T=74) @ 7° 18 = 119.25 } 119.26

139.65 (T=76) @ 3° 29' = 139.38
139.77 (T=76) @ 4° 08' = 139.40 } 139.39

594.73

T North 16°55'

Mag. North

TR 2888

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

Survey of SKYLANE DR
JN 4079.33 Tape C7 Std 84 °F
Surveyed by H. Brown
Notes ch. H.B. Date 2- 64
Indexed C. J. GALLI

F.B. 2984 PG. 71

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76F309S CE #30 6-62

F. B. 2984 PG 72 See FB 1875-271

LEONARDO YBARRA

LOT 3
TR 3941

Fd 3/4" I.P. & Co. ENGR tag
Dn 15" USED FOR LINE
FB 1875-271

2442.67 R
- .03 (sin 14°35' x 0.13)
(calc) 2442.64

1) 75° 34' 40"
4) 302 18 30"
6) 93° 27 50"
Avg) 75° 34' 38"

16° 56'
NORTH
MAG NORTH

Rº LA PUENTE

BRASS CAP MON
MARKED "NW COR
YBARRA PARCEL
ANGLE PT B-39"
page 57

T = 58°
47.76 @ 14°42'00" = 46.18
47.06 @ 11°06'00" = 46.17
Avg = 46.18

PARTITION LINE Rº LA BREA

Rº LINE 2442.64 (calc)

Set nail by dead end wiggle top of ridge

Set nothing

0.39

0.13 meas

75° 34' 38"

46.18
- .52
45.66

Of 45.66
Set 1" I.P. Cem plug
& L.A. Co ENGR tag
flush @ 90° to
2' offset Line

45.66

set P.M.
@ 0 to going east

Set nail
by int.

2' offset Line

46.18

90°

376.02

CONT. PG. 73

Set nail
on 2' offset
LINE

64.90 Lev = 64.90
86.83 @ 7°20' = 86.12
126.44 @ 7°40' 120.48
(T = 64) 271.50 = 271.46

Set nail 2.00
off @ 90°

sin 14°35' x 0.13 = 0.03
FB 1875-271 = 273.44
calc 273.47

P.O.T.
Fd Co ENGR
MON FLUSH
page 57
FB 1875-271
FB 2984-57

1) 179 59 56
4) 360 00 00
6) 0 00 10
Avg) 180 00 02

FB 1877-271
1647.81
224.82 Pg 57
1422.99 Calc

TO 1" I.P. & tag in's
P. LINE & Rº LINE
Page 57 USED FOR LINE

JESUS YBARRA

LOT 3
TR 3941

Rº RINCON DE LA BREA

COUNTY ENGINEER
R.E. 5869

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Notes Ck'd by	Survey of SKYLINE DRIVE	F.B. 2984 PG. 73
Map No.	JN 0074 33 Tape 67 Std 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J. H. B. Date 3-64	
Date	Indexed C. J. GALLI	

40.46 (T=60) Lev = 40.45 } 40.45
40.46 (T=60) Lev = 40.45

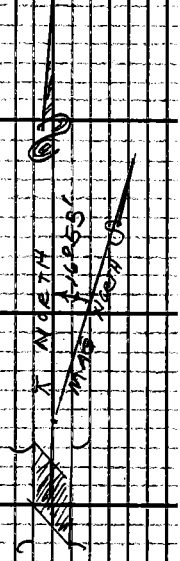
292.42 (T=60) @ 5°51' = 290.85 } 290.85
292.59 (T=60) @ 6°10' = 290.85

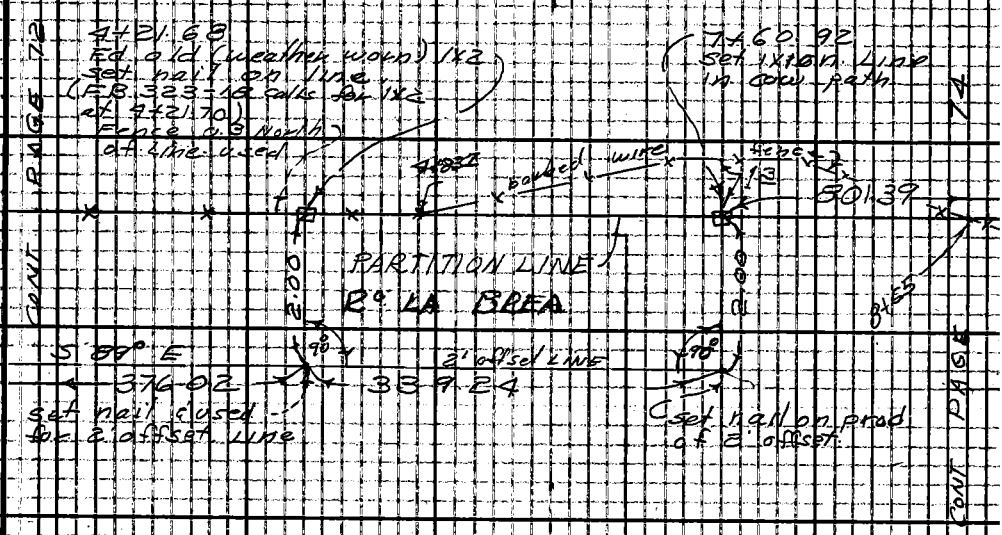
44.73 (T=60) Lev = 44.72 } 44.72
44.73 (T=60) Lev = 44.72

376.02

213.02 (T=60) Lev = 212.99
126.93 (T=60) @ 5°52' = 126.25
339.24

214.06 (T=60) Lev 214.03
125.90 (T=60) @ 5°54' 125.21
339.24 } 339.24





94.74 (T=66) 4°01' = 94.50 94.50
94.64 (T=66) 2°59' = 94.50

293.79 (T=66) @ 2°23' = 293.51 293.52
293.92 (T=66) @ 2°49' = 293.53

188.24 (T=64) @ 12° 11' 20" = 183.98 183.97
189.26 (T=66) @ 13° 34' 00" = 183.96

90.45 (T=64) @ 7° 08' = 89.74 89.74
90.68 (T=64) @ 8° 11' = 89.75

69.35 + 70.33 (T=64) Lev = 139.66 139.66
68.15 + 71.53 (T=64) Lev = 139.66

801.39

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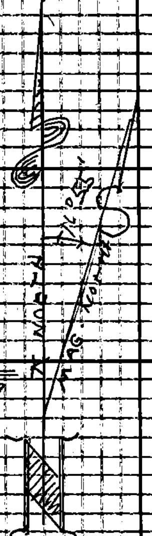
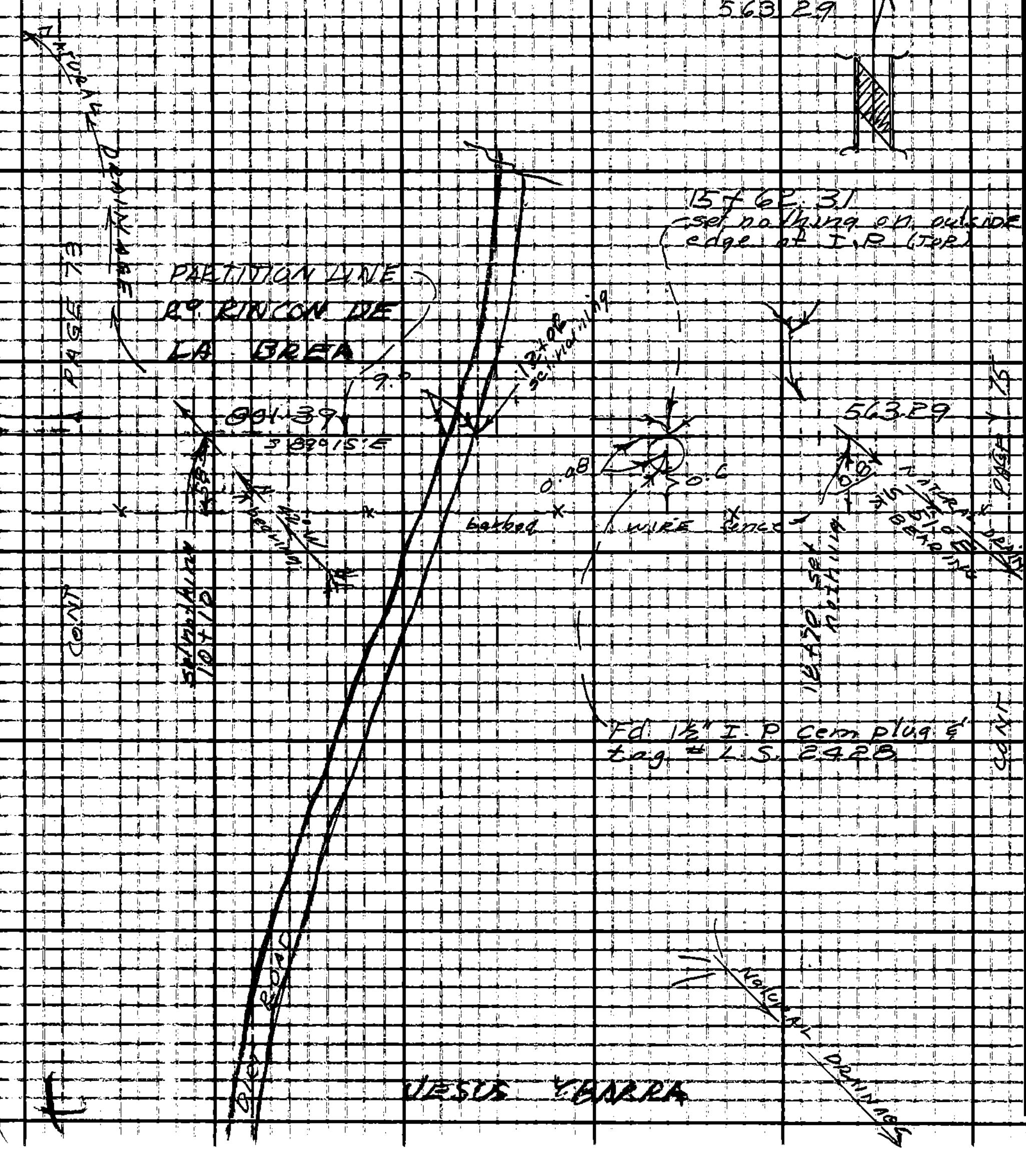
76F309S CE #310 6-62

F. B. 2984 Pg. 14

LEONARDO YBARRA

62.52 (T=66) @ 14°58' 00"	= 60.39	} 60.39
62.06 (T=66) @ 13°17' 30"	= 60.39	
108.44 (T=60) @ 23°53' 20"	= 99.13	} 99.12
107.68 (T=60) @ 22°58' 20"	= 99.12	
91.00 (T=64) @ 23°47' 00"	= 83.26	} 83.26
91.88 (T=64) @ 24°59' 00"	= 83.27	
258.82 (T=64) @ 1°55'	= 258.65	} 258.66
258.87 (T=64) @ 2°03'	= 258.67	
62.48 (T=68) @ 7°58'	= 61.87	} 61.86
62.72 (T=63) @ 9°28'	= 61.86	
		563.29





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Notes Ck'd by	Survey of SKYLINE DRIVE
Map No.	JN 0074 33 Tape 67 Std 84 °F
Office Work	Surveyed by J.H. Brown
Checked	Notes J.H.B. Date 3-64
Date	Indexed C. J. GALLI

F.B. 2984 Pg. 75

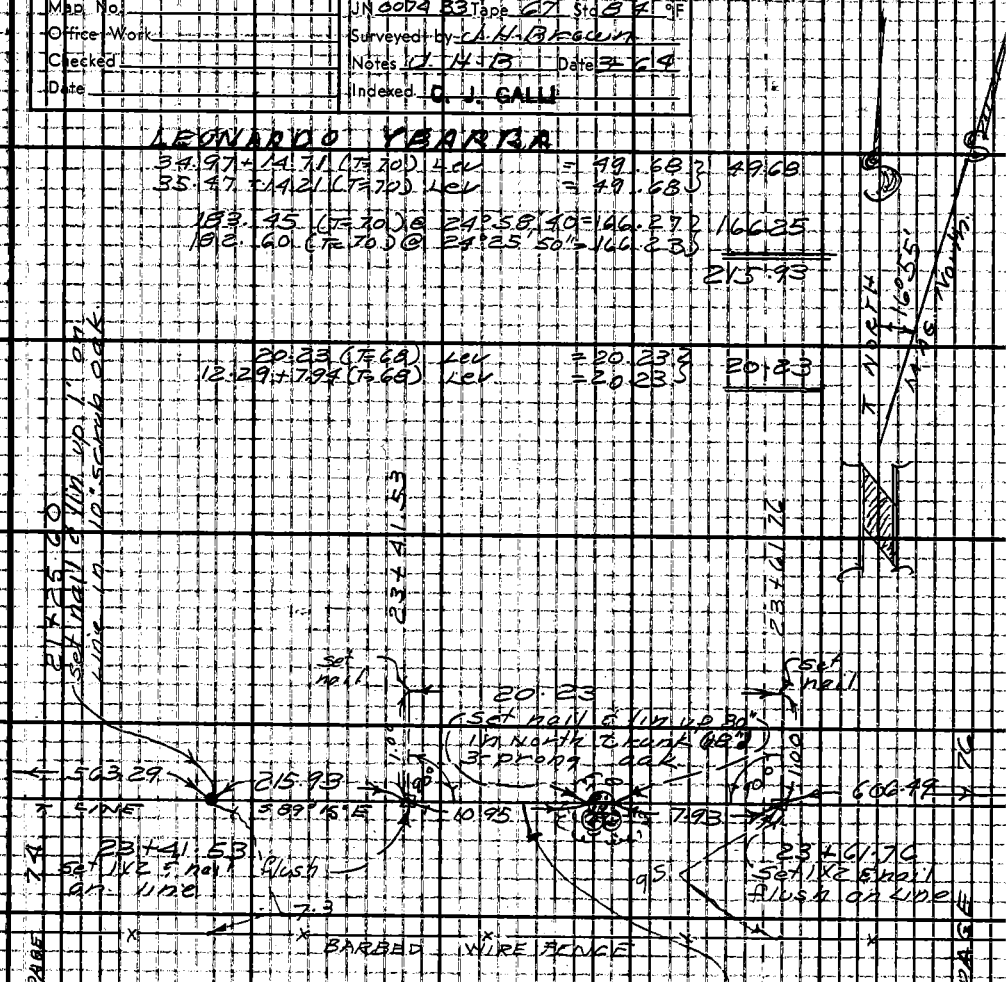
LEONARDO YBARRA

34.97 + 14.71 (T=70) Lev = 49.68 } 49.68
35.47 + 14.21 (T=70) Lev = 49.68 }

183.45 (T=70) @ 24°58'40" = 166.27 } 166.25
182.60 (T=70) @ 24°25'50" = 166.23 }

215.93

20.23 (T=68) Lev = 20.23 } 20.23
12.29 + 7.94 (T=68) Lev = 20.23 }



PARTITION LINE R° RINCON DE LA BREA

206.87 (T=56) @ 9°24'	=	204.05	} 204.07
207.15 (T=56) @ 9°48'	=	204.09	}
124.95 (T=56) @ 5°32'	=	124.35	} 124.36
125.15 (T=56) @ 6°19'	=	124.37	}
158.35 (T=62) @ 3°36'	=	158.02	} 158.00
158.26 (T=62) @ 3°12'	=	157.99	}
77.64 (T=58) @ 18°23'20"	=	73.67	}
Lev	=	14.78	}
		88.45	} 88.46
92.48 (T=60) @ 16°54'40"	=	88.47	}
35.10 (T=60) @ 25°49'20"	=	31.59	} 31.60
35.79 (T=60) 27°56'00"	=	31.61	}
			606.49

JESUS YBARRA RF 329

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76F309S CE #310 6-62

F.B. 2934 PG. 76

LEONARDO YBARRA

58.60 (T=60) @ 28°37' 00" = 51.43 } 51.42
58.00 (T=60) @ 27°35' 30" = 51.40 }

66.68 (T=60) @ 17°37' 00" = 63.54 } 63.56
67.49 (T=60) @ 19°33' 20" = 63.59 }

178.73 (T=68) @ 11°35' 00" = 175.07 } 175.06
178.42 (T=68) @ 11°07' 00" = 175.05 }

168.81 (T=66) @ 3° 43' = 168.44 } 168.44
169.03 (T=66) @ 4° 43' = 168.44 }

55.96 + 57.63 (T=66) Lev = 113.58 } 113.57
56.65 + 56.92 (T=66) Lev = 113.56 }

572.05

LOT 1 RF 529 JESUS YBARRA

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Office Work
Checked
Date

Survey of SKYLINE DRIVE
JN 0074.33 Tape 67 Std 84 °F
Surveyed by J.H. BROWN
Notes J.H.B Date 3-64
Indexed C. J. GALLI

F.B. 2984 PG. 77

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CONT PG 67

299.53 (T-66) @ 3°24' = 298.66 } 298.67
299.53 (T-66) @ 4°13' = 298.68

180.37 (T-62) @ 16°14'40 = 173.14 } 173.14
179.81 (T-62) @ 15°38'00 = 173.13

87.09 (T-64) @ 9°09' = 85.97 } 85.98
87.00 (T-64) @ 11°00'40 = 85.98

557.79

91+77.11
Set 1x2 & nail on line

84.46 (T-62) @ 8°05' = 83.42 (wrong Ø)
84.17 (T-62) @ 7°00' = 83.53 } 83.53
84.44 (T-62) @ 8°22' = 83.54

PARTITION LINE RO RINCON DE LA BREA
LEONARDO YBARRA

42+42.49
Set 1" I.P. & ENG'R tag on E-W line & 1.0' S. from "X" on stone per FB 973-83

Fd 2"x2" stake discolored earth dn 12"
Set 1" I.P. & ENG'R tag dn 12"

(POST 43-B FB 323-83)
Fd 2"x2" soft hole dn 6"
Set 1" I.P. & LA CO ENGR tag dn 6" in cir. of hole

231.77 (T-62) @ 7°25' = 229.80 } 229.80
231.55 (T-62) @ 6°59' = 229.81

101.87 (T-64) @ 15°46'20 = 98.02 } 98.02
101.31 (T-64) @ 14°36'40 = 98.02

327.82

D) 25 08 40
A) 400 34 20
C) 150 51 30
Avg. 25 05 55

18.15 Lev @ 69° = 18.15

16°55'
MAG. NORTH
N. NORTH

JESUS YBARRA
RF 529

F.B. 2999 PG 78

LEONARDO YBARRA

1) 12° 53 20"
4) 51 33 40
6) 77 20 40
Avg.) 12 53 27

LA BREA

DE

PAGE 77

Fd. 1/2" I.P. cem plug
Ltag # LS 2428
up 2" See FB 3132-47

Fence LINE
⊼ LINE

8' offset Line
327.87
327.90 FB 323-19

set nail

RINCON

SCALE

EJ

1) 89 24 30
4) 357 39 00
6) 176 28 30
Avg. 89 24 45
Re-run 3-19-63
1) 89 25 10
4) 357 41 00
6) 176 31 50
Avg 89 25 18⅓

45+88.46
Fd. L.S. tag # 2719 up 6"
in notch in channel post
with marks on side as
shown.
LYRR
Also shown FB 3132-47
FB 325-19 & 85
Note 4X4 post is Loose. Held
to point 5.00 from I.P.s

240.52 (T-62) @ 4°55' = 239.61 } 239.60
240.28 (T-62) @ 4°14' = 239.59 }

JESUS YBARRA
LOT 2 RF 529

X

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Notes Ck'd by	Survey of SKYLINE DRIVE
Map No.	JN 007433 Tape 67 Std 84 °F
Office Work	Surveyed by J.H. Brown
Checked	Notes J.H.B. Date 3-64
Date	Indexed C. J. GALLI

F.B. 2984 PG. 79

FR 78.88

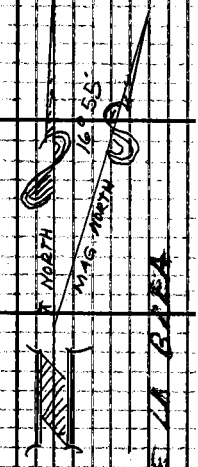
98.95 (T=60) @ 16° 04' 20" = 95.06 } 95.06
98.16 (T=60) @ 14° 24' 00" = 95.05 }

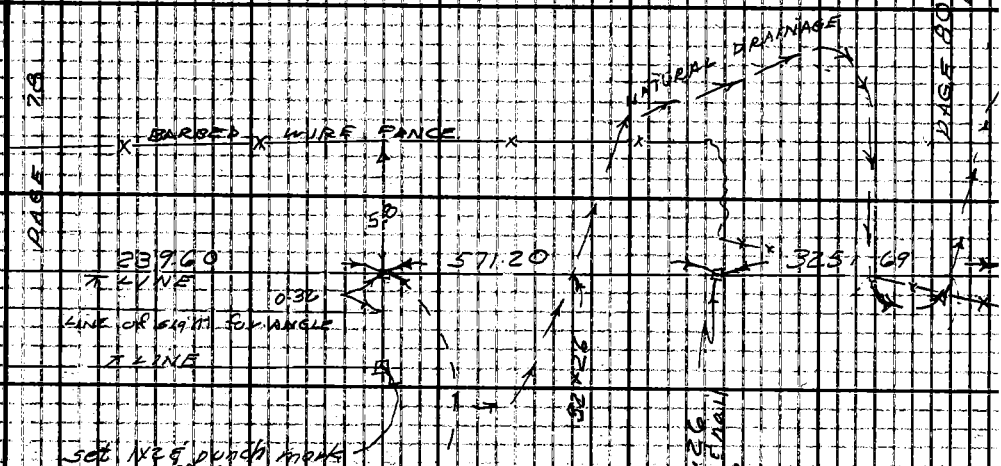
282.93 (T=66) @ 16° 32' 40" = 271.19 } 271.20
283.59 (T=66) @ 16° 58' 00" = 271.22 }

131.21 (T=66) @ 11° 35' 00" = 128.52 } 128.52
130.64 (T=66) @ 10° 16' 40" = 128.52 }

78.81 (T=66) @ 14° 09' 20" = 76.41 } 76.42
79.44 (T=66) @ 15° 47' 20" = 76.43 }

571.20





set 1x2 & punch mark end 3' offset line

48+28.06
set 1x2 & nail on line prod from west to east (used to prod line east)

CONT

162.67 (T=66) @ 19° 50' 00" = 153.00 } 153.00
161.94 (T=66) @ 19° 06' 20" = 153.00 }

179.79 (T=66) @ 16° 10' 00" = 172.66 } 172.69
180.54 (T=66) @ 16° 54' 20" = 172.72 }

325.69

LOT 2 R.F. 529

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76F3095 CE #310 6-62

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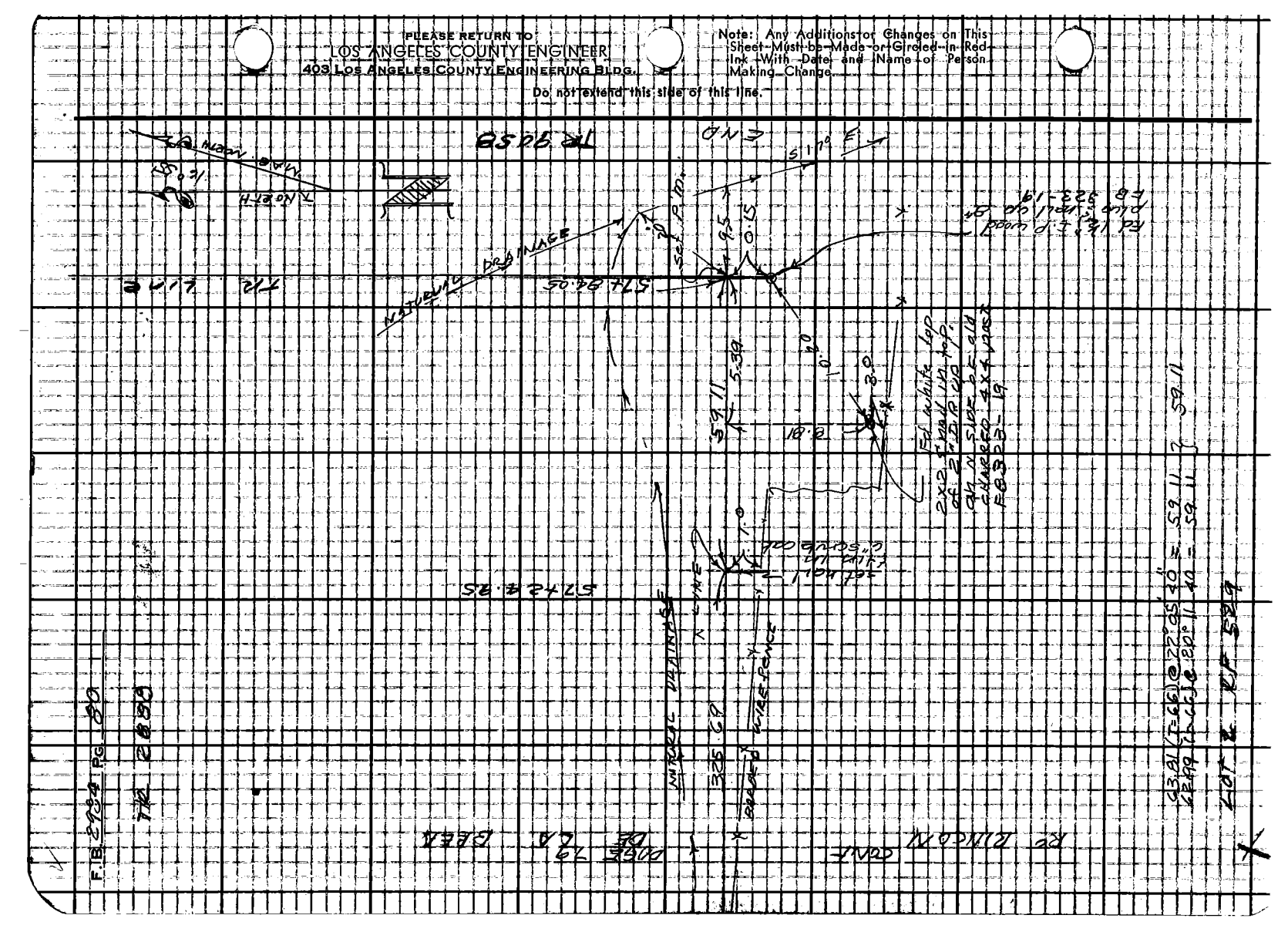

NOTES RED _____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE F.B. 2984 PG. 81
DATE _____ SURVEY BY J.H. Brown
NOTES CHKD. _____ NOTES BY T.C. Peterson DATE 3-13-64
DATE _____ INDEXED C. J. GALLI DATE OCT 1 '64

DESCRIPTION	J.N. 0074.33 SKYLINE DRIVE BENCH LEVELS ON "P" LINE OF PROPOSED SKYLINE DRIVE from FULLERTON RD to PI #3 PATHFINDER RD AS SHOWN FB 2984 - 9 & 10 & 29 to 71 MARCH 1964 to JUNE 1964
ADJ. ELEV.	
3RD RUN	
2ND RUN	
DIFF.	
1ST RUN	Party. J.H. Brown T.C. Peterson A. CARO R.C. CLIFFORD
B.M.	R. STICH

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76S420 S & E-353 9-55

PLEASE RETURN TO
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JOB NO. 2074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J. H. Brown DATE NOTES CHKD.
NOTES BY J. H. B. & J. GALLI DATE 3-13-64 DATE
INDEXED DATE

F.B. 2984 Pg. 82

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM N°1-A (COVINA RD)	891.229					B.M. N.° 1-A (Covina Rd) Elev = 891.229 1st run unadj. per FB 2932-259. SKYLINE DRIVE West SIDE 150.6' N'ly INTS EAST RD. & FULLERTON RD. 46.4' west of ℄ SKYLINE DR. 10' West of West edge of pvmt A.C.S. MON. Flush MARKED "BM N°1-A COVINA RD P.L." per FB 2932-179
+	0.324	−	0.541			
⊼	891.553	10.590	10.593			
−	10.914		11.134			
BM #4 FULLERTON RD	870.639					BM N°4 (FULLERTON RD) ELEV = 870.611 1st run unadj. FB 2932-260. SKYLINE DRIVE & FULLERTON RD. 64.22' N OF Int's OF EAST RD & FULLERTON. Rd. 33' SE OF TEL. Po. # W-207-Y & 70' W of Pow. Po. (no. number). A Rd. Dept MON dn. in Handhole. Note: see pg 83 for check to TBM #91
+	4.512		4.592			
⊼	875.151	6.211	6.210			
−	10.723		10.802			
T.P. #1	864.428					IX West side
+	3.046		2.988			
⊼	867.474	+ 0.053	0.054			
−	2.993		2.934			
T.P. #2	864.481					IX
+	11.654		11.507			
⊼	876.135	+ 9.840	9.840			
−	1.814		1.667			
PI #1	874.321					PI #1 Elev = FULLERTON RD SW SIDE 495' So of East Rd.
			J.G.			CONT PAGE 84 (SKIP 1 PAGE)

765420 S & E-353 9-55

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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.

Do not extend notes this side of this line

NOTES RED _____ JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H.B RP WW
NOTES CHKD _____ NOTES BY J.H.B DATE 3-13-64
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 2884 PG. 23

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM No 1-A Edwin M.D.	881.229					BM No. 1-A
+	9.497		9,632			Pg 82
=	890.726		,			
−	6.847		6.983			
T.P.	883.879					
+	10.483		10,621			
=	894 362		,			
−	0.563		0,701			
	893.799					
+	8.706		8.566			
	902.505		,			
−	4.171		4,032			
TB #91	898.334					TBM #91 Elev = 898.304 FB 2832 159
						SKYLINE DRIVE E SIDE
						1" I.P. Flag Ah 30" per FB 2932

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J.H. BROWN DATE
NOTES BY J.H.B. DATE 3-13-64 NOTES CHKD.
INDEXED C.J. GALL DATE

F.B. 2984 PG. 84

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT FROM PAGE 82.
P.I. #1	874.321					
+	6.225		6.485			
⊼	880.546	− 0.068	0.068			
−	6.293		6.553			
T.P. #3	874.253					spk. W SIDE
+	7.214		7.123			
⊼	881.467	+ 6.131	6.135			
−	1.083		0.988			
T.P. #4	880.384					spk SO SIDE
+	8.553		8.702			
⊼	888.937	+ 7.285	7.285			
−	1.268		1.417			
T.P. #5	887.669					spk NO SIDE
+	7.117		6.813			
⊼	894.786	− 1.858	1.859			
−	8.975		8.672			
P-2	885.811					P-2 Elev =
+	11.905		11.667			SKYLINE DR. ℄ about 1'E of
⊼	897.716	+ 10.846	10.845			FULLERTON RD. 11.0' so of So Edge pump skyline
−	1.059		0.822			DR. 72'E of middle of drive to
						HO. #2324. 110.5' wly Pow Po #665762E
						1" I P & tag dn 24" per page 29.
T.P. #6	896.657					spk. E SIDE Private Rd
+	10.845		10.966			
⊼	907.502	+ 10.298	10.298			
−	0.547		0.668			
T.P. #7	906.955					spk " " " "

J.H.

CONT. PG 85

765420 S & E-353 9-55

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NOTES RED _____ JOB NO. 2274.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. BROWN
NOTES CHKD _____ NOTES BY J.H.B. DATE 3-13-64
DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 2784 PG. 85

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.*7	906.955					CONT. FROM PG 84
+	11.698		11.452			
π	918.653	+10.171	10.169			
−	1.527		1.283			
T.P.*8	917.126					SPK E SIDE
+	10.783		10.520			
π	927.909	+9.385	9.387			
−	1.398		1.133			
T.P.*9	926.511					1X2 5' E fence E side RD
+	6.138		6.327			22' S Pow Po. #665766E
π	932.649	+2.009	2.009			
−	4.129		4.318			
P-3	928.520					P-3 Elev =
						PRIVATE Rd. from SKYLINE DR
						TO "Oaks Ranch." SE SIDE
						32.5 E'ly of Pow Po #665766E
						41.5 So of 24" Eucalyptus.
						58.5 SW of Pow Po #665767E
						a I.P. ECOENER tag Dn. 2'
						per page 82.
+	11.169		11.389			
π	939.689	+10.973	+10.973			
−	0.196		0.416			
T.P.*10	939.493					1X2
+	10.889		11.648			
π	950.382	+8.475	+8.479			
−	2.414		3.169			
T.P.*11	947.968					1X2
						CONT. PG 86

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. ____
SURVEY BY J.H. BROWN DATE ____
NOTES BY T.C. PETERSON DATE 3-18-69 NOTES CHK'D. ____
INDEXED C.J. Grant DATE ____

F.B. 2984 PG. 86

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	947.968					CONT. FROM PG. 85
+	11.314		11.760			
⊼	959.282	+ 10.410	+ 10.409			
−	0.904		1.351			
T.P.#12	958.378					1X2
+	9.316		9.878			
⊼	967.694	+ 4.120	+ 4.122			
−	5.196		5.756			
P-3A	962.498					P-3A ELEV. = 238' E'LY OF P-3, ON LINE TO P-4; 125' (SLOPE DISTANCE) W. OF P.U.W. POLE #565769E UP 6' & 89' (SLOPE DISTANCE) SOUTH OF P.U.W. POLE #665768E UP 6' FD 1" I.P. CEM. PLUG NAIL & L.A.CO. ENG'R TAG DN 24" PER R.B. 2984 — 53
+	10.234		10.683			
⊼	972.732	+ 9.411	+ 9.411			
−	0.823		1.272			
T.P.#13	971.909					1X2
+	4.523		5.248			
⊼	976.432	− 2.966	− 2.969			
−	7.489		8.217			
T.P.#14	968.943					1X2
+	11.287		10.792	11.814		
⊼	980.230	+ 9.560	+ 9.568	+ 9.566		
−	1.727		1.224	2.248		
T.P.#15	978.503					1X2
+	6.107		5.280			
⊼	984.610	+ 4.209	+ 4.208			
−	1.898		1.072			
#16 T.P.	982.712					1X2
						CONT. PG. 87

765420 S & E-353 9-55

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NOTES RED _____ JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H. BROWN
NOTES CHKD _____ NOTES BY T.G. PETERSON DATE 3-24-64
DATE _____ INDEXED _____ C. J. GALLI DATE _____

F.B. 2984 PG. 87

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.*16	982.712					CONT. FROM PG 86
+	9.388		9.159			
=	992.100	+4.206	+4.210			
−	5.182		4.949			
P-4	986.918					P-4 ELEV. =
+	2.402		1.590			18.5 So. OF 12" AVACADO TREE,
=	989.320	-6.150	-6.151			13.5 No. OF 12" AVACADO STUMP,
−	8.552		7.741			50' E'LY OF CREST OF SMALL RIDGE
T.P.*17	980.768					70.7 E'LY OF 1" RISER, A 1"
						I.P. CEM. PLUG NAIL & L.A. CO. ENGR
+	1.130		0.746			TAG DN 18" PER F.B. 2984-34
=	981.898	-4.958	-4.958			
−	6.088		5.704			
T.P.*18	975.810					1X2
+	1.269		0.775			
=	977.079	-10.055	-10.055			
−	11.324		10.830			
T.P.*19	965.755					1X2
+	0.410		0.649			
=	966.165	-10.806	-10.803			
−	11.216		11.452			
T.P.*20	954.949					1X2
+	6.158		5.992			
=	961.107	-0.639	-0.641			
−	6.797		6.633			
T.P.*21	954.310					1X2
+	0.425		0.283			
=	954.735	-8.852	-8.851			
−	9.277		9.134			
T.P.*22	945.458					1X2

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
SURVEY BY J. H. BROWN
NOTES BY T. G. PETERSON DATE 3-24-64
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2984 PG. 88

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#22	945.458					CONT. FROM PG 87
+	0.536		0.236			
⊼	945.994	-9.897	-9.897			
−	10.433		10.133			
T.P.#23	935.561					
+	0.440		0.779			
⊼	936.001	-6.495	6.494			
−	6.935		7.273			
T.P.#24	929.066					
+	3.037		2.634			
⊼	932.103	5.054	5.055			
−	8.091		7.689			
P-5	924.012					P-5 ELEV. =
						322' E'LY OF E. FENCE OF PRVT. RD.
						(SLOPE) 165' S'LY OF SAME FENCE.
						270'±10' W'LY OF W'LY LINE OF RO. LA
						PUENTE. ON CREST OF SMALL SPUR
+	7.517		8.038			A 1" I.P. & L.A. CO ENG'R TAG DN 12"
⊼	931.529	+5.053	+5.053			PER PG 36
−	2.464		2.985			
T.P.#25	929.065					1X2
+	7.546		7.883			
⊼	936.611	+6.496	+6.495			
−	1.050		1.388			
T.P.#26	935.561					1X2
+	10.160		10.432			
⊼	945.721	+9.896	+9.898			
−	0.264		0.534			
T.P.#27	945.457			J.O.		1X2

CONT. PG. 89

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NOTES RED. JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE SURVEY BY J. H. BROWN
NOTES CHKD. NOTES BY T.C. PETERSON DATE 3-25-58
DATE INDEXED G. J. GALLI DATE

F.B. 2984 PG. 89

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#27	945.457					CONT. FROM PG 88
+	10.876		10.496			
π	956.333	+10.075	+10.075			
−	0.801		0.421			
T.P.#28	955.532					1X2
+	10.603		11.286			
π	966.135	+7.397	+7.398			
−	3.206		3.888			
T.B.M.#1	962.929					T.B.M. #1 ELEV. = ON W'LY LINE OF RD. LA PUENTE 367' N'LY OF SKYLINE DRIVE. N'LY LINE OF 40' EASEMENT FOR PRIVATE RD. A 2" I.P. WOOD PLUG & NAIL FLUSH PER PG. 37 1X2
+	3.808		4.567			
π	966.737	-0.314	-0.313			
−	4.122		4.880			
T.P.#29	962.615					
+	11.975		11.064			
π	974.590	+4.639	+4.641			
−	7.336		6.423			
T.P.#30	967.254					
+	5.477		5.563			
π	972.731	+1.912	+1.912			
−	3.565		3.651			
P-6	969.166					P-6 ELEV. = 70' NO. OF DIRT RD, 350' E'LY OF BARBED WIRE FENCE & 5.7' S. OF 2 PRONGED BLACK WALNUT TREE, FD 1" I.P. CEM. PLUG NAIL & L.A. CO. ENG'R TAG DN 10" PER F.B. 2984 PG 38

See Page 142 for separate circuit through B.M.#1 to P-6.

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JOB NO. 0074.32 SURVEY OF SKYLINE DRIVE NOTES RED. ____ DATE ____
SURVEY BY J.H. BROWN NOTES CHKD. ____ DATE ____
NOTES BY T.C. PETERSON DATE 3-25-64
INDEXED C.J. GALLI DATE ____

F.B. 2984 Pg. 90

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-6	969.166					SEE PG 89 FOR DESCRIPTION
+	10.865		11.276			
⊼	980.031	+ 7.359	+ 7.360			
−	3.506		3.916			
T.B.M. #2	976.525					T.B.M #2 ELEV. = SKYLINE DRIVE, ON N. BURM OF RD. ON CREST OF SMALL RISE. 73.2' SO. OF P-6. 1.8 LOWER THAN RD. PER PG 24
+	3.098		3.384			
⊼	979.623	- 5.266	-5.263			
−	8.364		8.647			
T.P. #31	971.259					1X2
+	7.492		8.163			
⊼	978.751	+ 3.008	+3.005			
−	4.484		5.158			
T.P. #32	974.267					1X2
+	10.082		9.463			
⊼	984.349	+ 2.627	+2.623			
−	7.455		6.840			
P-7	976.894					P-7 ELEV. = ON CREST OF SMALL SPUR. 52.3' (SLOPE) N. OF FENCE LINE. 14.3' (SLOPE) W. MIDDLE OF DIRT RD. 42.2' (SLOPE) S'LY OF 24" BLACK WALNUT A 1" I.P. CEM. PLUG NAIL & L.A. CO. ENG'R TAG DN 10" PER PG. 39
+	9.213		10.379			
⊼	986.107	+ 8.049	+8.050			
−	1.164		2.329			
T.P. #33	984.943					1X2
+	11.206		10.571			
⊼	996.149	+ 9.132	+ 9.128			
−	2.074		1.443			
T.P. #34	994.075			90.		1X2 CONT. PG. 91

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#34	994.075					CONT. FROM PG 90
+	11.334		11.830			
⊼	1005.409	+10.032	+10.034			
−	1.302		1.796			
T.P.#35	1004.107					1X2
+	11.243		11.526			
⊼	1015.350	+7.711	+7.712			
−	3.532		3.814			
T.P.#36	1011.818					1X2
+	11.977		11.929			
⊼	1023.795	+11.619	+11.620			
−	0.358		0.309			
T.P.#37	1023.437					1X2
+	~~11.253~~		11.952	11.449		
⊼	~~1034.690~~	+8.731 ~~+8.739~~	+8.730	+8.731		
−	~~2.514~~		3.222	2.718		
T.P.#38	1032.1~~76~~68					1X2
+	11.918		11.630			
⊼	1044.086	+10.107	+10.104			
−	1.811		1.526			
T.P.#39	1042.275					1X2
+	11.764		11.466			
⊼	1054.039	+10.242	+10.244			
−	1.522		1.222			
B.M. K-5 LA HABRA	1052.517					BM. LA HABRA K-5 ELEV. ±10'. On small knoll 1030' Ely of W. line Rº LA PUENTE 120' S of Fence line. A std L.A. Co Control Mom Marked "LA HABRA K-5 R E 2177 1938" [illegible]

J.O.

CONT. PAGE 92

NOTES RED ____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE ____ SURVEY BY J. H. BROWN
NOTES CHKD ____ NOTES BY T.C. PETERSON DATE 3-25-64
DATE ____ INDEXED ____ C. J. GALLI DATE ____

F.B. 2984 PG. 91

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY U.H. Brown NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 3-25-64
INDEXED C. J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. LA HABRA K-5	1052.517					SEE PG 91 FOR DESCRIPTION FB 2984 -28
+	5.253		5.836			
⊼	1057.770	-5.000	-5.001			
−	10.253		10.837			
T.P. # 40	1047.517					1X2
+	0.938		0.702			
⊼	1048.455	-10.910	-10.910			
−	11.848		11.612			
T.P. # 41	1036.607					1X2
+	1.347		1.522			
⊼	1037.954	-10.196	-10.199			
−	11.543		11.721			
T.P. # 42	1026.411					1X2
+	0.243		0.780			
⊼	1026.654	-11.099	-11.099			
−	11.342		11.879			
T.P. # 43	1015.312					1X2
+	0.324		0.408			
⊼	1015.636	-11.439	-11.441			
−	11.763		11.849			
T.B.M. # 3	1003.873					T.B.M. # 3 ELEV. = In small saddle East of LA HABRA K-5. 55' S. of fence. a lg Bt spk in root S side of 30" Euc. (w/y of two)
+	8.604		8.961			
⊼	1012.477	+4.202	+4.202			
−	4.402		4759			
P-7A	1008.075					P-7A ELEV. = 111' No. OF FENCE, ON WEST BREAK OF SMALL NOSE. A 1" I.P. CEM. PLUG NAIL & L.A. Co. ENG'R TAG DN 12" PER PG 40

J.A.

CONT. PG 93

F.B. 2984 PG. 92

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NOTES RED. JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE SURVEY BY V. H. BROWN F. B. 2984 PG. 93
NOTES CHKD. NOTES BY T.G. PETERSON DATE 3-25-64
DATE INDEXED C. J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-7A	1008.075					SEE PG 92 FOR DESCRIPTION
+	11.885		11.529			
⊼	1019.960	+11.163	+11.162			
−	0.722		0.367			
T.P.#44	1019.238					1X2
+	10.795		11.468			
⊼	1030.033	+10.267	+10.265			
−	0.528		1.203			
T.P.#45	1029.505					1X2
+	11.543		10.937			
⊼	1041.048	+9.910	+9.911			
−	1.633		1.026			
T.P.#46	1039.415					1X2
+	5.446		6.295			
⊼	1044.861	+2.534	+2.532			
−	2.912		3.763			
P-8	1041.949					P-8 ELEV.= 15.7 NE'LY OF FENCE @ 90° & 97' SE OF BEND. 35.8 FROM FENCE AT A POINT 60' SE OF BEND. 55.6 N.W'LY OF 3 PRONG BLACK WALNUT TREE. A 1" I.P. CEM. PLUG NAIL & L.A. CO. ENG'R TAG ON 6" PER PG 41
+	11.442		10.838			
⊼	1053.391	+10.276	+10.276			
−	1.166		0.562			
T.P.#47	1052.225					1X2
+	11.327		11.721			
⊼	1063.552	+8.530	+8.531			
−	2.797		3.190			
T.P.#48	1060.755					1X2

Q 11

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN
NOTES BY T.C. PETERSON DATE 3-26-64 NOTES CHKD. DATE
INDEXED C. J. GALLI DATE

F.B. 2984 PG. 94

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#48	1060.755					CONT. FROM PG-93
+	11.804		11.980			
⊼	1072,559	+11.216	+11.213			
−	0,588		0.767			
P-9	1071.971					P-9 ELEV. =
+	10.525		11.545			78.6' N E'LY OF FENCE AT 90° TO FENCE,
⊼	1082,496	+8.513	+8,510			FROM A POINT 296' N W'LY OF FENCE COR.
−	2.012		3.035			272' N W'LY OF FENCE AT 90° TO FENCE).
T.P.#49	1080,484					FROM A POINT 194' N E'LY OF FENCE COR.
+	11.893		11.480	11.932		A 1" I.P. CEM. PLUG NAIL & L.A. CO. ENG'R TAG
⊼	1092.377	+10.525	+10.532	+10.528		DN 6" PER PG 42
−	1.368		0.948	1.404		
T.P.#50	1091.009					1 X 2
+	11.864		11.450			
⊼	1102,873	+10.750	+10.750			
−	1,114		0.700			
T.P.#51	1101,759					1X2
+	11.300		11.763			
⊼	1113.059	+10.983	+10.981			
−	0.317		0.782			
T.P.#52	1112.742					1X2
+	11.075		11.508			
⊼	1123.817	+10.859	+10.857			
−	0.216		0.651			
T.P.#53	1123.601					1X2
+	11.449		11.798			
⊼	1135.050	+11.238	+11.238			
−	0.211		0.560			
T.P.#54	1134.839					1X2
				J.C.		CONT. PG. 95

765420 S & E-353 9-55

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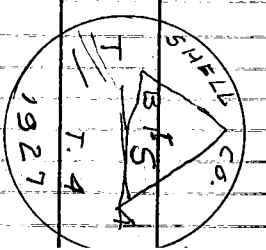
Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #54	1134.839					CONT. FROM PG. 94
+	11.478		11.977			
=	1146.317	+11.184	+11.183			
−	0.294		0.794			
T.P. #55	1146.023					1X2
+	8.332		8.793			
=	1154.355	+5.757	+5.757			
−	2.575		3.036			
BM SKY 17	1151.780					BM SKY-17 ELEV.= ON A SMALL RISE, S. SIDE MAIN RIDGE, 43± S.W. OF 30" PEPPER TREE, 27± W OF S.E. COR OF RIDGE AT TOP OF CONC. MEMORIAL MON, TO PIONEER OIL EXPLORATION. A BT SPK IN W. COR OF CONC. BASE OF ABANDONED OIL DERRICK
+	5.683		6.144			
=	1157.463	+1.582	+1.581			
−	4.101		4.563			
T.B.M. #4	1153.362					T.B.M. #4 ELEV.= 738' SE. OF ABOVE MEMORIAL MON 68' NE. OF 12" CASING PROJECTING 4'. USED △, A CAPPED 2" I.P. UP 1' MARKED AS SHOWN



90.

CONT. PG. 96

NOTES RED
DATE
NOTES CHKD.
DATE
INDEXED
DATE

JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
SURVEY BY J.H. BROWN
NOTES BY T.C. PETERSON DATE 3-26-64
C. J. GALLI DATE

F.B. 2984 PG. 95

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY U.H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 3-26-64
INDEXED C. J. GALLI DATE
F.B. 2984 PG. 96

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M.#	1153.362					CONT. FROM PG 95
+	1.084		1.546			
∧	1154.446	- 9.260	- 9.261			
—	10.344		10.807			
T.P.#56	1144.102					1X2
+	11.005		11.449			
∧	1155.107	+10.409	+10.407			
—	0.596		1.042			
T.P.#57	1154.511					1X2
+	8.291		8.733			
∧	1162.802	+ 1.932	+ 1.931			
—	6.359		6.802			
T.P.#58	1156.443					1X2
+	5.770		6.129			
∧	1162.213	+2.215	+2.217			
—	3.555		3912			
T.P.#59	1158.658					1X2
+	1.683		1.854			
∧	1160.341	- 7.564	- 7.566			
—	9.247		9420			
P-10	1151.094					P-10 ELEV = FROM A POINT 432' S'WLY FROM ANGLE POINT IN FENCE 318³ N'WLY AT 90° TO FENCE. ON A POINT OF A SMALL NOSE. A 1" I.P. OF L.A.CO. ENG'R TAG DN 12' PER PG 43
+	9.015		9.375			
∧	1160.109	+ 6.146	+6.144			
—	2.869		3.231			
T.P.#60	1157.240					1X2 CONT. PG. 97

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NOTES RED _____ JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H. BROWN
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 3-26-64
DATE _____ INDEXED C.J. GALLI DATE _____
F.B. 2984 PG. 97

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #60	1157.240					CONT. FROM PG. 96
+	6.926		7.158			
π	1164.166	-0.525	-0.522			
−	7.451		7.680			
T.P. #61	1156.715					1X2
+	11.303		11.700			
π	1168.018	+10.500	+10.500			
−	0.803		1.200			
T.P. #62	1167.215					1X2
+	11.027		10.677			
π	1178.242	+10.412	+10.413			
−	0.615		0.264			
T.P. #63	1177.627					1X2
+	7.550		7.835			
π	1185.177	+3.027	+3.029			
−	4.523		4.806			
P-11	1180.654					P-11 ELEV.= NEAR TOP OF SMALL RISE. 160± N.E'LY OF ANGLE POINT IN FENCE ON PROD. OF FENCE LINE FROM S.W. 87± N.W'LY @ 90°. A 1" I.P. L.A. CO. ENG'R TAG D.N.15" PER PG 44
+	2.001		1.641			
π	1182.655	-9.419	-9.418			
−	11.420		11.059			
T.P. #64	1171.235					1X2
+	0.519		0.776			
π	1171.754	-10.366	-10.366			
−	10.885		11.142			
T.P. #65	1160.869					1X2

CONT PG 98

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J. H. BROWN DATE 3-27-64 NOTES CHKD. DATE
NOTES BY T. C. PETERSON DATE
INDEXED G. J. GALLI DATE

F.B. 2984 PG. 98

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#65	1160.869					CONT FROM PG 97
+	2.602		2.664			
=	1163.471	+1.852	+1.852			
−	0.750		0.812			
T.P.#66	1162.721					1X2
+	11.297		11.923			
=	1174.018	+10.569	+10.569			
−	0.728		1.354			
T.P.#67	1173.290					1X2
+	11.433		11.792			
=	1184.723	+10.927	+10.928			
−	0.506		0.864			
T.P.#68	1184.217					1X2
+	11.407		11.868			
=	1195.624	+10.846	+10.846			
−	0.561		1.022			
T.P.#69	1195.063					1X2
+	11.325		11.127			
=	1206.388	+9.842	+9.843			
−	1.483		1.284			
T.P.#70	1204.905					1X2
+	10.464		10.723			
=	1215.369	+10.075	+10.075			
−	0.389		0.648			
T.P.#71	1214.980					1X2
+	10.947		10.553			
=	1225.927	+6.214	+6.213			
−	4.733		4.340			
P-12	1221.194			J.C.		P-12 ELEV. = TOP OF ROUND MISC ON MAIN RIDGE. 9' NW'LY OF FENCE @ 90°. A 1" I.P. & LA. CO. ENG'R TAG DN 8" PER PG 95
			CONT PG 99			

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NOTES RED _____ JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. A. BROWN
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 3-27-64
DATE _____ INDEXED _____ C. J. GALLI DATE _____

F. B. 2984 PG. 99

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-12	1221.194					CONT. FROM PG 98
+	4.498		4.741			
∧	1225.692	-6.211	-6.212			
—	10.709		10.953			
T.P. #72	1214.983					REPEAT
+	0.363		0.733			
∧	1215.346	-6.981	-6.980			
—	7.344		7.713			
T.P. #73	1208.002					1X2
+	2.033		1.708			
∧	1210.035	-9.630	-9.628			
—	11.663		11.336			
T.P. #74	1198.372					1X2
+	11.344		10.950			
∧	1209.716	+7.566	+7.566			
—	3.778		3.384			
T.P. #75	1205.938					1X2
+	10.791		11.455			
∧	1216.729	+10.440	+10.439			
—	0.351		1.016			
T.P. #76	1216.378					1X2
+	10.398		10.838			
∧	1226.776	+8.660	+8.661			
—	1.738		2.177			
T.P. #77	1225.038					1X2
+	11.911		11.517			
∧	1236.949	+10.438	+10.437			
—	1.473		1.080			
T.P. #78	1235.476					1X2

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #78	1235.476					CONT. FROM PG 99
+	11.713		11.516			
⊼	1247.189	+10.426	+10.427			
−	1.287		1.089			
T.P. #79	1245.902					1X2
+	11.447		11.832			
⊼	1257.349	+10.535	+10.533			
−	0.912		1.299			
T.P. #80	1256.437					1X2
+	11.008		11.427			
⊼	1267.445	+9.971	+9.971			
−	1.037		1.456			
T.P. #81	1266.408					1X2
+	9.313		8.882			
⊼	1275.721	+5.270	+5.271			
−	4.043		3.611			
BM SHELL SOLITARE	1271.678					BM. SHELL SOLITARE 4250' ± 100' E'LY OF RANCHO LINE; 3300' +-100' N. 74°30' W FROM R.M. #4 LA HABRA K-6; 975' ± 25' N OF OILED RD TO NIKE STATION; 768' S°78' E OF P-10; 1453' S59° E OF P-11; 918' S 29°30' E P-12; 1108' S°80°30' W P-12 A; A 2" BRASS CAP MON UP 8". PROTRUDING 2" ABOVE 18" CONC. BASE MARKED AS SHOWN.
						CONT. PG 101

SHELL CO. OF CALIFORNIA
TRI STA
SOLITAREN
L.R.G. 192

J.O.

JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J.H. BROWN DATE
NOTES BY T.C. PETERSON DATE 3-27-64 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2984 PG. 100

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NOTES RED _____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. & BROWN
NOTES CHKD _____ NOTES BY K.C. PETERSON DATE 3-30-64
DATE _____ INDEXED _____ C. I. CALL DATE _____

F. B. 2984 PG. 101

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. SHELL SOLITARE	1271.678					CONT. FROM PG 100
+	1.686		1.192			
∧	1273.364	-9.240	-9.240			
−	10.926		10.432			
T.P. #82	1262.438					1X2
+	0.363		0.923			
∧	1262.801	-10.741	-10.740			
−	11.104		11.663			
T.P. #83	1251.697					1X2
+	1.172		0.583			
∧	1252.869	-19.169	-10.170			
−	11.341		10.753			
T.P. #84	1241.528					1X2
+	1.000		1.699			
∧	1242.528	-9.596	-9.595			
−	10.596		11.294			
T.P. #85	1231.932					1X2
+	0.533		0.939			
∧	1232.465	-10.540	-10.539			
−	11.073		11.478			
T.P. #86	1221.392					1X2
+	1.178		0.628			
∧	1222.570	-10.331	-10.332			
−	11.509		10.960			
T.P. #87	1211.061					1X2
+	0.852		1.121			
∧	1211.913	-10.308	-10.307			
−	11.160		11.428			
T.P. #88	1200.753					1X2

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JOB NO. 007433 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J.H. BROWN DATE NOTES CHKD.
NOTES BY T.C. PETERSON DATE 3-30-64 DATE
INDEXED C.J. GALLI DATE

F.B. 2984 PG. 102

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#88	1200.755					CONT. FROM PG 101
+	0.621		0.486			
=	1201.374	-10.676	-10.677			
-	11.297		11.163			
T.P.#89	1190.077					IX2
+	0.645		0.376			
=	1190.722	-10.859	-10.861			
-	11.504		11.237			
T.P.#90	1179.218					IX2
+	0.348		0.730			
=	1179.566	-10.705	-10.708			
-	11.053		11.438			
T.P.#91	1168.513					IX2
+	0.339		0.872			
=	1168.852	-10.946	-10.946			
-	11.285		11.818			
T.P.#92	1157.567					IX2
+	0.734		0.300			
=	1158.301	-10.625	-10.623			
-	11.359		10.923			
T.P.#93	1146.942					IX2
+	0.812		1.521			
=	1147.754	-6.913	-6.912			
-	7.725		8.433			
T.P.#94	1140.029					IX2
+	11.168		11.473			
=	1151.197	+0.559	+0.559			
-	10.609		10.914			
T.P.#95	1140.588					IX2
			RJP JO			CONT. PG 103

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#95	1140.588					CONT. FROM PG 102
+	11.283		11.734			
⊼	1151.871	+10.841	+10.840			
−	0.442		0.894			
T.P.#96	1151.429					1X2
+	11.768		11.663			
⊼	1163.197	+10.947	+10.951			
−	0.821		0.712			
T.P.#97	1162.376					1X2
+	11.123		10.913			
⊼	1173.499	+10.474	+10.470			
−	0.649		0.443			
T.P.#98	1172.850					1X2
+	11.813		11.622			
⊼	1184.663	+10.797	+10.798			
−	1.016		0.824			
T.P.#99	1183.647					1X2
+	10.654		10.300			
⊼	1194.301	+8.302	+8.303			
−	2.352		1.997			
P-12A	1191.949		RJJ			P-12A ELEV. = (ALONG fence @ slope of ground) 169' SO FENCE COR THEN SO. 70°33'E 410'; ~~289' SO FENCE COR. THEN E'LY @ 90° TO FENCE 39'~~ (ON SLOPE OF GROUND); 322' SLY FROM E'LY GATE POST AT TRAVELED RD AT TOP OF MAIN RIDGE. A 1" I.P. & L.A. CO. ENG'R TAG DIV 10" IN 2'X2' SQUARE PIT. PER PG 46
						CONT. PG 104

NOTES RED ____ JOB NO. 007A33 SURVEY OF SKYLINE DRIVE
DATE ____ SURVEY BY J.H. BROWN
NOTES CHKD ____ NOTES BY T.C. PETERSON DATE 3-30-64
DATE ____ INDEXED C. J. GALLI DATE ____

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JOB NO. 2074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 3-31-64 DATE
INDEXED C.J. GALLI DATE

F.B. 2984 PG. 104

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-12A	1191.949					CONT from page 103
+	10.797		10.509			
∧	1202.746	+6.245	+6.243			
−	4.552		4.266			
T.P.# 100	1198.194					1X1
+	10.792		11.171			
∧	1208.986	+10.288	+10.287			
−	0.504		0.884			
T.P.# 101	1208.482					1X1
+	11.224		11.833			
∧	1219.706	+10.577	+10.580			
−	0.647		1.253			
T.P.# 102	1219.059					1X1
+	11.433		11.797			
∧	1230.492	+11.157	+11.155			
−	0.276		0.642			
T.P.# 103	1230.216					1X1
+	11.155		10.913			
∧	1241.371	+10.129	+10.129			
−	1.026		0.784			
T.P.# 104	1240.345					1X1
+	10.975		11.633			
∧	1251.320	+10.591	+10.589			
−	0.384		1.044			
T.P.# 105	1250.936					1X2
+	11.842		11.457			
∧	1262.778	+9.176	+9.176			
−	2.666		2.281			
T.P.# 106	1260.112					1X1
			R.A.	J.O.		CONT. PG. 105

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 106	1260.112					cont from page 104
+	4.736		4.467			
⊼	1264.848	+2.359	+2.359			
—	2.377		2.108			
P-12 B	1262.471					P-12 B ELEV.=
						1137.4 So.70°33'E FROM P-12A; 409.8'
						SW'LY FROM MON AT N.W. COR. GRAZIDE
+	1.245		1.701			TRACT PARCEL #1; 20.5 N'LY 18" BLACK
⊼	1263.716	-10.112	-10.112			WALNUT, 38 NW'LY 24" BLACK WALNUT,
—	11.357		11.813			A 1" I.P. & L.A. Co. ENG'R TAG DN 10" PG 48
T.P.# 107	1252.359					1X2 GROUNDSLOPE 603 N 8°W of a NE corner
+	0.863		0.569			N 13°W of mast of chain link fence around
⊼	1253.222	-10.671	-10.671			NIKE SITE; S 68°E 460'±5' HOR. DIST.
—	11.534		11.240			OF NE edge firebreak at point 950'±10' (groundslope)
T.P.# 108	1241.688					1X2 from above fence cor
+	0.409		0.791			
⊼	1242.097	-10.738	-10.736			
—	11.147		11.527			
T.P.# 109	1230.950					1X1
+	0.514		0.227			
⊼	1231.464	-11.169	-11.169			
—	11.683		11.396			
T.P.# 110	1219.781					1X2
+	0.248		0.492			
⊼	1220.029	-8.590	-8.590			
—	8.838		9.082			
e.l.s. T.P.# 111	1211.191					1X2

NOTES RED ____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE ____ SURVEY BY J. H. BROWN
NOTES CHKD ____ NOTES BY T.C. PETERSON DATE 3-31-64
DATE ____ INDEXED C. J. GALLI DATE ____

F.B. 2984 PG. 105

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN DATE
NOTES BY T.C. PETERSON DATE 3-31-64 NOTES CHKD. DATE
INDEXED C. J. GALLI DATE

F.B. 2284 PG. 106

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 111	1211.191					CONT. FROM PG 105
+	0.715		0.373			
⊼	1211.906	-10.895	-10.896			
—	11.610		11.269			
T.P.# 112	1200.296					1X2
+	0.625		0.423			
⊼	1200.921	-10.927	-10.927			
—	11.552		11.350			
T.P.# 113	1189.369					1X1
+	0.374		0.673			
⊼	1189.743	- 9.919	- 9.916			
—	10.293		10.589			
BM SKY-18	1179.450					BM SKY-18 (N.W. COR GRAZIDE TRACT. PARCEL #1) EL.= 468.3' NW'LY P-12C, 409.8' NE'LY P-12B 218' W OF FENCE COR, 102.5' E'LY 15" BLACK WALNUT 22' N'WLY OF 18" BLACK WALNUT, A 4" BRASS CAP ON A 2" I.P. UP 8" FROM A CEM FILLED S.C. CASING (FLUSH) PER PG. 48
+	10.551		10.346			
⊼	1190.001	+ 9.916	+ 9.917			
—	0.635		0.429			
T.P.# 113	1189.366					
+	11.599		11.293			
⊼	1200.965	+10.929	+10.929			
—	0.670		0.364			
T.P.# 112	1200.295					
+	11.914		11.576			
⊼	1212.209	+10.895	+10.896			
—	1.019		0.680			
T.P.# 111	1211.190		P.T.B.			CONT. PG. 107

765420 S & E-353 9-55

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DATE _____ SURVEY BY J.H. BROWN F.B. 2284 PG. 107
NOTES CHKD. _____ NOTES BY J.C. PETERSON DATE 3-31-64
DATE _____ INDEXED G. J. GALLI DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#114	1211.190					cont from page 106
+	9.307		9.140			
=	1220.497	+8.590	+8.589			
−	0.717		0.551			
T.P.#110	1219.780					IX
+	11.985		11.738			
=	1231.765	+11.167	+11.167			
−	0.818		0.571			
T.P.#109	1230.947					IX
+	11.543		11.350			
=	1242.490	+10.739	+10.738			
−	0.804		0.612			
T.P.#108	1241.686					IX
+	~~12.000~~	+11.403	11.790	11.681		
=	~~1254.686~~	+11.412	+11.403	+11.403		
−	~~0.588~~		0.387	0.278		
T.P.#114	1253.089					IX1
+	11.402		11.945			
=	1264.491	+11.169	+11.168			
−	0.233		0.777			
T.P.#115	1264.258					IX1
+	10.158		10.442			
=	1274.416	+9.780	+9.779			
−	0.378		0.663			
T.P.#116	1274.038					IX1
+	7.453		7.204			
=	1281.491	+5.576	+5.576			
−	1.877		1.628			
P-12 C	1279.614					P-12 C (SEE PG 108 FOR DESCRIPTION)

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J. H. BROWN DATE
NOTES BY T.C. PETERSON DATE 3-31-64 NOTES CHKD.
INDEXED C. L. GALL DATE DATE

F.B. 2284 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT. FROM PG 107
P-12C	1279.614					P-12C ELEV. =
						ON EAST BREAK OF SPUR RUNNING
						NE'LY FROM MAIN RIDGE; 400N (GROUND
						SLOPE) OF N FENCE NIKE SITE.
						SE'LY OF 8" BLACK WALNUT.
+	11.870		11.244			A 1" I.P. & L.A.CO. ENG'R TAG DN 10"
✕	1291.484	+10.836	+10.837			IN 2'X2' SQUARE PIT, PER PG 48
−	1.034		0.407			
T.P. #117	1290.450					1X2
+	11.306		11.739			
✕	1301.756	+10.973	+10.972			
−	0.333		0.767			
T.P. #118	1301.423					1X1
+	10.900		11.290			
✕	1312.323	+10.524	+10.523			
−	0.376		0.767			
T.P. #119	1311.947					1X2
+	11.579		11.257			
✕	1323.526	+10.853	+10.854			
−	0.726		0.403			
T.P. #120	1322.800					1X1
+	11.184		11.463			
✕	1333.984	+10.928	+10.927			
−	0.256		0.536			
T.P. #121	1333.728					1X1
+	11.879		11.771			
✕	1345.607	+10.608	+10.607			
−	1.271		1.164			
T.P. #122	1344.336					1X1
			L.O.			

CONT. PG 109

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NOTES RED. JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE SURVEY BY J. H. BROWN F.B. 2284 PG. 109
NOTES CHKD. NOTES BY T.C. PETERSON DATE 3-31-64
DATE INDEXED C. J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						cont from page 108
T.P.#122	1344.336					
+	10.935		11.434			
=	1355.271	+10.192	+10.192			
−	0.743		1.242			
T.P.#123	1354.528					1X1
+	11.506		11.137			
=	1366.034	+10.063	+10.063			
−	1.443		1.074			
T.P.#124	1364.591					SQ. HD. SPK. IN FORK OF BLACK WALNUT
+	8.447		8.187			
=	1373.038	+3.709	+3.708			
−	4.738		4.479			
T.P.#125	1368.300					1X1
+	11.016		11.566			
=	1379.316	+10.599	+10.600			
−	0.417		0.966			
T.P.#126	1378.899					1X2
+	11.785		11.674			
=	1390.684	+11.101	+11.105			
−	0.684		0.569			
T.P.#127	1390.000					1X2
+	11.812		11.645			
=	1401.812	+11.245	+11.243			
−	0.567		0.402			
T.P.#128	1401.245					1X2
+	11.354		11.135			
=	1412.599	+10.598	+10.599			
−	0.756		0.536			
T.P.#129	1411.843					1X1

CONT. PAGE 110

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 129	1411.843					CONT FROM PAGE 109
+	9.564		9.088			
⊼	1421.407	+ 8.381	+ 8.384			
−	1.183		0.704			
BM. SKY. 19	1420.224					BM. SKY 19 (LA BREA A-6; RM. #4) ELEV. = 336' SE'LY OF P-12 E (GROUND SLOPE) & DNA BEARING OF S 71° W; 330' W'LY OF NE'LY COR OF FENCE OF NIKE SITE (GROUND SLOPE); 524' E'LY OF ~~NW'LY~~ FENCE COR. NIKE SITE & 89' N'LY @ 90° TO FENCE; A STD LA. CO. ENGR. REF. MON. IN CONC. UP 4" PER PG 49
+	1.005		1.174			
⊼	1421.229	− 8.382	− 8.381			
−	9.387		9.555			
T.P.# 130	1411.842					
+	0.775		1.119			
⊼	1412.617	−10.458	−10.459			
−	11.233		11.578			
T.P.# 131	1401.384					1X1
+	0.708		0.496			
⊼	1402.092	−10.409	−10.408			
−	11.117		10.904			
T.P.# 132	1390.975					1X1
+	0.382		0.550			
⊼	1391.357	−10.514	−10.514			
−	10.896		11.064			
T.P.# 133	1380.461					1X1
						CONT PAGE 111

J.C.

JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J.H. BROWN DATE
NOTES BY T.C. PETERSON DATE 4-2-64 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2294 PG. 110

769420 S & E-353 9-55

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NOTES RED _____ JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H. BROWN
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 4-3-64
DATE _____ INDEXED & J. GALLI DATE _____

F.B. 2984 PG. 111

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.*133	1380.461					CONT FROM PAGE 110
+	0.771		0.517			
^	1381.232	-10.892	-10.891			
-	11.663		11.408			
T.P.*134	1369.569					1X1
+	0.487		1.059			
^	1370.056	-10.904	-10.904			
-	11.391		11.963			
T.P.*135	1358.665					1X1
+	0.657		0.443			
^	1359.322	-10.951	-10.950			
-	11.608		11.393			
T.P.*136	1347.714					1X1
+	0.992		1.373			
^	1348.706	-9.921	-9.920			
-	10.913		11.293			
P-12 D	1337.793					P-12 D ELEV.= 69.8' N'LY OF 18" WALNUT; 16° E'LY SPK & TIN IN ROCK OUTCROPING, 58' W'LY 2" PRONGED BLACK WALNUT; A 1" I.P. & L.A. CO. ENG'R TAG DN 10" PER PG 49
+	5.387		5.746			
^	1343.180	-3.109	-3.111			
-	8.496		8.857			
T.P.*137	1334.684					1X1
+	5.698		5.342			
^	1340.382	-5.064	-5.062			
-	10.762		10.404			
P-12 E	1329.620					P-12 E ELEV.= 24.7' S'LY OF 15" BLACK WALNUT; 9' N'LY 12" BLACK WALNUT; 2 1/2° N 11° W 12" BLACK WALNUT; A 1" I.P. & L.A. CO. ENG'R TAG DN 12" ON SIDE

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 4-3-64
INDEXED S.J. GALLI DATE

F.B. 2984 Pg. 112

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-12E	1329.626					CONT FROM PG 111
+	4.981		5.330			
π	1334.601	- 6.147	-6.148			
−	11.128		11.478			
T.P.#138	1323.473					1X1
+	1.846		2.444			
π	1325.319	- 6.257	-6.256			
−	8.103		8.700			
T.P.#139	1317.216					1X1
+	4.767		5.379			
π	1321.983	- 3.771	-3.769			
−	8.538		9.148			
P-13	1313.445					P-13 ELEV. =
						159' (GROUND SLOPE) NE'LY OF POW. POLE
						#1140259 E; 28' NW'LY 30" BLACK WALNUT
+	11.249		11.728			Λ 1" I.P. @ L.A.CO. ENGR TAG DN 8" IN
π	1324.694	+ 10.909	+10.908			2' SQUARE PIT PER PG. 50
−	0.340		0.820			
T.P.#140	1324.354					1X1
+	11.207		10.806			
π	1335.561	+ 10.141	+10.139			
−	1.066		0.667			
T.P.#141	1334.495					1X1
+	10.870		11.337			
π	1345.365	+10.212	+10.212			
−	0.658		1.125			
T.P.#142	1344.707					1X1
				J.C.		CONT. PG 113

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NOTES RED. JOB NO 0074.33 SURVEY OF SKYLINE DRIVE F.B. 2984 Pg. 113
DATE SURVEY BY U.H. BROWN
NOTES CHKD NOTES BY T.C. PETERSON DATE 4-3-64
DATE INDEXED C.J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT from page 112
T.P. 142	1344.707					
+	11.969		11.663			
=	1356.676	+11.302	+11.305			
−	0.667		0.358			
T.P.#143	1356.009					1X2
+	11.713		11.427			
=	1367.722	+10.956	+10.957			
−	0.757		0.470			
T.P.#144	1366.965					1X2
+	11.538		11.316			
=	1378.503	+10.490	+10.492			
−	1.048		0.824			
T.P.#145	1377.455					1X1
+	10.977		11.359			
=	1388.432	+10.588	+10.587			
−	0.389		0.772			
T.P.# 146	1388.043					1X1
+	~~11.032~~	+10.721	11.477	11.856		
=		~~+10.727~~	+10.721	+10.721		
−	~~0.305~~		0.756	1.135		
T.P.#147	1398.764					1X2
+	11.037		11.500			
=	1409.801	+10.845	+10.846			
−	0.192		0.654			
T.P.#148	1409.609					1X2
+	10.829		11.184			
=	1420.438	+ 9.744	+ 9.742			
−	1.085		1.442			
T.P.#149	1419.353					1X1

cont page 114

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NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED _____ DATE _____

JOB NO. 007433 SURVEY OF SKYLINE DRIVE
SURVEY BY J. H. BROWN
NOTES BY T. C. PETERSON DATE 4-3-64
C. J. GALLI

F.B. 2984 PG. 114

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 149	1419.353					CONT FROM PG 113
+	7.288		7.071			
=	1426.641	+ 3.739	+3.740			
−	3.549		3.331			
BM. BREA 1938	1423.092					BM. BREA 1938 ELEV. STATION IS ON A ROUND TOPPED, GRASS COVERED HILL ABOUT 0.3 MI. E. OF HIGHEST POINT IN BREA HILLS (NIKE SITE). BRASS CAP MON IN 12" SQUARE CONC. POST UP. 6' MARKED AS SHOWN ON PG 51
+	3.213		3.372			
=	1426.305	- 3.736	- 3.736			
−	6.949		7.108			
T.P.# 149	1419.356					
+	1.007		0.763			
=	1420.363	- 9.739	-9.740			
−	10.746		10.503			
T.P.# 148	1409.617					
+	0.194		0.531			
=	1409.811	-10.850	-10.850			
−	11.044		11.381			
T.P.# 147	1398.767					
+	0.936		0.641			
=	1399.703	-10.720	-10.720			
−	11.656		11.361			
T.P.# 146	1388.047					
+	0.448		0.856			
=	1388.495	-10.589	-10.589			
−	11.037		11.445			
T.P.# 145	1377.458					

J.C.
JHB

CONT PG 115

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 145	1377.456					CONT. FROM PG 114
+	0.676		1.063			
=	1378.134	-10.490	-10.489			
—	11.166		11.552			
T.P.# 144	1366.968					
+	0.854		0.611			
=	1367.822	-10.958	-10.958			
—	11.812		11.569			
T.P.# 143	1356.010					
+	0.545		0.303			
=	1356.555	-11.303	-11.303			
—	11.848		11.606			
T.P.# 142	1344.707					
+	0.257		0.598			
=	1344.964	-10.217	-10.216			
—	10.474		10.814			
T.P.# 141	1334.490					
+	0.743		0.943			
=	1335.233	-10.506	-10.506			
—	11.249		11.449			
T.P.# 150	1323.984					1 x 1
+	0.543		0.961			
=	1324.527	-10.594	-10.595			
—	11.137		11.556			
T.P.# 157	1313.390					1 x 1
+	0.888		1.358			
=	1314.278	-10.395	-10.396			
—	11.283		11.754			
T.P.# 152	1302.995					

CONT. ON PG 116

NOTES RED _____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. BROWN
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 4-6-64
DATE _____ INDEXED _____ C. J. GALLI DATE _____

F.B. 2984 PG. 145

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. ____
SURVEY BY J. H. BROWN DATE ____
NOTES BY T.C. PETERSON DATE 4-6-64 NOTES CHKD. ____
INDEXED C. J. GALLI DATE ____

F.B. 2984 PG. 116

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#152	1302.995					CONT. FROM PG 115
+	0.414		0.688			
⊼	1303.409	-10.764	-10.762			
—	11.178		11.450			
T.P.#153	1292.231					1X2
+	0.404		0.602			
⊼	1292.635	-10.829	-10.827			
—	11.233		11.429			
T.P.#154	1281.402					1X2
+	0.853		0.791			
⊼	1282.255	-10.905	-10.905			
—	11.758		11.696			
T.P.#155	1270.497					1X1
+	0.450		0.677			
⊼	1270.947	-10.932	-10.931			
—	11.382		11.608			
T.P.#156	1259.565					1X2
+	0.840		0.613			
⊼	1260.405	-10.999	-10.996			
—	11.839		11.609			
T.P.#157	1248.566					1X1
+	0.556		0.931			
⊼	1249.122	-9.982	-9.982			
—	10.538		10.913			
T.P.#158	1238.584					1X1
+	0.965		0.507			
⊼	1239.549	-10.598	-10.597			
—	11.563		11.104			
T.P.#159	1227.986					1X2
						CONT. PG 117

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NOTES RED. JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE SURVEY BY J.H.B. RONN F.B. 2984 PG. 117
NOTES CHKD NOTES BY T.C. PETERSON DATE 4-6-64
DATE INDEXED C.J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.* 159	1227.986					CONT. FROM PG 116
+	0.350		0.405			
∓	1228.336	- 11.076	-11.077			
—	11.426		11.482			
T.P.* 160	1216.910					1X1
+	0.697		0.368			
∓	1217.607	- 11.058	-11.059			
—	11.755		11.427			
T.P.* 161	1205.852					1X1
+	3.157		2.562			
∓	1209.009	- 4.231	-4.231			
—	7.388		6.793			
P-13A	1201.621					P-13A ELEV. =
						398' W'LY OF INTERSECTION OF FENCES
						THEN S'LY 265± @ 90° TO FENCE; 309'
						(GROUND SLOPE) W'LY DIRT RD; 68' E'LY
						(GROUND SLOPE) 3 PRONGED BLACK WALNUT;
+	7.864		8.961			A 1" I.P. & L.A.CO. ENGR TAG ON 6" IN
∓	1209.485	+ 3.431	+3.431			SQUARE PIT. PER PG 52
—	4.433		5.030			
T.P.* 162	1205.052					1X2
+	6.563		6.267			
∓	1211.615	+ 3.705	+3.704			
—	2.858		2.563			
T.B.M.* 5	1208.757					T.B.M.* 5
						775' (GROUND SLOPE) N.W'LY FROM
+	10.264		10.449			W'LY GATE POST. A 2½" BRASS CAP IN
∓	1219.021	+ 6.705	+ 6.704			1½" I.P. PROJECTING 4" FROM 4' CEM. FILLED
—	3.559		3.745			CASING UP 1' LEANING NORTH. PG 52
T.P.* 163	1215.462					1X2

135'

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F.B. 2984 PG. 118

JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 4-6-64
INDEXED G.J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP163	1215.462					CONT FROM PG 117
+	7.669		8.115			
∧	1223.131	-2.906	-2.906			P-14 ELEV =
—	10.575		11.021			ON A SMALL SPUR RUNNING W.W. FROM
P-14	1212.556					N.W. CORNER ARMY CAMP,
	—					75° SE'LY 12" BLACK WALNUT 56 &
+	2.293		2.130			SW'LY 10" BLACK WALNUT A 1" I.P.
∧	1214.849	-7.120	-7.121			& L.A. CO. ENG'R TAG DN 12' IN 3' X
—	9.413		9.251			3' SQUARE PIT PG. 53
T.P.#164	1205.436					1X2
+	1.439		1.360			
∧	1206.875	-8.089	-8.088			
—	9.528		9.448			
T.P.#165	1197.347					SPK IN BASE OF BLACK WALNUT.
+	1.654		1.120			
∧	1199.001	-6.398	-6.397			
—	8.052		7.517			
T.P.#166	1190.949					1X2
+	1.513		1.060			
∧	1192.462	-6.655	-6.656			
—	8.168		7.716			
P-14 A	1184.294			1184.30		P-14 A ELEV. =
						ON A SMALL RIDGE RUNNING NW'LY
						FROM NW'LY COR. ARMY CAMP; 3 1/8' —
						NE'LY OF P-14. ; 4½° SW'LY
						FROM W'LY EDGE OF DIRT ROAD TO POWER
						LINES; 9½° S'LY OF 16" BLACK WALNUT;
						8½' E'LY 3 PRONGED BLACK WALNUT;
						A 1" I.P. & L.A. CO. ENG'G TAG DN 6"
						IN 2' SQUARE PIT PER PG. 54

CONT PG 119

769420 S & E-353 9-55

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NOTES RED _____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H. BROWN F.B. 2984 Pg. 119
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 4-28-64
DATE _____ INDEXED _____ C. I. GALLI DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-14A	1184.294					SEE PG. 118 FOR DESCRIPTION
+	2.478		2.295			
∧	1186.772	-9.412	-9.413			
−	11.890		11.708			
T.P.# 167	1174.882					1X2
+	0.601		0.720			
∧	1175.483	-10.827	-10.825			
−	11.428		11.545			
T.P.# 168	1164.055					1X1
+	1.697		1.957			
∧	1165.752	-8.525	-8.525			
−	10.222		10.482			
T.P.# 169	1155.530					1X1
+	2.423		2.290			
∧	1157.953	-8.346	-8.346			
−	10.769		10.636			
T.P.# 170	1147.184					1X2
+	5.755		5.602			
∧	1152.939	-4.488	-4.488			
−	10.243		10.090			
B.M. SKY-20	1142.696					B.M. SKY #20 ELEV. ON TOP OF A RIDGE RUNNING N'LY FROM CTR. OF ARMY CAMP. A L.A. CO. ENG'R TAG & LEAD IN E'LY CONC BASE OF TOWER #27-3 UP 18"
+	2.304		2.532			
∧	1145.000	-7.132	-7.133			
−	9.436		9.665			
P-15	1135.564					P-15 ELEV. ON TOP OF RIDGE RUNNING N'LY FROM CTR. OF ARMY CAMP / 969' NLY FROM N'LY TOWER BASE: 84' N'LY

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. ____ DATE ____
SURVEY BY J.H. BROWN NOTES CHKD. ____ DATE ____
NOTES BY T.G. PETERSON DATE 5-7-64
INDEXED C. J. GALLI DATE •
F.B. 2984 PG. 120

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT PG 119
P-15	1135.564					SEE PG 119 FOR DESCRIPTION
+	9.104		9.187			
π	1144.668	+8.035	+8.036			
−	1.069		1.151			
T.P.#171	1143.599					1X1
+	9.609		9.828			
π	1153.208	+7.004	+7.005			
−	2.605		2.823			
T.P.#172	1150.603					1X2
+	11.976		11.787			
π	1162.579	+7.986	+7.987			
−	3.990		3.800			
T.P.#173	1158.589					1X2
+	4.895		4.924			
π	1163.484	−3.203	−3.201			
−	8.098		8.125			
B.M. SKY 21	1155.386					B.M. SKY 21 ELEV. = ON E'LY OF 2 SPURS RUNNING NORTH FROM ARMY CAMP. BT. SPK IN CONC: BASE, N.W. LEG OF HIGH TENSION TOWER #27-2
+	0.731		0.333			
π	1156.117	−9.684	−9.684			
−	10.415		10.017			
T.P.#174	1145.702					1X2
+	1.943		2.043			
π	1147.645	−9.371	−9.371			
−	11.314		11.414			
T.P.#175	1136.331					1X2

76S420 S & E-353 9-55

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NOTES RED _____ JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H. BROWN F.B. 2984 PG. 121
NOTES CHKD _____ NOTES BY T.C. PETERSEN DATE 5-7-64
DATE _____ INDEXED _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 175	1136.331					CONT. PG 120
+	0.772		0.567			
∑	1137.103	-10.241	-10.242			
—	11.013		10.809			
T.P.# 176	1126.090					1X2
+	0.494		0.282			
∑	1126.584	-9.929	-9.929			
—	10.423		10.211			
T.P.# 177	1116.161					1X2
+	0.727		0.549			
∑	1116.888	-4.429	-4.429			
—	5.156		4.978			
P-15 A	1111.732					P-15 A ELEV.- ON E'LY OF TWO SPURS RUNNING N'LY FROM ARMY CAMP. 149± N'LY OF I.P. CENTER OF TOWER # 27-2; ON PROD. OF LINE FROM CENTER OF TOWER # 20-2; 80± N W'LY (ON LINE) OF FENCE LINE; A 1" I.P. & L.A. CO. ENG'R TAG DN 6" IN 2X2' SQUARE PIT PER PG. 56
+	5.340		5.107			
∑	1117.072	-3.682	-3,680			
—	9.022		8.787			
P-15 B	1108.050					P-15 B ELEV. 83' E'LY OF P-15 A; 3' E'LY OF FENCE LINE; A 1" I.P. & L.A. CO. ENG'R TAG FLUSH, PER PG 57
+	1.337		1.585			
∑	1109.387	-10.051	-10,050			
—	11.388		11,635			
T.P.# 178	1097.999					1X2

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 5-7-64
INDEXED E.J. CALL DATE

F.B. 298 PG. 122

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#178	1097.999					CONT. PG. 121
+	0.599		0.767			
=	1098.598	-10586	-10.586			
-	11.185		11.353			
T.P.#179	1087.413					1X1.
+	0.635		0.456			
=	1088.048	-11.021	-11.023			
-	11.656		11.479			
T.P.#180	1076.392					1X1
+	1.187		1.573			
=	1077.579	-8.117	-8.117			
-	9.304		9.690			
T.P.#181	1068.275					1X2
+	0.582		0.838			
=	1068.857	-10.331	-10.335			
-	10.913		11.173			
T.P.#182	1057.944					1X1
+	0.415		0.687			
=	1058.359	-10.501	-10.501			
-	10.916		11.188			
T.P.#183	1047.443					1X1
+	0.437		0.806			
=	1047.880	-10.737	-10.734			
-	11.174		11.540			
T.P.#184	1036.706					1X1
+	0.774		0.543			
=	1037.480	-9.614	-9.614			
-	10.388		10.157			
T.B.M.#6	1027.092					T.B.M.#6 ELEV.
						CONT. PG 123

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NOTES RED _____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. BROWN F.B. 2984 PG. 123
NOTES CHKD _____ NOTES BY T.G. PETERSON DATE 5-7-64
DATE _____ INDEXED C. J. GAUL DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M.#6	1027.092					CONT. PG 122
+	0.286		0.454			
=	1027.378	-10.732	-10.732			
-	11.018		11.186			
T.P.#185	1016.360					1X1
+	0.477		0.218			
=	1016.837	-10.139	-10.140			
-	10.616		10.358			
T.P.#186	1006.221					1X2
+	1.883		1.743			
=	1008.104	-4.223	-4.223			
-	6.106		5.966			
P-16	1001.998					P-16 ELEV. = 76⅝ N'LY OF NORTHMOST HIGH TENSION WIRE, 134½ N.E'LY OF 18" OAK; 114⅝ N'LY 18" BLACK WALNUT. A 1"I.P. & L.A. CO. ENG'R TAG ON 8" IN 2'X2' SQUARE PIT PER PG. 58
+	11.018		11.234			
=	1013.016	+10.663	+10.665			
-	0.355		0.569			
T.P.#187	1012.661					1X1
+	11.213		11.430			
=	1023.874	+10.607	+10.606			
-	0.606		0.824			
T.P.#188	1023.268					1X1
+	11.072		11.346			
=	1034.340	+10.539	+10.537			
-	0.533		0.809			
T.P.#189	1033.807					1X1

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 5-7-64
INDEXED C. J. CALLI DATE
F.B. 2984 PG. 124

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#189	1033.807					CONT. PG 123
+	9.307		9.649			
⊼	1043.114	+1.532	+1.532			
−	7.775		8.117			
P-16 A	1035.339					P-16A ELEV. =
+	0.536		1.049			
⊼	1035.875	-10.457	-10.457			
−	10.993		11.506			
T.P.#190	1024.882					1X1
+	0.524		1.084			
⊼	1025.406	-10.597	-10.595			
−	11.121		11.679			
T.P.#191	1014.285					1X1
+	0.288		0.647			
⊼	1014.573	-10.653	-10.654			
−	10.941		11.301			
T.P.#192	1003.632					1X1
+	~~0.446~~	10.784	0.677	0.873		
⊼	1004.078	~~-10.793~~	-10.785	-10.784		
−	~~11.239~~		11.462	11.657		
T.P.#193	992.839 99					1X1
+	0.624		0.899			
⊼	993.472	-10.705	-10.708			
−	11.329		11.607			
T.P.#194	982.143 ✓					1X1
				20		CONT. PG 125

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 194	982.143					CONT. PG. 124
+	0.290		0.389			
⊼	982.433	- 11.460	- 11.460			
−	11.750		11.849			
T.P.# 195	970.683					1X1
+	0.446		0.338			
⊼	971.129	- 11.400	- 11.397			
−	11.846		11.735			
P-17	959.283					P-17 ELEV.
	|					SPT B-27 BETWEEN Y BARRA & MENCHESO
	|					PARCELS; 79.5' SE'LY P-16A; 17' SW'LY
	|					W'LY EDGE DIRT RD. A 3" BRASS CAP ON
+	10.954		11.107			A 2" I.P. UP 6" FROM A 5" CEM. FILLED
⊼	970.237	+ 10.374	+ 10.376			CASING WHICH IS UP 4" PER PG 60
−	0.580		0.731			
T.P.# 196	969.657					1X1
+	11.640		11.746			
⊼	981.297	+ 11.326	+ 11.326			
−	0.314		0.420			
T.P.# 197	980.983					1X1
+	11.616		11.843			
⊼	992.599	+ 11.387	+ 11.387			
−	0.229		0.456			
T.P.# 198	992.370					1X1
+	11.414		11.598			
⊼	1003.784	+ 11.019	+ 11.016			
−	0.395		0.582			
T.P.# 199	1003.389 ✓					1X1

NOTES RED _____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. BROWN F.B. 2984 PG. 125
NOTES CHK'D _____ NOTES BY T. C. PETERSON DATE 5-7-64
DATE _____ INDEXED _____ C. J. GALLI DATE _____

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 199	1003.389					CONT. PG 125
+	11.441		11.647			
⊼	1014.830	+11.052	+11.050			
−	0.389		0.597			
T.P.# 200	1014.441					1X1
+	11.474		11.704			
⊼	1025.915	+11.280	+11.280			
−	0.194		0.424			
T.P.# 201	1025.721					1X1
+	11.427		11.613			
⊼	1037.148	+11.040	+11.039			
−	0.387		0.574			
T.P.# 202	1036.761					1X1
+	11.220		11.543			
⊼	1047.981	+10.972	+10.971			
−	0.248		0.572			
T.P.# 203	1047.733					
+	10.943		11.034			
⊼	1058.676	+8.927	+8.927			
−	2.016		2.107			
P-17 A	1056.660					P-17 A ELEV. SIDEHILL East of main drainage 843.7 NE'ly of P-17. ON west edge of dirt road (above U turn), 443' s'ly of a natural drainage measured on ground slope along west edge of road. a 1" I.P & co. ENGR tag dn 12" shown FB 2984-61
						CONT. PG 127

JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J.H. BROWN DATE
NOTES BY T.C. PETERSON DATE 5-8-64 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2984 PG. 126

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NOTES RED JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE SURVEY BY J.H. BROWN F.B. 2984 PG. 127
NOTES CHKD NOTES BY T.C. PETERSON DATE 5-8-64
DATE INDEXED C.J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-17A	1056.660					CONT. PG. 126
+	11,269		11,483			
=	1067,929	+10.580	+10,580			
−	0,689		0.903			
T.P.#204	1067.240					1X1
+	11,765		11,944			
=	1079,005	+10.998	+10.997			
−	0,767		0.947			
T.P.#205	1078,238					1X1
+	10,903		11,186			
=	1089,141	+10.490	+10,487			
−	0.413		0,699			
T.P.#206	1088,728					1X1
+	11,842		11,967			
=	1100,570	+11.632	+11.630			
−	0,210		0337			
T.P.#207	1100,360					1X2
+	11,315		11,612			
=	1111,675	+10,999	+11,000			
−	0.316		0,612			
T.P.#208	1111,359					1X1
+	11,424		11,204			
=	1122,783	+10,798	+10,798			
−	0.626		0,406			
T.P.#209	1122,157					1X1
+	10,078		11,485			
=	1132,235	+6.870	+6,869			
−	3,208		4,616			
T.P.#210	1129,027					1X1

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J. H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 5-8-64
INDEXED E. J. GALLI DATE

F.B. 2984 PG. 128

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#210	1129.027					CONT. PG. 127
+	9.328		9.494			
⊼	1138.355	+7.142	+7.141			
−	2.186		2.353			
B.M. SKY-22	1136.169					B.M. SKY-22 ELEV. ON THE MAIN RIDGE WEST OF BREA CNYN RD. A BT 50K IN CONC BASE OF NMLEG TOWER # 27-1
+	0.483		0.507			
⊼	1136.652	−10.859	−10.857			
−	11.342		11.364			
T.P.#211	1125.310					1X1
+	0.607		0.862			
⊼	1125.917	−10.470	−10.466			
−	11.077		11.328			
T.P.#212	1114.840					1X1
+	0.505		0.347			
⊼	1115.345	−10.218	−10.218			
−	11.723		11.565			
T.P.#213	1103.622					1X1
+	~~0.334~~	~~−10.903~~	0.537	0.674		
⊼	~~1104.956~~	~~−10.911~~	−10.906	−10.903		
−	~~11.245~~		11.443	11.577		
T.P.#214	1092.~~711~~ 7.19					1X1
+	0.469		0.596			
⊼	1093.188	−10.858	−10.858			
−	11.327		11.454			
T.P.#215	1081.861					1X1
+	0.393		0.564			
⊼	1082.254	−10.671	−10.670			
−	11.064		11.234			
T.P.#216	1071.190					1X1
						CONT. PG 129

768420 S & E-353 9-55

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Do not extend notes this side of this line

NOTES RED _____ JOB NO 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. BROWN
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 5-8-64
DATE _____ INDEXED _____ DATE _____

F.B. 2984 PG. 129

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #216	1071.190					CONT. PG 128
+	0.462		0.681			
=	1071.652	-11.071	-11.071			
-	11.533		11.752			
P-17C	1060.119					P-17C ELEV.=
+	1.647		1.883			ON W'LY SLOPE OF MAIN RIDGE;
=	1061.766	-9.850	-9.850			521' (GROUND SLOPE) N 14° W (MAG) FROM
-	11.497		11.733			I.P. CTR. TOWER #27-1; ON LINE OF
T.P. #217	1050.269					CTR. OF TOWERS; 302' (GROUND SLOPE)
+	0.480		0.583			N 35° W (MAG.) FROM MIDDLE OF
=	1050.749	-10.763	-10.760			TRACK RD. TO TOP OF RIDGE; 269.6'
-	11.243		11.343			S W'LY OF NAIL IN ROCK OUTCROP;
T.P. #218	1039.506					138.8' SE'LY NAIL IN ROCK OUTCROP;
+	0.574		0.657			79.7' NE'LY NAIL IN ROCK OUTCROP;
=	1040.080	-10.940	-10.940			A 1" I.P. CEM. PLUG & CO. ENG'R. TAG
-	11.514		11.597			DN 6" PER PG. 63
T.P. #219	1028.566					1X1
+	0.440		0.667			
=	1029.006	-9.599	-9.600			
-	10.039		10.267			
P-18	1018.967					P-18 ELEV.=
						ON SIDE HILL NW SIDE MAIN RIDGE;
						812' NW'LY CTR. TRACK RD; 450'
						NE'LY P-17C (SHOWN ABOVE) 175.6'
						NE'LY NAIL IN ROCK OUTCROP; 182.1'
						NW'LY NAIL & TIN IN 48" OAK; A 1"
						I.P. CEM. PLUG & CO. ENGR TAG DN 12"
+	11.661		11.777			IN 2'X2' SQUARE PIT PER PG 64
=	1030.628	+10.638	+10.634			
-	1.023		1.143			

F.B. 2984 PG. 130

JOB NO. 0074,33 SURVEY OF SKYLINE DRIVE NOTES RED. ____
SURVEY BY J.H. BROWN DATE ____
NOTES BY T.C. PETERSON DATE 5-8-64 NOTES CHKD. ____
INDEXED C. J. GALLI DATE ____ DATE ____

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B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
T.P.#220	1029.605					CONT. PG. 129
+	~~11.210~~	~~+10.693~~	11.540	11.741		
⊼	~~1041.815~~	+ ~~10.687~~	+ 10.692	10.693		
−	~~0.523~~		0.848	1.048		
T.P.#221	1040.298 (~~292~~)					1X1
+	11.473		11.104			
⊼	1051.771	+1.706	+1.708			
−	9.767		9.396			
T.P.#222	1042.004					1X1
+	0.723		0.907	1.098		
⊼	1042.727	−10.591	−10.596	−10.590		
−	11.314		11.503	11.688		
T.P.#223	1031.413					1X1
+	6.604		6.898			
⊼	1038.017	−4.208	−4.211			
−	10.812		11.109			
T.P.#224	1027.205					1X1
+	7.099		7.180			
⊼	1034.304	+4.206	+4.206			
−	2.893		2.974			
P-19	1031.411					P-19 ELEV. = ABOUT 1500' N.E. OF POWER LINES OVER MAIN RIDGE OF PUENTE HILLS. 105'±5' N.E. OF LOWEST POINT IN CREST OF RIDGE. 47.49' S.50°E (MAG.) 20" OAK; 56' (MAG) S. OF ROCK OUTCROP 18' N45°W (MAG.) CTR. TRACK RD. A 1" I.P. CEM. PLUG & Co. ENG'R TAG DN 12" IN 2'X2' SQUARE PIT PER PG 65
				J.O.		CONT. PG 131

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NOTES RED _____ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY V.H. BROWN F.B. 2984
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 6-12-64 PG. 131
DATE _____ INDEXED _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT FR 130
P-19	1031.411					P-19
+	4.281		3.903			
π	1035.692	+0.476	0.477			
−	3.805		3.426			
T.B.M.#7	1031.887					T.B.M.#7 ELEV.=
						28.25' S 17°(MAG.) FROM P-19;
+	3.143		2.925			93' NELY OF A LOW POINT IN RIDGE;
π	1035.030	-3.084	3.084			7' S 45°E (MAG.) FROM CTR. TRACK RD;
−	6.227		6.209			A NAIL IN TOP OF ROCK; UP 12".
T.P.#225	1028.803					1X2
+	2.332		2.448			
π	1031.135	-6.916	6.918			
−	9.248		9.366			
T.P.#226	1021.887					1X2
+	10.127		10.309			
π	1032.014	+8.890	8.889			
−	1.237		1.420			
T.P.#227	1030.777					1X2
+	6.944		6.721			
π	1037.721	-3.380	3.381			
−	10.324		10.102			
T.P.#228	1027.397					1X2
+	6.914		6.615			
π	1034.311	-2.428	2.428			
−	9.342		9.043			
P-20	1024.969					P-20 ELEV.=

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN NOTES CHKD. DATE
NOTES BY T.C. PETERSON DATE 6-12-64
INDEXED C.J. GALLI DATE
F.B. 2984 PG. 132

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT. PG 131
P-20	1024.969					P-20 ELEV.= ON A SMALL SPUR RUNNING N.W'LY FROM MAIN RIDGE, 280'±10' FROM DIRT ROAD TOP MAIN RIDGE; 27' W. OF 8" SCRUB OAK (W'LY OF 3) 319'±5' S. OF FENCE LINE (GROUND SLOPE). A 1" I.P. CEM. PLUG, & CO. ENG'R TAG DN 6" IN 2'X2' SQUARE PIT PER PG 66
+	3.764		4.273			
π	1028.733	-5.492	5.495			
−	9.256		9.768			
T.P.#229	1019.477					1X2
+	0.537		0.946			
π	1020.014	-9.056	9.055			
−	9.593		10.001			
T.P.#230	1010.421					1X1
+	0.429		0.773			
π	1010.850	-9.074	9.073			
−	9.503		9.846			
T.P.#231	1001.347					1X1
+	0.567		0.348			
π	1001.914	-11.310	11.306			
−	11.877		11.654			
T.B.M.#8	990.037					T.B.M. #8 ELEV.= ON A SMALL BENCH N.W. SIDE MAIN RIDGE PUENTE HILLS; 73' W OF GATE POST ON TOP OF RIDGE; 3540' E OF INTS. RD. LINE; 21'±50. FENCE LINE (PARTITION Y BARRA TR) A 1½" I.P. CEM. PLUG & TAG (L.S. 2428) UD 2'±. PER PG 67
+	0.961		0.701			
π	990.998	-9.464	9.465			
−	10.425		10.166			
T.P.#232	980.573					1X1
+	1.858		1.596			
π	982.431	-6.485	6.485			
−	8.343		8.081			
T.B.M.#9	974.088					

JA

CONT. PG 133

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NOTES RED _____ JOB NO 0014.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. BROWN
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 6-12-64
DATE _____ INDEXED _____ DATE _____ F.B. _____ PG. 133

B.M. ✓	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT. PG 132
T.B.M. #9	974.088					T.B.M. #9 ELEV. = 79,0 E'LY T.B.M. #8; 5' N OF FENCE LINE. A 1" I.P. CEM, PLUG & CO. ENGR TAG DN 4" PER PG
+	11,533		11.653			
⊼	985.621	+10.290	10.291			
—	1,243		1.362			
T.P. #233	984.378					
+	10,900		11.402			
⊼	995.278	+10,092	10,090			
—	0.808		1.312			
T.P. #234	994.470					
+	11.880	+	11.999			
⊼	1006.350	+11.573	11.575			
—	0.307		0.424			
T.P. #235	1006.043					
+	11.417		11.241			
⊼	1017.460	+10.245	10.244			
—	1.172		0.997			
T.B.M. #10	1016.288					T.B.M. #10 ELEV. = 301.6 NE'LY T.B.M. #9; 330.1' N.W OF STONE (T.B.M. #11)
+	10.707		10.337			
⊼	1026.995	+8.879	8.875			
—	1.828		1,462			
T.P. #236	1025.167					
+	11,696		11,795			
⊼	1036.863	+11.473	11,472			
—	0.223		0.323			
T.P. #237	1036.640					
+	11.582		11,254			
⊼	1048.222	+10.964	10.967			
—	0.618		0.287			
T.P. #238	1047.604					

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. DATE
SURVEY BY J.H. BROWN NOTES CHKD. DATE
NOTES BY T.G. PETERSON DATE 6-12-64
INDEXED C.J. GALLI DATE
F.B. 2984 PG. 134

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 238	1047.604					
+	11.642		11.966			
⊼	1059.246	+11.414	11.414			
−	0.228		0.552			
T.P.# 239	1059.018					1X1
+	10.044		10.307			
⊼	1069.062	+6.295	6.293			
−	3.749		4.014			
T.P. # 240	1065.313					1X1
+	8.565		8.305			
⊼	1073.878	+7.320	7.321			
−	1.245		0.984			
T.B.M. # 11	1072.633					T.B.M. # 11 ELEV. = TOP OF MAIN RIDGE WHERE PARTITION LINE FENCE (YBARRA TR) CROSSES RIDGE) 12.' WEST OF WEST GATE POST. HIGHEST POINT ON 4"X10" STONE, PROJECTING 18"; POINT USED IS 0.043 HIGHER THAN CHISELED CROSS SHOWN PG 77
+	0.372		0.198			
⊼	1073.005	−6.489	6.485			
−	6.861		6.683			
T.P.# 241	1066.144					1X1
+	3.147		2.863			
⊼	1069.291	−7.060	7.061			
−	10.207		9.924			
T.P.# 242	1059.084					1X1
+	0.195		0.332			
⊼	1059.279	−6.971	6.973			
−	7.166		7.305			
T.P.# 243	1052.113					1X1

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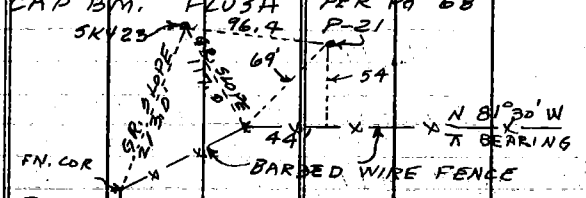
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 243	1052.113					
+	1.929		1.703			
⊼	1054.042	-7.245	7.244			
—	9.174		8.947			
T.P.# 244	1044.868					1X1
+	10.845		10.301			
⊼	1055.713	+7.942	7.943			
—	2.903		2.358			
T.P.# 245	1052.810					1X1
+	8.845		8.518			
⊼	1061.655	+6.228	6.228			
—	2.617		2.290			
B.M. SKY 23	1059.038					BM. SKY 23 ELEV. ON TOP OF SMALL KNOLL 96.5' N W'LY OF P-21, 117.0 & 213.0 TO FENCE CORNERS. A STD. L.A. CO. BRASS CAP BM. FLUSH PER PG 68
+	2.719		2.507			
⊼	1061.757	-8.728	8.729			
—	11.447		11.236			
P-21	1050.310					P-21 ELEV. NEAR TOP OF SMALL KNOLL 54' N'LY OF FENCE LINE AT 90° TO FENCE, 69' N'ELY OF FENCE COR. A 1" I.P. CEM. PLUG & CO. ENG'R TAG DN 6" IN 2'X2' PIT. PER PG 68



NOTES RED ____ JOB NO. 0014-[illegible] SURVEY OF SKYLINE DRIVE
DATE ____ SURVEY BY J.H. BROWN
NOTES CHKD ____ NOTES BY T.C. PETERSON DATE 6-12-64
DATE ____ INDEXED C. J. GALLI DATE ____

F.B. ____ PG. 13[illegible]

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED. ____ DATE ____
SURVEY BY J. H. & ROWN ____ NOTES CHKD. ____ DATE ____
NOTES BY T. C. PETERSON DATE 6-12-64
C. J. GALLI
INDEXED ____ DATE ____
F.B. 2984 Pg. 136

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-21	1050.310					
+	1.453		1.171			
⊼	1051.763	- 7.844	7.842			
−	9.297		9.013			
T.P. #246	1042.466					1X1
+	0.416		0.257			
⊼	1042.882	-11.394	11.395			
−	11.810		11.652			
T.P. #247	1031.072					1X1
+	0.319		0.605			
⊼	1031.391	-10.502	10.501			
−	10.821		11.106			
T.P. #248	1020.570					1X1
+	0.203		0.471			
⊼	1020.773	-10.921	10.917			
−	11.124		11.388			
T.P. #249	1009.649					1X1
+	0.688		0.510			
⊼	1010.337	-10.850	10.848			
−	11.538		11.358			
T.B.M. #12	998.799					T.B.M. #12 ELEV. = ON E. SLOPE OF SPUR RUNNING N. FROM MAIN RIDGE; 270' (GROUND SLOPE) N.E. P-21; 50' WEST (GROUND SLOPE) OF FENCE LINE; 242' (GROUND SLOPE) N OF FENCE COR. TOP OF MAIN RIDGE; 1½" I.P. CEM. PLUG & CO. ENG'R TAG UP 8' PER PG 69
+	1.049		0.812			
⊼	999.848	- 0.754	0.754			
−	1.803		1.566			
T.B.M. #13	998.045					

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B.M. /	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT. PG 136
T.B.M. #13	998.045					T.B.M. #13 (P-21A) ELEV. = 212' E'LY P-21; 49' WEST OF FENCE LINE; 110' (GROUND SLOPE) N. OF FENCE LINE ON TOP OF MAIN RIDGE; A 1" I.D. CEM. PLUG & CO. ENG'R TAG DN 8" IN 2'x2' SQ VARE PIT PER PG 69
+	0.215		0.443			
π	998.260	-11.432	11.432			
−	11.647		11.875			
T.P. #250	986.613					1x1
+	0.675		0.408			
π	987.288	-10.458	10.459			
−	11.133		10.867			
T.P. #251	976.155					1x1
+	0.473		0.701			
π	976.628	-10.500	10.500			
−	10.973		11.201			
T.P. #252	965.655					1x1
+	0.236		0.614			
π	965.891	-10.771	10.771			
−	11.007		11.385			
T.P. #253	954.884					1x2
+	0.186		0.307			
π	955.070	-0.435	0.436			
−	0.621		0.743			
T.P. #254	954.449					1x1
+	10.178		9.820			
π	964.627	+8.801	8.797			
−	1.377		1.023			
T.P. #255	963.250					1x1
+	8.300		7.940			
π	971.550	-2.541	2.540			
−	10.841		10.480			
T.P. #256	960.709					1x1

J.O.

NOTES RED _____ JOB NO. 00714.22 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H. BROWN
NOTES CHKD _____ NOTES BY T.C. PETERSON DATE 6-15-64
DATE _____ INDEXED _____ G. J. GALLI DATE _____

F.B. 2-1 of PG. 137

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JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J. H. BROWN DATE
NOTES BY T.C. PETERSON DATE 6-15-64 NOTES CHKD.
INDEXED G. J. GALLI DATE DATE

F.B. 2994 PG. 138

B.M. ✓	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#256	960.709					
+	2.977		3.161			
⊼	963.686	-5.028	5.026			
−	8.005		8.187			
P-22	955.681					P-22 ELEV. = 175' S 69° W MAG of A Low point in crest of saddle; bushy portion of main ridge; 105.' S.E.'ly of 30" oak. 580'±10 NE'ly along RIDGE from fence OOK near W. line TR 2888. 196' N of a 7" TREE A 1" I.P. & Co. ENGR tag DN 6" in 2'x2' sq pit.
+	0.505		0.716			
⊼	956.186	-9.582	9.580			
−	10.087		10.296			
T.P.#257	946.099					1x1
+	0.853		0.526			
⊼	946.952	-9.265	9.267			
−	10.118		9.793			
T.P.#258	936.834					1x1
+	0.233		0.462			
⊼	937.067	-5.240	5.241			
−	5.473		5.703			
T.P.#259	931.594					1x2
+	7.573		7.603			
⊼	939.167	+7.278	7.280			
−	0.295		0.323			
T.P.#260	938.872					1x1
+	9.132		8.842			
⊼	948.004	+5.416	5.417			
−	3.716		3.425			
T.P.#261	944.288					1x1
				J.O.		

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NOTES RED _____ JOB NO. _____ SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J.H. BROWN
NOTES CHKD _____ NOTES BY T.G. PETERSON DATE 6-15-64
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 1017 Pg. 139

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#261	944.288					
+	9.609		9.817			
=	953.897	+ 9.404	9.404			
−	0.205		0.413			
T.P.#262	953.692					1X2
+	6.687		6.865			
=	960.379	+2.491	2.490			
−	4.196		4.375			
T.P.#263	956.183					1X1
+	10.727		10.474			
=	966.910	+6.744	6.741			
−	3.983		3.733			
T.P.#264	962.927					1X2
+	5.668		5.840			
=	968595	+0.834	0.836			
−	4.834		5.004			
PATHFINDER BM-3	963.761					B.M. PATHFINDER 3 ELEV. = ON TOP OF A SMALL NOSE, WEST SIDE OF HIGH POINT ON MAIN RIDGE; 380'± N30°E OF SADDLE; 536' NE'LY OF P-22; 67' SW'LY 18" OAK; 76' W'LY OF 24" PRONG OF 3 PRONGED OAK; 13.2 S'LY P.I. #3 PATHFINDER RD. A STD. L.A. CO. B.M. MON. UP 4" MARKED "PATH. B.M. -3" AS SHOWN FB 3132-29. SEE FB 2984-71
+	5.233					
=	968.994	−1.764				
−	6.997					
P.I. #3 (PATHFINDER)	961.997					P.I. #3 (PATHFINDER) CONT NEXT PAGE:

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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.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.I. #3	961.997					P.I. #3 (PATHFINDER) Elev=
+	6.738					
⊼	968.735	+1.765				13.28 N. of BM PATH #3
−	4.973					26.99 s'ly of n. & fin in 5"
						61.10 W'ly of n. & fin in 14" oak
						A 1" I.F. & CO ENGR tag. DN 6"
B.M. PATH #3	963.762					BM PATH #3
						shown Last page

JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE NOTES RED.
SURVEY BY J.H. BROWN DATE
NOTES BY T.C. PETERSON DATE 6-15-64 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F.B. 2984 PG. 140

NOTES RED. ______ JOB NO. 0074.33 SURVEY OF SKYLINE DRIVE | F.B. 2984 PG. 141

DATE ______ SURVEY BY J. H. Brown

NOTES CHKD. ______ NOTES BY J. H. B DATE 6-17-64

DATE ______ INDEXED C. J. GALLI DATE ______

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76S420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J. N. 0074.33
						SKYLINE DRIVE
						BENCH LEVELS
						from TBM #1 (pg 89)
						to BM SKY 16
						to P-6 pg 89
						June 17, 1964 CIRCUIT #2

PARTY:
J. H. Brown
T. C. Peterson
A. CARO
R. C. CLIFFORD
J. F. Ochsner

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JOB NO. 007433 SURVEY OF SKYLINE DR. NOTES RED. DATE
SURVEY BY J. H. Brown NOTES CHKD. DATE
NOTES BY T. C. PETERSON DATE 6-17-64
INDEXED C. J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CIRCUIT #2
TBM #1	962.929					TBM #1 Elev = 962.929 1st run unadj.
	11.206		11.408			FB2984-89. ON MAIN RIDGE OF
	974.135	+10.792	10.794			PUENTE HILLS. 215' NEly of top
	0.414		0.614			ALONG FENCE LINE NEAR W. Bdry
						RO LA PUENTE 315 NEly along
						fence from N. gate post at end
						existing SKYLINE DR. A 2" I.P.
						wood plug & nail MARKING N E cor
						of 40' Easement for private road.
						see pgs 89 & 37.
T.P	973.721					1X1
+	11.338		11.397			
⊼	985.059	+10.490	10.489			
−	0.848		0.908			
T.P	984.211					1X1
+	10.107		10.268			
⊼	994.318	+8.464	8.464			
−	1.643		1.804			
T.P	992.675					1X1
+	7.059		7.178			
⊼	999.734	+4.805	4.804			
−	2.254		2.374			
BM SKY 16	997.480					BM SKY 16 Elev -
						ON CREST OF MAIN RIDGE PUENTE
						HILLS UNDER FENCE LINE NEAR E
						LINE RO LA HABRA. 110 NE
						of MIDDLE GATE @ end
						existing SKYLINE DR.
						5' NE of 2" I.P. up 2'
						A. STD L.A. CO. BM.
						MARKED AS SHOWN

COUNTY ENGINEER BM SKY 16 R.E. 5869

F.B. 2984 PG. 142

765420 S & E-353 9-55

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NOTES RED _____ JOB NO 0714.33 SURVEY OF SKYLINE DRIVE
DATE _____ SURVEY BY J. H. BROWN
NOTES CHKD _____ NOTES BY T. G. PETERSON DATE 6-17-64
DATE _____ INDEXED C. J. GALLI DATE _____

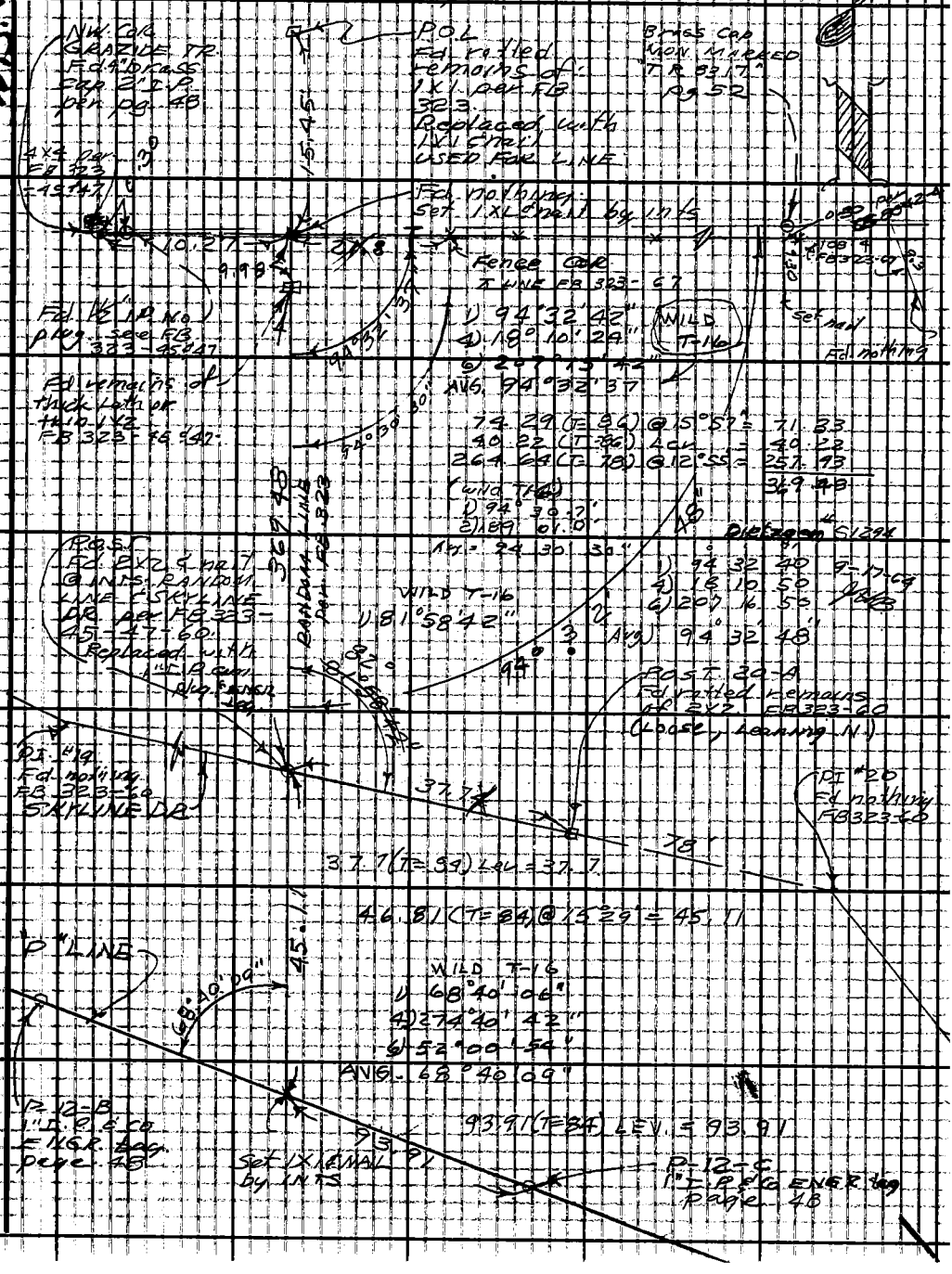
F.B. 2984 PG. 143

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						CONT. PG. 142 CIRCUT #2
BM. SKY 16	997.480					
+	0.775		0.597			
∧	998.255	-9.174	9.174			
—	9.949		9.771			
T.P.	988.306					1X1
+	0.380		0.684			
∧	988.686	-10.597	10.596			
—	10.977		11.280			
T.P.	977.709					1X1
+	0.505		0.778			
∧	978.214	-10.370	10.370			
—	10.875		11.148			
T.P.	967.339					1X1
+	1.809		2.001			
∧	969.148	-7.381	7.381			
—	9.190		9.382			
T.P.	959.958					1X1
+	10.303		10.359			
∧	970.261	+5.470	5.471			
—	4.833		4.888			
T.P.	965.428					1X1
+	8.999		8.866			
∧	974.427	+3.756	3.756			
—	5.243		5.110			
P-6	969.184					P-6 ELEV =
						70' N. @ DIRT RD; 330' ± E'LY BARBED WIRE FENCE (W'LY LINE RO. LA PUENTE #
						57' SO. OF 2 PRONGED BLACK WALNUT. TREE; A 1" I. P. CEM. PLUG & CO.
						ENG'R TAG DN 10" PER PG 38
				END		

W.S. 38 D-5

Notes Ck'd by	Survey of SKYLINE DRIVE
Map No.	JN 0074.33 Tape 99 Sta 84 °F
Office Work	Surveyed by J.H. BROWN
Checked	Notes J.H.B. Date 6-64
Date	Indexed G. J. GALLI

F.B. 2984 PG. 147



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76F309S C.E. #310 6-62

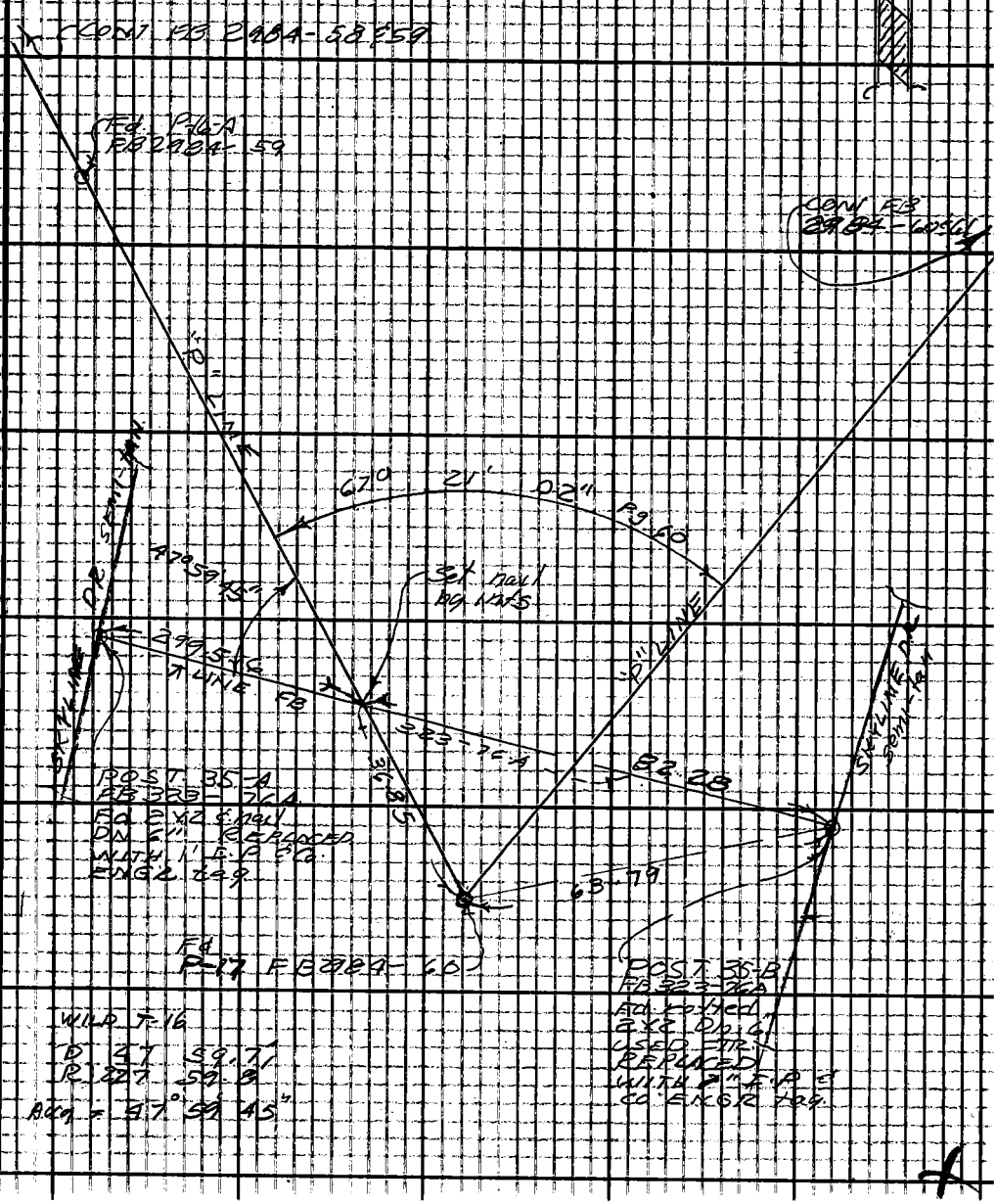
Notes Ck'd by	Survey of SKYLINE DRIVE	F.B. 2984 PG. 149
Map No.	JN 0074.33 Tape 99 Sta 84 °F	
Office Work	Surveyed by J. H. Brown	
Checked	Notes J.H.B. Date 6-26-64	
Date	Indexed C. J. GALLI	

36.85 (T=82) Lev = 36.85

82.28 (T=82) Lev = 82.28

63.79 (T=82) Lev = 63.79

300.20 (T=84) 33° 44' = 299.56



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76F309S CE #310 6-62

F.B. 2904 PG 150

1) 172 30 00

2) 345 00 10

Avg = 172 30 05

91.07 @ 12'11 (T=82) = 89.02

24.53 4ev (T=82) = 24.53

65.15 Lev (T=82) = 65.15

59.34 (T=84) Lev = 59.34

23.98 (T=84) Lev = 23.98

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Notes Ck'd by	Survey of PH. PHOTO	F. B. 2984 PG. 151
Map No.	J.N. Tape Std. °F	
Office Work	Surveyed by RCW	
Checked	Notes RCW Date 1-66	
Date	Indexed C. J. GALLI FEB 2 4 66	

PUENTE HILLS PHOTO CONTROL

JN 0075.03
JN 0074.45
JN 0074.33
JN 0301.00

DEC. '65 - JAN. '66

TRAVERSE STATIONS & PHOTO CONTROL POINTS

PARTY	PARTY
WILSON	FULTON
RANDALL	JONES
MARTINEZ	PYLE
MANLEY	TULLIER
GOODWIN	

Entered by Gen. Index Card
Plat Bk. H.R.B.S. Quad Shts.
Plat Bk. Sur. Div. W.S. No.
Sketch on Gen. Desc. Card

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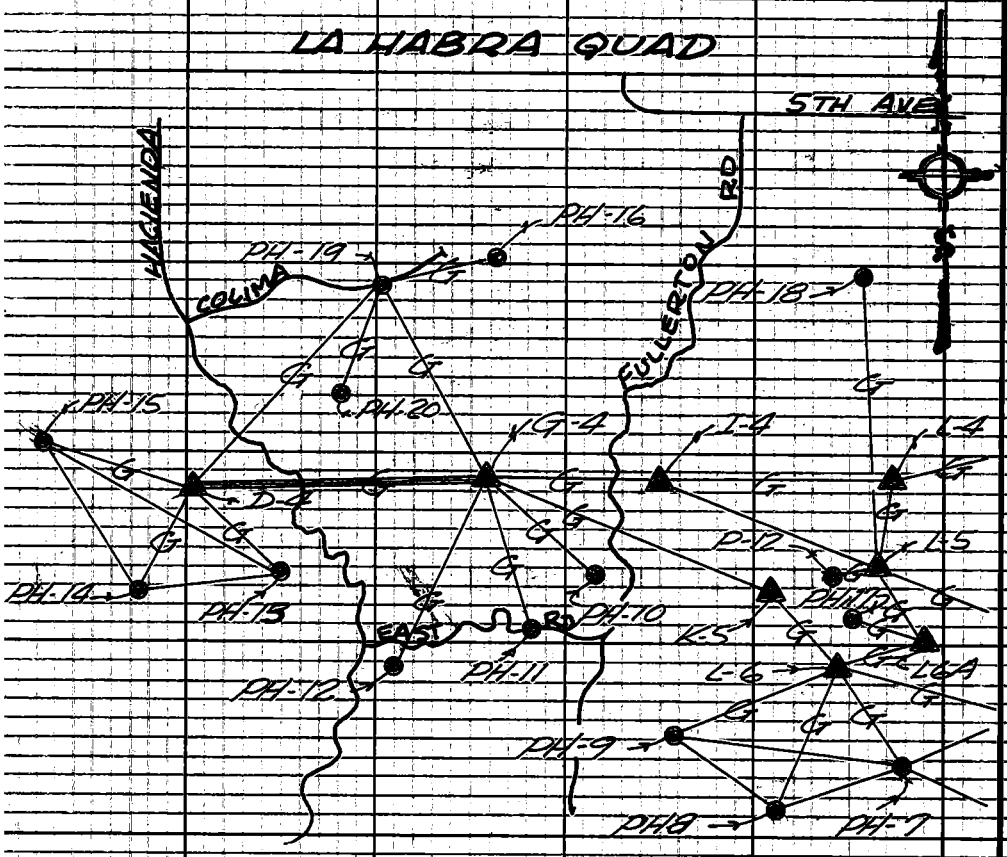
76F309S CE#310 1-65

F.B. 2984 Pg 152

LA HABRA QUAD



G Denotes Geodimetered lines.
see FB 3608-7,9 for index to distances.

			PG		PG
D-4	FB 696-197	PH-1	195	PH-18	217
G-4	FB 696-127	PH-8	197	PH-19	219
I-4	PG 155-FB 2352-9	PH-9	199	PH-20	221
K-5	FB 696-200	PH-10	201	P-12	225
L-4	PG 157	PH-11	203		
L-5	PG 159	PH-12	205		
L-6	PG 161	PH-13	207		
L-6A	PG ~~163~~	PH-14	209		
		PH-15	211		
		PH-16	213		
		PH-17	215		

LOS ANGELES COUNTY ENGINEER
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Notes Ckd by
Map No.
Office Work
Checked
Date

Survey of P.H.-PHOTO
J.N. 0321.00 Tape Std. °F
Surveyed by R.C.-WILSON
Notes RCW Date 1-66
Indexed C. J. GALLY

F.B. 2981 Pg. 153

Sketch on Field Book Card

Indicate on Sketch: Line of Sight, Point of Intersection, Point of Tangency, Point of Curvature, Point of Reverse Curvature, Point of Compound Curvature, Point of Beginning, Point of Ending, Point of Commencement, Point of Termination, Point of Origin, Point of Destination, Point of Interest, Point of Reference, Point of Control, Point of Survey, Point of Monument, Point of Boundary, Point of Corner, Point of Angle, Point of Deflection, Point of Curvature, Point of Tangency, Point of Reverse Curvature, Point of Compound Curvature, Point of Beginning, Point of Ending, Point of Commencement, Point of Termination, Point of Origin, Point of Destination, Point of Interest, Point of Reference, Point of Control, Point of Survey, Point of Monument, Point of Boundary, Point of Corner, Point of Angle, Point of Deflection.

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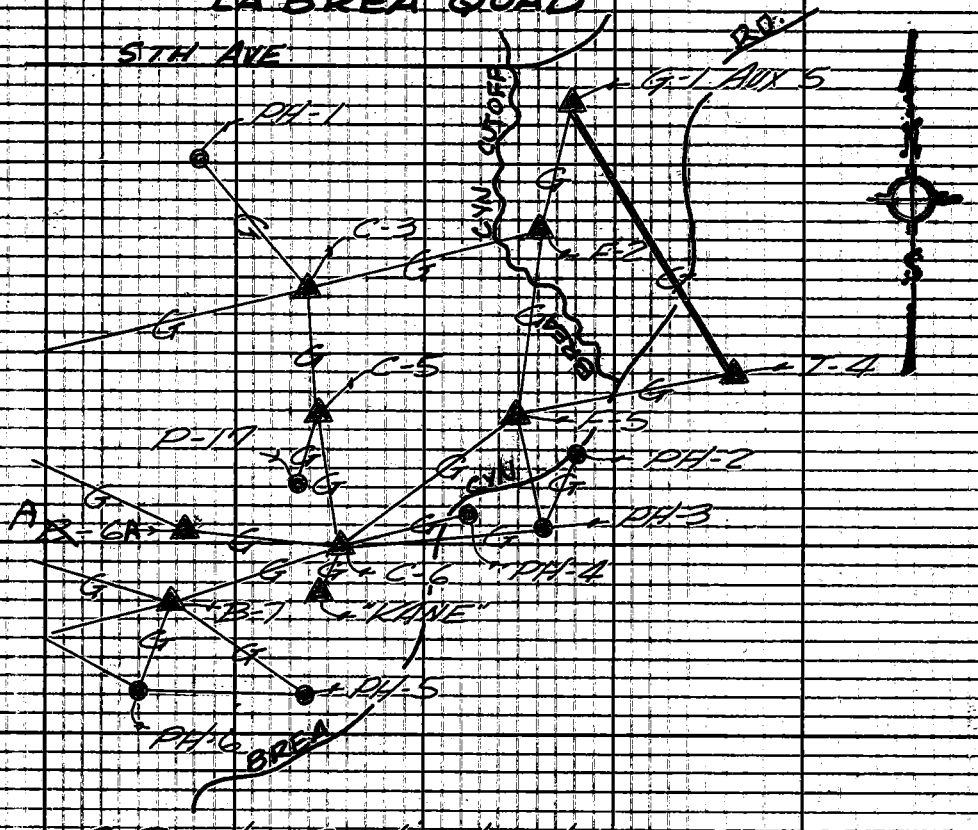
LA BREA QUAD



G Denotes Geodimatered Lines See F.B. 3608-79 for index to distances.

A-GAMM. BL.	PG. 165	PH-1	PG 183
B-1	PG. 167	PH-2	185
C-3	PG 169	PH-3	187
C-5	PG 171	PH-4	189
C-6	PG 173	PH-5	191
E-2	PG 175	PH-6	193
E-5	PG 177	"D"-17	223
G1 AUX 5	PG 179		
T-4	PG 181		

26F309S C&#310 1-65

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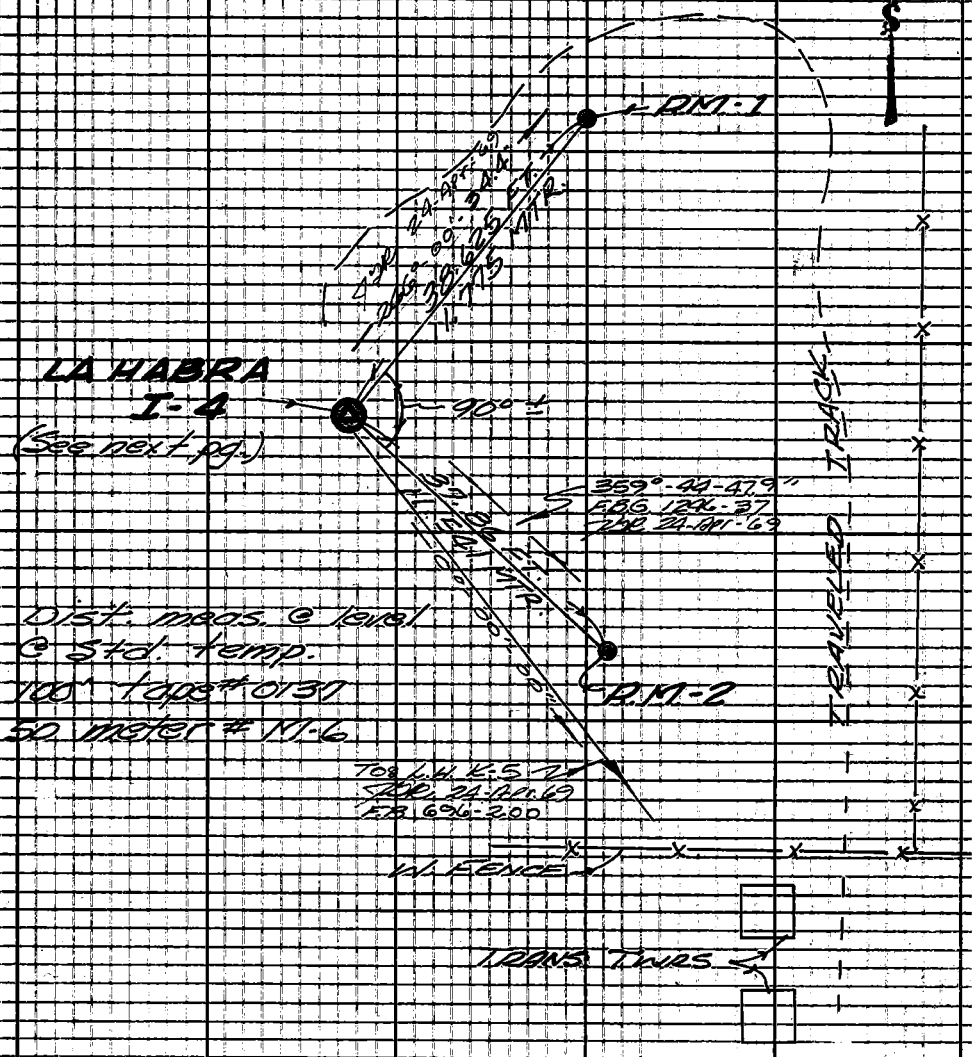
F.B. 2994 Pg 154

Notes Ck'd by	Survey of P.H. PHOTO	F.B. 2984 Pg. 155
Map No.	JN 0301.00 Tape Std. °F	
Office Work	Surveyed by RGWILSON	
Checked	Notes RCW Date 1-10-66	
Date	Indexed C. J. GALLI	

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA HABRA I-4
(Shell Oil Co. Tri. Sta. Lindy)

NOTE: SEE FB 2352-99 FOR CONNECTION TO FULLERTON RD PHOTO CONTROL SURVEY.



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F.B. 2984 Pg. 156

LA HABRA I-4

(Shell Oil Co. Sta. "Lindy")

THIS TRAVERSE STATION IS LOCATED in the Puente Hills area of L.A. County on the RINCON DE LA BREA RANCHO, and 4200'± n'ly from the intersection of EAST RD & FULLERTON RD.

TO REACH THIS STATION from the intersection of SKYLINE DR. & FULLERTON RD: Travel 200'± n'ely on Fullerton Rd. to a locked (L-key) gate on the left; pass thru & commence mileage. @ 0.3 mile, a road to the right; follow straight; @ 0.5 mile, a rd. to the right; follow straight; @ 0.7 mile, a rd. on the right; turn right and follow up grade; @ 1.1 mile, reach trans. twrs; pass under n'ly twr and thru wire gate; @ 1.3 mile, reach end of trav. tracks; turn 1 ft and travel 400'± to highest point and station.

STATION MARK: A 3" I.P. with brass cap stamped: "SHELL CO. OF CALIFORNIA L.G.R. TRI. STA. LINDY ELEV. 1927" set in conc. & projecting 4" above ground.

* R.M. - 1: A 4" L.A. CO. SURVEY CONTROL REF. MARK set in top of 6" Conc. post stamped: "RM 1 - 1966 ~~RE 5869~~" proj. 4" above ground.

* R.M. 2: Same as 1 stamped: "RM 2 1966 ~~RE 5869~~"

* THE FOLLOWING STAMPING WAS ADDED 5-14-69 "LA HABRA I-4 RE 5869" W.D.B.

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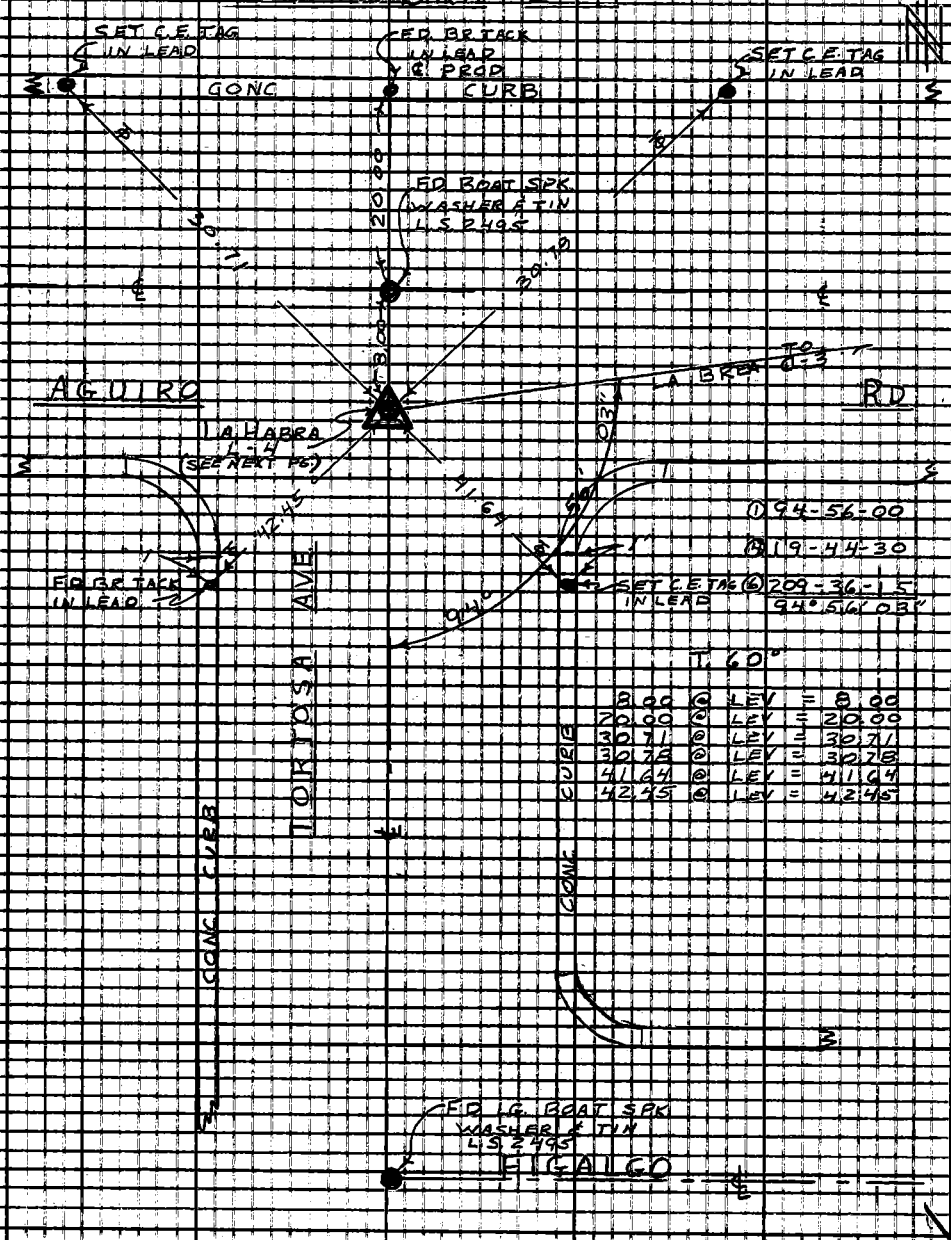
Notes Ck'd by	Survey of NOGALES ST.	F.B. 2984 PG. 157
Map No.	JN 007503 Tape 0137 Std 68 °F	
Office Work	Surveyed by FULTON	
Checked	Notes J.F. Date 12-28-65	
Date	Indexed C. J. GALLI	

L.A. Co. SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA HABRA L-4



① 94-56-00
④ 19-44-30
⑥ 209-36-15
94° 56' 03"

T. 60°

8.00	@	LEV	=	8.00
20.00	@	LEV	=	20.00
30.71	@	LEV	=	30.71
30.78	@	LEV	=	30.78
41.64	@	LEV	=	41.64
42.45	@	LEV	=	42.45

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Sketch on Sen. Desc. Card

W.S. 38, D.S.

76F3095 CE #310 6-63

F.B. 2984 PG. 158 LA HABRA 1-4

THIS STATION IS IN L.A. COUNTY, IN THE PUENTE HILLS AREA, AT THE INTERSECTION OF AGUIRO RD. AND TORTOSA AVE., 9700' ± NORTH OF THE CO. LINE AND 2600' EAST OF FULLERTON RD.

ROUTE: FROM THE INTERSECTION OF FULLERTON RD. & AGUIRO RD. DRIVE EAST ON AGUIRO RD. 0.6 MILE TO THE INTERSECTION OF TORTOSA AVE. THE STATION IS 8' SOUTH OF THE INTERSECTION.

STATION MARK: SET A LARGE BOAT SPIKE, WASHER & TIN, FLUSH WITH PVMT ON THE ℄ OF TORTOSA AVE, PER FD. ¢ PTS.

R.M.S: Set 4 C.F. tags (tangent) in conc. curbs as indicated.

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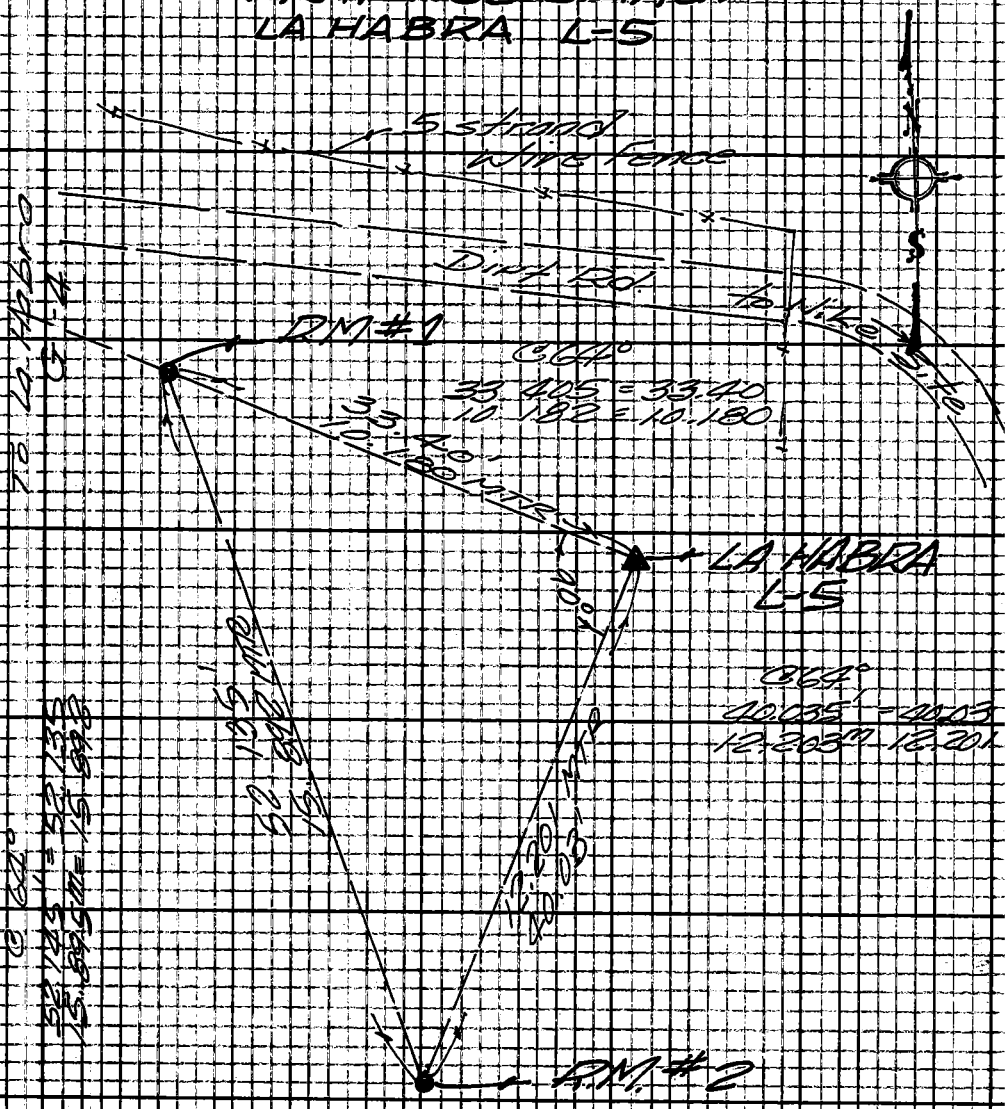
Notes Ck'd by	Survey of Geodetic Control	F. B. 2984 Pg. 159
Map No.	Jt. 0301.00 Tape Std. °F	
Office Work	Surveyed by R.C. Wilson	
Checked	Notes RCW Date 1-10-66	
Date	Indexed C. J. GALLI	

LA COUNTY SURVEY CONTROL SYS.
TRAVERSE STATION
LA HABRA L-5



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

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76F309S (C.E. #310 6-62)

F.B. 2984 PG 160

LA HABRA L-5

THIS STATION IS LOCATED in L.A. Co. in the Puente Hills Area on the Rincon De La Brea Rancho, 7700'± east of the intersection of East Rd. and Fullerton Rd.; 3900'± South of Azusa Rd. and 3200'± N.W. from Army Nike Site, on a small knoll.

TO REACH THIS STATION from the intersection of Fullerton Rd. and East Rd. follow pri. paved rd. 1½ S.E. mile to its end at locked gate; pass thru gate and follow traveled track ½ mile with rd. on left (historical mon. 400'± S.E. at this point) turn left and follow traveled track's 0.6 mile to small knoll and station on the right.

STATION MARK: A 4" brass SURVEY CONTROL SYSTEM traverse mark set in 12"x12" conc. pad stamped: "LA HABRA L-5 1966 L.A. CO. ENGR. R.E. 5869"

R.M.-1: A 4" brass SURVEY CONTROL SYSTEM reference mark set in 6" conc. Post on line to LA HABRA G-4 stamped: "LA HABRA L-5 R.M.-1 1966 CO. ENGR. RE 5869"

R.M.-2 Same as 1 except C 90° to S.W. from LA HABRA G-4 and stamped: "R.M.-2".

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403 Los Angeles County Engineering Bldg.

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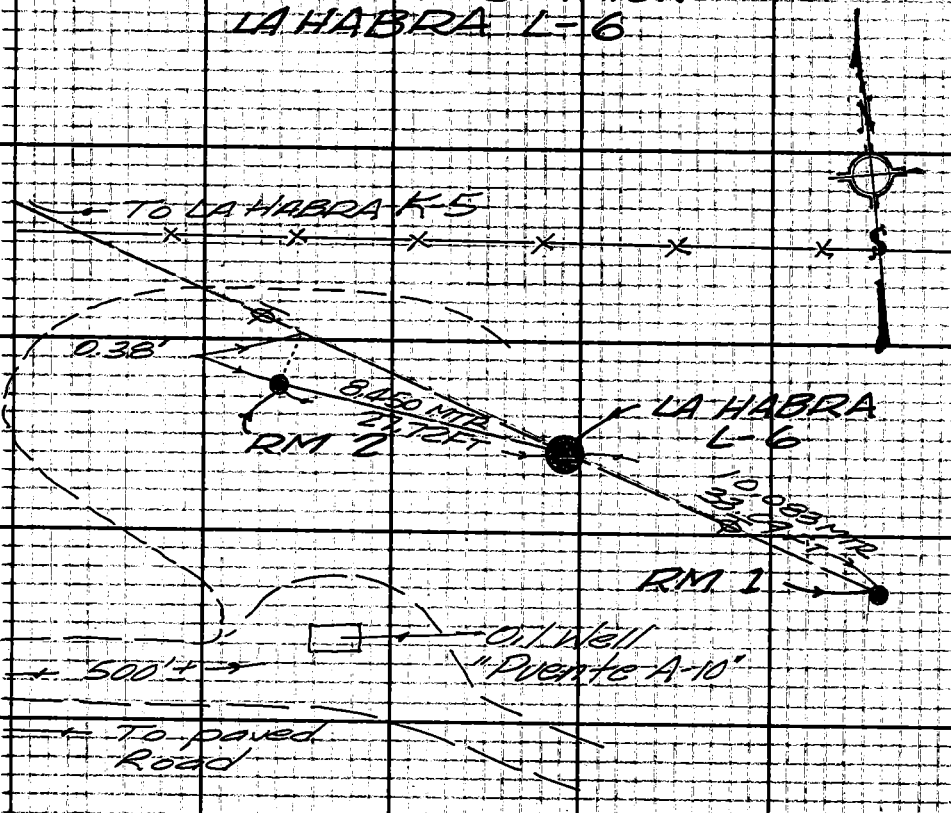
Notes Ck'd by	Survey of Geodetic Control F. B. 2784 Pg. 161
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes R.C.W. Date 1-6-66
Date	Indexed R. J. GALLI

LA COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA HABRA L-6



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

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76F309S ICE #310 6-62

F. B. 2984 PG. 162

LA HABRA L-6

THIS TRAVERSE STATION IS LOCATED in the Puente Hills area of L.A. County on the Rincon De La Brea Rancho in the Shell Oil Co. fields.

TO REACH THIS STATION from the intersection of Central Ave & Site Dr. travel north on Site Dr. 1.0 mile to the entrance to the oil fields. Follow the main paved road (painted ℄) east to sharp curve west (follows base of ridge) thence travel west hly 2.6 miles from ent. to high point in road. A road (oiled) heads straight ahead @ curve in paved rd. Follow dirt rd. 500'± to oil well Puente A-10, swing left and travel around well and up ridge following fence line 600'± to high point and station.

STATION MARK: A 4" brass SURVEY CONTROL SYSTEM traverse mark set in rock projecting 6" stamped "LA HABRA L-6 1966 LA CO. ENGR. RE 5869"

RM-1: A 4" brass reference mark stamped "LA HABRA L-6 RM-1 1966 LA CO. ENGR. RE 5869" set in 6" conc. post projecting 3" on prod. from ~~LH~~ LH K-5.

RM-2: A 4" brass disc stamped "SHELL CO. OF CALIFORNIA TRI. STA. PUENTE LGR 1927" set on top of a 3" I.P. projecting 5".

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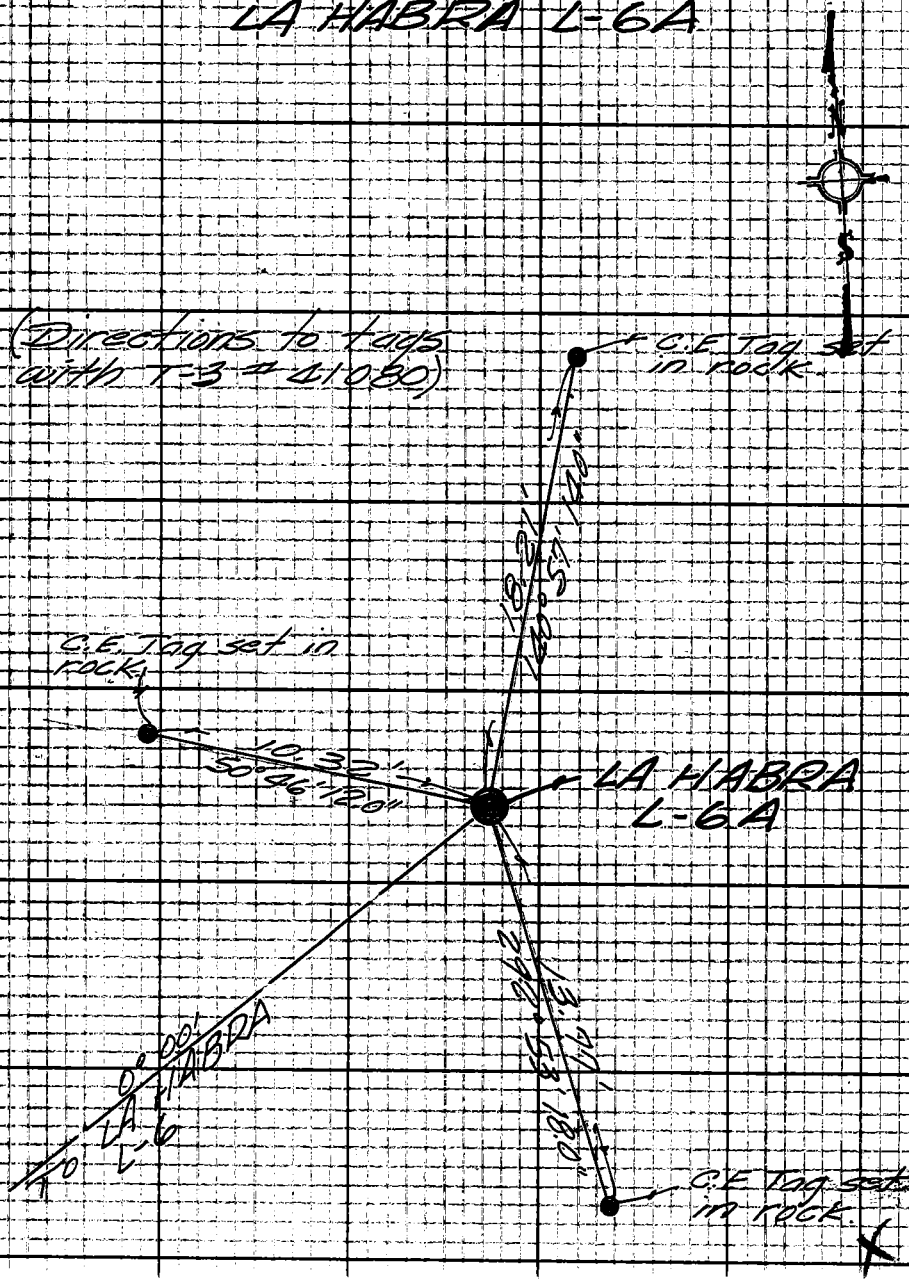
Notes Ck'd by	Survey of Geodetic Cont.
Map No.	JN 030100 Tape Std. °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes RCW Date 1-10-66
Date	Indexed G. A. GALLI

F. B. 2984 PG. 163

LA COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA HABRA L-6A



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

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76F3095 CIE #3 10 6-62

F.B. 2984 PG. 164

LA HABRA L-6A
(TRAVERSE)

THIS STATION IS LOCATED in L.A. County in the Puente Hills on the Rincon De La Brea Rancho; 3400'± N. of the Orange Co. line; 7800'± E. of Fullerton Rd; 1800'± W. of Army Nike Site on a ridge bearing N. Wly.

TO REACH THIS STATION from the intersection of Central Ave and Site Drive travel N. on Site Dr. 1.0± mile to the entrance to the Shell Oil Fields; thence follow main rd (painted E) to east, then wly, thence Wly 3.5 mile± to saddle (rd continues up grade) turn rt and follow ridge 500'± up grade to station.

STATION MARK: 4" brass SURVEY CONTROL SYSTEM traverse mark set in 2'x5' rock projecting 10" stamped "LA HABRA L-6A 1965 L.A. CO. ENGR. RE 5869"

REFMARKS: Set three County Engineer tags in lead in rocks as shown.

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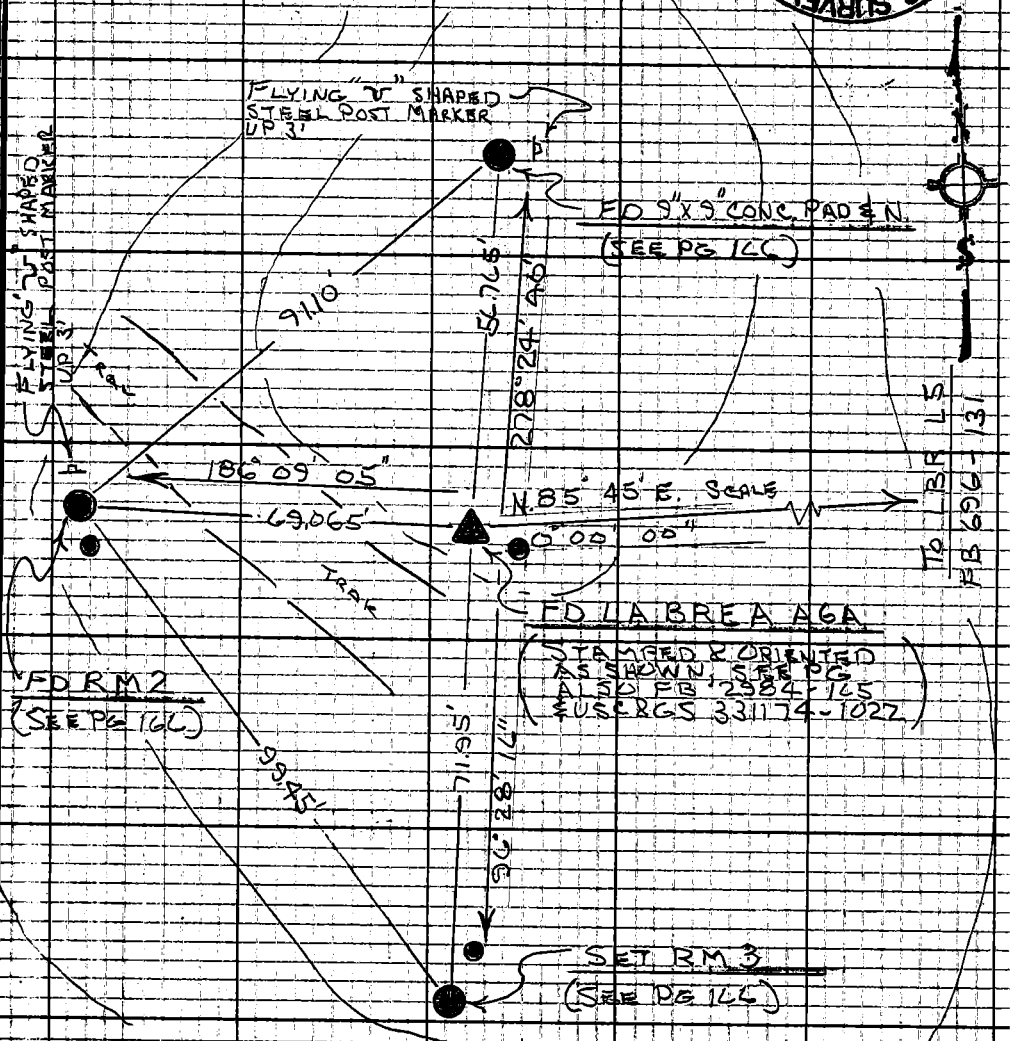
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes C. A. PYLE Date 9/22/72
Date	Indexed G. D. BAILEY OCT 18 72

F. B. 2984 PG. 165

U.S. COAST & GEODETIC SURVEY TRIANGULATION STATION
FOR INFORMATION WRITE TO THE DIRECTOR, WASHINGTON, D.C.
$250 FINE OR IMPRISONMENT FOR DISTURBING THIS MARK
BREA
1938

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

LA BREA A6A
U.S.C.&G.S. BREA



● — 2" MARKER PIPE SET 2' OFF

DIRECTIONS: FB G 1370-45

MEASUREMENTS: SEE NEXT PG.

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76F3095 CE#31 0 3-69

F.B. 2984 PG. 166

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LA BREA AGA

50 MTR. ML MEASUREMENTS 300' TAPE 22°
LEVEL @ T 82°

21.930 M = 21.930 M = 71.95'	71.95' = 71.95'
17.302 M = 17.302 M = 56.765'	56.765' = 56.765'
21.050 M = 21.050 M = 69.06'	69.065 = 69.065
27.767 M = 27.767 M = 91.10'	91.10' = 91.10'
30.313 M = 30.313 = 99.45'	99.445' = 99.445'

AREA: THIS TRIANGULATION STA IS IN THE PUENTE HILLS AREA OF L.A.CO., IN THE VICINITY OF "ROWLAND HGTS." IT IS 3350' ± N & 1150' W OF THE INTER. OF THE RINCON DE LA BREA RANCHO BDRY AND THE L.A. / ORANGE CO. LINE. SEE USGS 15' SHEET "LA HARRA, CALIF." QUAD. 1964

ROUTE: FROM ITS INTER. WITH BREA BLVD. TRAVEL W ON CENTRAL AVE. 0.50 MILE TO SITE DR. TURN RT. (NLY) AND PROCEED 1.0 MILE TO AN OIL FIELD GATE (LOCK) THENCE 0.10 MILE TO A 5 WAY INTER. MAKE A HARD LEFT TURN (WLY) ONTO A LEVEL RD. AND PROCEED 0.60 MILE TO A CATTLEGUARD. CONTINUE ON, ROAD BEGINS TO ASCEND AND CURVE NLY., 1.6 MILES CROSS 2ND CATTLE GUARD THENCE 1.2 MILES TO ENTRANCE TO NIKE SITE. TURN RT. (SLY) AND SKIRT THE OUTSIDE OF THE FENCE 0.10 MILE TO A CABLE GATE (IF CLOSED INQUIRE AT NIKE SITE FOR ACCESS) THENCE 0.10 MILE TO A FORK. TURN RT. (ELY) AND ASCEND A RIDGE 0.10 MILE TO SUMMIT AND STATION SITE.

STATION MARK: A 4" USC&GS TRIANGULATION STA. BRASS DISC STAMPED "BREA 1938" SET IN AN UN EVEN CONC. BLOCK APPROX. 9" IN DIA. THIS APPEARS TO BE THE SUB-SURFACE MARK. SET A 4" METAL SLEEVE & CAST IRON COVER FLUSH WITH GRD. (THIS MARK IS THE SUB-SURFACE MARK). REW

REFERENCE MARKS

RM 2: A 4" USC&GS BRASS REFERENCE MARK DISC STAMPED "BREA NO 2 1938" SET IN A 9"x9" CONC. PAD FLUSH W/ TA GRD.

RM 3: A 4" L.A.CO SUR. CONT. SY BRASS REFERENCE MARK DISC STAMPED "LA BREA AGA RM 4 1972 RE 1018" SET IN AN 8" CONC. POST 3" ABOVE GRD.

OTHER MARK: A 9"x9" CONC. PAD WITH THE TOP BROKEN OFF AND A BRASS NAIL PROTRUDING ½" UP FROM THE MIDDLE. PAD IS 2" ABOVE GRD.

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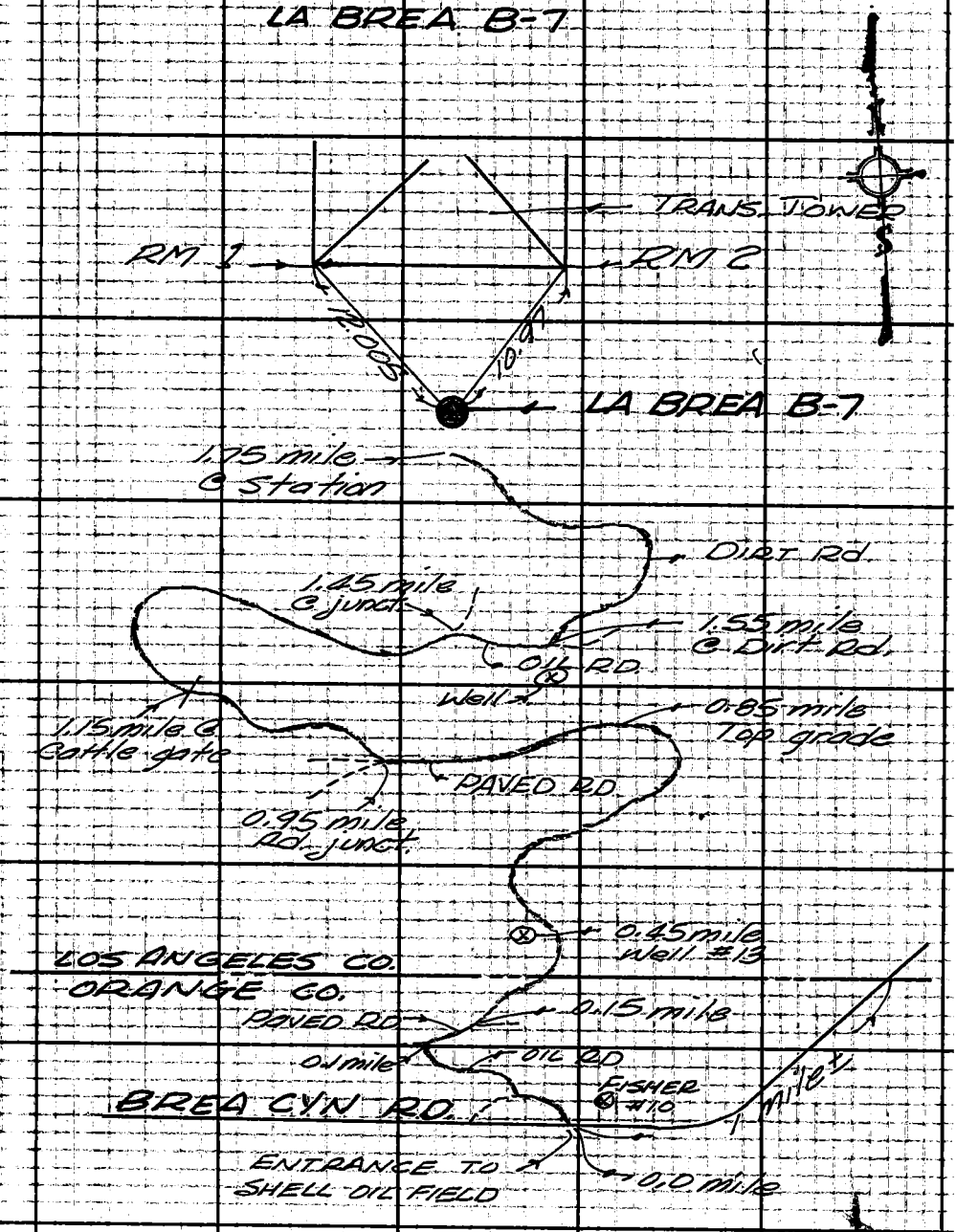
Survey of Geod. Control
JN 0301.00 Tape Std °F
Surveyed by R.C. Wilson
Notes RCW Date 1-13-66
Indexed C. J. GALLI

F. B. 2984 PG. 167

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA BREA B-7



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76F3095 C.E. #310 6-62

F. B. 2984 PG. 168

LA BREA B-7

THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY in the PUENTE HILLS area on the RANCHO LA BREA, 1200'± north of the Co. line; 3200'± S 45°± E from the Army NIKE site; and on the south side of a HI-LINE power transmission tower.

TO REACH THIS STATION FROM THE COUNTY LINE AND BREA CYN RD: travel S.W., thence west on Brea Cyn 1 mile ± to the entrance to Shell Oil Fields. Commence mileage here. @ 0.1 mile, rd. junct; turn r.t. (east): @ 0.15 mile, rd. junct; bear l.f.t. (only): @ 0.45 mile, pass well #13; @ 0.85 mile, reach top of grade; @ 0.95 mile, three point junct; bear r.t. up grade (N. Wly); @ 1.15 mile, cross cattle guard; @ 1.45 mile, rd. junct, follow straight (ely); @ 1.55 mile, turn l.f.t. on dirt rd up grade (N. ely); @ 1.75 mile, reach transmission twr and station.

STATION MARK: A 2" SURVEY CONTROL SYSTEM brass traverse mark set in 6" Conc. Post up 6" stamped "LA BREA B-7 1966 RE 5869" with 18" conc. mound @ ground level around mark.

REFERENCE MARKS: Set punch mark in S.W. tower leg and stamped leg "R.M. 1"
Set punch mark in S.E. tower leg and stamped leg "R.M. 2".
PUNCH MARKS ARE 1.3' ABOVE GROUND

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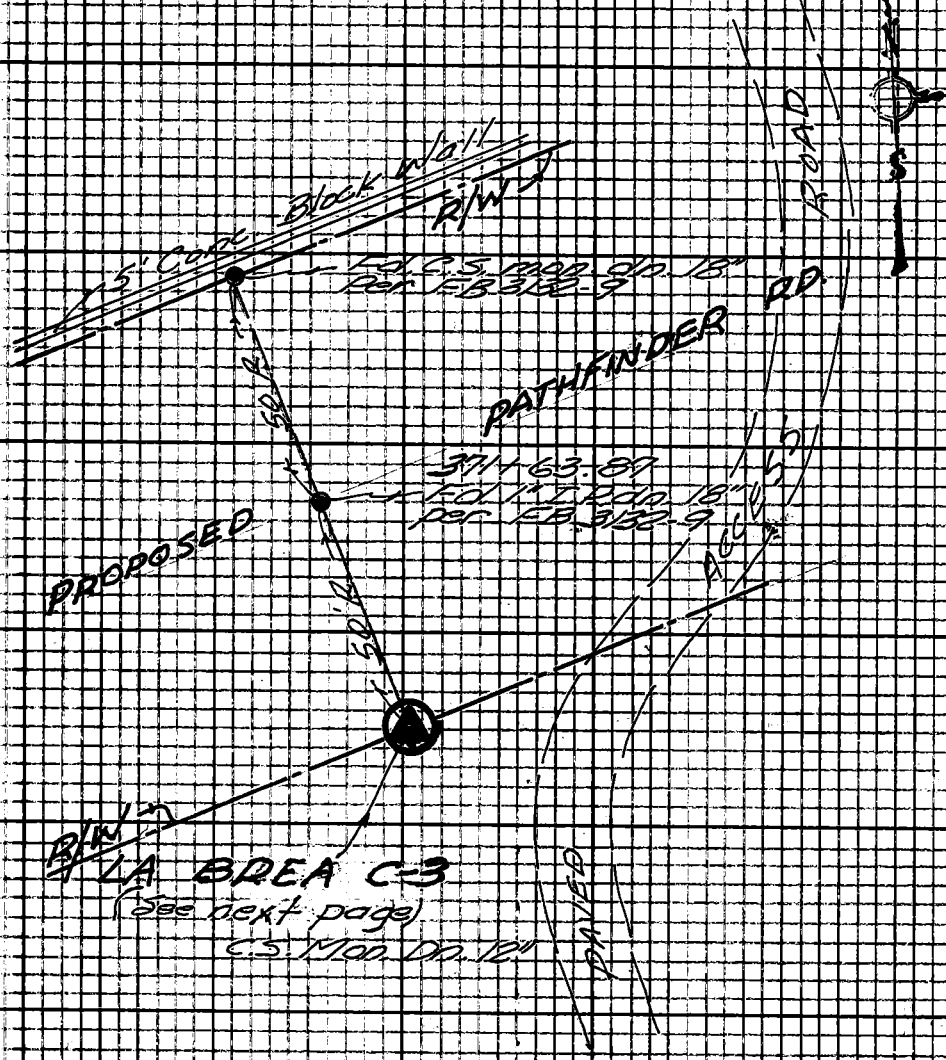
Notes Ck'd by	Survey of NOGALES ST
Map No.	JN 0075.03 Tape Std °F
Office Work	Surveyed by R. WILSON
Checked	Notes RCW Date 12-9-65
Date	Indexed C. J. GALLI

F. B. 2984 PG. 169

L.A. CO. SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA BREA C-3



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Place S.C.S. Quad. Sht.
Place Sur. Div. W.S. No.
Sketch on Bap. Desc. Card

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76F309S CE #310 6-62

F.B. 2984 PG. 170

LA BREA C-3

THIS STATION IS LOCATED in L.A. County in the Puente Hills area 2 miles± north of the county line and 2¼ miles± west of Brea Cyn. Cutoff Rd. on the S'ly R/W line of proposed Pathfinder Road ℄ ℄ plus at 371+63.87 per FB 3132 page 9.

ROUTE: From the intersection of 5TH Avenue and Otterbine travel S'ly on Otterbine ½ mile to Aguiro St.; thence l.f.t. to Alexdale Lane; thence r.f.t. to end of improved street; thence follow paved access rd. up grade 500'± to the station on the right.

STATION MARK: Ed C.S. mon. dp. 18" per FB 3132-9 stamped "RP-R.O.T. RE. 63" with arrow pointing N'ly. This point also Bench Mark "B" per FB 3132-57

ELEV. 659.452'

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Map No	JN0301.00 Tape 144 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 12-22-65
Date	Indexed C. J. GALLI

F.B. 2984 PG. 171

L.A. Co. SURVEY CONTROL SYSTEM

TRAVERSE STATION

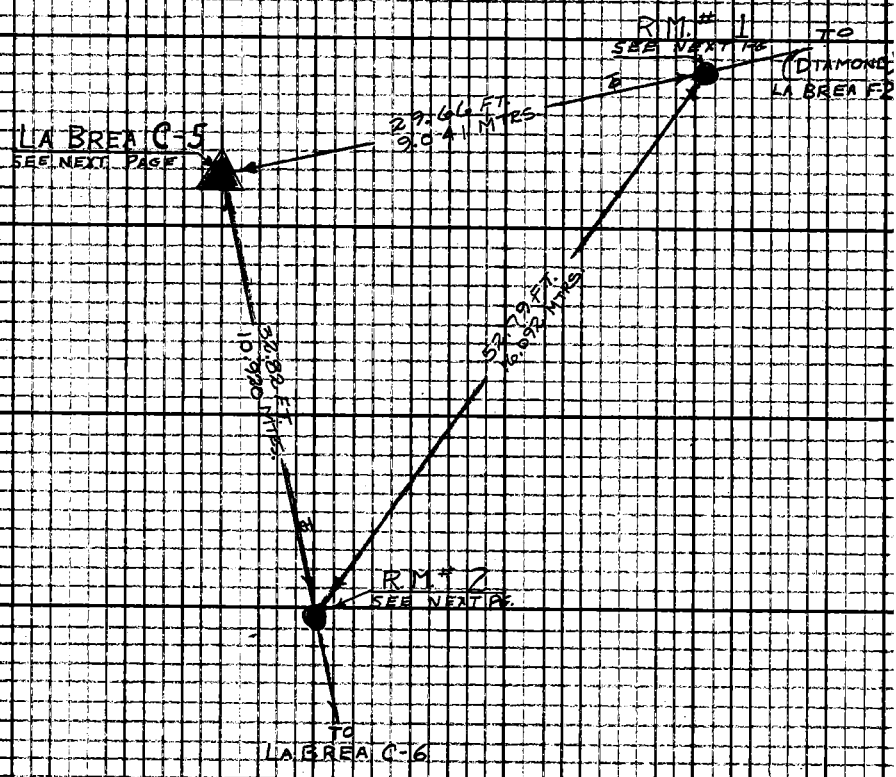
LA BREA C-5

T = 56°

29.67 @ LEV = 29.66 9.041 METERS = 29.66

32.83 @ LEV = 32.82 10.920 METERS = 32.83

52.80 @ LEV = 52.79 16.092 METERS = 52.80



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

F. B. 2984 PG. 172

LA BREA C-5

THIS STATION IS IN L.A. COUNTY, IN RINCON DE LA BREA, ABOUT 1½ MILES NORTH OF THE L.A. CO-ORANGE CO. LINE.

TO REACH THIS STATION FROM BREA CYN RD & BREA CYN RD. CUTOFF DRIVE SOUTH ON BREA CYN. RD. 1.2 MILES TO A GATE ON THE RIGHT (WEST) (L-LOCK), DRIVE THRU AND TURN LEFT (SOUTH) ON DIRT ROAD PARALLEL TO BARB WIRE FENCE, 300' ± ROAD BEARS RIGHT AND UP GRADE 1.0 MILE TO SADDLE AND "T" JUNCTION, TURN RIGHT (N'LY.) AND FOLLOW ROAD DOWN W'LY SIDE OF HILL 0.5 MILE TO JUNCTION, TURN RIGHT (N'LY), AT 0.1 MILE PASS BY A WINDMILL, CONTINUE N'LY UP GRADE 0.3 MILE TO TRACKS ON LEFT, FOLLOW TRACKS UP SIDE HILL TO SUMMIT (400'±) AND STATION.

STATION MARK: SET A 4" BR. TRAVERSE DISC IN 10" x 10" CONC. PAD UP 6" STAMPED "LA BREA C-5, 1965, L.A.CO.ENGR. R.E. 5869"

R.M.#1 SET A 4" BR. DISC IN 10"x10" CONC. PAD STAMPED "R.M.1, 1965, L.A.CO.ENGR. R.E. 5869"

R.M.#2 SET A 4" BR. DISC IN 10"x10" CONC. PAD STAMPED "R.M. 2, 1965, L.A.CO.ENGR. R.E. 5869"

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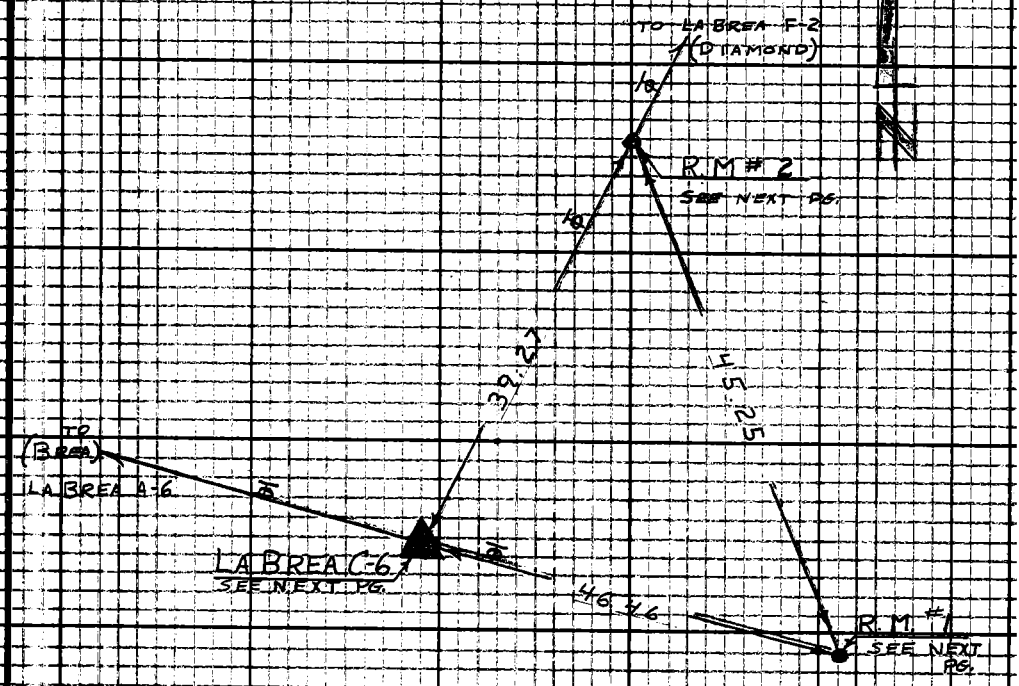
Map No.	JN 030100 Tape 144 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J. F. Date 12-21-65
Date	Indexed C. J. GALLI

F.B. 2984 PG. 173

L.A. CO SURVEY CONTROL SYSTEM
TRAVERSE STATION
LA BREA C-6



T=60°

R.M. 1 FT. 46.47 @ LEV = 46.46
MTR 14.165 @ LEV = 46.46

R.M. 2 FT. 39.28 @ LEV = 39.27
MTR 11.969 @ LEV = 39.27

FT. 45.26 @ LEV. 45.25
MTR 13.796 @ LEV. 45.25

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76F3095 CE #310 6-62

F.B. 2984 PG 174

LA BREA C-6

THIS STATION IS IN L.A. COUNTY, IN RINCON DE LA BREA APPROX 1/2 MILE NORTH OF THE L.A. CO.-ORANGE CO. LINE.

TO REACH THIS STATION FROM THE INTERSECTION OF BREA CYN. RD. & BREA CYN. RD. CUTOFF, DRIVE SOUTH ON BREA CYN. RD. 1.2 MILE TO A GATE ON RIGHT (WEST), (L-LOCK). PROCEED THRU GATE AND TURN LEFT (SOUTH) ON DIRT ROAD PARALLEL TO BARB WIRE FENCE 300'±, THEN ROAD BEARS RIGHT AND UP GRADE 1.0 MILE TO "T" AT SADDLE, TURN LEFT (SOUTH) AND UP GRADE 600'± TO TOP OF KNOLL. TURN OFF TRAVELED TRACK TO LEFT, STATION IS 50' OFF ROAD.

STATION MARK: SET A 4" BR. TRAVERSE DISC IN CONC WITH 10" x 10" CONC. PAD UP 6" STAMPED "LA BREA C-6, 1965, L.A.CO. ENGR. R.E. 5869"

R.M.# 1: SET A 4" BR DISC IN 10"x10" CONC. PAD UP 6" STAMPED "LBR C-6 R.M.1 1965, L.A.CO. ENGR. R.E. 5869" ON LINE PROD. FROM A STA. "BREA"

R.M.# 2 SET A 4" BR. DISC IN 10"x 10" CONC. PAD UP 6" STAMPED "LBR C-6, R.M.2 1965 L.A. CO. ENGR. R.E. 5869" ON LINE TO LA BREA F-2

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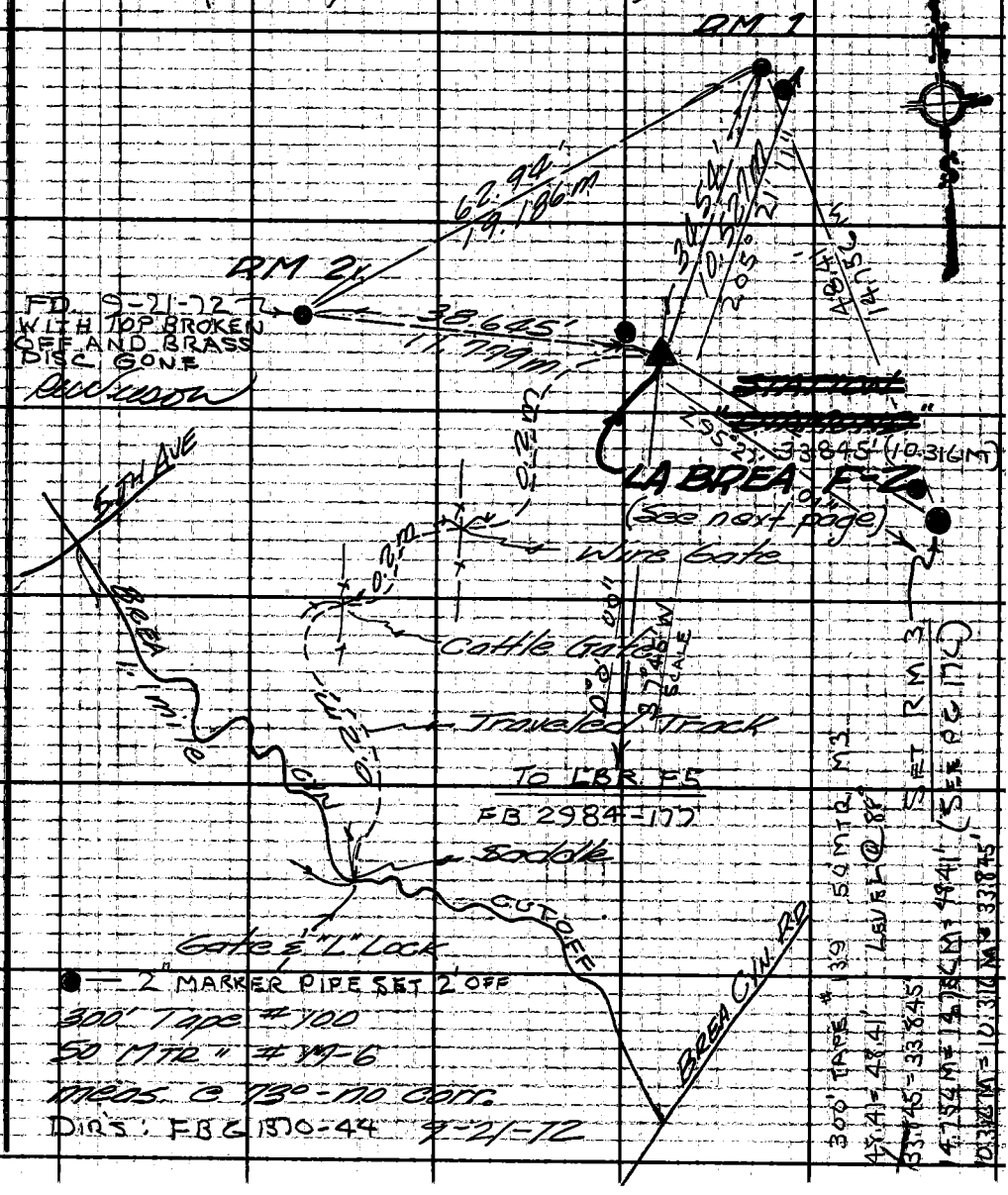
Map No.	JN 0301.00 Tape Std °F	
Office Work	Surveyed by RCW/SOD	
Checked	Notes RCW Date 12-8-65	
Date	Indexed C. J. GALLI	

LA COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
~~"DIAMOND"~~
LA BREA F-2
(U.S.C. & G.S. "DIAMOND")



● — 2" MARKER PIPE SET 2' OFF

300' Tape #100

50 MTR " #M-6

meas. @ 73°-no corr.

DIR'S: FBG 1370-44 9-21-72

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76F309S CE #310 6-62

F.B. 2984 Pg. 176

LA BREA F-2

THIS STATION IS LOCATED in L.A. Co. 1000'± S. Ely from the west 1/4 corner of sect. 20 R10W-T2S on the Diamond Bar Ranch.

TO REACH THIS STATION: From the intersection of 5TH Ave and Brea Cyn Cutoff Rd: proceed sly on Brea Cyn Cutoff 1.1 mile ± to the highest point (a saddle): thence left thru a wood gate (L-Key) and follow traveled track 0.2 mile to a cattle gate: pass thru and proceed 0.2 mile to a cross fence and wire gate: pass thru and continue upgrade 0.2 mile to the highest point and the station.

STATION MARK: Fd. a 4" U.S.C.&G.S. Triangulation disc set in 10"X10" conc. pad stamped "DIAMOND 1938".

RM 1: Fd. a 4" U.S.C.&G.S. ref mark set in 10"X10" conc. pad stamped "RM No 1 1938 DIAMOND".

RM 2: Same as 1 except stamped "No 2". FD. 9-21-72 WITH TOP BROKEN OFF AND BRASS DISC GONE.

R.M. 3: A 4" LA CO. SUR. CONT. SY. BRASS REFERENCE MARK DISC STAMPED "LA BREA F2 RM3 1972 RE 7078". SET IN A 8" CONC. POST WHICH IS 1" ABOVE GRD.

Duchesne

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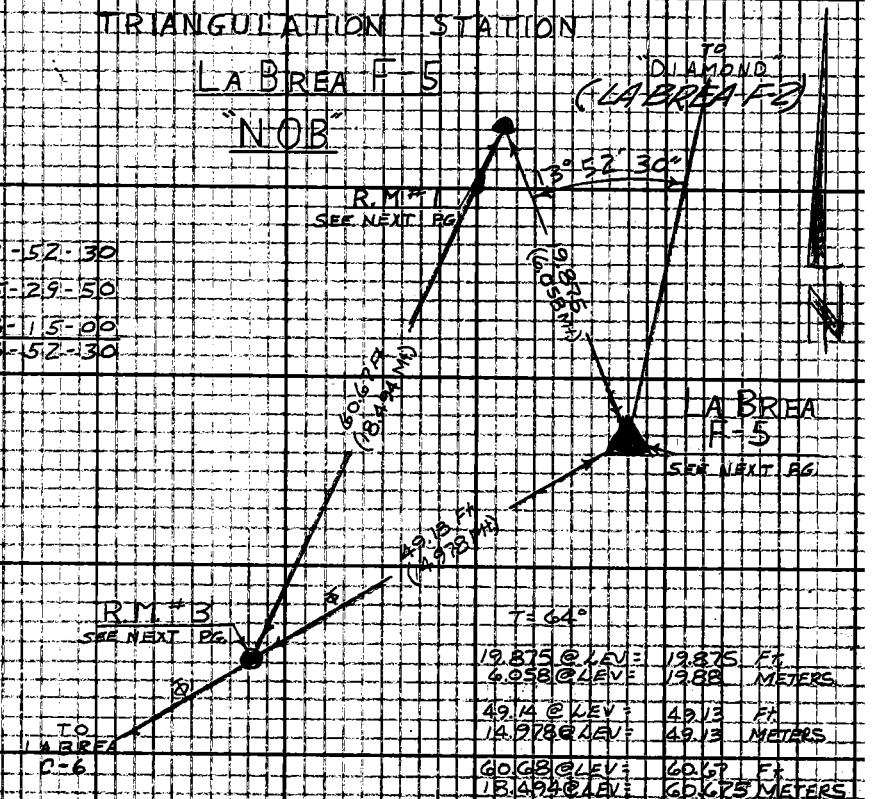
Map No.	JN 030100 Tape 144 Std. 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J. F. Date 12-23-65
Date	Indexed C. J. GALLI

A.Co SURVEY CONTROL SYSTEM

TRIANGULATION STATION

LA BREA F-5

"NOB"



1) 13-52-30
4) 55-29-50
6) 83-15-00
13-52-30

T = 64°

19.875 @ LEV =	19.875	Ft.
6.058 @ LEV =	19.88	METERS
49.14 @ LEV =	49.13	Ft.
14.978 @ LEV =	49.13	METERS
60.68 @ LEV =	60.67	Ft.
18.494 @ LEV =	60.675	METERS

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76 F 309 S C.E. #3 10 16-62

F. B. 2984 PG 178 LA BREA F-5 "NOB"

THIS STATION IS IN L.A. COUNTY, IN RINCON DE LA BREA, R.10W., T.2S., ON THE EAST END OF A PROMINENT RIDGE.

TO REACH THIS STATION FROM BREA CYN. RD. & BREA CYN. CUTOFF DRIVE N-W'LY. ON BREA CYN. CUTOFF MILES TO A GATE ON THE LEFT (S'LY), UNLOCK, DRIVE THRU GATE AND UP DIRT ROAD 0.4 MILE TO SADDLE, TURN LEFT (S'LY) ALONG RIDGE 0.2 MILE TO SMALL SADDLE AND INTERSECTION OF TRAVELED TRACKS, CONTINUE STRAIGHT AND FOLLOW ROAD AROUND EAST SIDE OF HILL, CONTINUE ALONG ROAD 0.7 MILE TO STATION ON A PROMINENT KNOB.

STATION MARK: FD A ½" I.P. WITH CAP RECORD ANGLE AND DIST FROM R.M.1 TRIANGULATION REPLACED WITH A 4" BR. DISC IN 10"x10" CONC. PAD STAMPED "LA BREA F-5 "NOB", REPLACED 1965, L.A. CO. ENGR. R.E. 5869"

R.M."1" FD 4" BR DISC IN 4" CAST IRON PIPE, UP 2", STAMPED "U.S. COAST & GEODETIC SURVEY NOB NO.1 1938" I SET A CONC. COLLAR AROUND THIS POINT.

R.M.#3 SET A 4" BR DISC IN 10"x10" CONC. PAD STAMPED "LA BREA F-5 R.M.3, 1965 L.A. CO. ENGR. R.E. 5869"

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Survey of: GEODETIC CONTROL
JN 30100 Tape M16 Sta 84 °F
Surveyed by: J.B. FULTON
Notes J.S.B. Date DEC. 65
Indexed C. I. GALLIHER 2-4-66

F.B. 2984 PG. 179

L.A. CO. SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LA BREA G1 AUX 5

1)	66-19-30	1)	73-15-00	1)	92-38-00
4)	245-17-30	4)	292-59-15	4)	10-35-30
AV	66-19-23	6)	29-28-30	6)	195-52-45
		AV	73-14-45	AV	92-38-17½

1) 5-50-30
4) 23-21-00
AV 5-50-15

STATION MARK
AUX 5
SEE NEXT PG

FD. CONC. MON
AUX 1
SEE NEXT PAGE

140.58 (M)

TO LA BREA
P.2

TO FD EVIDENCE OF AUX 3 NOT RESET

1) 43-49-00
4) 175-15-30
6) 262-53-30
AV 43-48-53

FD. ¾" I.P. FLUSH W/ DRILL HOLE ON EDGE OF CURB ON 12" PEPPER 696-1263
1) 150-18-00
4) 241-10-30
6) 181-45-45
AV 150-17-38

SEE NEXT PG

131.34' (M)

T=56°

203.13 @ LEV = 203.09 FT
6.914 MI. @ LEV = 203.09 @ T=84°

211.11 @ LEV = 211.07 FT
64.347 MI. @ LEV = 211.07 @ T=84°

131.36 @ LEV = 131.34 FT
40.038 MI. @ LEV = 131.34 @ T=84°

135.48 @ LEV = 135.46 FT
41.277 MI. @ LEV = 135.46 @ T=84°

140.60 @ LEV = 140.58 FT
42.862 MI. @ LEV = 140.59 @ T=84°

T=56°

328.83 @ LEV = 328.77 FT
98.710 MI. @ LEV = 328.76 @ T=84°

68.25 @ LEV = 68.24 FT
20.802 MI. @ LEV = 68.24 @ T=84°

235.28 @ LEV = 235.23 FT
86.954 MI. @ LEV = 235.24 @ T=84°

Mailed to Eng. Index Card
Plotted
Placed in Survey Book
Sketching Desk Card

Do not extend this side for planimeter

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

F.B. 2984 PG 180 LA BREA G1 AUX 5

THIS STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE S.W.¼ OF SECTION 17, T2S-R10W., ON TOP OF A LARGE GRADED FLAT, IN A GRADED, BUT UN-DEVELOPED SUBDIVISION, 1900'± W'LY FROM BREA CY'N. RD. & 2400'± SO'LY FROM 5TH AVENUE.

ROUTE:

FROM THE INTERSECTION OF 5TH AVENUE & OLD BREA CY'N. ROAD, TRAVEL S'LY ON OLD BREA CY'N. ROAD, 0.4 MI. TO BREA CY'N RD., THENCE RIGHT (S'LY), 0.2 MI. TO A GAS REDUCER (SOUTHERN COUNTIES), ENCLOSED BY FENCE, AND A GATE ON RIGHT (L-KEY), THENCE THROUGH GATE AND FOLLOW 40'± WIDE DIRT ROAD, UP-GRADE, AND THEN BACK DOWN 0.6 MI., TO A ROAD TO LEFT, PROCEED LEFT 0.1 MI. TO A "T" INTERSECTION, THENCE RIGHT 0.2 MI. TO A "+" INTERSECTION, THENCE LEFT 0.2 MI. TO A "Y" INTERSECTION, BEAR LEFT AND 0.2 MI. UP-GRADE TO A FLAT (GRADED) AND STATION. THE DESCRIBED DIRT ROAD IS FOLLOWING THROUGH A GRADED BUT UN-DEVELOPED SUBDIVISION. THIS IS A DRIVE STATION.

STATION MARK:

FD. A LOS ANGELES CO. SURVEY CONTROL 4" BRASS DISK IN A 10"X10" CONC. PAD, UP 2" & STAMPED AS FOLLOWS: "LA BREA G-1 AUX 5, 1960, L.A. CO. ENG'R. R.E. 5869", PER F.B. 696-263 & 264 (TRIANGULATION STATION MARK)

AUX 4:

FD. A LOS ANGELES CO. SURVEY CONTROL 4" BRASS DISK IN A 10"X10" CONC. PAD, FLUSH & STAMPED AS FOLLOWS: "LA BREA G-1 AUX 4, 1960, L.A. CO. ENG'R. R.E. 5869", PER F.B. 696-263 & 264 (TRIANGULATION STATION MARK)

REFERENCE MARKS:

FD. A LOS ANGELES CO. SURVEY CONTROL 4" BRASS DISK REFERENCE MARK, IN A 10"X10" CONC. PAD, FLUSH, & STAMPED AS FOLLOWS: "LA BREA G-1 AUX 2, R.M. 1, 1960, L.A. CO. ENG'R. R.E. 5869".

FD. A LOS ANGELES CO. SURVEY CONTROL 4" BRASS DISK REFERENCE MARK, IN A 10"X10" CONC. PAD, FLUSH & STAMPED AS FOLLOWS: "LA BREA G-1 AUX 2, R.M. 2, 1960, L.A. CO. ENG'R. R.E. 5869".

FD. A 3/4" I.P. & CAP W/ A DRILL HOLE, DOWN 12" AND ON THE EDGE OF A CUT BANK. PER F.B. 696-263.

NOTE:

A SEARCH WAS MADE AT RECORD DISTANCE, PER F.B. 696-263, FOR AUX-2 & AUX-3, NOTHING FOUND OR RESET.

THIS STATION IS ON A GRADED FLAT AREA, IN A GRADED & UN-DEVELOPED SUBDIVISION.

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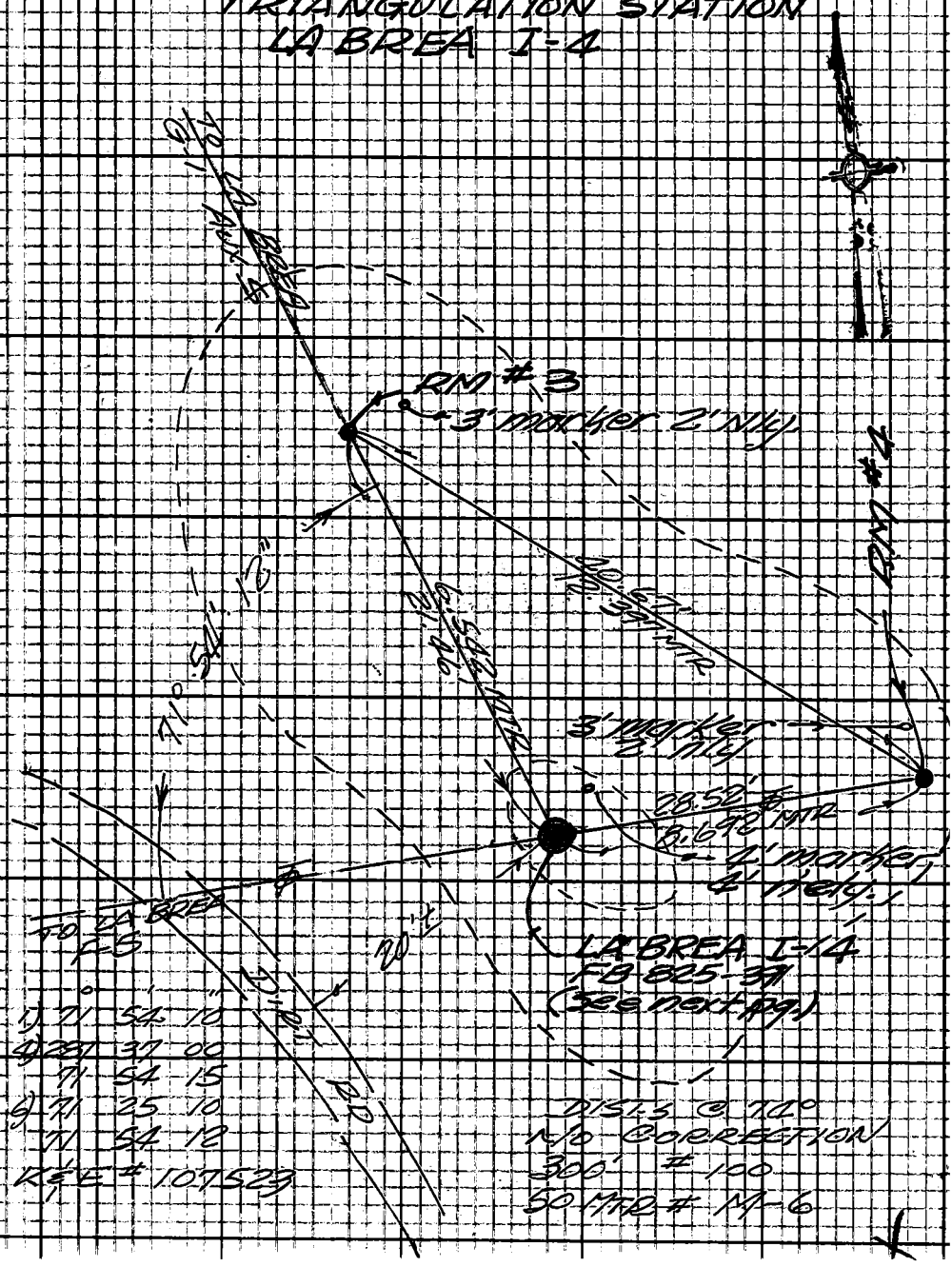
Notes Ck'd by	Survey of Puente Hills Photo F.B. 2984 PG. 181
Map No.	JN Tape Std. °F
Office Work	Surveyed by RC Wilson
Checked	Notes RCW Date 1-6-66
Date	Indexed C. J. GALLI

L.A. CO. SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LA BREA I-4



	°	'	"
1)	71	54	10
4)	287	37	00
	71	54	15
5)	71	25	10
	71	54	12

K&E # 107523

DIST. S @ 74°
N/O CORRECTION
300' # 100
50 MTR # M-6

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

F. B. 2984 PG. 182

LA BREA I-4

THIS STATION IS LOCATED in L.A. County on top of a hill between La Brea and Rodeo Cyns, 2600'± south and 1000'± east of the corner of sections 20, 21, 28 & 29, T2S, R9W. The slopes of the hill are covered with small walnut trees.

TO REACH THIS STATION from Brea Cyn Cutoff & Brea Cyn Rd drive S.Wly on Brea Cyn 0.7 mile to a locked gate on the left. Commence mileage here. @ 0.1 mile cross wood bridge and pass thru gate; @ 0.5 mile, pass trans twr on left; @ 0.8 mile, rd junct (from left); follow dirt rd along top of ridge. @ 1.6 mile, rd junct to right; turn rt and travel up-grade 850'± to high point. The sta is 20'± n-ely from the edge of dirt roadway.

STATION MARK: A 4" BRASS DISC set in 12"x12" conc. post up 1" stamped "TRIANGULATION STATION - COUNTY SURVEYOR RE 21'77 - LA BREA I-4 - 1939"

R.M. #1 & #2 not found.

R.M. #3 - Set 4" B.M. brass disc on line to LBR G-1, AUX 5 in 6" conc. post stamped "LA BREA I-4 RM 3 1966 LA CO ENGR. R.E. 5869"

R.M. #4 - Same as 3 except on line prod. from LBR F-5 and stamped "RM 4"

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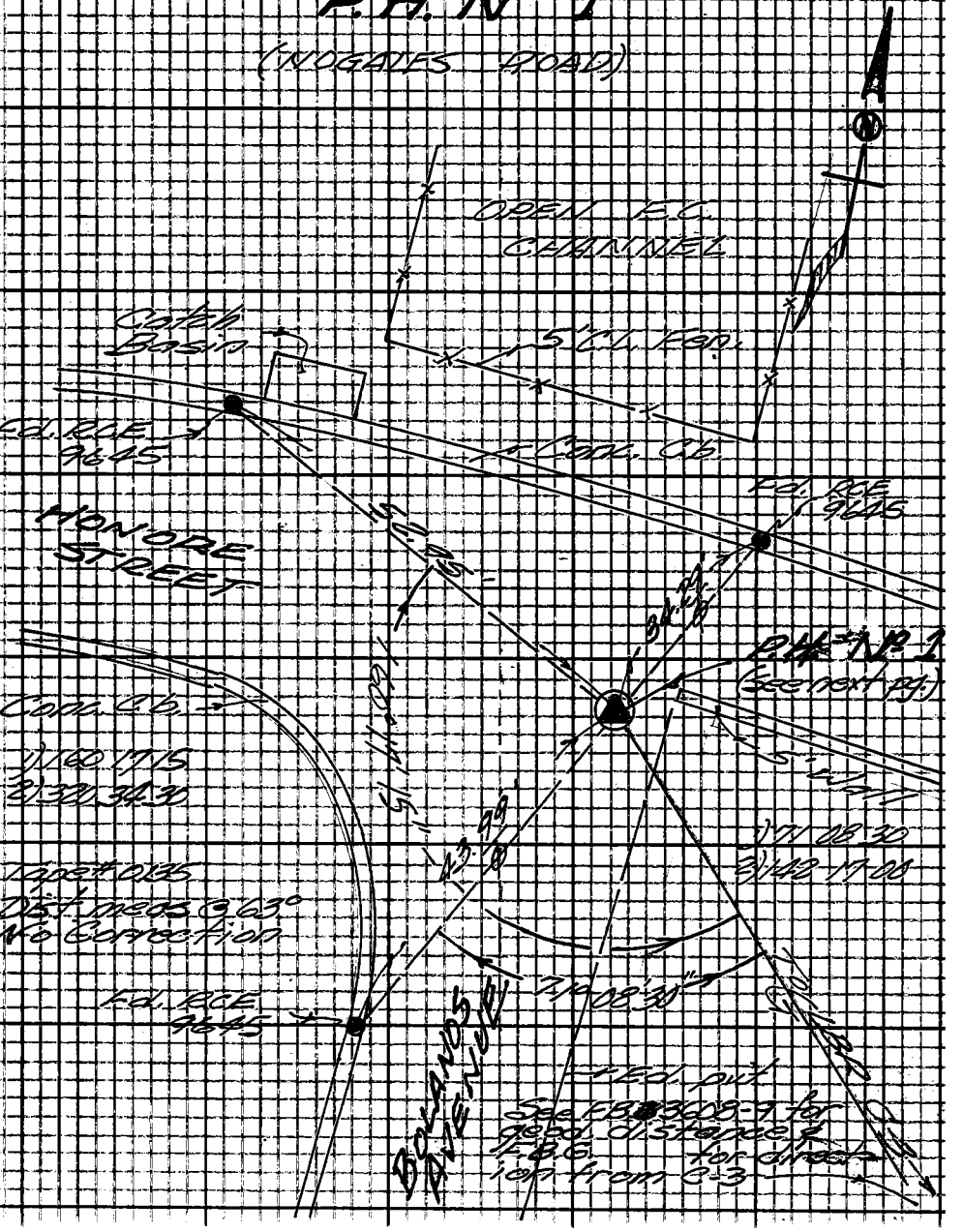
Notes Ck'd by	Survey of Nogales St
Map No.	JN 0075.03 Tape Sta. °F
Office Work	Surveyed by R. Wilson
Checked	Notes RCW Date 12-9-65
Date	Indexed C. J. GALLI

F.B. 2984 PG. 183

PUENTE HILLS PHOTO CONTROL

P.H. Nº 1

(NOGALES ROAD)



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

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76F3095 CE #310 6-62

F.B. 2984 PG. 184

PUENTE HILLS Nº 1

THIS PHOTO POINT IS LOCATED in the Puente Hills area at the intersection of Honore Street and Bolanos Avenue and may be reached as follows: From the intersection of 5TH Avenue and Otterbine proceed south on Otterbine 0.35 mile to Killion St on the right: thence rt (wly) on Killion 0.25 mile to the intersection of Bolanos ... (Killion changes to Honore at this point)

POINT PH Nº 1
Set large boat spk, Washer and ~~[illegible]~~ Tin on line between RCE 9645 Tags as indicated 4'± Wly from conc. block wall in pavement of Bolanos Ave.

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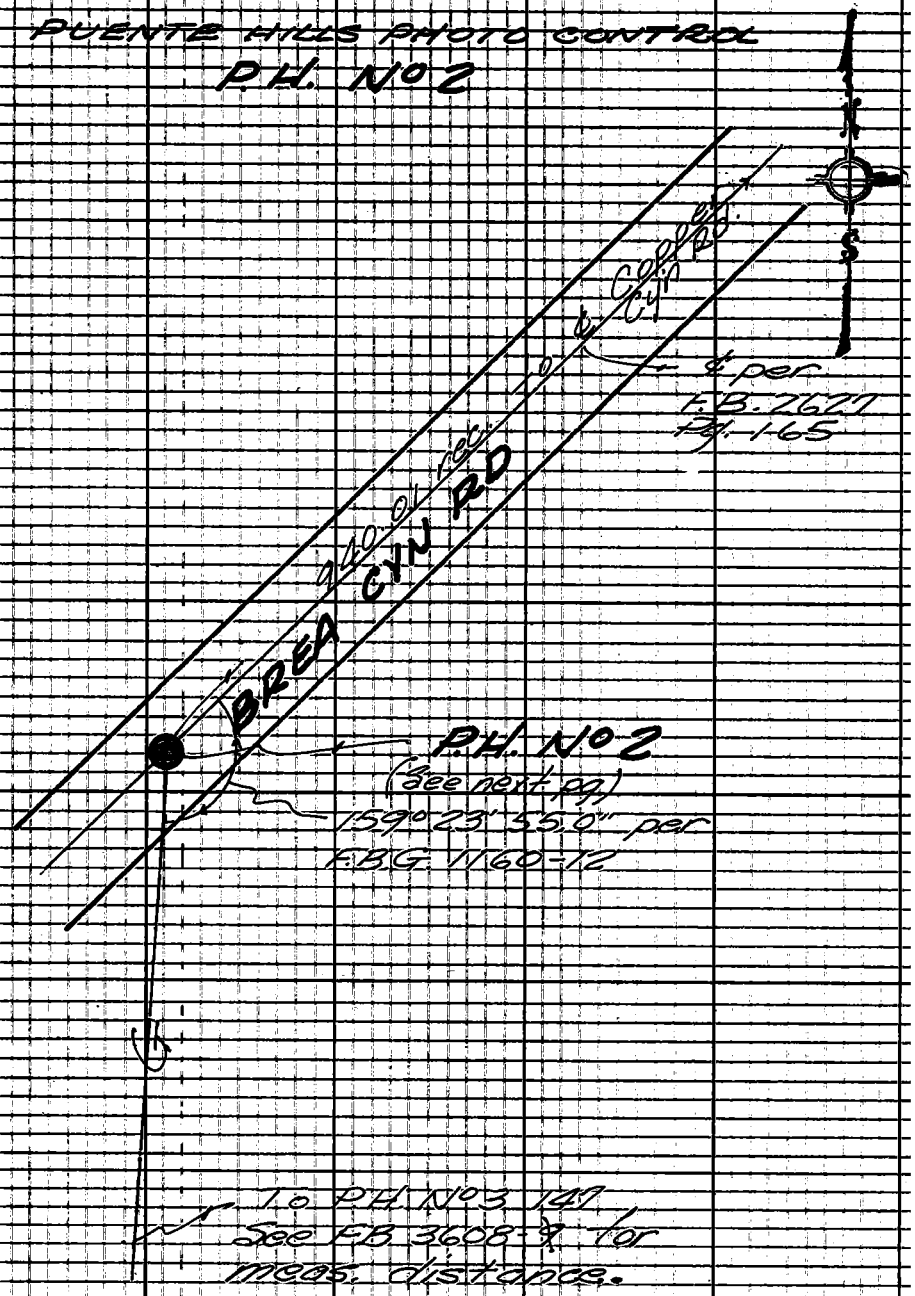
Notes Ckd by	Survey of P.H. Photo	F.B. 2984 Pg. 185
Map No.	JN 0301.00 Tape Std. °F	
Office Work	Surveyed by RCW	
Checked	Notes RCW Date 1-66	
Date	Indexed C. J. GALLI	

PUENTE HILLS PHOTO CONTROL
P.H. No 2



Noted on Geo. Index Card
Placed on G.R. Quad. Shts.
Placed on Sec. Div. W. Sh.
Sketch on Geo. Desc. Card

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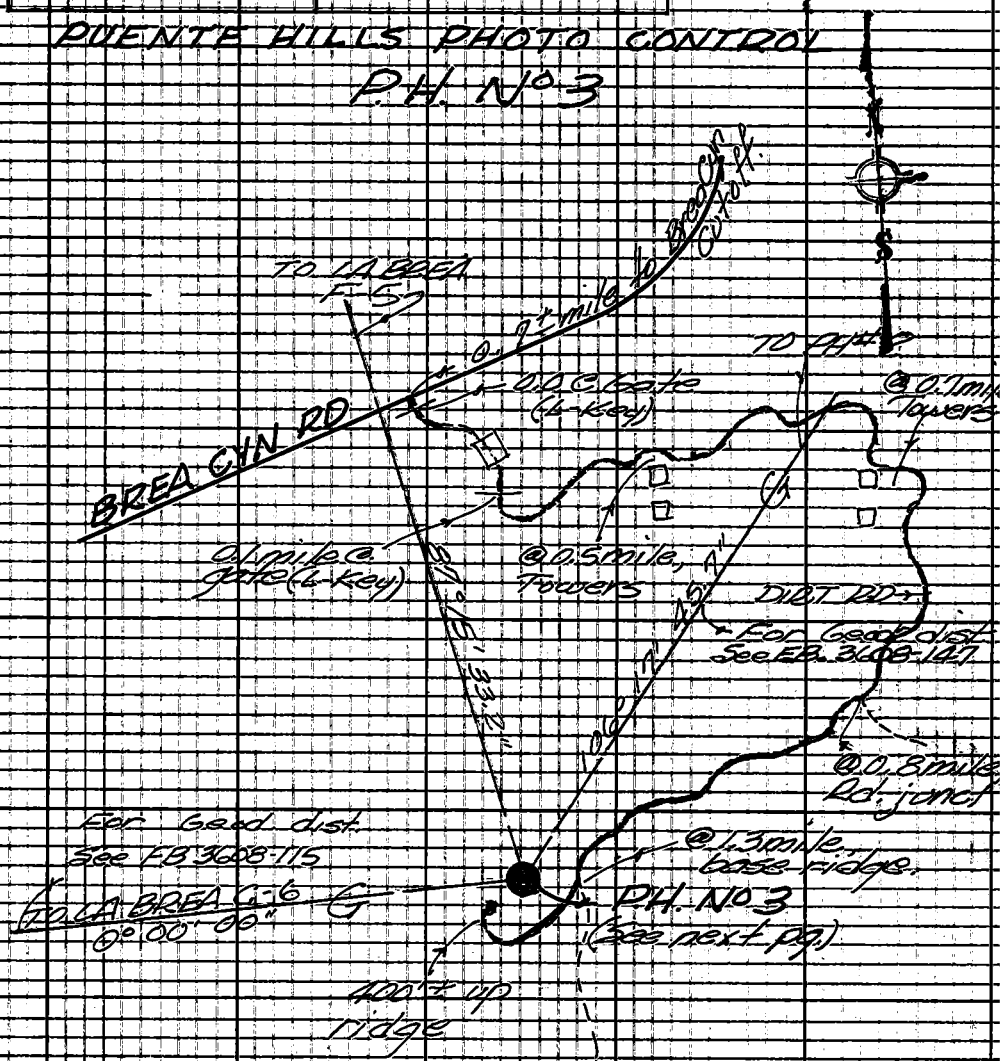
76F309S CE#310 1-65

Notes Ckd by	Survey of Puente Hills photo	F. B. 2984 PG. 187
Map No.	J.N. Tape Std °F	
Office Work	Surveyed by R.C. Wilson	
Checked	Notes RCW Date 1-14-66	
Date	Indexed C. J. GALLI	

PUENTE HILLS PHOTO CONTROL
P.H. No 3



For meas. directions see FBG 1160-21 and vertical angles
RCW

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

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76F309S CE#310 1-65

F.B. 2984 Pg. 188

P.H. No 3

THIS PHOTO CONTROL POINT IS LOCATED 1700' ± S.20°E ± From the N.W. Cor. of Section 32, T2S, R9W in the Puente Hills Area of L.A. County on the RINCON DE LA BREA RANCHO on a spur overlooking Brea Cyn Rd and maybe reached by traveling S.Wly from the intersection of Brea Cyn Cutoff and Brea Cyn Rd 0.7± mile to a locked gate on the left (Sly side of road) Commence mileage here: @ 0.1 mile, cross wood bridge and pass thru gate: @ 0.5 mile, pass tower on left: @ 0.7 mile, pass tower on left: @ 0.8 mile, pass rd. on left: @ 1.3 mile, reach base of ridge: travel up ridge 400'± and park. Hike 100' Nly to point.

POINT PH No 3

Set a 3/4" Capped and drilled pipe on top of small spur.

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG
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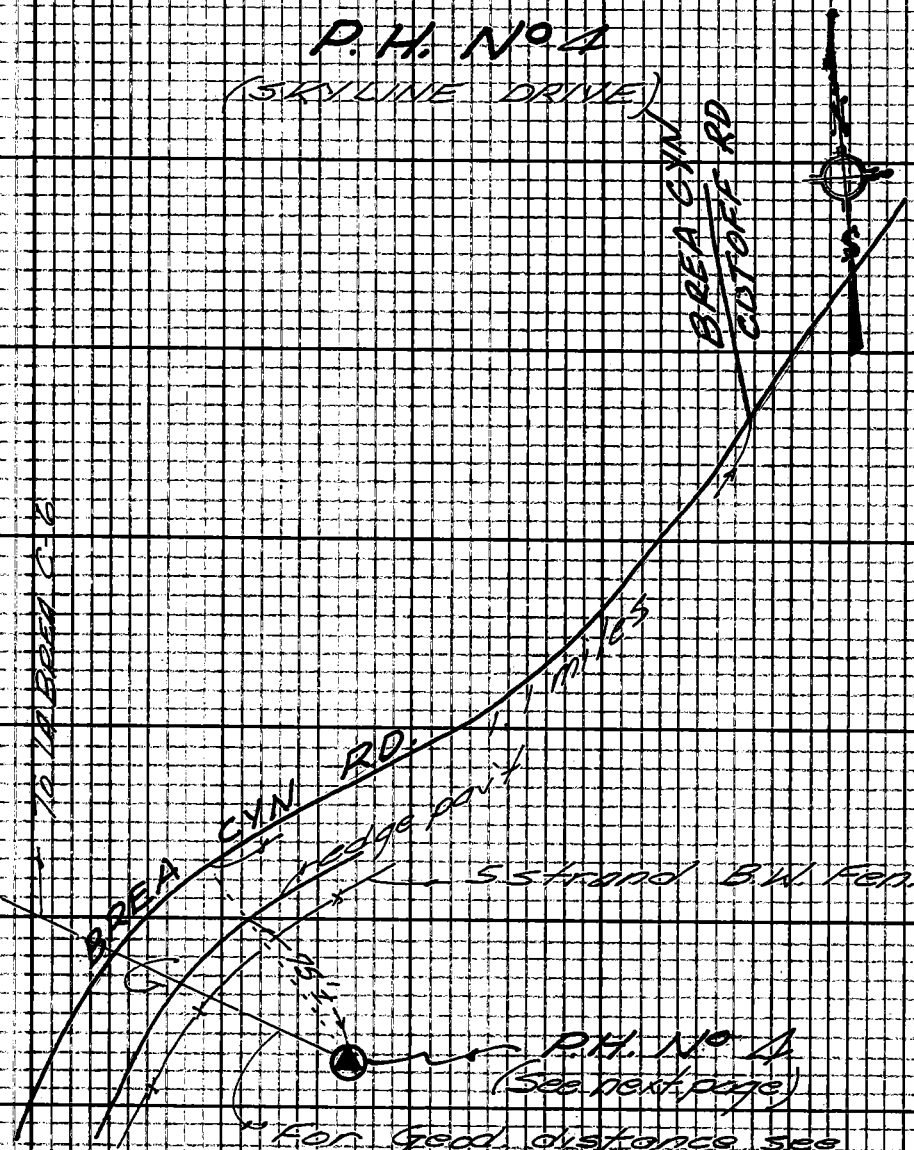
Notes Ck'd by	Survey of SKYLINE DR.
Map No.	JN Tape Std. °F
Officer Work	Surveyed by RC WILSON
Checked	Notes RCW Date 12-9-65
Date	Indexed C. J. GALLI

F.B. 2984 PG. 189

PUENTE HILLS PHOTO CONTROL

P.H. No 4

(SKYLINE DRIVE)



For Geod. distance see FB 3608-117
For direction @ LBR C-6 see FBG 1160-25

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

76F3095 C.E. #310 6-62

F. B. 2984 PG 190

~~P.H. No~~

PUENTE HILLS No 4

THIS PHOTO POINT IS LOCATED in L.A. County in the Puente Hills Area 3700'± north of the co. line and may be reached from the intersection of Brea Cyn Cutoff Rd. and Brea Cyn Rd. by traveling sely on Brea Cyn Rd 1.1 miles to a curve in the road. The point is 75'± sly from the edge of pavement in an open pasture. "BM B-348" painted at edge pavt.

POINT P.H. No 4

Fd. 3" brass disc set in 12" X 12" Conc. pad up 6" and stamped "U.S. G.S. B.M. B-348 1949".

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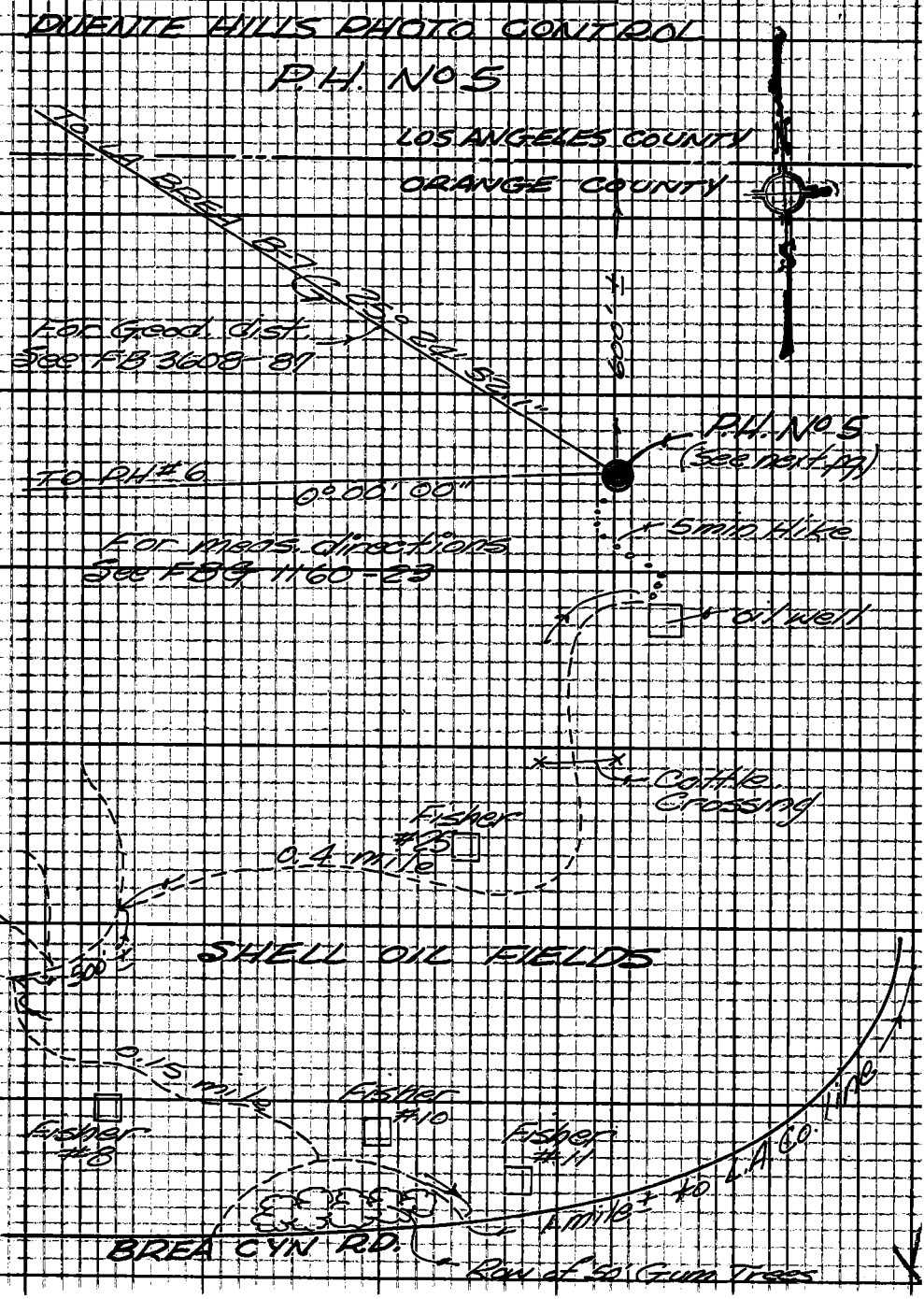
Notes Ck'd by	Survey of Puente Hills	F. B. 7984 Pg. 191
Map No.	JN Tape Std °F	
Office Work	Surveyed by RC Wilson	
Checked	Notes RCW Date 1-10-66	
Date	Indexed C. J. GALLI	



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Place R.G.S. Quad. Shts.
Placed on Sta. Div. U.S. No.
Sketch on Geo. Desc. Card

76F309S CIE #340 6-62

F. B. 2984 PG. 192

P.H. No 5

THIS PHOTO CONTROL POINT IS LOCATED in the puente Hills Area 600' ± South of the Co. Line, 1100' N.W. of Brea Cyn Rd, on a small knob in the Shell Oil Co. Fields, in Orange County and may be reached by traveling sly on Brea Cyn Rd. 1 mile ± from the L.A. Co. line to the entrance rd. to the Shell Oil Fields: thence N. wly 0.15 mile to junct: thence east 500' ± to rd on rt: thence 0.4 mile to end of rd. at oil well. Hike up ridge 500' ± to station.

POINT P.H. No 5

A 2" brass disc stamped "S-6" set in a 2 1/4" I.P. projecting 4" above ground.

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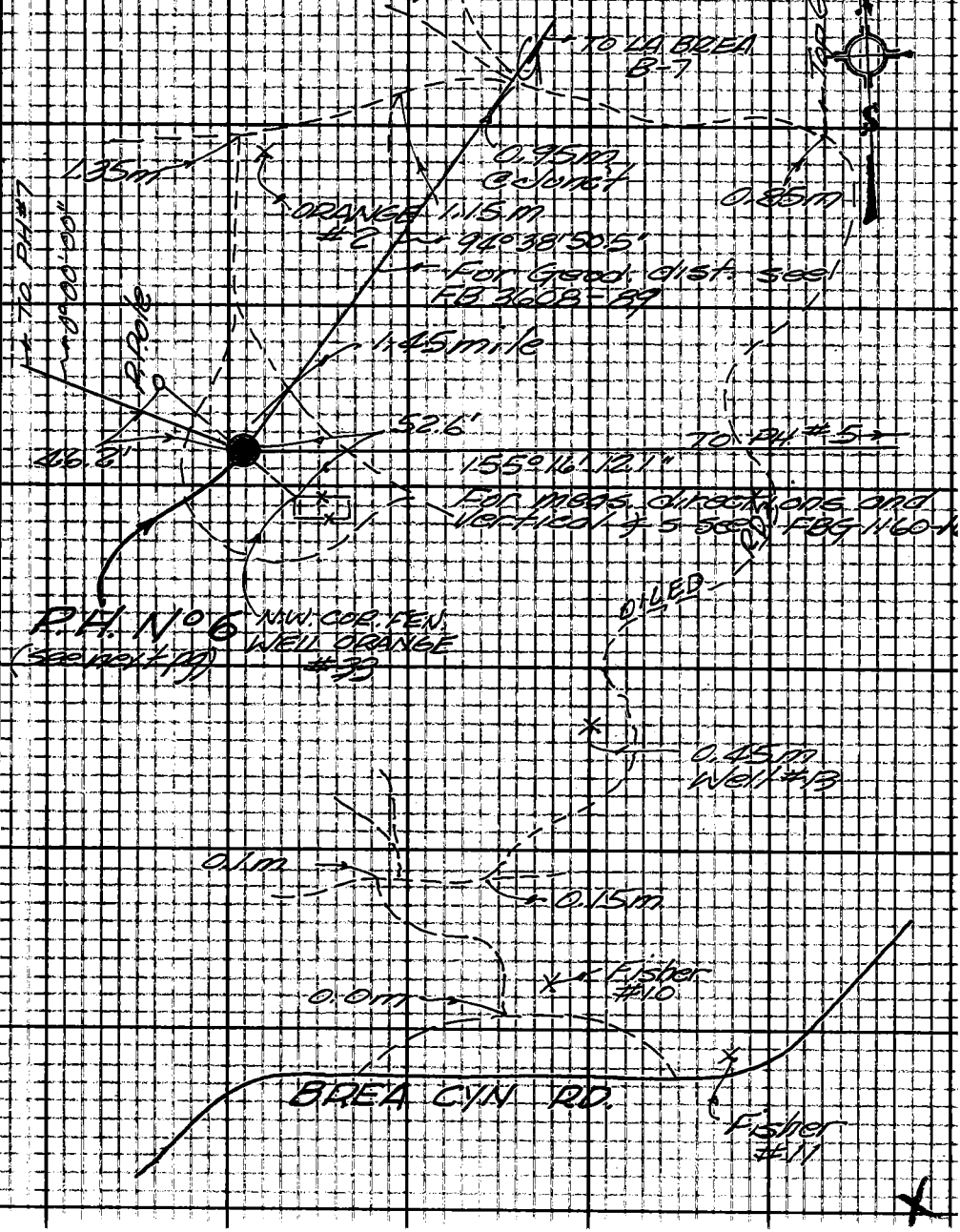
Notes Ck'd by	Survey of Puente Hills Photo F.B. 2984 Pg. 193
Map No	JN Tape Std °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes RCW Date 1-7-66
Date	Indexed C. J. GALLI

PUENTE HILLS PHOTO CONTROL

P.H. No 6



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Placed on B.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Sec. Desc. Card

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

F. B. 2984 PG. 194

P.H. Nº 6

THIS PHOTO CONTROL POINT IS LOCATED in Orange County 800'± South of the L.A. Co. line and 2100'± Wly of an angle pt in the Rincon De La Brea Rancho line in the Shell Oil Co. Fields and may be reached from Brea Cyn. Rd. by traveling Sely 1 mile ± to the oil field entrance @ Fisher well #10. Thence follow oiled road 0.1 m to junct. thence rt to 0.15 m to junct. thence @ 0.45 mile pass well #13; thence @ 0.85 mile reach top of grade and start down; @ 0.95 mile reach junct of two side roads and take rd. to left; @ 1.15 mile pass side rd on left; @ 1.35 mile turn left @ well "Orange #2" and follow up grade to 0.1 mile to top. Point is located 52.6' NWly from N.W. Cor. of well "Orange #33" in flat area the same level as the well.

POINT P.H. Nº 6

Set 1" Capped and drilled L.P. flush in oiled flat.

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Map No.	JN Tape Std °F
Office Work	Surveyed by RC Wilson
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Date	Indexed C. J. GALLI

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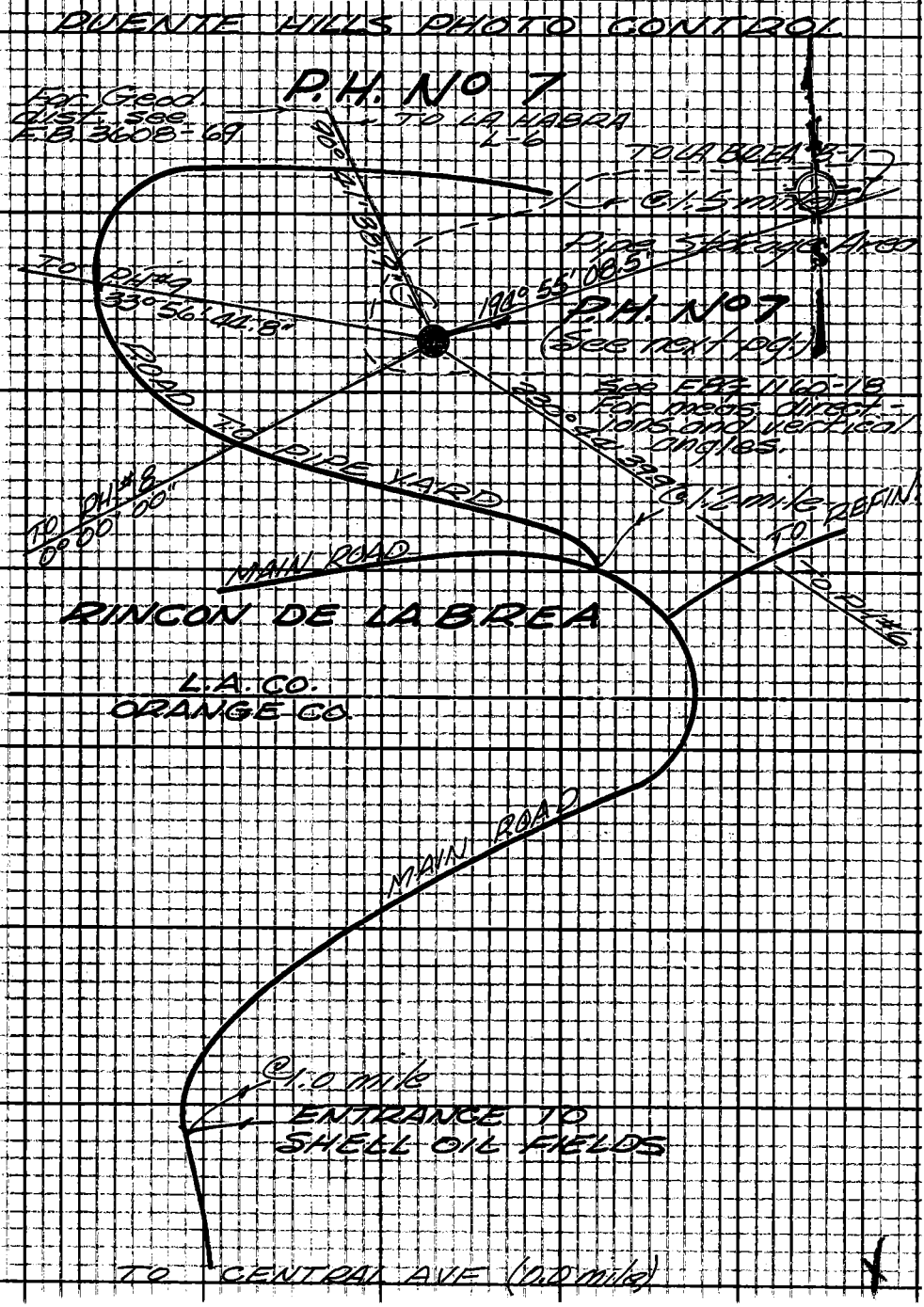

76F309S CE #310 6-62

F. B. 2984 PG. 196

P.H. NO 7

THIS PHOTO CONTROL POINT IS LOCATED in the Shell oil fields in the Rincon De La Brea 400'± north of the Co. Ln. and 8400'± east of Fullerton Rd. at the west end of a large graded flat area used as a pipe storage yard and may be reached from the intersection of Hwy 101 (Whittier Blvd.) and Fullerton Rd. by traveling south on Fullerton Rd. 1/2 mile± to Central Ave. thence east on Central 1 3/4 mile± to Site Drive thence north 1/2± mile to the Shell Oil field entrance thence follow main rd (paved with painted ℄) ely 0.2± mile to a sharp curve wly, a road to the right and a rd. nly up grade. follow the rd. up grade (nly) 0.3± mile to storage yard. Swing to left (wly) to the s.w. corner of flat area and point.

POINT P.H. NO 7

Fd a 2" I.P. with conc. plug, CO. ENGR. tag, lrg. washer stamped "L.H.-7" and nail set flush. A 4' Yellow marker pipe is 3' South.

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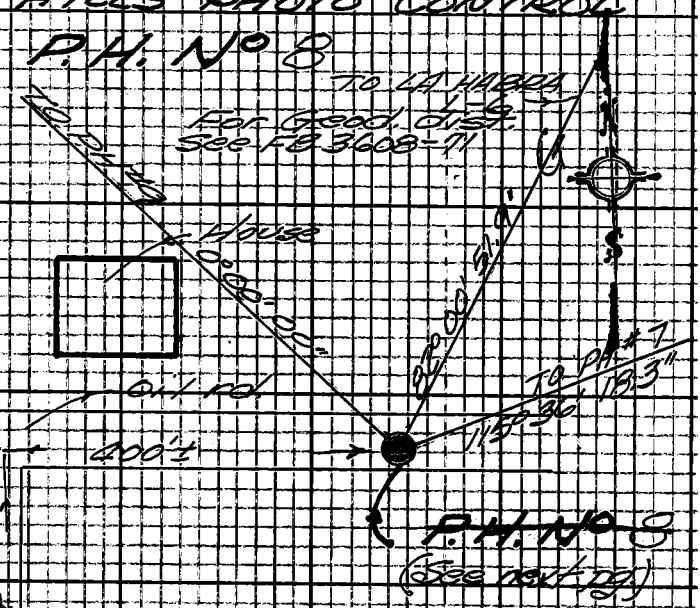
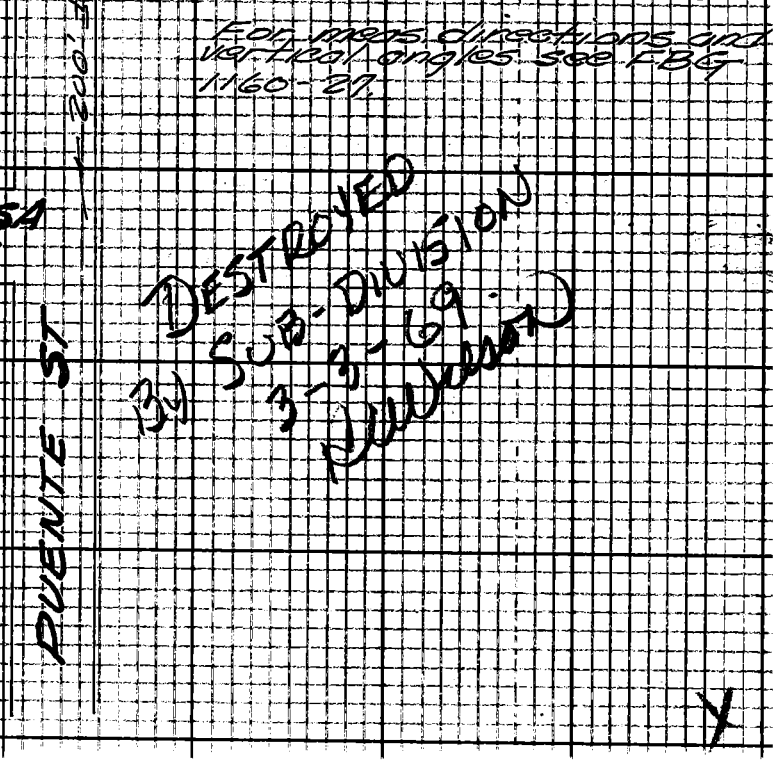
Notes Ck'd by	Survey of Puente Hills Photo F.B. 7984 Pg. 197
Map No.	JN Tape Std °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes RCW Date 1-4-66
Date	Indexed C. J. GALLI

PUENTE HILLS PHOTO CONTROL



For meas. directions and vertical angles see FBG 1160-27.



DESTROYED BY SUB-DIVISION 3-3-69 R.C. Wilson

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Placed on Div. W.S. No.
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76F3095 CE #310 6-62

F. B. 2984 PG. 198

P.H. No 8

THIS PHOTO CONTROL POINT IS LOCATED in Orange Co. 1200'± So. of the L.A. - Orange Co. line and 5700'± east of Fullerton Rd., 200'± north and 400'± ~~west~~ east of the intersection of Puente St and Alta Mesa Dr. in an oiled road 4'± north of the south edge and may be reached from the intersection of Whittier Blvd and ~~Bre~~ Fullerton Rd. by traveling east on Whittier Blvd 1.1 mile± to its end at Puente St: thence north on Puente to its end 200'± north of Alta Mesa Dr: thence east on oiled rd. 400'± to the point.

POINT P.H. No 8

Set a ~~large spk and washer flush in oiled rd 4' north of the south edge~~ 3/4" Capped & drilled I.P. flush in oiled road 2'± north of south edge

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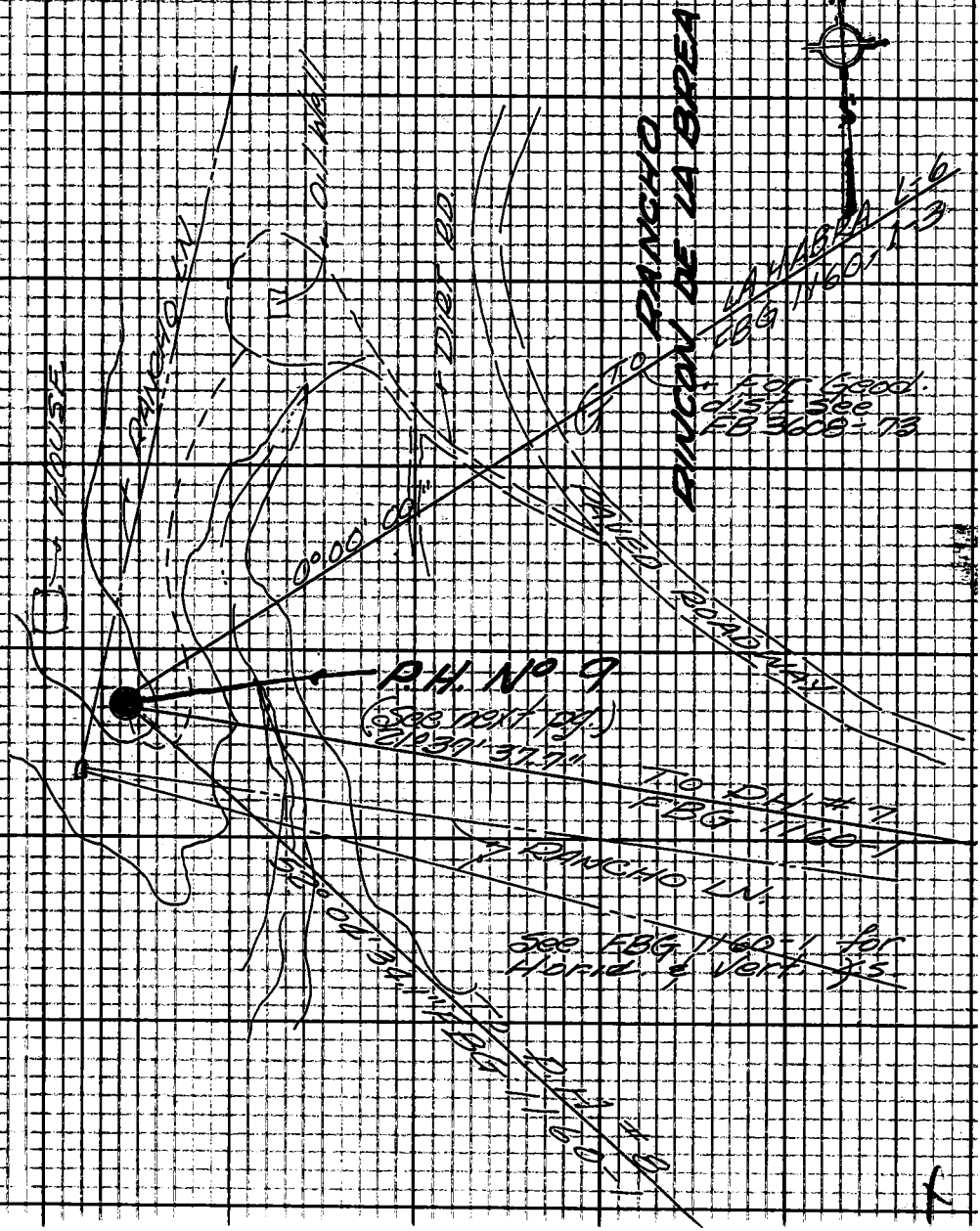
Map No	JN Tape Sta °F
Office Work	Surveyed by RCWilson
Checked	Notes RCW Date 1-4-66
Date	Indexed

F.B. 2984 PG. 199

PUENTE HILLS PHOTO CONTROL
P.H. No 9



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Placed on C.S. Quad. Shts.
Placed on Div. W.S. No.
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76F309S (CE) #3106-62

F. B. 2981 PG. 200

P.H. No 9

THIS PHOTO CONTROL POINT IS LOCATED near the S.W. cor. of the RINCON OF LA BREA RANCHO 1100' ± north of the Co. Line and 1600' ± east of Fullerton Rd. on top of a small knoll in the Shell Oil Co. Fields and may be reached from the intersection of Hwy 101 (Whittier Blvd.) and Fullerton rd. by traveling south on 101 1/2 mile ± to Central Ave.; thence east on Central Ave. 1¾ mile ± to Site Dr.; thence north to entrance to oil fields (¼ mile) thence follow main rd. (paved with painted ℄) east, then west ± 1.3 ± mile to dirt rd. on left; thence left 0.2 mile to oil well; thence left on traveled track 400' to base of ridge. Hike up ridge 200' to point.

POINT P.H. No 9

Fd. a 2" I.P. with conc. plug, CO. ENGR. tag, lrg. washer stamped "L.H. 6", and nail set flush. A 4" yellow marker pipe is 3' ± north.

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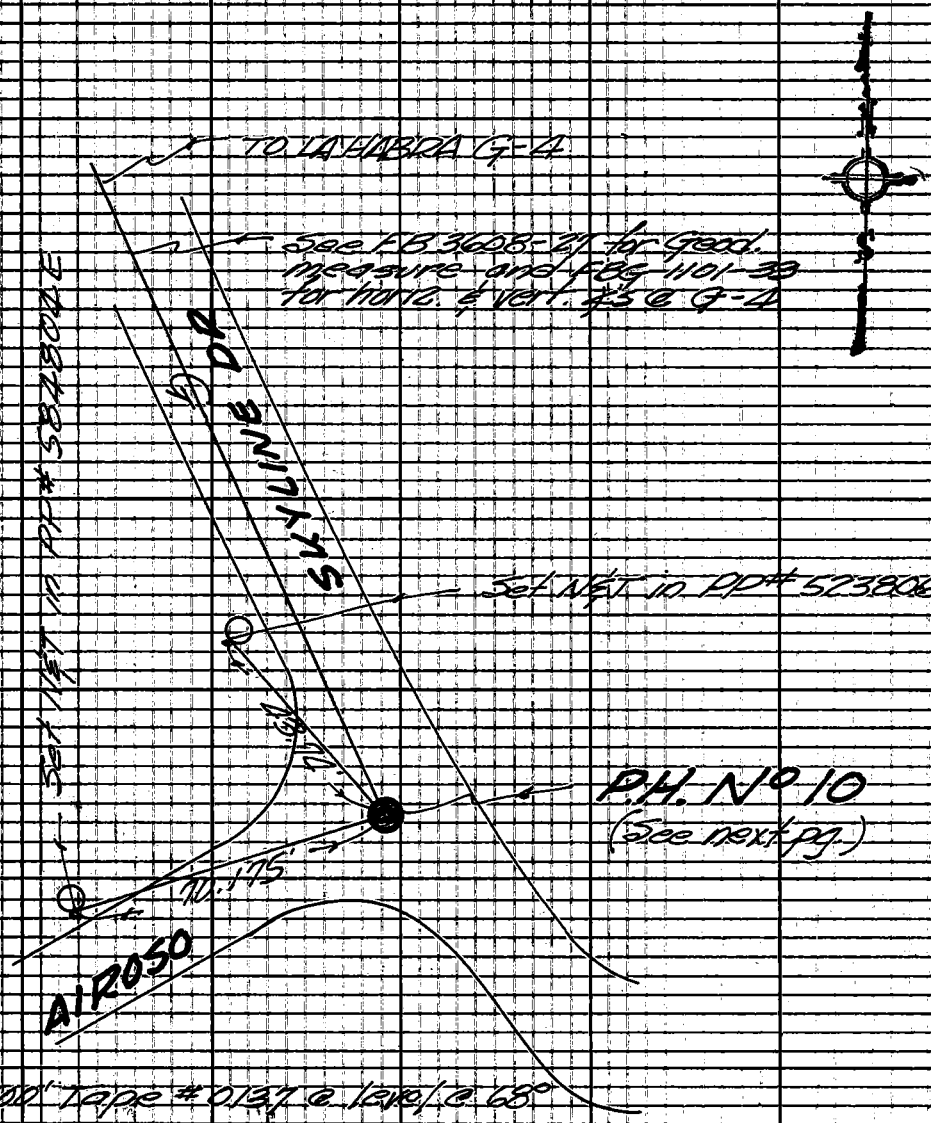
Notes Ckd by	Survey of P.H. PHOTO	F.B. 2984 PG. 201
Map No.	JM 1.33 Tape Std. °F	
Office Work	Surveyed by R.C. Wilson	
Checked	Notes RCW Date 1-66	
Date	Indexed C. J. GALLI	

PUENTE HILLS PHOTO CONTROL

P.H. No 10



W.S. 35, 13

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Plat Bk. S.G.S. Quad. Shts.
Plat Bk. Div. W.S. No.
Sketch on Geo. Desc. Card

76F309S CE#310 1-65

F.B. 2984 Pg. 202

P.H. Nº 10

THIS PHOTO CONTROL POINT IS LOCATED in the Puente Hills Area of L.A. County, N 60°W ± 2500' ± from the inter-section of FULLERTON RD. & EAST RD and at the intersection of AIROSO & SKYLINE DR. To reach this point from Fullerton Rd. & Skyline Dr. follow Skyline N'ly 3/4 mile ± to the intersection of AIROSO. The point is located at the approx. ℄ intersection.

POINT P.H. NO 10: Ed. a nail and washer set flush in the pavement.

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG
PLEASE RETURN TO
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 Puente Photo
Map No.	JN Tape 0135 Sta 68 °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes RCW Date 1-9-66
Date	Indexed C # CALL

F.B. 7984 PG. 203

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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76F309S CE #310 6-62

PUENTE HILLS PHOTO CONTROL

P.H. NO 11

@ 64° Lev.
92.69
75.38
168.07

Fd C.E. tag set in conc. headwall per C.E. F.B. 3132-112

68.73 @ 64° @ L = 68.73

F.B. 2984 PG. 204

P.H. No 11

THIS PHOTO POINT IS LOCATED in the La Habra Hights area of L.A. Co. on the ℄ of East Rd. per C.E.F.B. 3132-111, 120 near the intersection of Valle Dr. as indicated and may be reached from the intersection of Hacienda & East Rd by traveling east on east rd. 2 miles± to the intersection of Valle Dr.

POINT P.H. No 11

Set Irn. spk. & washer on ℄ recovered per C.E.F.B. 3132-112 in center of paved road and painted "P.H No " on pavt. at point.

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403 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of P.H. PHOTO
Map No	JN Tape Std °F
Office Work	Surveyed by RC Wilson
Checked	Notes RCW Date 1-3-65
Date	Indexed C. J. GALLI

F.B. 2984 PG. 205

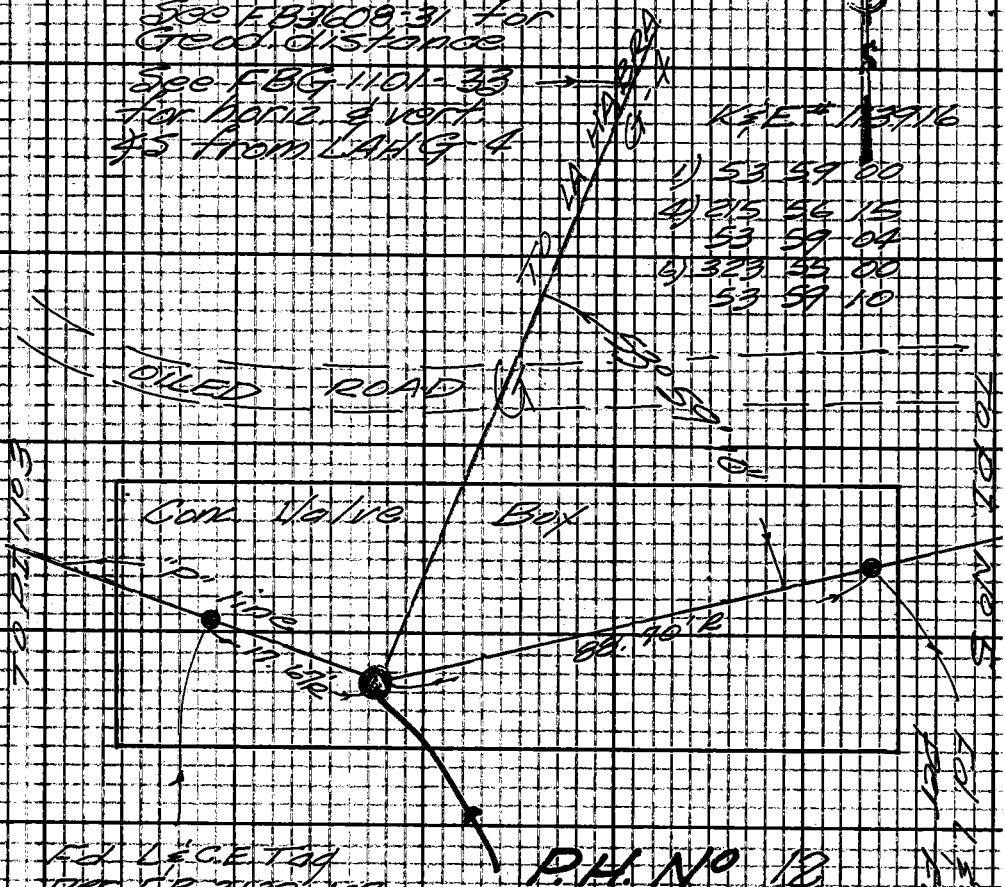
PUENTE HILLS PHOTO CONTROL
P.H. No 12

See FB 3608-31 for Geod. distance

See FBG 1101-33 for horiz. & vert. ∡s from LAHG-4

K&E # 1139.16

1) 53 59 00
4) 215 56 15
53 59 04
6) 323 55 00
53 59 10



Fd L&C.E. Tag per F.B. 3132-107

P.H. No 12
(See next page)

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 C.E. #310 6-62

F. B. 2982 PG. 206

P.H. NO 12

THIS PHOTO POINT IS LOCATED in the La Habra Heights area of L.A. County 300' S'ly from Hacienda Golf Course and may be reached from the intersection of Hacienda and East Road by traveling east on East Road 0.1± mile to a paved road on the right. Thence ely on paved road 0.3± mile to a wide graded flat. The point is located in a large conc. valve box.

POINT P.H. NO 12

Fd. a L.A. Co. Engr. tag set in lead in a conc. valve box per F.B. 3132-107 --- This point is PT NO 4 on proposed Pathfinder "P" line, with a plus of 29+60.88. The elev. per F.B 3132-139 = 672.929' (unadj.)

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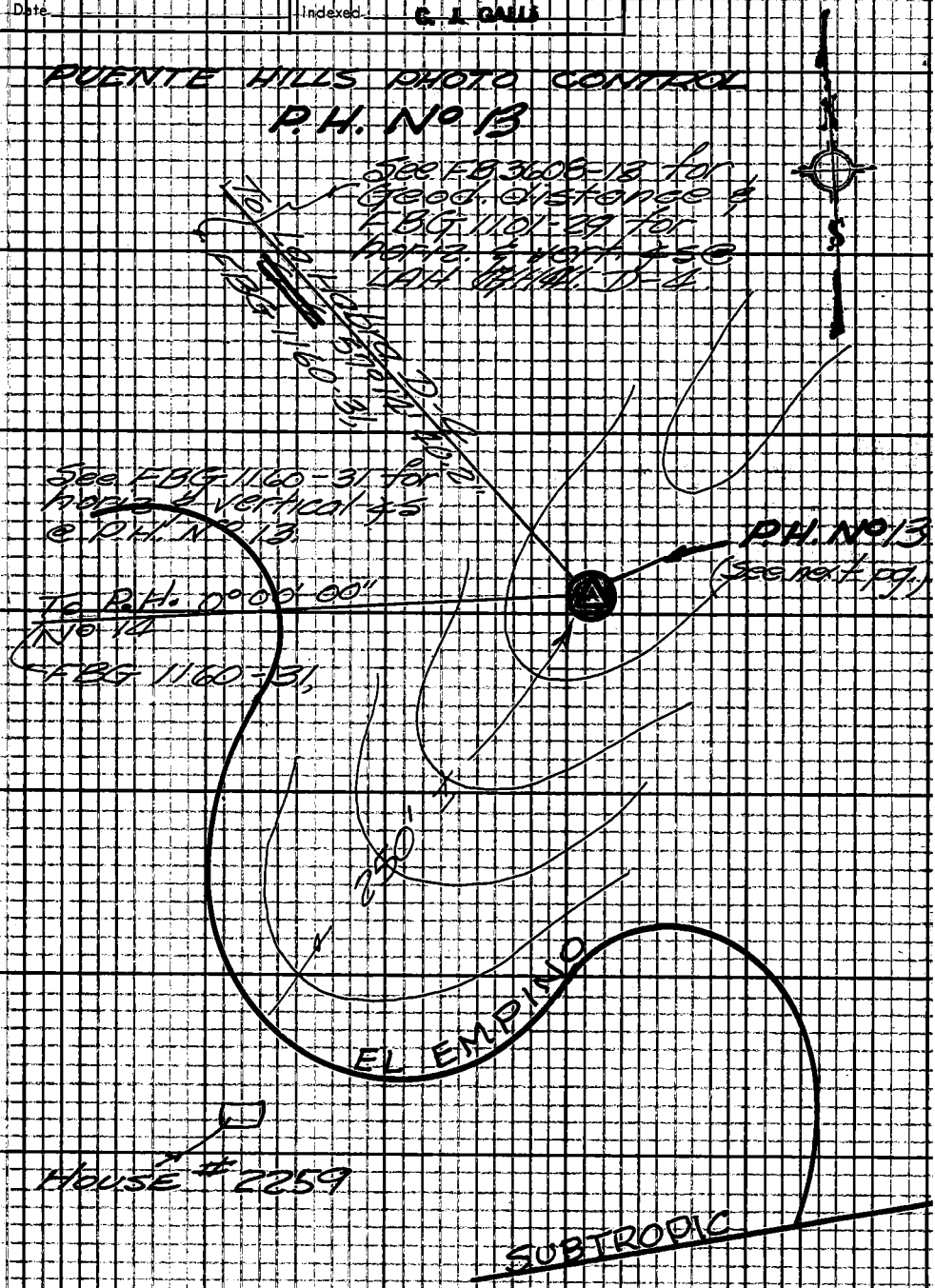
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Puente Hills
Map No.	JN Tape Std °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes R.C.W. Date 1-10-66
Date	Indexed C. J. GALLI

F.B. 2984 PG. 207

PUENTE HILLS PHOTO CONTROL
P.H. No 13



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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S C.E. #310 6-62

F. B. 2984 PG. 208

PUENTE HILLS No 13

THIS PHOTO POINT IS LOCATED in the Puente Hills area of L.A. County 2900' N'ely from the S.E. Cor. of sect 25, T2S, R11W and may be reached from the intersection of Hacienda and Encanada Dr. by traveling n'ly on Encanada 0.9 miles to Subtropic, thence r.t. 0.2 miles to El Empino, thence r.t. 0.1 mile on El Empino to house # 2259 on the left. Park and hike up ridge to right 250'± to the point.

POINT P.H. No 13

Set a 3/4" I.P. with drilled cap up 2" on top of ridge 250'± from road.

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403 Los Angeles County Engineering Bldg.

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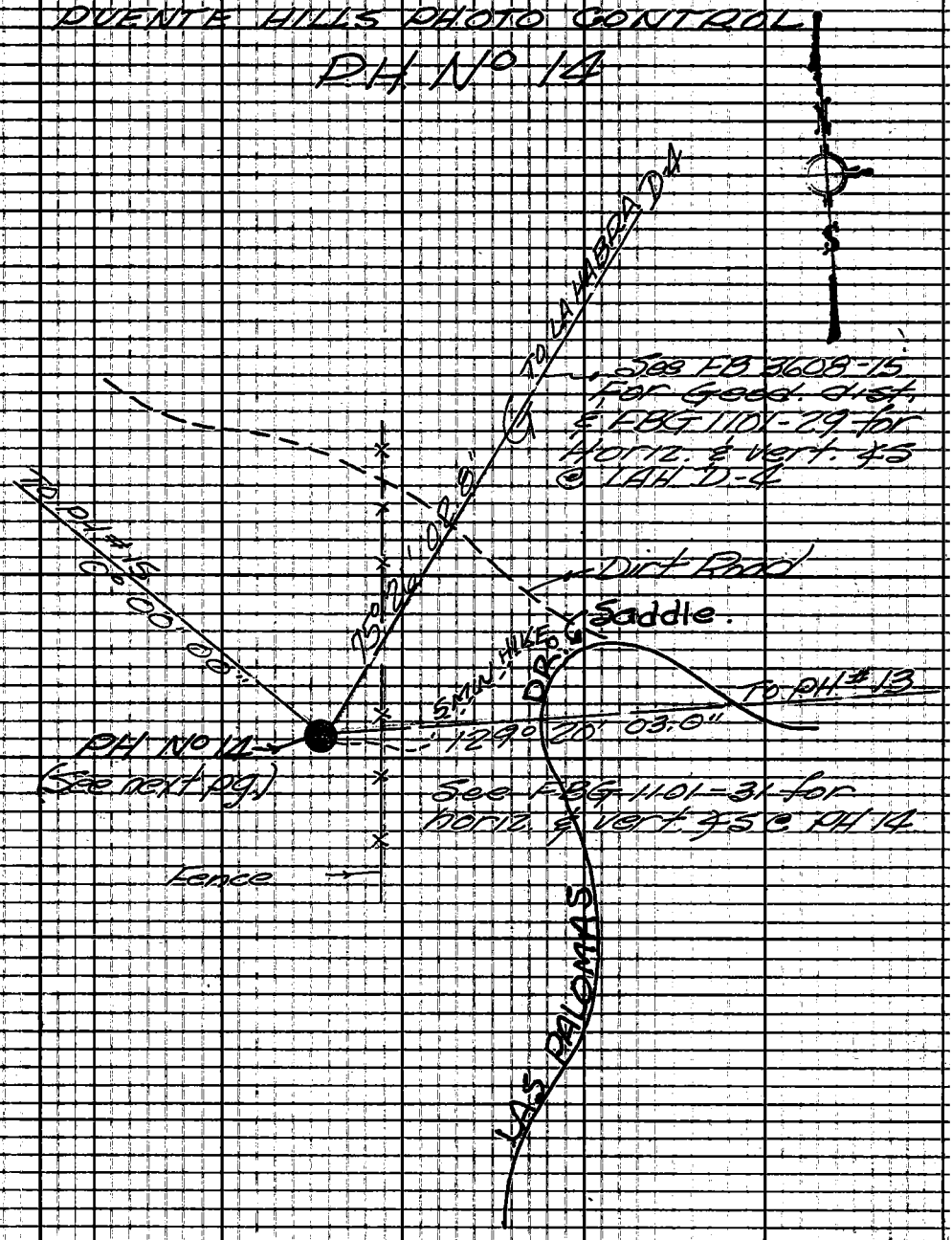
Notes Ckd by	Survey of Puente Hills	F.B. 2984 Pg. 209
Map No.	J.N. Tape Std. °F	
Office Work	Surveyed by R.C. Wilson	
Checked	Notes RCW Date 1-17-66	
Date	Indexed C. J. GALLI	

PUENTE HILLS PHOTO CONTROL

PH No 14



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

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

Noted on Index Card
Placed on U.S. Quad. Sht.
Placed on Bor. Div. W.B. No.
Sketch on Geo. Desc. Card

76F309S CE#310 -65

F.B. 2984 Pg 210

PH No 14

THIS PHOTO CONTROL POINT IS LOCATED IN L.A. County in the Puente Hills and 800' ± S. Wly from the east 1/4 cor. of section 25 T2S R11W and may be reached from Los Palomas Dr. as indicated.

POINT PH No 14

Set a 3/4" I.P with Drilled cap up 2" on top of small spur.

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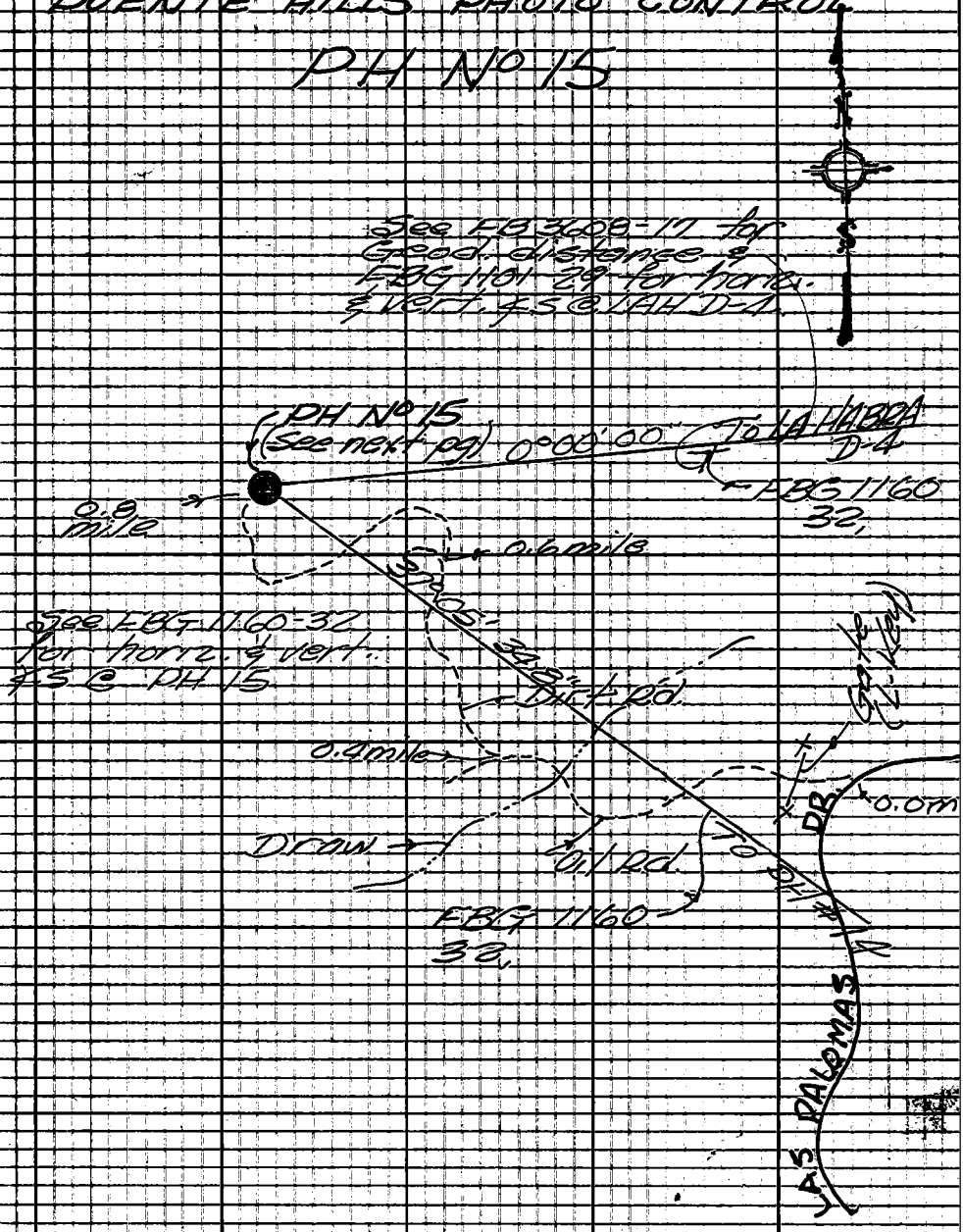
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Puente Hills	F. B. 2984 PG. 271
Map No.	J.N. Tape Std. °F	
Office Work	Surveyed by RC Wilson	
Checked	Notes RCW Date 1-17-66	
Date	Indexed C. I. GALLI FEB 2 4 '66	

PUENTE HILLS PHOTO CONTROL

PH No 15



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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F.B. 2984 Pg. 212

PH No 15

THIS PHOTO CONTROL POINT IS LOCATED in the Puente Hills area of L.A. County, 600'± South of the north 1/4 Corner of sect 25, T2S, R11W and may be reached from Las Palomas Drive as indicated.

POINT PH No 15

Fd a 3/4" I.P. with drilled cap on top of high knob, elev 944 per quad sheet.

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403 LOS ANGELES COUNTY ENGINEERING BLDG
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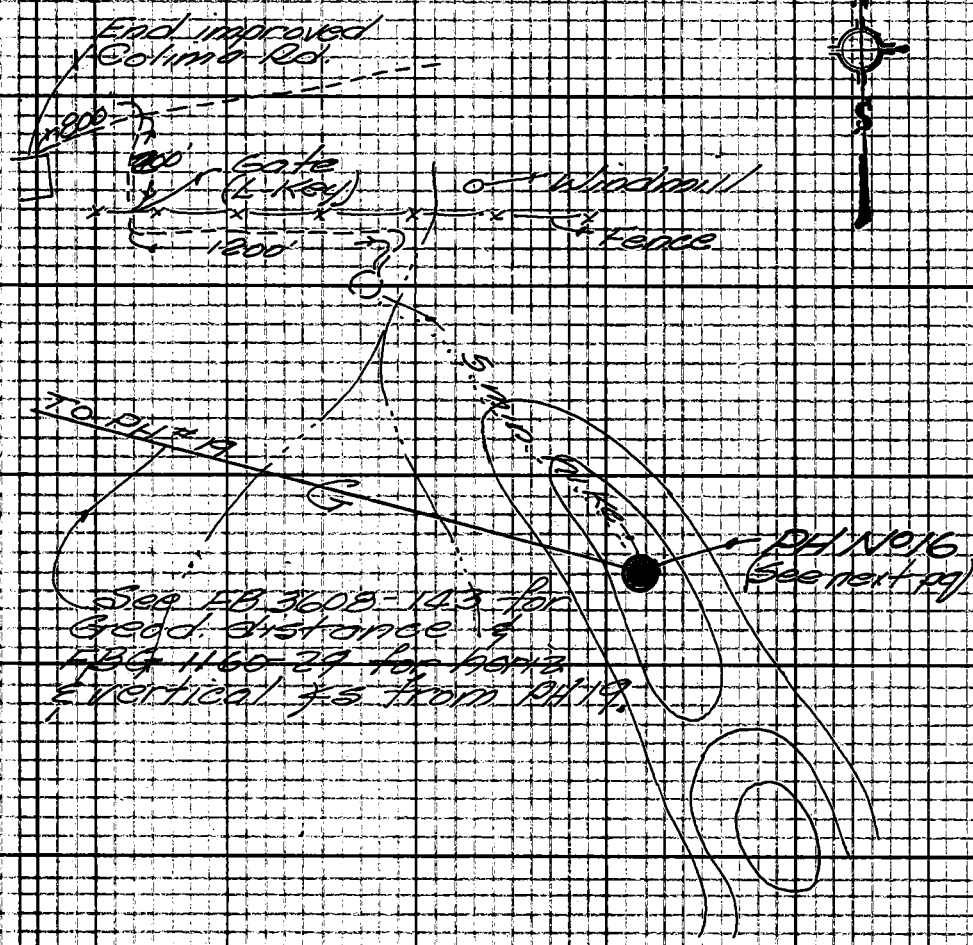
Notes Ck'd by	Survey of Puente Hills	F.B. 2984 Pg. 213
Map No.	JN Tape Std. °F	
Office Work	Surveyed by R.C. Wilson	
Checked	Notes RCW Date 1-10-66	
Date	Indexed C. J. GALLI	

PUENTE HILLS PHOTO CONTROL
P.H. No 16



See FB 3608-143 for Geod. distance & FBG 1160-29 for horiz & vertical ∠s from PH 19.

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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 ICE #310 6-62

F. B. 2984 PG 214

PH No 16

THIS PHOTO CONTROL POINT IS LOCATED in the Puente Hills area of L.A. County, 3900'± S 70°W. from Amherst Puente Rd and 5TH Ave, 1800'± east of the end of improved Colima Rd: on the most nly point of a finger ridge, and may be reached from Colima & Hacienda by traveling east on Colima 1.2 mile± to its end: thence follow dirt rd. 800'± to a traveled track on the right: thence s/t 200'± to a gate: (L-key) pass thru and turn left and follow along fence 1200'± to old windmill: park and hike up ridge on east side of drain 500'± to point.

POINT PH No 16

A 3/4" Capped and drilled I.P. set flush on top of ridge.

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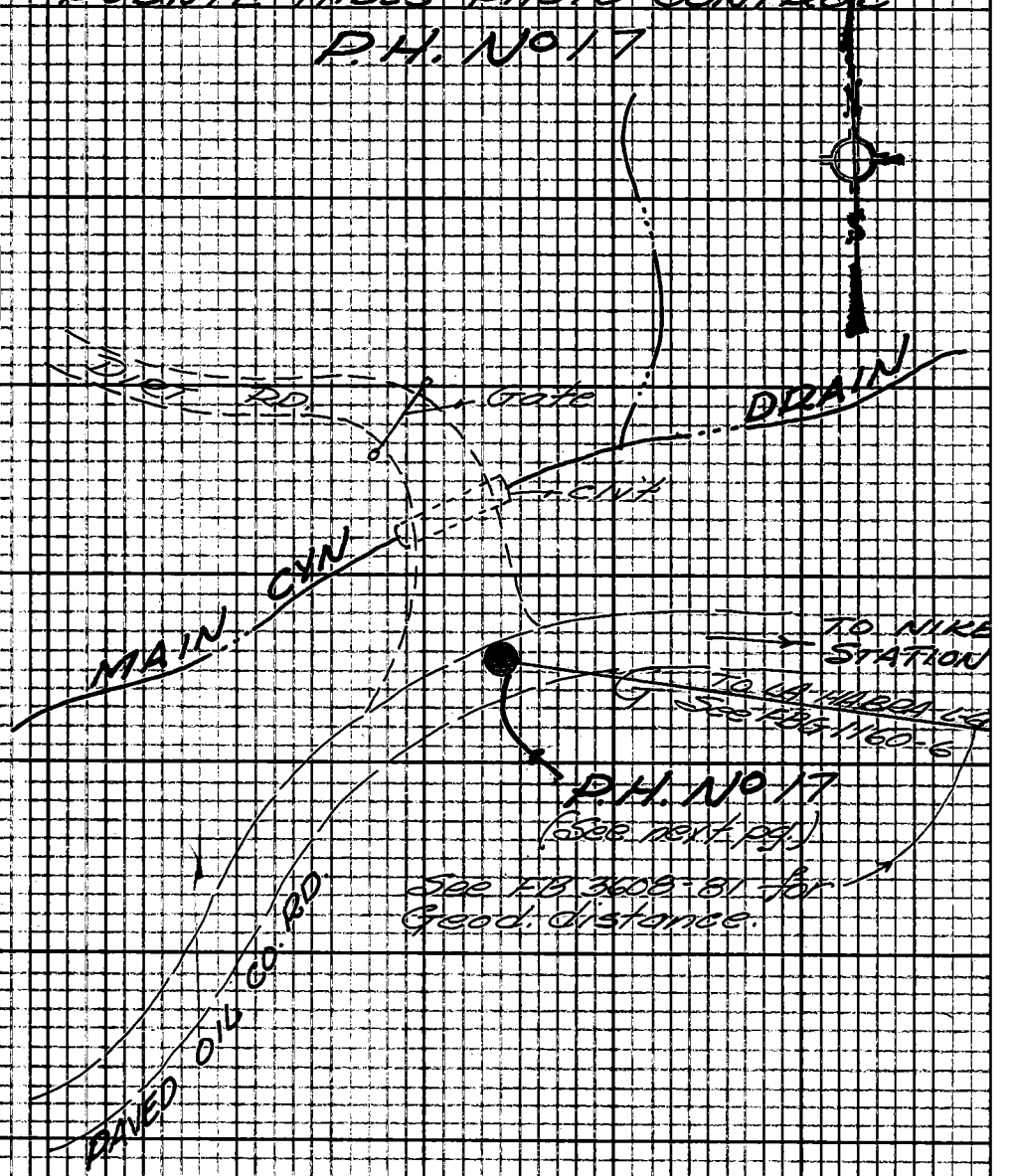
Note: Any Additions or Changes on Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.
This

Notes Ck'd by	Survey of Puente Hills Photo F.B. 2984 Pg. 215
Map No.	JN Tape Std °F
Office Work	Surveyed by RC Wilson
Checked	Notes RCW Date 1-4-66
Date	Indexed G. J. GALLI

PUENTE HILLS PHOTO CONTROL

P.H. No 17



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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 2984 PG 216

P.H. No 17

THIS PHOTO CONTROL POINT IS LOCATED in the Shell Oil Co. Fields in the Puente Hills area of L.A. County within the RINCON DE LA BREA RANCHO and may be reached from the intersection of Hwy 101 (Whittier Blvd) and Fullerton Rd. by traveling South on 101 3/4 mile ± to Central Ave. thence east on Central 1 3/4 mile ± to Site Drive: thence north 1.0 mile ± to the entrance to the Shell Oil fields: thence follow the main paved road (painted ℄) thru the oil fields 2.9 mile ± to a dirt rd. on the left. The point is set @ this junction in the paved rd.

POINT P.H. No 17

Set a lrg spk and washer 4' south of the north edge of pavement, flush.

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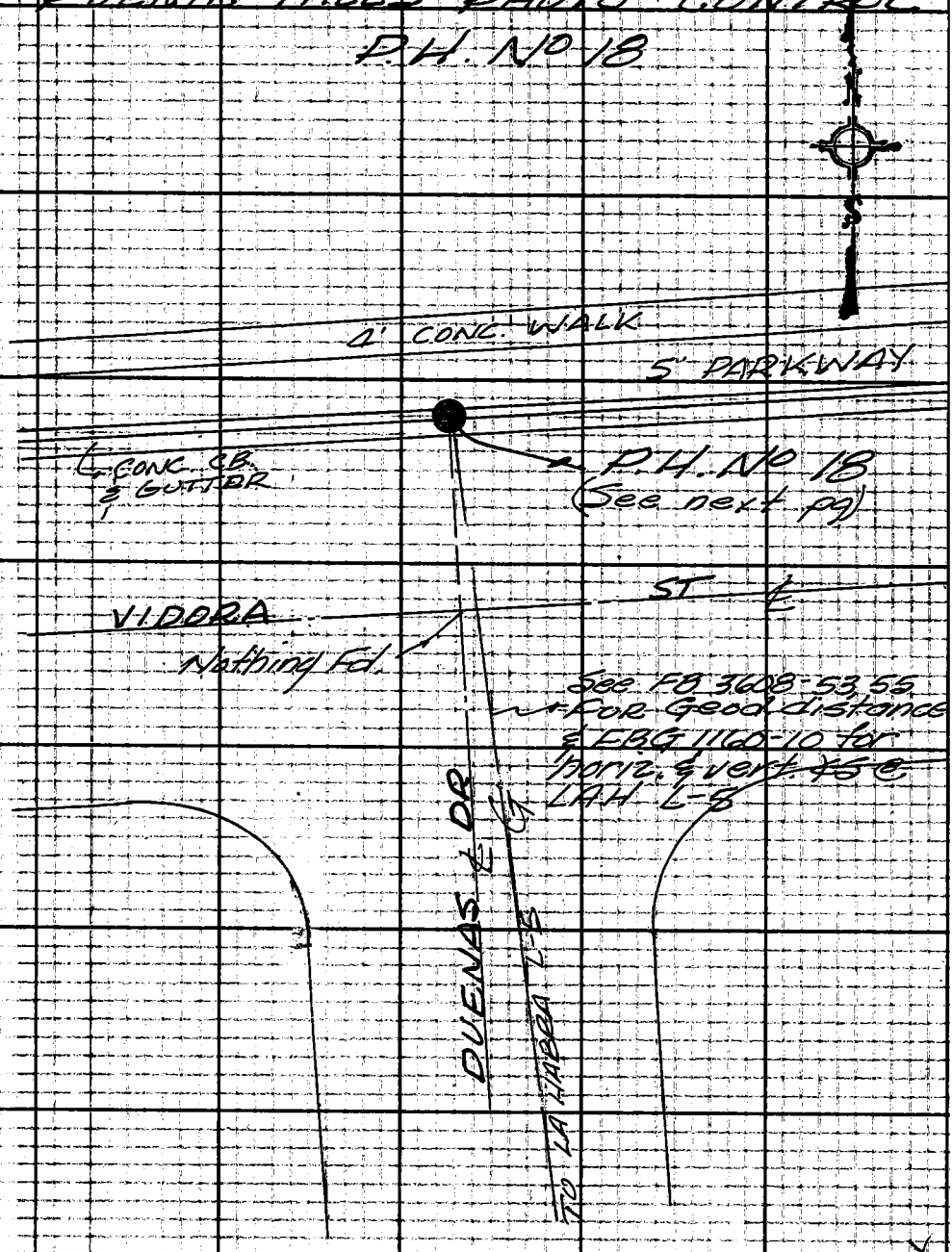
Notes Ck'd by	Survey of PH Photo	F. B. 2984 Pg. 217
Map No.	JN 0074.45 Tape Std °F	
Office Work	Surveyed by RCW	
Checked	Notes RCW Date 1-66	
Date	Indexed E. J. GALLI	

PUENTE HILLS PHOTO CONTROL

P.H. No 18



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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-62

F.B. 2984 PG. 218

P.H. No 18

THIS PHOTO CONTROL POINT IS LOCATED in the Puente Hills area of L.A. County, at the intersection of Vidora St. and Duenas Dr. and may be reached from 5th ave and Batson Ave by traveling South on Batson 0.35 mile to Vidora St; Thence 1st (East) on Vidora 400'± to Duenas The point is on the north end of Vidora on the E. prod. of Duenas Dr.

POINT P.H. No 18

Fd. L.S. 2631 set in lead in 6" high conc. curb on E. prod. of Duenas Drive

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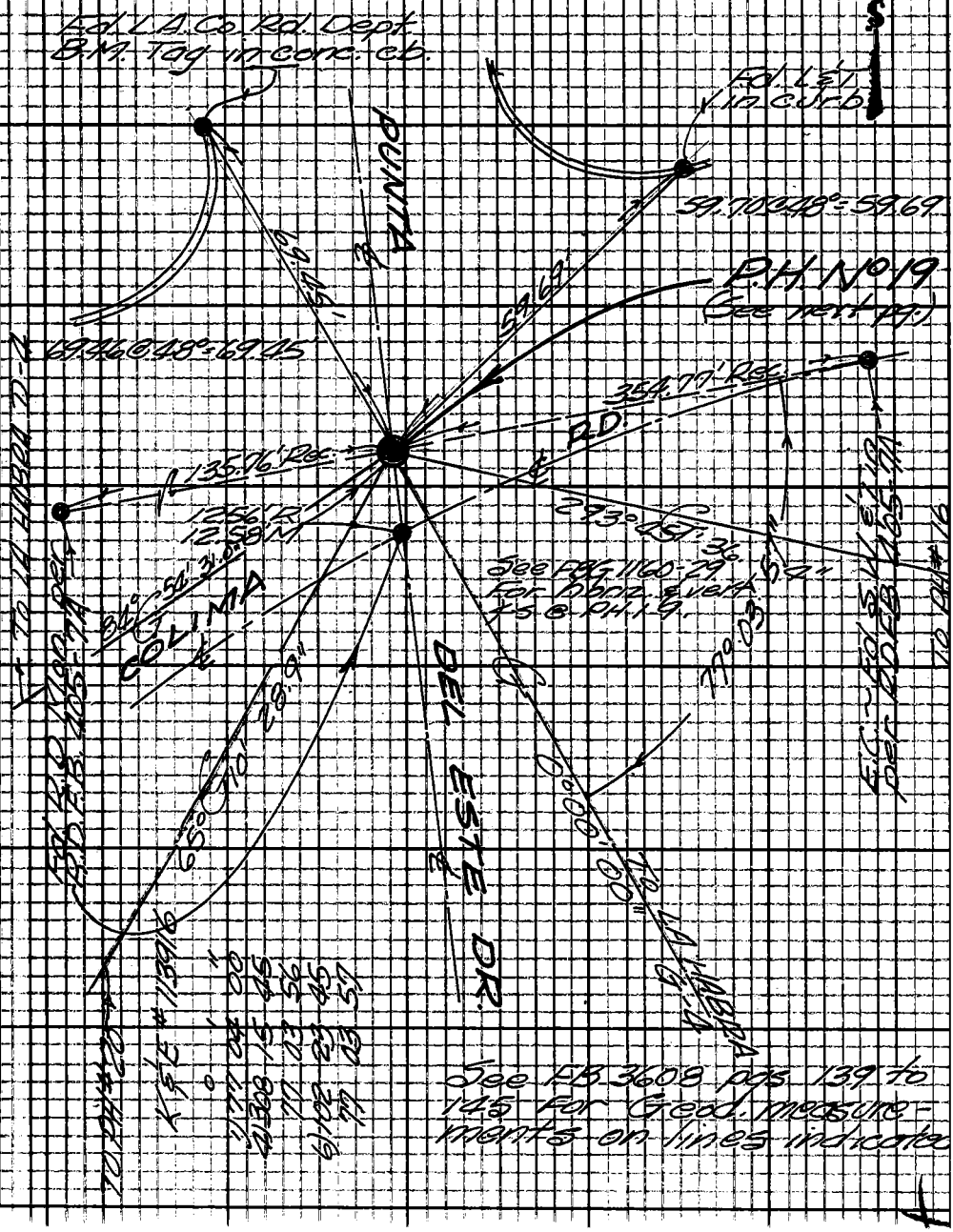
Notes Ck'd by		Survey of Puente Photo	F.B. 2984 PG. 219
Map No.		JN Tape Std °F	
Office Work		Surveyed by RCWilson	
Checked		Notes RCW Date 1-10-66	
Date		Indexed C J CALLE	

PUENTE HILLS PHOTO CONTROL

P.H. No 19



See FB 3608 pgs. 139 to 145 for Geod. measurements on lines indicated

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

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76F309S C.E. #310 6-62

F. B. 2984 PG 220

P.H. No 19

THIS PHOTO CONTROL POINT IS LOCATED in the puente Hills Area of L.A. County at the intersection of Colima Rd. and Punta Del Este Drive and may be reached from the intersection of Colima Rd. and Hacienda by traveling east on Colima 1.2 mile +- to Punta Del Este.

POINT PH No 19

Fd a SWET on the semi-tangent of Colima Rd at its intersection with the ℄ of Punta Del Este Dr. per L.A. Co. Rd. Dept. F.B. 405, page 7-A.

PLEASE RETURN TO
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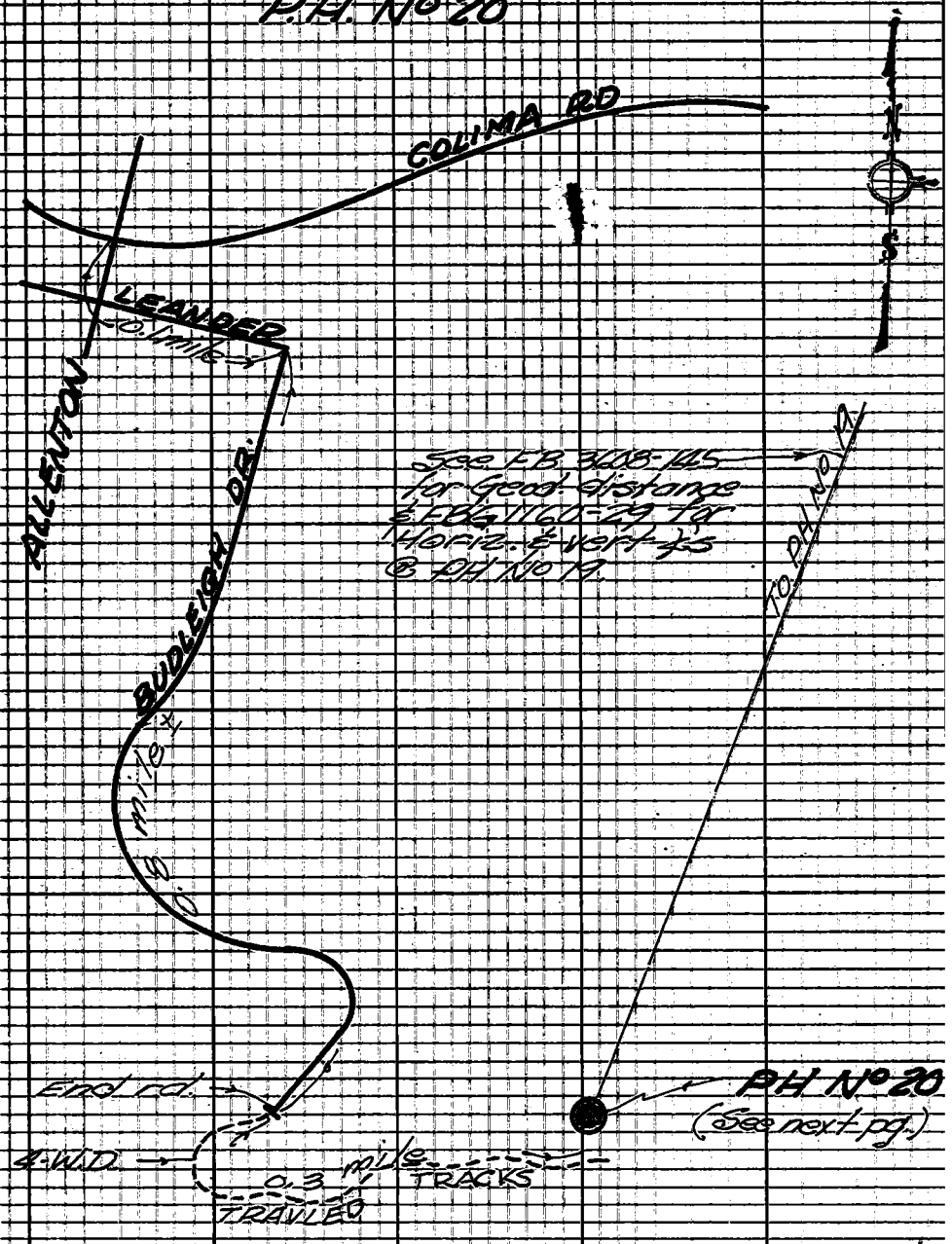
Notes Ck'd by	Survey of PH PHOTO	F. B. 2984 PG. 221
Map No.	J.N. 0014.33 Tape Std. °F	
Office Work	Surveyed by RE Wilson	
Checked	Notes RCW Date 1-66	
Date	Indexed J. GALLI	

PUENTE HILLS PHOTO CONTROL

P.H. No 20



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3096 CE#310 1-65

F.B. 2994 Pg. 222

P.H. No 20

This photo control pt. is located in the Puente Hills area of L.A. County. S 60° E ± 5000' ± from the intersection of Hacienda & Colima Rd and may be reached from Colima Rd and Alleyton as indicated.

POINT P.H. No 20: Fd 2" I.P. Conc. plug, L.A. Co. Eng. Tag & washer stamped: "1-H5" in conc. flush set by G.E. Dreier 5-19-65.

NO OR 16 NOTES

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Notes Ck'd by	Survey of Puente Hills Photo F.B. 2984 PG. 223
Map No.	JN Tape Std °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes RCW Date 1-11-66
Date	Indexed C. J. GALLO FEB 24 68

PUENTE HILLS PHOTO CONTROL

"P-No 17"
(Per FB 2984-60)

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

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76F309S CE #310 6-62

F.B. 2984 PG 224

"D" NO 17

THIS PHOTO CONTROL POINT IS LOCATED in the Puente Hills area of L.A. County on the Rincon De La Brea Rancho 4400'± north of the County line and N 45° W 4800'± FROM Brea Cyn Rd and may be reached from the intersection of Brea Cyn Cutoff and Brea Cyn Rd by traveling S.W. on Brea Cyn Rd 1.2 mile± to a gate on the right (L-key) pass thru and turn left and follow traveled track 1.0 mile to top and rd. junction: turn right and follow traveled track down grade 0.5 mile to rd. junction: turn left and travel 0.1 mile to point (A 5' 2" marker pipe is at the point 3' W'ly.)

POINT "D" NO 17
A 3" brass cap on a 2½" I.P. set in 6" C.I.P. filled with conc. (10" up) and stamped "ANGLE PT B-21 BETWEEN YBARRA & MENCHEGO JAT. 1931."

Unadj. elev = 959.283
FB 2984-125

PLEASE RETURN TO: LOS ANGELES COUNTY ENGINEER
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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 Ckd by	Survey Puente Hill Photo	F. B. 2984 Pg. 225
Map No.	J.N. Tape Std. °F	
Office Work	Surveyed by R.C. Wilson	
Checked	Notes RCW Date 1-13-66	
Date	Indexed C. J. GALLI	

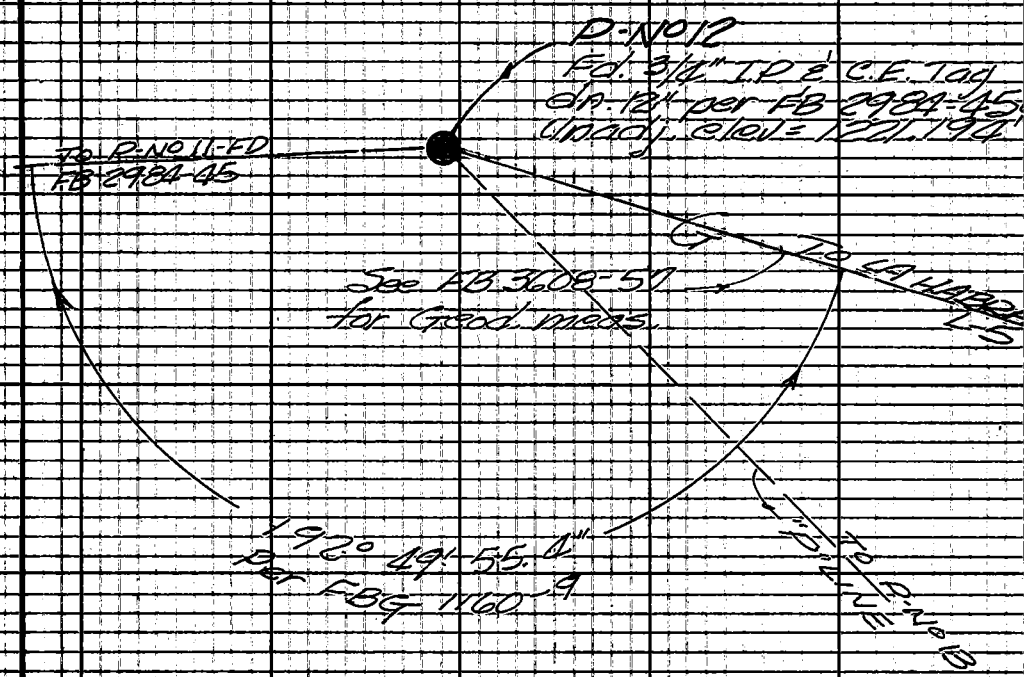
PUENTE HILLS PHOTO CONTROL

"P-No 12"

(PROPOSED SKYLINE DR. "P" LINE)

FB 2984-45

Connection to Skyline Dr. "P" Line From Traverse station LA HABRA L-5



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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 1-65

Profile No. | Notes Red | Plotted | Job No. | Division No. | F.B. 2984 Pg. 27
Date | Date | Survey of
X-Sec. No. | Notes Chkd. | Checked | Survey by | Notes | Date 12-28-65
Date | Date | Map No. | Indexed E. J. GALLE | Date FEB 2 4 '66

SKYLINE DRIVE

007433

BENCH LEVELS ALONG COLIMA RD. FROM HACIENDA BLVD TO PUNTA DEL ESTE DR.

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

FULTON
RANDALL
~~MARTINEZ~~
TULLIER
MANLEY

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.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
P				565.192	SEE PG. 6	
	8.555	573.747				
P			0.708	573.039		
	9.734	582.773				
P			0.102	582.671		
	10.717	593.388				
P			0.233	593.155		
	10.303	603.458				
P			1.207	602.251		
	9.662	611.913				
P. E.C.			0.178	611.735	E.C. = 146+15.29	
	8.803	620.538			FD. SPK. WASHER & TIN FLUSH IN CENTER DIVIDER OF COLIMA RD. 400'± WEST OF ALLENTON AVE PER R.D. F.B. 403-31A	
P			1.731	618.807		
	8.538	627.345				
PAVEMENT OF WELL COVER			1.953	625.39		
P. B.C.			2.568	624.777	B.C. = 150+09.53 FD. R.D. BRASS CAP MON. "L.A. CO. ROAD DEPT 1964" IN WELL, STAMPED PER R.D. F.B. 403-32A	
	11.888	636.665			℄ COLIMA RD 8.91 FEET WEST OF ALLENTON AVE.	
P			0.303	636.362		
	10.428	646.790				
P			1.162	645.628		

Profile Notes Red ____ Plotted ____ Job No. 007433 Division No. 11 F.B. 2984 Pg. 29
No. ____ Date ____ Date ____ Survey of SKYLINE DRIVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by FULTON Notes JP Date 12-28-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date FEB 2 1 '66

76-L-298 CE 307 2-63

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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.

Job No. 0074.45 Division No. 11 Notes Red ___ Date ___ Plotted ___ Date ___ Profile No. ___ X-Sec. No. ___

Survey of SKYLINE DRIVE Notes T.F. Notes Chkd. ___ Checked ___ Date ___

Survey by FULTON Notes C. J. GALLI Indexed ___ Date ___

STATION	B. S.	H. I.	F. S.	ELEV.	
P				645.628	SEE PG. 1
	7.001	652.629			
P			5.038	647.591	
	4.473	652.064			
P			6.874	645.190	
	2.498	647.688			
TOP WELL COVER			7.98	639.71	
MON. @ 1/3 A (161+19.43)			8.666	639.022	FD L.A.CO. ROAD DEPT BR CAP MON. IN WELL STAMPED "L.A.Co. ROAD DEPT 1965" IN CENTER DIVIDER OF COLIMA RD. 1100 FEET WEST OF STIMSON AVE. R.D.E.B. 403 - 33A
	1.661	640.683			
P			9.871	630.812	
	0.081	630.893			
P			10.417	620.476	
	0.257	620.733			
P			9.339	611.394	
	1.395	612.789			
P			7.841	604.948	
	3.095	608.043			
L & TAG			7.256	600.787	FD. RD. DEPT. BRASS TAG & NAIL IN LEAD, SET FLUSH IN CONC. ROADWAY & INT. COLIMA DR. & STIMSON AVE.
A	4.437	605.224			
T.P.			6.377	598.847	
A	4.184	603.031			

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM		603 031			SEE PG. 0
T.P.			5 868	597 163	
BM	5 068	602 231			
T.P.			2 293	599 938	
BM	8 318	608 256			
T.P.			1 153	607 103	
BM	9 215	616 318			
T.P.			0 748	615 570	
BM	9 084	624 654			
T.P.			1 842	622 812	
BM	7 826	630 638			
T.P.			3 084	627 554	
BM	6 080	633 634			
T.P.			4 803	628 831	
BM	3 864	632 695			
TOP OF WELL COVER			5 02	627 67	NOT A T.P.
T.B.M.			5 612	627 083	FD. RD. DEPT. BRASS CAP MON. (IN WELL & COVER) @ INT. COLIMA DR. & PUNTA DEL ESTE DR. PER ROAD DEPT F.B. 403-7A
BM	6 218	633 301			
T.P.			4 734	628 567	
BM	4 075	632 642			
T.P.			6 518	626 124	

Profile Notes Red Plotted Job No. 0074.45 Division No.
No. Date Date Survey of SKYLINE DRIVE
X-Sec. Notes Chkd Checked Survey by FULTON Notes J.G.L.
No. Date Date Map No. Indexed C. J. GALL Date 30-DEC-65

F.B. 7892 Pg. 23

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
				626.124	SEE PG. c	
⊼	3.042	629.166				
T.B.M.			7.773	621.393	F.D. B.S.W.&T., L.A.CO. RD. DEPT. STAMPED ON WASHER. B.C. 186+20.62 E. PER ROAD DEPT F.B. 403-7 625' ± WEST OF INT. OF COLIMA DR. & PUNTA DEL ESTE DR.	
⊼	1.903	623.296				
T.P.			8.861	614.435		
⊼	0.521	614.956				
T.P.			9.804	605.152		
⊼	1.085	606.237				
T.B.M.			5.445	600.792	FD. RD. DEPT. BRASS TAG & NAIL IN LEAD. SET FLUSH IN CONC. ROADWAY. ℄ INT COLIMA DRIVE & STIMSON AVE.	SEE PG d
⊼	12.165	612.957				
T.P.			1.570	611.387		
⊼	11.842	623.229				
T.P.			0.330	622.899		
⊼	12.301	635.200				
T.P.			0.056	635.144		
⊼	7.430	642.574				
TOP WELL COVER			2.918	639.656		
⊼	12.312	651.968				
T.P.			9.300	642.668		
⊼	0.215	642.883				
			10.760	632.123		

F.B. 2994 Pg. 232
Job No. 007445 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of SKYLINE DRIVE Date ____ Date ____ No. ____
Survey by FULTON Notes J.G.R. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
				632.123	SEE PG. F	
⊼	0.781	632.904				
T.P.			7.612	625.292		
⊼	0.090	625.382				
T.P.			9.885	615.497		
⊼	1.366	616.863				
T.P.			11.738	605.125		
⊼	0.199	605.324				
T.P.			12.265	593.059		
⊼	0.470	593.529				
T.P.			11.960	581.569		
⊼	0.500	582.069				
T.P.			12.148	569.921		
⊼	0.805	570.726				
T.P.			11.506	559.220		
⊼	1.896	561.116				
B.M. 38-8A			7.317	553.799	SEE PG. 6 (THIS RUN) 1963 ADJ. ELEV. = 553.910	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0074.45 Division No. ____ F.B. 2984 PG. 9 233

X-Sec. No. ____ Date ____ Date ____ Survey of SKY LINE DRIVE

Notes Chkd. ____ Checked ____ Survey by FULTON Notes JGR Date 30-DEC-65

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

F.B. 2984 PG. 234 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

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

75-L-286 CE 307 2-63

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Notes Ck'd by	Survey of PATHFINDER ROAD
Map No.	UN 0074.45 Tape 108 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 12-12-66
Date	Indexed C. J. GALLI DEC 21 '66

F. B. 2984 PG. 235

CONTROL POINT

TO CHECK

TOPOGRAPHIC MAP

SHEET 12

PATHFINDER ROAD

J.H. 0074.45

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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76F3098 CE # 310 3-61

F.B. 2984 PG. 236

BASE LINE

T-64° = -0.01 70.68 @ 8°-02' = 69.99
70.53 @ 7°-04' = 69.99 = 69.98

T-68° = -0.03 299.24 @ 17°-01 = 286.14
299.44 @ 17°-09' = 286.13 = 286.10

T-66° = -0.03 297.41 @ 4°-13' = 296.60
297.50 @ 4°-28' = 296.60 = 296.57

T-66° = -0.03 216.51 @ 10°-12' = 213.09
216.73 @ 10-30 = 213.10 = 213.06

T-66° = -0.01 62.36 LEV. = 62.35

928.06

N 4,104,421.53
E 4,305,202.22

PT. "A"
SET 1x2 & N.
ON SPUR.

R - @ G-4
H.I. = 4.55
VERT. ∠ = -8°-57 D
-8°-56' I
ROD @ PT. "A" = 3.08

R @ PT. "A"
H.I. = 4.71
VERT. ∠ = +8°-52' D
+8°-54' I
ROD @ G-4 = 5.63

26°-55'-50"

1960.92 CALC.

1478.96 CALC.

106°-52'-10"

46°-12'-00"

N 4,102,607.42
E 4,304,457.74

SET 1x2 & N.

BASE LN.
928.06

76°-42'-45"

G-4
FD. MON.
F.B. 696-127
N 4,102,947.37
E 4,305,321.30

8°-12'-00" (CALC.)

46°-12'-00 (1) 106°-52-00 (1)
184-48-00 (4) 67-28-30 (4)
277-12-00 (6) 281-13-00 (6)
46°-12'-00 (A) 106°-52-10 (A)

76°-42.45 (1) 26°-56'-00" (1)
306-51-00 (4) 107-43-30 (4)
100-16-30 (6) 161-35-00 (6)
76°-42'-45" (A) 26°-55-50 (A)

N 4,098,294.09
E 4,305,991.85

P.H.-11
FD. LG. BT.
SPK. W. BT.

F.B. 2984-203

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Notes Ck'd by	Survey of Pathfinder Road Photo
Map No.	JN 0074.45 Tape — Std — °F
Office Work	Surveyed by Wilson / Randall
Checked	Notes Date Feb Apr 69
Date	Indexed D.J. GALLI MAY 6 '69

F.B. 2984 PG. 237

PATHFINDER ROAD

PHOTO CONTROL

J.N. 0074.45

FEB. '69 & APR. '69

PARTY	PARTY
WILSON	RANDALL
ADAMS	PYLE
COCKERHAM	FISHER, D.
BARNETT	

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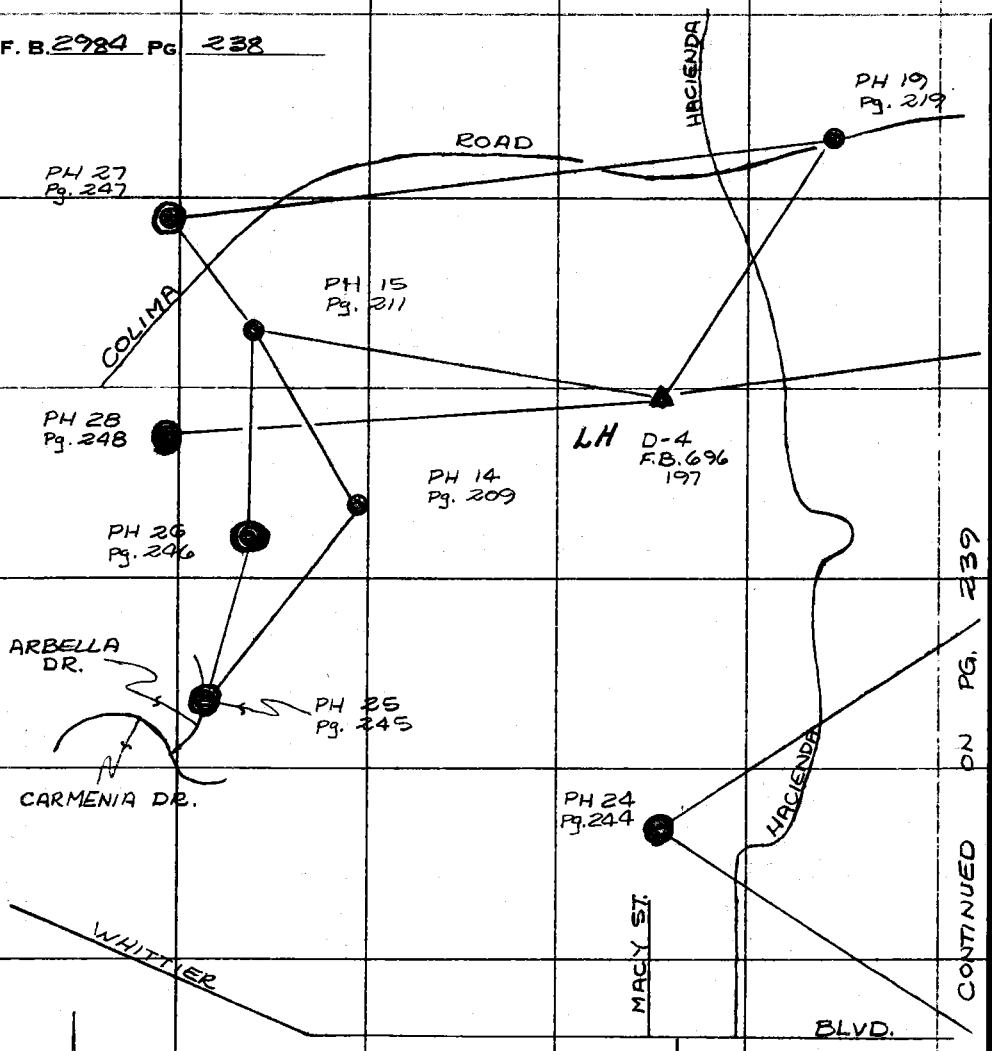
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 2984 PG 238



U.S.G.S. 7½ MIN. SHEET
"LA HABRA, CALIF."

CONTINUED ON PG. 239

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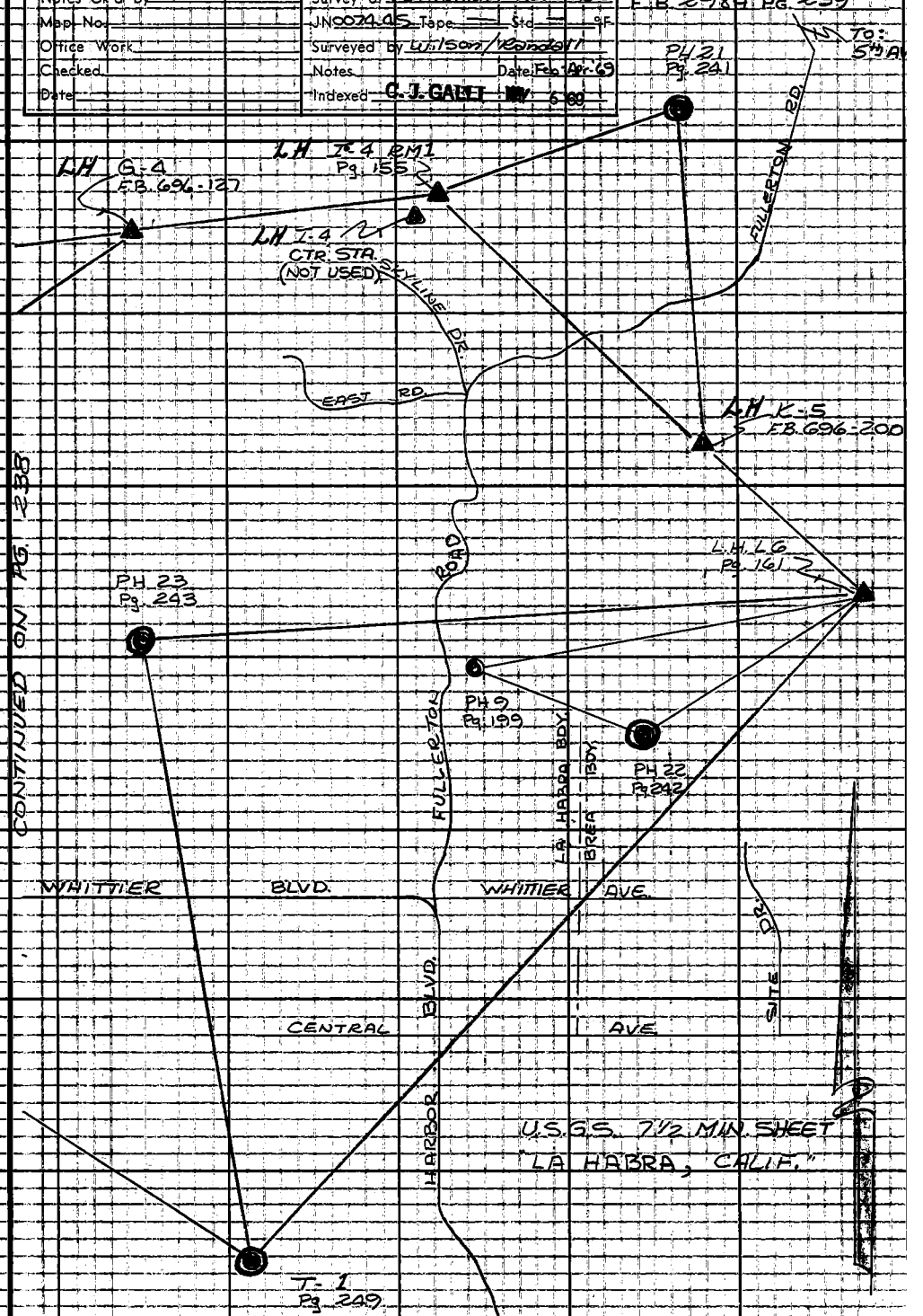
Notes Ck'd by	Survey of Pathfinder Rd. Photo
Map No.	JN0074.45 Tape — Std — °F
Office Work	Surveyed by Wilson/Randall
Checked	Notes Date Feb-Apr-69
Date	Indexed C. J. GALLI 6-69



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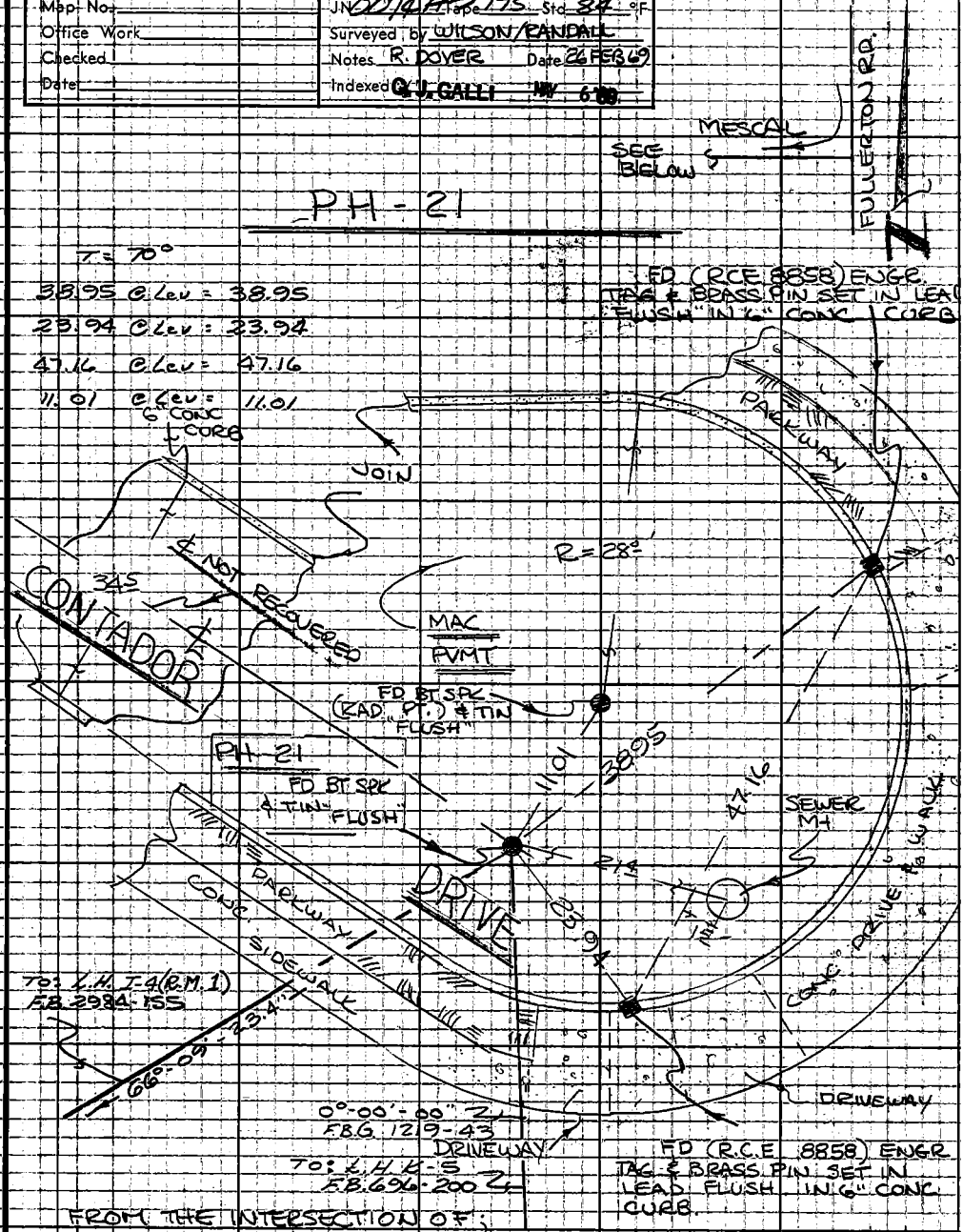
F. B. 2984 PG. 240

Notes Ck'd by	Survey of PUENTE HILLS
Map No.	JN 0074 A5 Tape 175 Std 84 °F
Office Work	Surveyed by WILSON/RANDALL
Checked	Notes R. DOVER Date 26 FEB 69
Date	Indexed Q.J. GALLI MAY 6 '69

F.B. 2984 PG. 241



FROM THE INTERSECTION OF;

FULLERTON ROAD & MESCAL, TURN RT ONTO MESCAL AND PROCEE UPGRADE ON MESCAL TO DONOSA DR. TURN LEFT, THENCE ON DONOSA DR. TO MATADOR DR. TURN RT., THENCE UPGRADE ON MATADOR DR TO SUMIT AND "T" INTER WITH CONTADOR DR. TURN RT., THENCE TO END OF CONTADOR DR AND STA. (SEE ABOV

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76F3095 CE#310 3-68

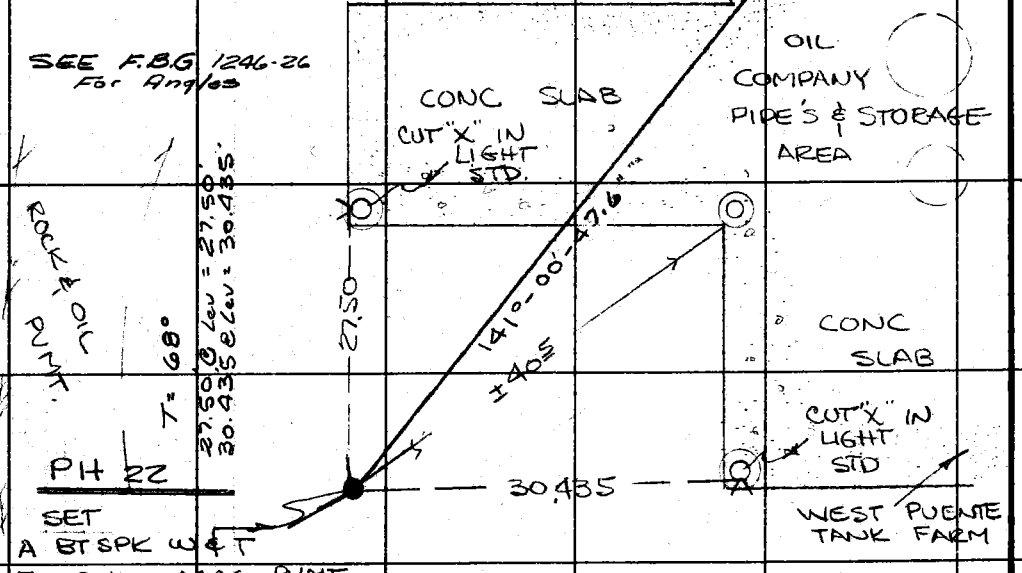
F. B. 2984 PG 292

PH 22

FROM THE INTERSECTION OF ⊛CENTRAL & SITE DR. TURN LEFT (NORTH) UPGRADE ONTO SITE DR AND TRAVEL 0.5 MI TO A "Y" FORK, KEEP LEFT AND LEVEL TRAVELING ON OIL COMPANY ROAD 0.5 MI. TO LOCKED ~~OIL COMPANY~~ GATE. ON SUMMIT ("L" KEY) PASS THRU GATE AND TRAVEL DOWNGRADE (EASTLY) TO AN "H" SHAPED INTERSECTION TURN 180° TO THE LEFT AND TRAVEL 1.0 MI. DOWNGRADE (WEST) TO STATION (STATION IS BETWEEN OK WELL # 14, # 29)

TO L-6
F.B. 2984 - 161

SEE F.B.G. 1246-26
For Angles



SHELL OIL CO

OIL WELL PUENTE C-14

OIL WELL PUENTE C-29

⊛ NOTE "CENTRAL" IS NAMED "LA HABRA" IN FULLERTON

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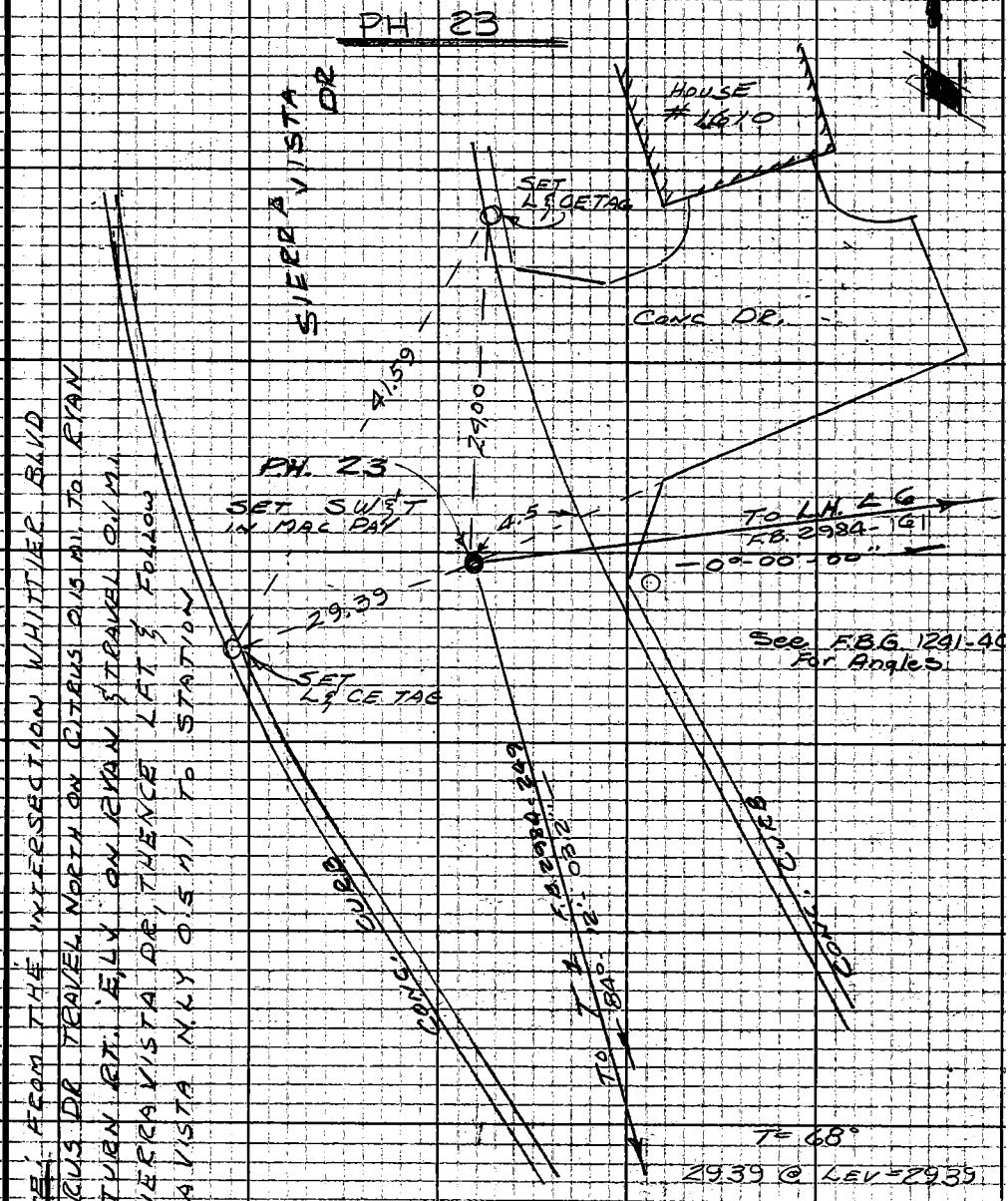
Notes Ck'd by	Survey of PUENTE HILLS
Map No.	JN 00A46 Tape Std °F
Office Work	Surveyed by R. WILSON J. RANDALL
Checked	Notes ADAMS, DOVER Date 2-27-69
Date	Indexed C. J. GALLI NOV 6 '69

F. B. 2984 PG. 243



ROUTE: FROM THE INTERSECTION WHITTIER BLVD & CITRUS DR TRAVEL NORTH ON CITRUS 0.15 MI. TO RYAN AVE, TURN RT. E, LV ON RYAN & TRAVEL 0.1 MI. TO SIERRA VISTA DR, THENCE LFT & FOLLOW SIERRA VISTA N.LY 0.5 MI TO STATION

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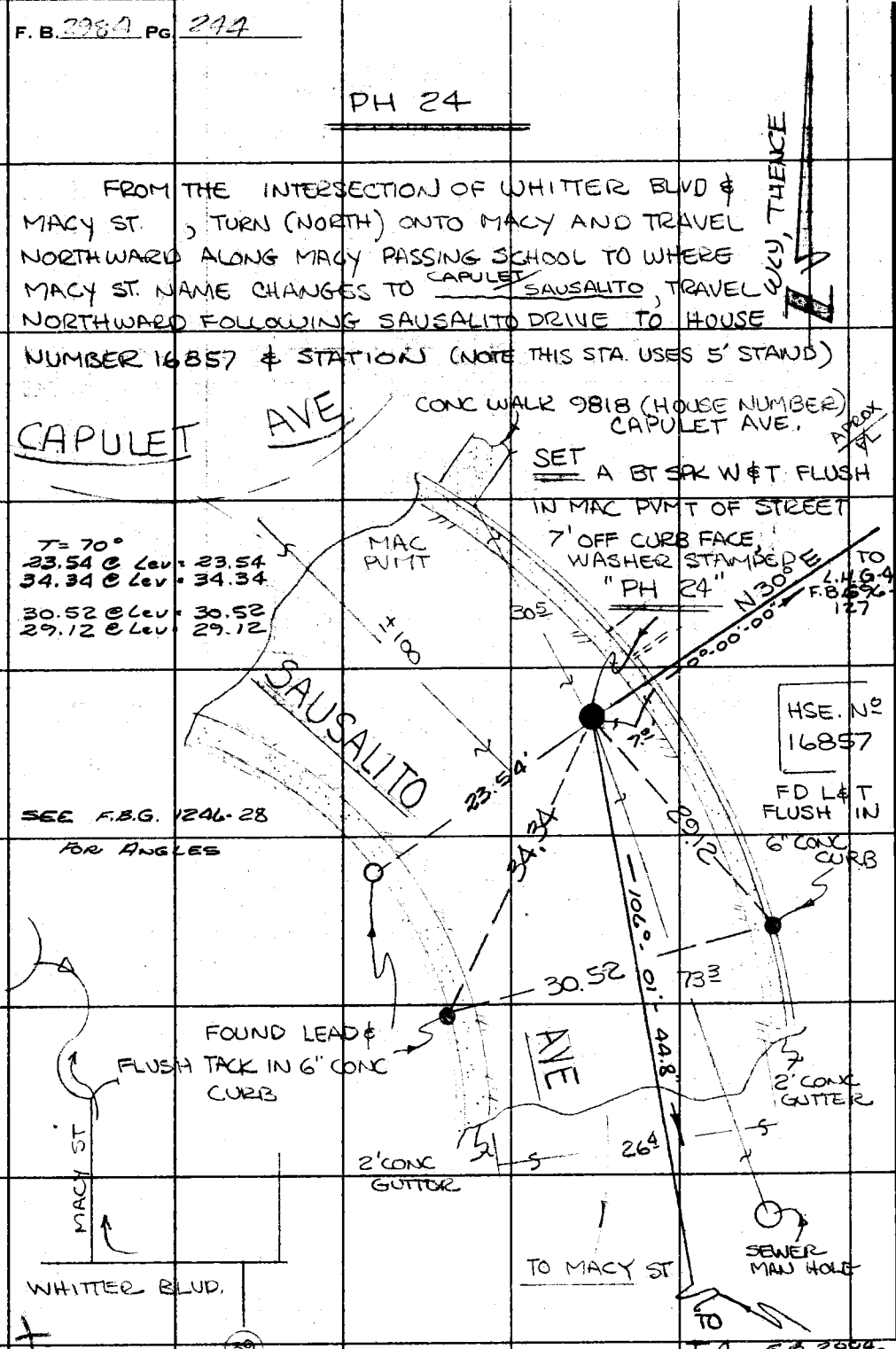
76F309S CE#310 3-68

F. B. 2984 PG. 244

PH 24

FROM THE INTERSECTION OF WHITTER BLVD & MACY ST. , TURN (NORTH) ONTO MACY AND TRAVEL NORTHWARD ALONG MACY PASSING SCHOOL TO WHERE MACY ST. NAME CHANGES TO ~~CAPULET~~ SAUSALITO, TRAVEL NORTHWARD FOLLOWING SAUSALITO DRIVE TO HOUSE NUMBER 16857 & STATION (NOTE THIS STA. USES 5' STAND)



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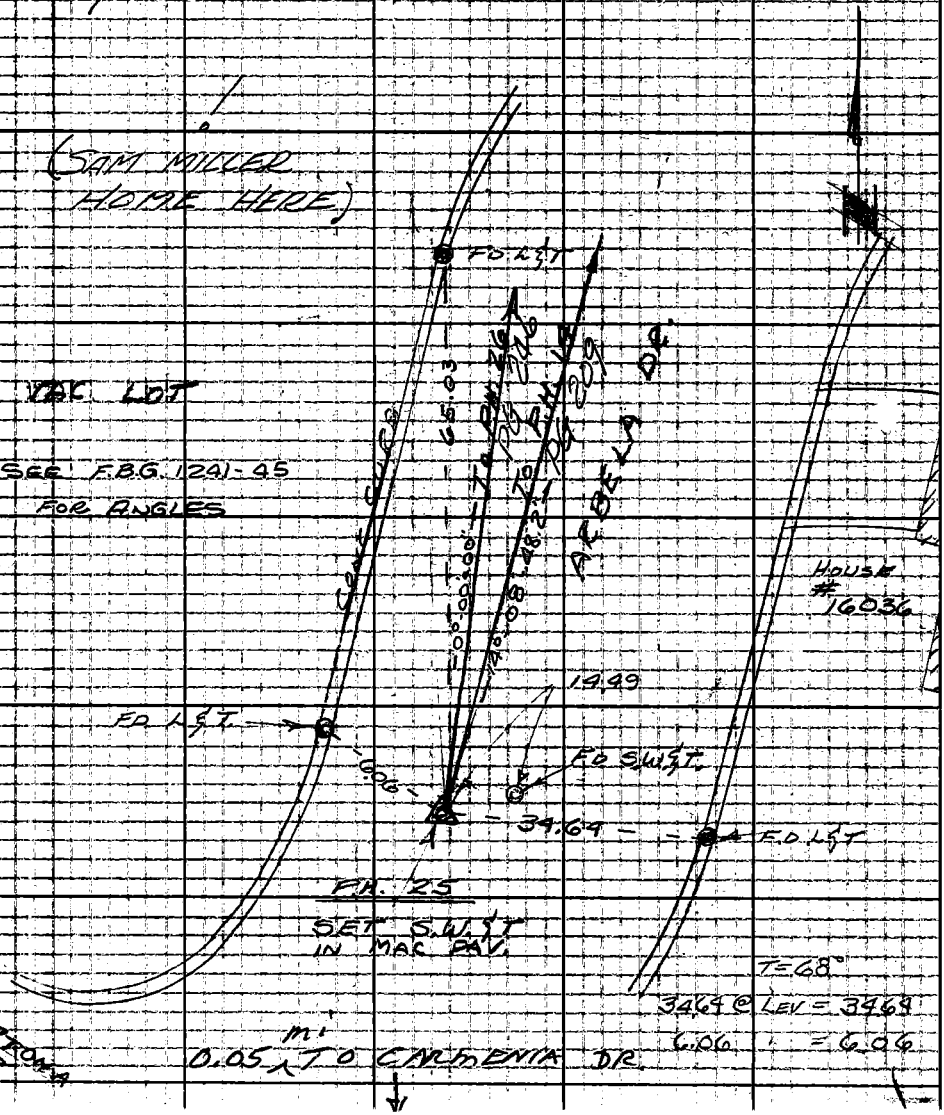
Notes Ck'd by	Survey of PUENTE HILLS
Map No.	JN 0074.45 Tape Std °F
Office Work	Surveyed by R. WILSON
Checked	Notes ADAMS Date 2-27-69
Date	Indexed D.J. GALLI NW 6'69

F.B. 2984 PG. 245

P.H. 25

ROUTE: FROM THE INTERSECTION OF WHITTIER BLVD & LA SERNA DR, TRAVEL N.LY ON LA SERNA 0.45 MI. TO CONDESA DR, TURN RT & GO 0.1 MI. TO LA ALBA DR. THENCE LFT & 0.4 MI TO CARMENIA DR. THENCE LFT. & 0.2 MI. TO ARBELA DR, THENCE LFT & 0.05 MI TO STATION



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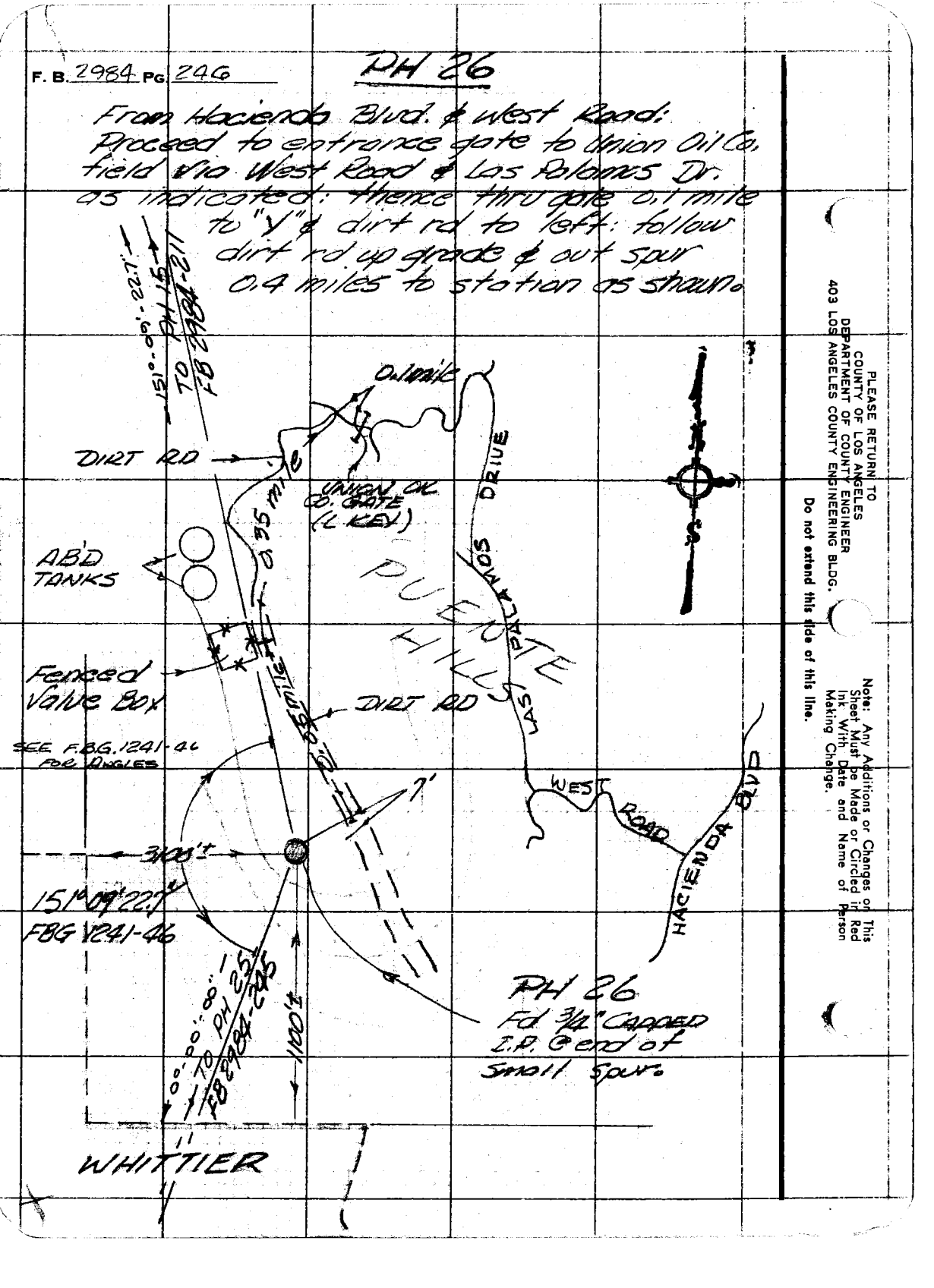
Effen 550

76F309S CE#310 3-68

F. B. 2984 PG. 246

PH 26

From Hacienda Blvd. & West Road: Proceed to entrance gate to Union Oil Co. field via West Road & Las Palomas Dr. as indicated: thence thru gate 0.1 mile to "Y" & dirt rd to left: follow dirt rd up grade & out spur 0.4 miles to station as shown.



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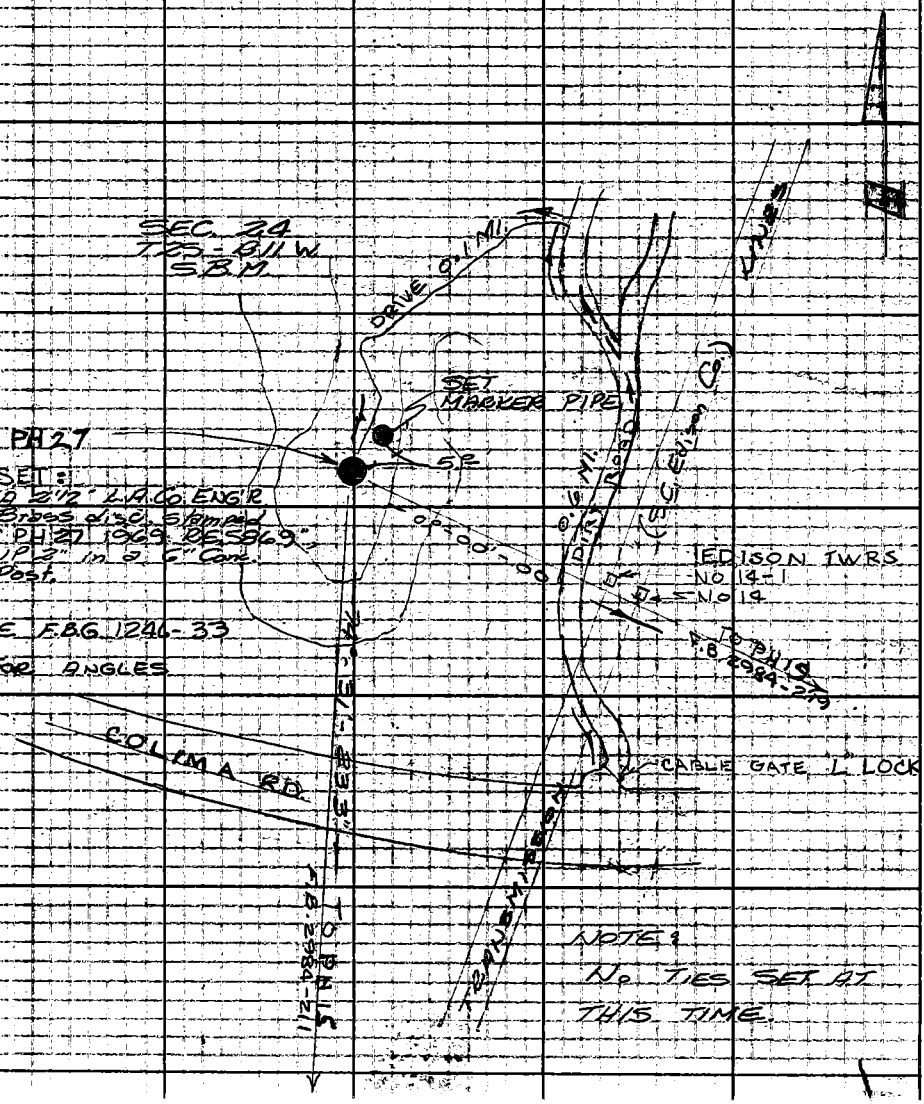
Notes Ck'd by	Survey of Path Finder Road
Map No.	JN 0074 45 Tape — Std — °F
Office Work	Surveyed by Wilson / Randall
Checked	Notes CAP / JGR Date March-69
Date	Indexed D.L. GALLI NOV 6 69

F.B. 2984 PG. 249

PH 27

ROUTE: FROM THE INTERSECTION OF HACIENDA BLVD & COLIMA RD. TRAVEL W.LY 0.7 MI TO A CABLE GATE ON THE RHT(N) FOLLOW A DIRT ROAD 0.6 MI N.W.LY. LEAVE THE RD AND TRAVEL 0.1 MI SW.LY DOWN A RIDGE TO THE STATION - 1700'± E & 600'± N. OF S.W. COR. SEC 24 T2S R11W



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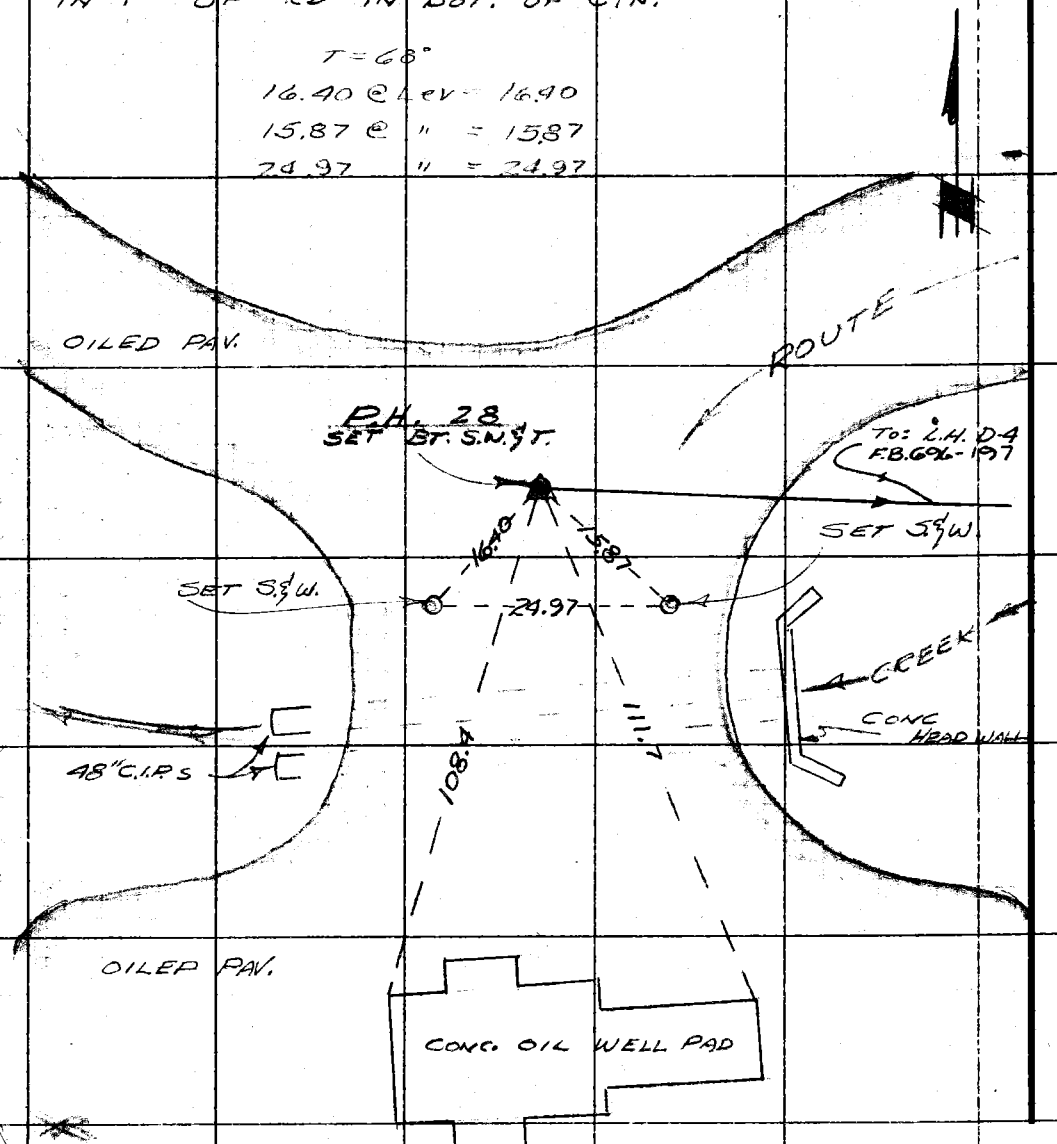
26F309S CE#310 3-68

F. B. 7990 PG. 248

P.H. 28

ROUTE: FROM THE INTERSECTION OF COLIMA RD & HACIENDA BLVD, FOLLOW HACIENDA 2.4 MI S'LY TO WEST RD. TURN RT "W'LY" & GO 1.5 MI TO LAS PALOMAS DR, TURN RT "N.W'LY" & GO 1.3 MI TO SHARP BEND IN RD, GO THRU IRON PIPE GATE ON RT (USE "L" KEY) & FOLLOW OILED RD, DN HILL, 0.3 MI TO "Y", KEEP LFT & FOLLOW RD 0.4 MI. TO STATION IN "Y" OF RD IN BOT. OF CYN.

T = 68°
16.40 @ Lev = 16.90
15.87 @ " = 15.87
24.97 " = 24.97



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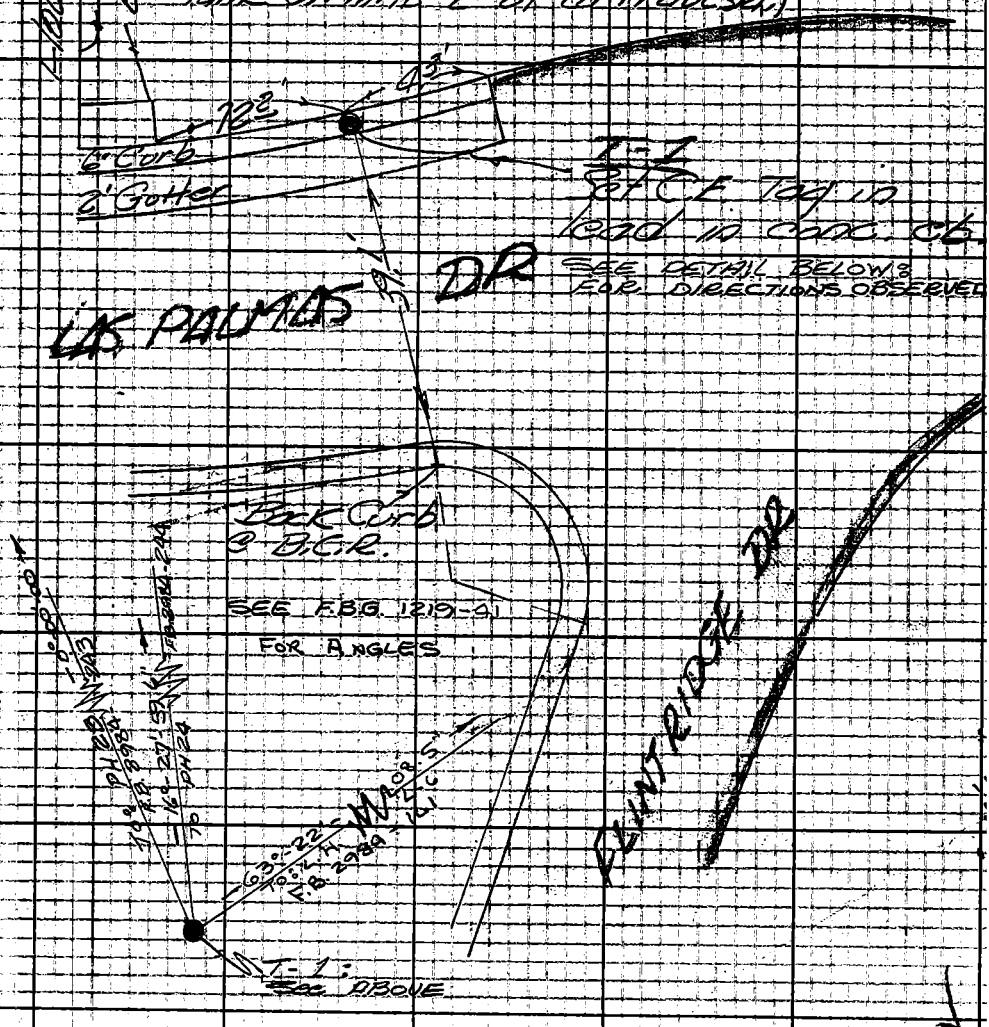
Notes Ck'd by	Survey of Pathfinder Photo F.B. 2984 Pg 349
Map No.	JN 00M.45 Tape Std °F
Office Work	Surveyed by RWJ JR
Checked	Notes RW Date 2-28-69
Date	Indexed C.J. GALLI 4/ 5 69

FROM THE INTER. OF IMPERIAL HWY & EUCLID AVE: (CITY OF LA HABRA - ORANGE COUNTY)

Travel sly on Euclid, upgrade 0.6m to Country Hills DR. - turn rt (E) 200'± to La Travesta DR - thence rt (S) 0.2m to Las Palmas Dr - thence lft (E) 0.3m to the sta. on the lft., 50'± W of Flintridge Drive. (Pass lrg. wtr tank 0.1 mile E of La Travesia.)



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46F3095 CE#310 3-68

6F309S CE#310 3-69

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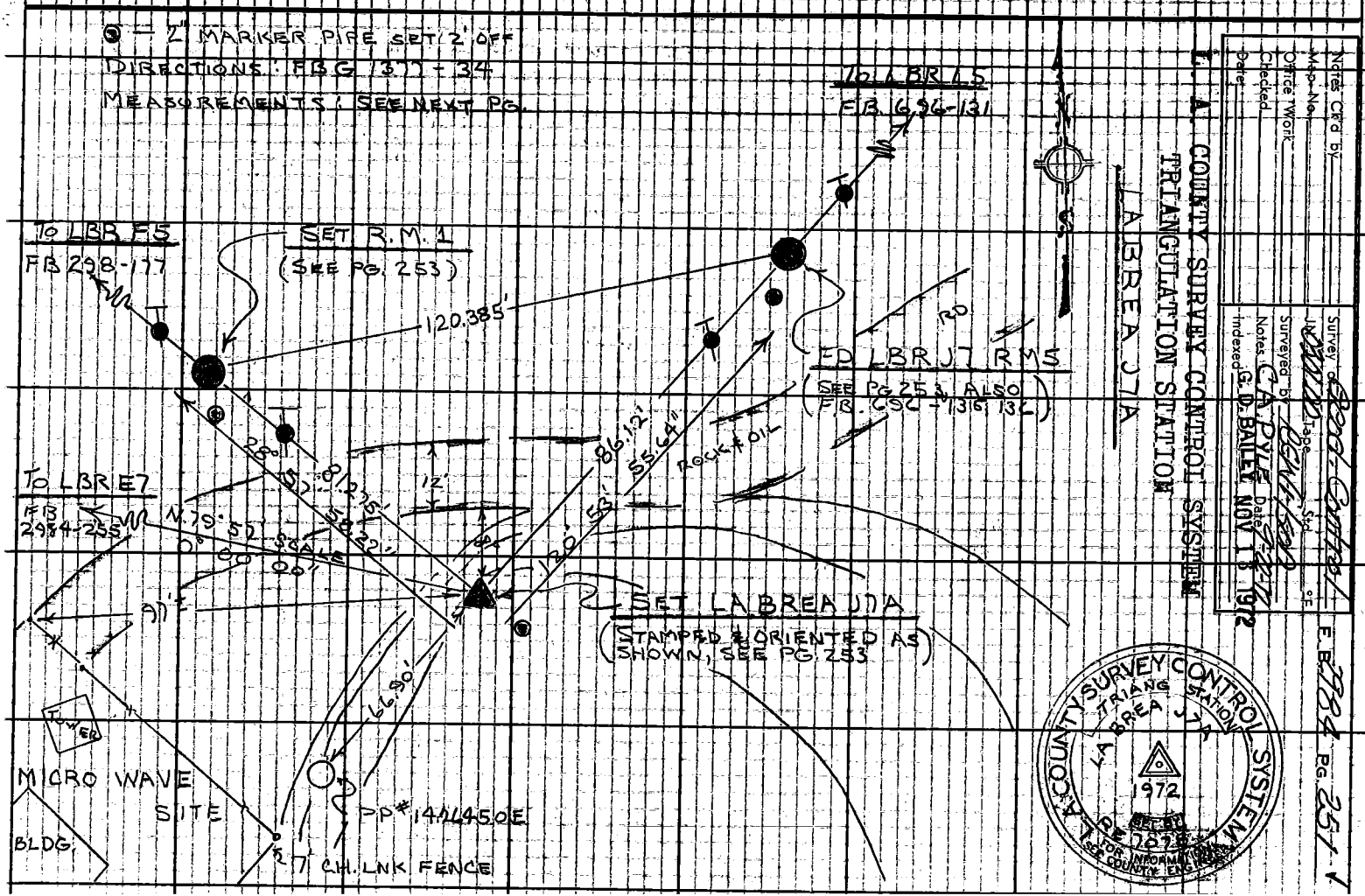

F. B. 2984 PG. 252 L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LA BREA J7A

50 MTR. M3 MEASUREMENTS 300' TAPE * 139

LEVEL @ 94°

24.771 M =	24.774 M = 81.28'	81.26' = 81.27'
26.247 M =	26.250 M = 86.12'	86.105' = 86.115'
36.694 M =	36.697 M = 120.396'	120.365' = 120.375'

AREA

THIS TRIANGULATION STA. IS IN ORANGE CO., IN THE VICINITY OF "TONNER CYN.", AMONG THE "CHINO HILLS". IT IS 1200' ± S & 1500' ± W OF THE S.E. COR. OF SEC. 33 T. 2 S./T. 3 S. (LA.\ORANGE CO. BDRY LN.) R. 9 W. ATOP HILL 1445, 100' ± EAST OF A MICRO WAVE STA. SEE U.S.G.S. 7.5' SHEET "YORBA LINDA, CALIF." QUAD. 1964.

ROUTE

FROM ITS INTER WITH "BREA CYN RD." TRAVEL S. ELY. ON "TONNER CYN." 0.10 MILE TO THE "ORANGE FWY." (HWY. 57) PASS UNDER AND PROCEED THROUGH THE "MOBIL" OILFIELDS 1.3 MILES TO A CATTLE-GUARD, CROSS AND CONTINUE 0.4 MILE TO A SECOND CATTLE-GUARD, CROSS AND PASS THROUGH A GATE IN A CHAIN LINK FENCE (CLOSES AT 8:00 P.M., L-LOCK) ENTRANCE TO THE "FIRESTONE SCOUT RESERVATION", THENCE 1.0 MILE TO GATE-WAY ON THE RIGHT (EAST) ENTRANCE TO "L.A. TIMES TRAINING CENTER". PASS THROUGH AND ASCEND 1.8 MILES TO THE CENTER SITE AND A FIRE ROAD GATE AT THE ELY EDGE OF THE PARKING AREA. PASS THROUGH GATE (L-LOCK) AND ASCEND 0.60 MILE TO A JUNCTION WITH FIRE-ROAD AT TOP OF RIDGE. BEAR LEFT (NLY.) 0.30 MILE TO A ROAD ON THE RIGHT (SOUTH) FOLLOW THIS 200' ± TO A GATE IN THE FENCE LINE (L-LOCK) AT THE LA\ORANGE CO. BDRY. LINE. PASS THROUGH AND PROCEED 0.20 MILE TO A JUNCTION WITH AN OILED ROCK RD. TURN RT. (SWLY) ONTO THIS AND CONTINUE 500' ± TO A SMALL KNOB ON THE SOUTH SIDE OF THE RD. AND THE STATION SITE.

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of GEOD. CONTROL
Map No.	JN 030100 Tape Std °F
Office Work	Surveyed by R.C. WILSON
Checked	Notes C.A. PYLE Date 9/22/72
Date	Indexed G.D. BAILEY NOV 13 1972

F.B. 2984 PG. 253

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LA BREA J7A

STATION MARK

A 4" L.A. CO. SUR CONTROL SYSTEM BRASS TRIANGULATION STATION DISC STAMPED "LA BREA J7A 1972 RE 7078". SET IN AN 8" CONC. POST WHICH IS 3" ABOVE GRD. SET BY TANGENT PROP. FROM LBR L5 THROUGH LBR J7 RM5

SUB-SURFACE MARK

NO MARK WAS SET

REFERENCE MARKS

RM1: A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS REFERENCE MARK DISC STAMPED: LA BREA J7A RM1 1972 RE 7078". SET IN AN 8" CONC. POST WHICH IS 3" ABOVE GRD. SET TANGENT TO LBR F5 & LBR J7A

J7 RM5: A 4" L.A. CO. SUR CONTROL SYSTEM BRASS REFERENCE MARK DISC STAMPED "LA BREA J7 RM5 1961". SET IN A 12"x12" CONC PAD WHICH IS 4" ABOVE GRD. SET TANGENT TO LBR J7A & LBR L5

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6 F309S CE#310 3-69

F. B. 2984 PG. 254 L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LA BREA J7A

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 020100 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes C.A. PYLE Date 9/24/72
Date	Indexed G.D. BAILEY NOV 13 1972

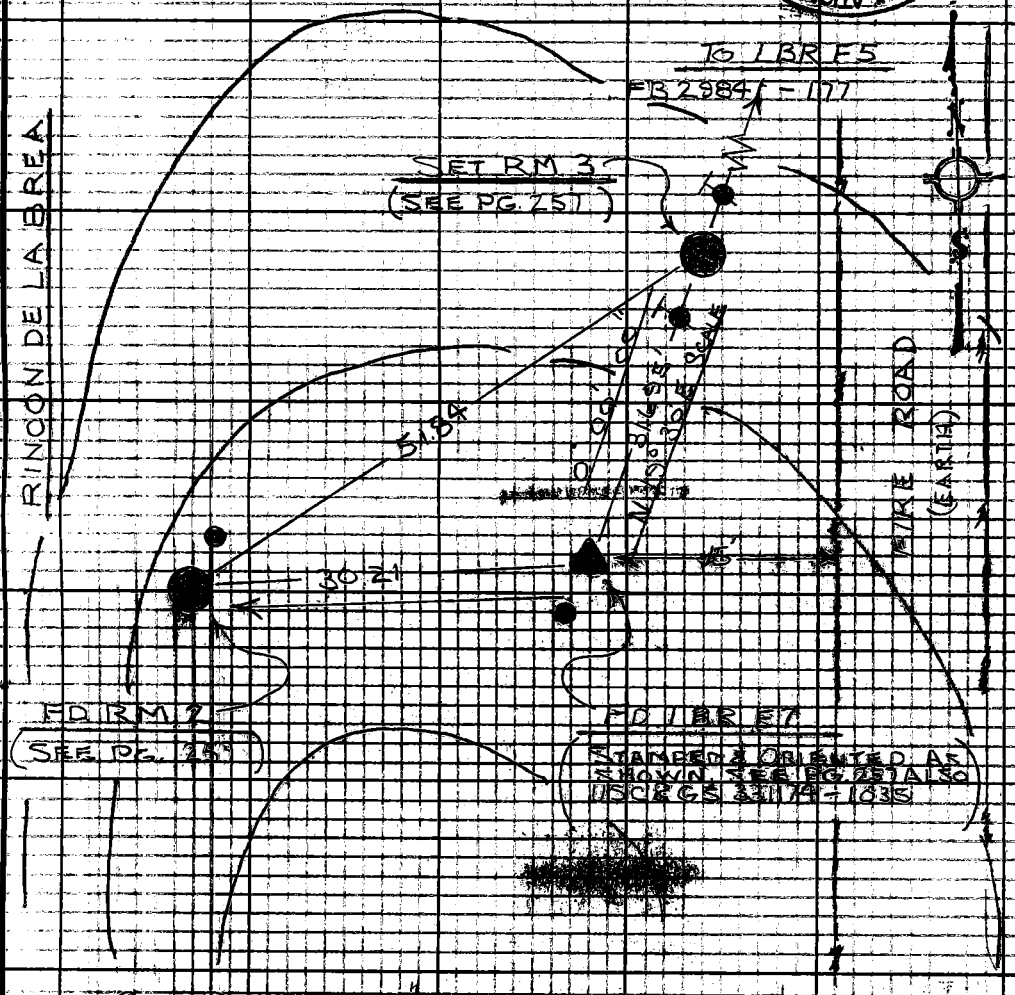
F.B. 2984 PG. 255 ✓

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

LA BREA E7

USC&GS CHINO

U.S. COAST & GEODETIC SURVEY TRIANGULATION STATION
FOR INFORMATION WRITE TO THE DIRECTOR, WASHINGTON, D.C.
$250 FINE OR IMPRISONMENT FOR DISTURBING THIS MARK.
CHINO
1938



● — DENOTES 2" MARKER PIPE SET 5' OFF

MEASUREMENTS — SEE NEXT PG.

DIRECTIONS — F.B. G 1377, - 41

403 LOS ANGELES COUNTY ENGINEERING BLDG.
Making Change
Do not extend this line

F. B. 2984 PG 25 L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

LA BREA E7

50 METER M6 MEASUREMENTS 300' TAPE #221

LEVEL @ 94°

9.208 M = 9.208 M = 30.209'
9.661 M = 9.661 M = 31.695'
15.801 M = 15.801 M = 51.84'

30.21' = 30.21'
31.695' = 31.695'
51.84' = 51.84

AREA

THIS TRIANGULATION STA. IS IN L.A. CO. WITHIN THE "RINCON DE LA BREA" RANCHO ADJACENT TO "BREA CYN." IT IS 4000'± W. & 950'± N. OF THE INTER. OF "L.A./ORANGE CO. BDRY. LINE & RANCHO DE LA BREA" LINE. SEE USGS. 7.5' SHEET "YORBA LINDA, CALIF." QUAD. 1964.

ROUTE

FROM ITS INTER. WITH "BREA CYN. RD." TRAVEL S.ELY. ON "TONNER CYN. RD. 0.10 MILE TO "ORANGE FWY." (HWY 57) PASS UNDER AND PROCEED THROUGH "MOBIL OILFIELDS" 1.3 MILES TO A CATTLE GUARD, CROSS AND CONTINUE 0.4 MILE TO A SECOND CATTLE GUARD, CROSS AND PASS THROUGH A GATE IN A CHAIN LINK FENCE, (CLOSES AT 8:00 P.M., L-LOCK) ENTRANCE TO THE "FIRESTONE SCOUT RESERVATION". THENCE 0.60 MILE TO A CONCRETE BLOCK REST ROOM ON THE LEFT (WEST) TURN LEFT ONTO A FIREROAD 25' SOUTH OF BUILDING AND ASCEND 0.60 MILES TO TOP OF RIDGE AND A GATE IN BARBED WIRE FENCE (UNLOCKED) PASS THROUGH AND CONTINUE ALONG RIDGE TOP 0.20 MILE TO A JUNCTION WITH A FIRE ROAD, TURN LFT (SWLY) THENCE 0.10 MILE PASS WATER TANKS ON THE WEST, PROCEED SLY. 0.30 MILE TO A SADDLE, BEAR RT. (NLY) AROUND A LARGE HORSESHOE BEND, THENCE SLY (0.10) MILE ASCENDING TO THE TOP OF A RIDGE AND THE STATION SITE.

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Map No.	JN 0301 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes C. A. PYLE Date 9/22/52
Date	Indexed G. D. BAILEY NOV 13 1972

F. B. 2981 PG. 257

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LA BREA E 7

STATION MARK

A 4" USC&GS BRASS TRIANGULATION STA DISC STAMPED: "CHINO 1938" SET IN A 10"x10" CONC PAD WHICH IS 4" ABOVE GRD.

SUB-SURFACE MARK

NO RECORD OF ANY BEING SET.

REFERENCE MARKS

RM 1

NOT FOUND, APPARENTLY BLADED OUT DURING FIRE-BREAK MAINTENANCE.

RM 2

A 4" USC&GS BRASS REFERENCE MARK DISC STAMPED: "CHINO NO 2 1938" SET IN A 10"x10" CONC PAD WHICH IS 2" ABOVE GRD. MON. IS LEANING AS A RESULT OF HAVING BEEN STRUCK BY SCRAPER BLADE.

RM 3

A 4" L.A. CO. SUR. CONT. SY. BRASS REFERENCE MARK DISC STAMPED: "LA BREA E 7 RM 3 1972 RE 1078" SET IN A 8" CONC. POST WHICH IS 4" ABOVE GRD. SET TAN. TO L BR E 7 & L BR F 5.

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DEPARTMENT OF COUNTY ENGINEER
COUNTY OF LOS ANGELES
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F. B. 2984 PG 258 L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

LA BREA E7