Card by

Survey of Topanga & Malibu Water
JN 2215.14 Tape Std °F
Surveyed by
Notes FEB Date Apr 1967
Indexed G. J. GALLI NOV 9 1967

F. B. 3403 Pg. 5

JN 2215.15

TOPANGA & MALIBU WATER WORKS DISTRICT NO. 29

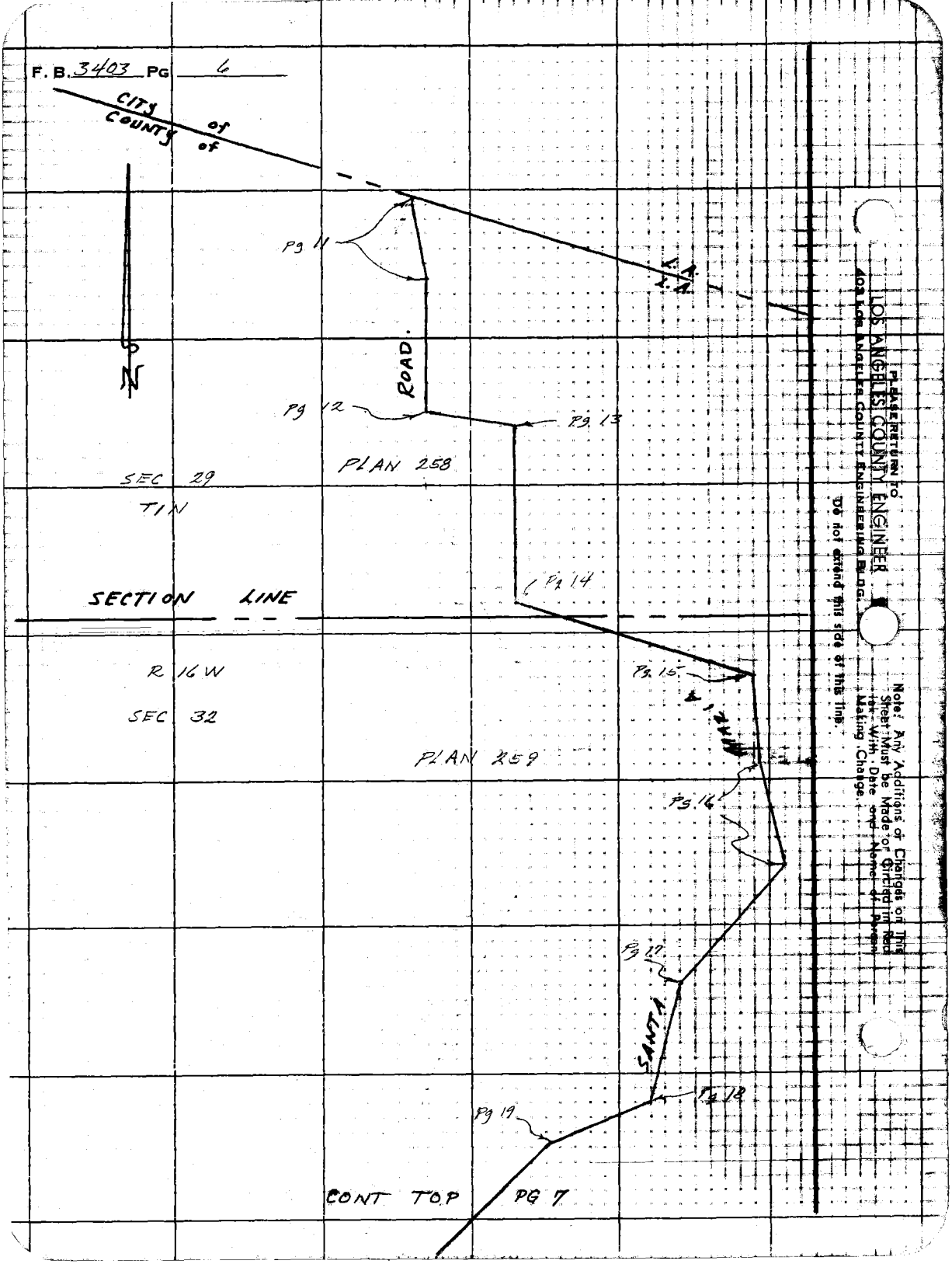
SANTA MARIA ROAD

WATER WORKS PLANS No 258 To No 263

F.E. Brooks
R Hastings
GE Cook
M Sonnenschein

Microfilmed. June 85

F. B. 3403 PG 6



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Survey of Topanga E Malibu Water
JN 21511 Tape Std °F
Surveyed by FE Brooks
Notes FEB Date April 67
Indexed C. J. GALLI

F. B. 3403 PG. 7

CONT TOP PG 6

PLAN 259

Pg 20

ROAD

Pg 21

MALIBU

Pg 22

Pg 23

PLAN 260

Pg 24

SANTA

1/4 SECTION LINE.

PLAN 261

Pg 25

CONT TOP PG 8

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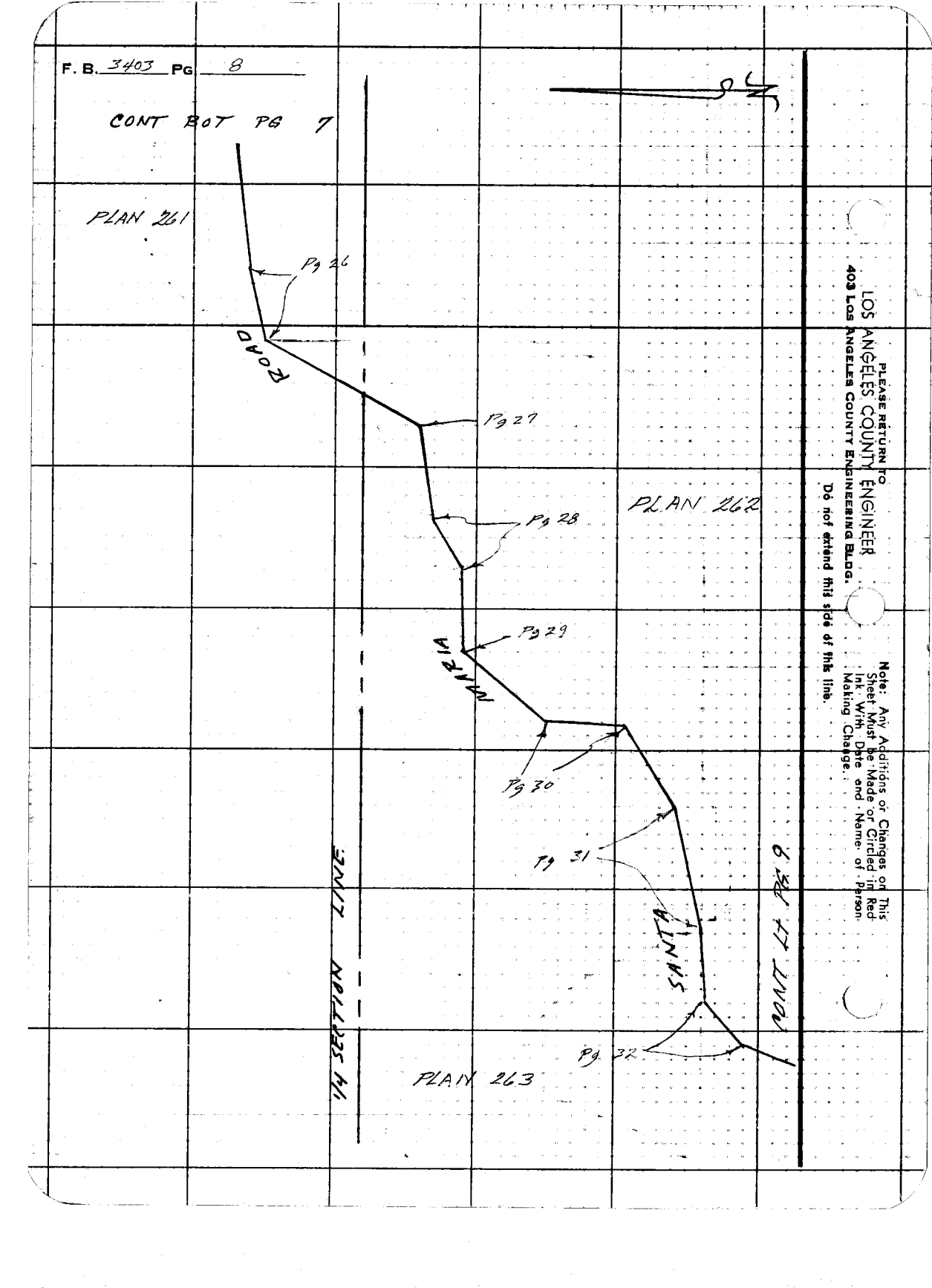
76F3095 CE#310 1-65

F. B. 3403 PG 8



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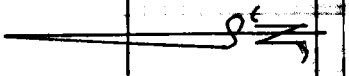
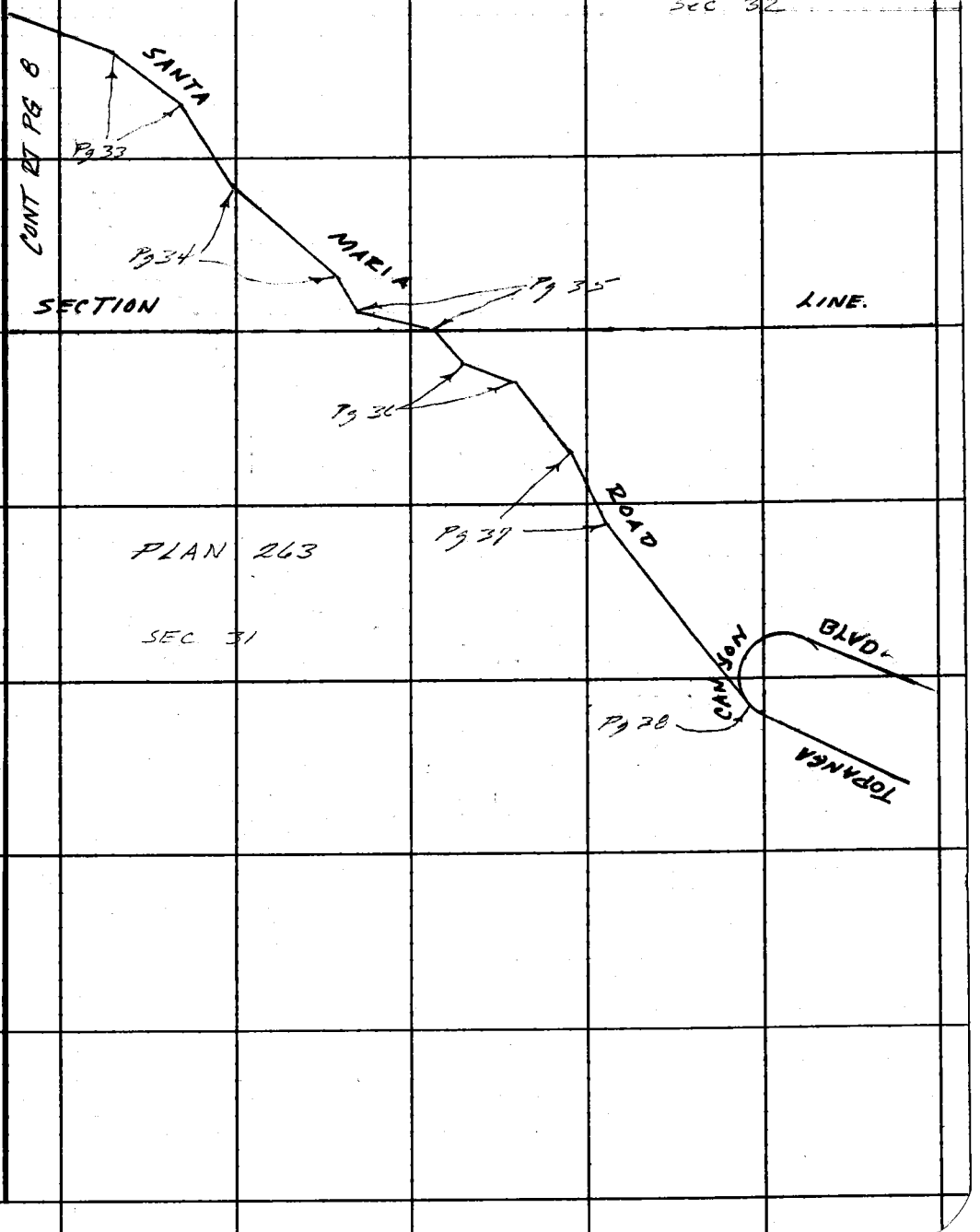
Notes Ck'd by	Survey of Topanga E Malibu Wtrs	F. B. 3405	Pg. 9
Map No.	JN 3215 17 Tape Std °F		
Office Work	Surveyed by FF Brooks		
Checked	Notes FFB Date Apr. 167		
Date	Indexed C. J. GALLI		





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F. B. 3403 PG 10

Notes Ck'd by		Survey of Topanga E Malibu Water work	F. B. 3407 Pg. 11
Map No.		JN 22/5.15 Tape Std °F	
Office Work		Surveyed by FE Books	
Checked		Notes F.E.B. Date 3 April 47	
Date		Indexed C. J. GALLI	

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Plan 1400
F.I 1" I.P. conc
Plug & N. Tac
F.B. 2918-47

L.A. CITY
L.A. COUNTY

set 1" I.P.
Conc Plug & Co.
Engr Tag Flush

61.91

34.68

set 1" I.P.
Conc. Plug &
C. Engr Tag
1" up.

Plan = 1407.00
℄ = 0400.00
Set 60d W spk
℄T.

90°

8.00

Plan = 1451.00
℄ = 0+44.2
8"x8"xC" Tee

Plan = 1451.00
℄ = 0+44.2
6"x2½" Fire hyd.

PLAN 258

STAKED 6 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

RD.

8" Water line
and ℄ line

P.I. #1
Plan = 2460.07
℄ = 1053.5
Fd 3/4 I.P. Conc
Plug & 11 5/8"
F.B. 2998-47
Plan Δ = 19°
Field Δ = 19°

MARIA

SANTA

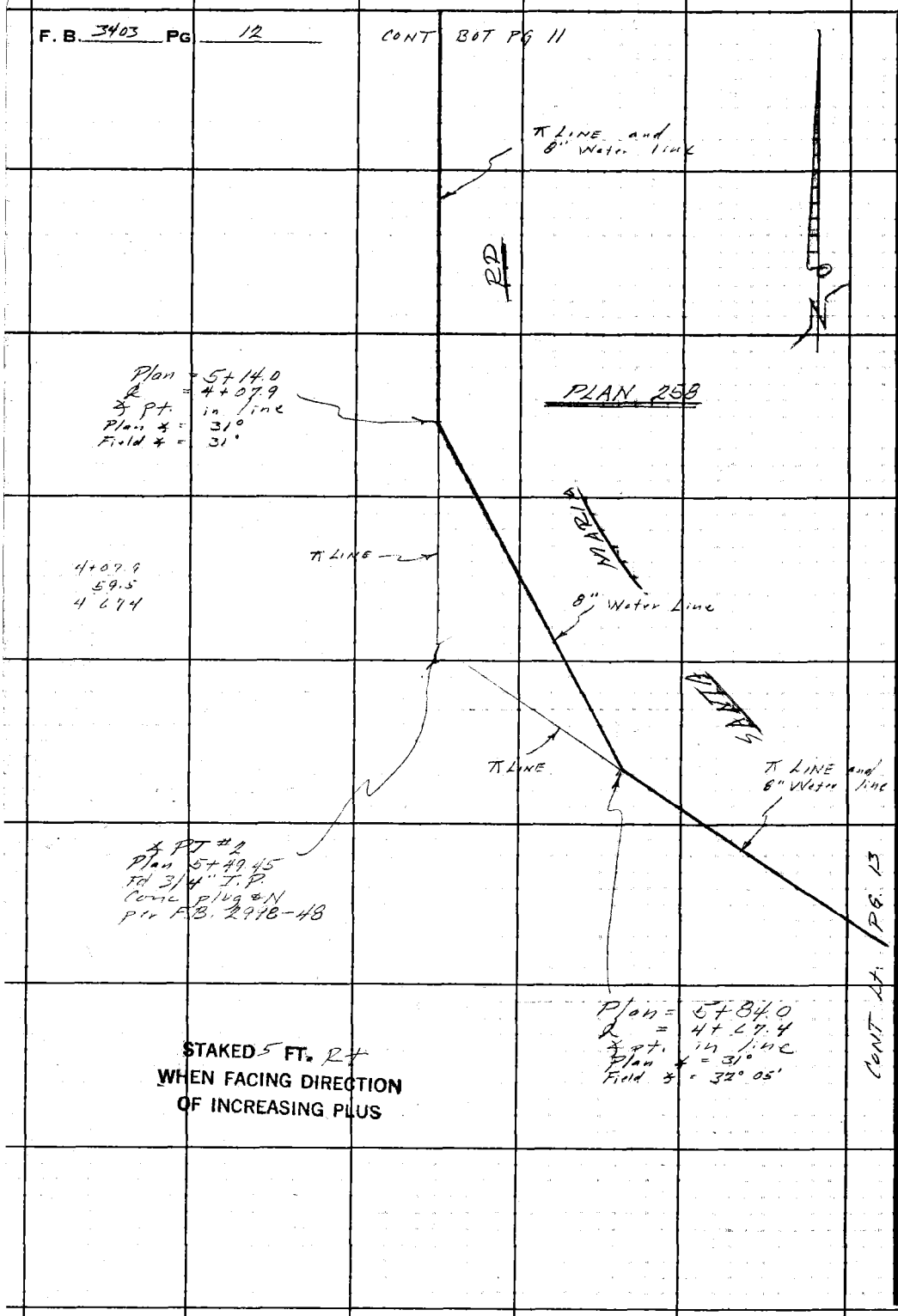
1053.5
2544
4407.1

CONT TOP PG. 12

76F309S CE#310 1-65

F. B. 3403 PG 12

CONT BOT PG 11



STAKED 5 FT. ℄
WHEN FACING DIRECTION
OF INCREASING PLUS

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Notes Ck'd by	Survey of To range E Walnut Water Work F. B. 3403 PG. 13
Map No.	JN [illegible] Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F E B Date 3 April 64
Date	Indexed C. J. GALLI

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CONT RT. PG. 12

℄ LINE and 8" Water line

RD

Plan = 6480
℄ = 5+63.7
℄ pt. in line
Plan Δ = 21°
Field Δ = 20° 45'

℄ LINE

Plan = 7404

℄ Pt. #3
Plan = 7+11.69
℄ =
set 1x2 #N Lg
Ties: F.B. 2983-49

N

4-67.4
96.3
563.7
26.0
589.7
32.6
622.3
12.0
634.3

℄ = 5+89.7
℄ pt. in line
Plan Δ = 26°
Field Δ = 19° 25'

10.00

℄ LINE

8" Water line

PLAN 258

MARIA

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 7448
℄ = 622.3
℄ pt in line
Plan Δ = 15°
Field Δ = 20° 51'

SANTA

800

Plan = 7460
℄ 8"x8"x6" Tee
634.3

Plan = 7460
℄ = 634.3
6" x 2 1/2" Fire hyd.

℄ LINE and 8" Water line

CONT TOP PG. 14

F. B. 3403 Pg 14

6+34.3
2 01.1
8+35.4
94.0
9+29.4

SEC 29
T 1 N
R 16 W

℄ LINE and 8" Water line

PLAN 258

RD

Plan = 9+48.0
℄ = 8+35.4
⊥ pt. in line
Plan ⊥ = 20°
Field ⊥ = 20°20'

Set N & T. in P.P. # 163982 I E

P.I. #4
Plan = 9+97.93
Fd 3/4" I.P. Conc
plug & N Plus 4
per F.B. 2998-50

50.60

8" Water line

64.41

set N&T in 20" Eucalyptus

SECTION

53.66

set chis + in brick piller

LINE

set -:- in fn. Cor

STAKED 6 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ LINE and 8" Water line

Plan = 10+48.0
℄ = 9+29.4
⊥ pt. in line
Plan ⊥ = 20°
Field ⊥ = 20°15'

SEC 32
T 1 N
R 16 W

CONT Top Pg 15

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Notes Ck'd by	Survey of Topanga E Malibu Water Works
Map No.	JN 22.5.14 Tape Std °F
Office Work	Surveyed by FEB, Jacks
Checked	Notes FEB Date 5 Apr 1968
Date	Indexed C. J. GALL

F. B. 3403 PG. 15

9+29.4
2 @ 6
14+13.8 = 20.

CONT BOT PG 14

PLAN 258

℄ Line and 8" water line

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 15+09
℄ = 13+93.8
8"x8"XC" Tee

PI #5
Plan = 15+28.94
℄ = 14+13.8
Eq 1/4" I.P.
Tone. Plug & N
P/R F.B. 2998-51
Plan Δ = 35°
Field Δ = 34°26'

MARIA

SANTA

PLAN 259

℄ Line and 8" water line

CONT TO P PG 16

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76F309S CE#310 1-65

F. B. 3403 Pg 16

CONT BOT PG 15

14+13.9
1 97.4
16+11.2
1 31.7
17+42.9

℄ Line and 8" Water Line

PLAN 259

P.I. #6
Plan = 17+63.37
℄ =
Fd 3/4" I.P. Conc. plug & Bi. Nail pic F.B. 2999-52

RD

℄ = 16+11.2
⊀ pt. in line
Plan ⊀ = 12°
Field ⊀ = 9°12'

Plan = 17+24

2.0

℄ Line

8" Water Line

P.I. #7
Plan = 18+48.52
Fd 3/4" I.P. Conc. plug & Bi. Nail pic. F.B. 2998-52

MAGNOLIA

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 18+56

SANTA

2.0

℄ = 17+42.9
⊀ pt. in Line:
Plan ⊀ = 40°
Field ⊀ = 39°18'

℄ Line

8" Water Line

CONT TOP PG 17

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Notes Ck'd by	Survey of Topanga E. Malibu W. for Work	F. B. 3403 PG. 17
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date 4 April 67	
Date	Indexed C. J. GALLI	

14+41.9
2 31.
3+73.
12.1
20+ 46.0

CONT BOT PG 16

STAKED 5 FT. R+
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 20+88
℄ = 19+73.9
6"X2½" Fine hyd.

R.D.

Plan 20+88
℄ = 19+73.9
8"X8"XC"Tee

10.0

℄ LINE

8" Water line

PLAN 259

PI #8
Plan = 21+50.52
Fd ¾" I.P. (mc
Plug & Bt. Nail pk
F.B. 2998-53

MARIA

Plan = 21+60

℄ pt in line
℄ = 20+46.0
Plan ∡ = 19°
Field ∡ = 14°00'

2.0

SANTA

CONT TOP PG 18

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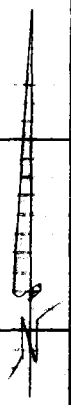
16F309S CE#310 1-65

F. B. 3403 PG 18

CONT FROM PG 17

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS



20+46.0
1 56.2
22+02.2
54.5
22+56.7

℄ LINE

8" Water line

20'

Plan = 23+16

2.0

℄ = 22+02.2
℄ pt in line
Plan Δ = 18°
Field Δ = 18°

PLAN 259

8" Water line

P.I. #9
Plan = 23+45.42

MARIA

SANTA

Plan = 23+72
℄ = 22+56.7
℄ pt in line
Plan Δ = 17°
Field Δ = 15° 37'

℄ Line and
8" Water line

CONT FROM PG 19

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Notes Ck'd by	Survey of Topanga E Malibu Waterworks F. B. 3403 PG. 19
Map No.	JN 22K5.14 Tape Std °F
Office Work	Surveyed by FE Brooks
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Date	Indexed C. J. GALLI

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22+64.7
1+30.5
23+92.2
66.7
24+58.9

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

CONT. FR PG 18

Set 1"I.P. Conc Plug and Co. Engr Tag

℄ LINE and 8" Water line

PD

Set 3in. BT. Spk & T in 18 oak

21.23

24.48

90°

P.T. #10
Plan = 25+09.37
℄ = 23+92.2
Set 3/4" I.P. Conc Plug & Bo. Nail
For FR. 2998-64
Plan ∡ = 21°
Field ∡ = 21° 4'

MALIBU

℄ LINE and 8" Water line

PLAN 259

Plan = 25+73.90
℄ = 24+58.9
8" x 8" x 6" Tee

SANTA

CONT TOP PG 20

6F309S CE#310 1-65

F. B. 3403 Pg 20

CONT BOT PG 19

24+58.9
1 34.3
25+93.2
11.0
26+04.2
64.4
32+68.6

℄ LINE and 8" Water line

Plan = 27+08
℄ = 25+93.2
℄ pt. in line
Plan ∡ = 19°
℄ ∡ = 19° 03'

PLAN 259

Plan = 27+19
℄ = 26+04.2
8"x8"x8" Tee

℄ LINE

8" Water line

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

MARIA

P.I. #11
Plan = 27+47.69
Fd 1" I.P. Conc. Plug
and B. Nail & Tag
Per F.B. 2998-55

℄ LINE

SANTA

Plan = 27+08
℄ = 26+68.6
℄ pt in line
Plan ∡ = 19°
℄ ∡ = 19° 11'

CONT RT PG 21

℄ LINE and 8" Water line

PLAN 260

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JN 2715.17 Tape Std °F
Surveyed by FE Brooks
Notes F.B. Date 10 April 67
Indexed C. J. GALLI

F. B. 3403 PG. 21

26+68.6
28+04.6
2 02.0
1.539
6.5
30+16.1

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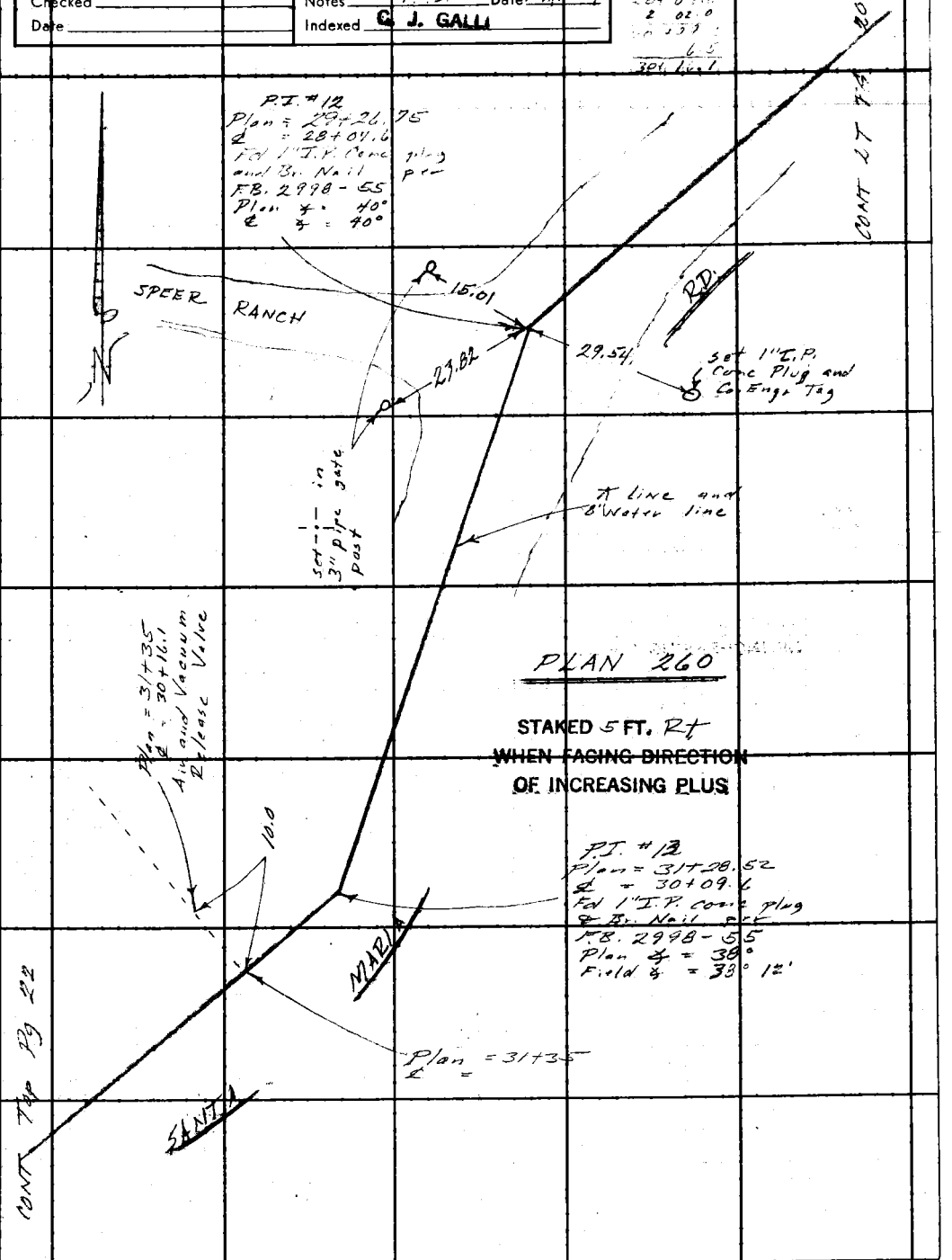

F. B. 3403 PG 22

CONT LT. PG 21

30+09.6
+ 81.0
31+90.6
60.5
32+51.1
72.2
33+24.3

P.I. #14
Plan = 33+08.54
℄ = 31+99.6
Fd 1" I.P. Conc. plug and Bi. Nail 5"dn
on F.B. 2998-57
Plan Δ = 19°
Field Δ = 18°33'

2D

℄ LINE and 8" Water line

PLAN 260

Plan = 33+69
℄ = 32+51.1
8"x8"x6" Tee

9.0

Plan = 33+69
℄ = 32+51.1
6"x2¼" Fire hyd.

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

PLAN

P.I. #15
Plan = 34+42.09
℄ = 33+24.3
Fd 1" I.P. Conc. Plug
and Bi. Nail 6"dn
on F.B. 2998-58
Plan Δ = 27°
Field Δ = 27°29'

PLAN

CONT Top PG 23

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Survey of Topanga E. Malibu Water Works
JN 22316-14 Tape Std °F
Surveyed by F E Brooks
Notes F.F.B. Date 7 Apr 1967
Indexed C. J. GALLI

F. B. 3403 PG. 23

CONT FROM PG 22

33+24.3
1 91.8
34+95.1
54.3
35+49.6

Plan = 36+13.
℄ = 34+95.1
℄ rt. in line
Plan ∡ = 26°
℄ ∡ = 25°02

℄ Line and 8" Water line

PLAN 260

RD

8" WATER LINE

Set 1" I.P. cone plug and Co. Engr tag 3" up.

23.04

℄ LINE

Plan = 36+13
℄ = 35+49.6
℄ rt. in line
Plan ∡ = 25°
℄ ∡ = 26°13'

90°
90°

42.52

Set 1" I.P. cone plug and Co. Engr tag 2" up

℄ LINE

31.06

MALIBU

℄ LINE and 8" Water LINE

Set Sw. Bt. Spk ● T in 20" Oak.

P.I. #16
Plan = 36+43.07
Fd 1" I.P. cone plug and Br. Nail per F.B. 2998-59

SANTA

CONT TOP PG 24

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

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F. B. 3403 PG 24

CONT LT PG 23

35+49.1
90.2
36+39.8
3 54.7
39+94.5
79.7
40+74.2
42.7
41+16.9

P.I. #17
Plan = 37+63.08
℄ = 36+39.8
Fd 1" I.P. Conc. Plug and Bx. Nail Flush per F.B. 2998-60
Plan Δ = 19°
Field Δ = 17°38'

PLAN 260

RD.

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ LINE and 8" Water Line

MANRIA

Plan = 41+17
℄ = 39+94.5
8"x8"x6" Tee

P.I. # 18
Plan = 41+96.71
℄ = 40+74.2
Fd 1" I.P. Conc Plug and Bx. Nail per F.B. 2998-61
Plan Δ = 29°
℄ Δ = 29°03'

SANTA

1/4 SECTION

42+39.36 = 41+69.9 ℄
Fd 1" I.P. Conc plug and Co. Engr. Tag per F.B. 2998-62

PLAN 241

Set 1" I.P. Conc Plug and Co. Engr Tag 2" up

13.62

90°

38.83

Gate

Fd chis -+- in gate post per F.B. 2998-62

Set chis -+- in gate post

LINE

CONT TOP PG 25

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Notes Ck'd by	Survey of Topanga F. Malibu Wtr. Works
Map No.	JN 22/5.14 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 12 April 64
Date	Indexed J. GALLI

F. B. 3403 PG. 25

CONT BOT PG 24

41+16.9
1 16
42+32.9
1 37.2
43+70.1
39
44+09.1

R.R.

Plan = 43+55
℄ = 42+32.9
Air and vacuum release valve

90

℄ LINE and 8" water line

PLAN 261

Plan = 44+92
℄ = 43+79.1
℄ pt. in line
Plan ∡ = 13°
Field ∡ = 13° 48'

P.I. # 19
Plan = 45+31.55
Fd 1" I.P. conc. plug and Br. Nail P.C.
F.B. 2998 - 16

℄ LINE

8" Water line

MARIA

Plan = 45+72
℄ = 44+09.1
℄ pt. in line
Plan ∡ = 13°
Field ∡ = 13°12'

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ LINE

SANTA

℄ LINE and
8" Water line

CONT TOP PG 26

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76F309S CE#310 1-65

CONT ROT PG 25

F. B. 3403 Pg 26

44+09.1
1 79.0
45+87.1
30.4
46+17.5
87.0
47+04.5
55.
47+59.5

RD

Plan = 47+50
℄ = 45+87.1
8"×8"×6" Tee

Plan = 47+50
℄ = 45+87.1
Fire hyd

℄ Line and
8" Water line

PJ #20
Plan = 47+80.37
℄ = 46+17.5
Fd 1" I.P. Conc. Plug
& Bi. Nail Flush
Ptr F.B. 2998-10.8
Plan. ∡ = 14°
Field ∡ = 13°39'

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

MAELA

PLAN 261

Plan = 48+67
℄ = 47+04.5
∡ Pt in line
Plan ∡ = 24°
Field ∡ = 23°50'

℄ Line

8" Water line

PJ. #21
Plan = 48+96.72
Fd 3/4" I.P. Conc
Plug and Bi. Nail
Ptr F.B. 2998-16.8

℄ Line

SANTA

PLAN 262

Plan = 49+27
℄ = 47+59.5
∡ Pt. in line
Plan ∡ = 24°
Field ∡ = 18°32'

CONT TOP PG 27

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Notes Ck'd by	Survey of Topanga E. Malibu Water Main
Map No.	JN 20'6.15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes F.E.B. Date
Date	Indexed C. J. GALLI

F. B. 3403 PG. 27

CONT BOT PG 26

℄ = 48+21.0
℄ pt. in Line
Plan Δ = 12°
Field Δ = 12°25'

P.D.

6.0

Plan = 49+56

8" Water line

℄ LINE

47+59.5
41.5
48+21.0
97.2
49+18.2
1.053
50+22.7

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

PLAN 262

MARIA

Plan = 50+18.4

8.0

℄ = 49+18.2
℄ pt. in line
Plan Δ = 17°
Field Δ = 16°41'

Set 1" I.P. Cone Plug and Co. Engr. Tag 2" Up

℄ 22.69

8" Water line

SAND

℄ = 50+23.7
℄ pt. in line
Plan Δ = 32°
Field Δ = 33°03

P.I. # 22
Plan = 51+81.97
Fd 3/4" I.P. Cone Plug and Co. Engr Tag Flush
Plr FB. 2998 - 169

1.0

90°

17.96

℄ line

Plan = 51+92

Set 1" I.P. Cone Plug and Co. Engr. Tag 2" Up

CONT TOP PG 28

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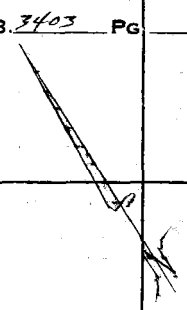
76F309S CE#310 1-65

CONT BOT PG 27

F. B. 3403 Pg 28



Plan = 52+41

5.5

℄ = 50+73.1
℄ pt. on line
Plan ∠ = 11°
℄ ∠ = 10°30'

℄ Line

R.P.

8" Water line

50+23.11
49.4
50+73.1
107.2
51+80.3
34.8
52+15.1
83
52+98.1

P.I. # 23
Plan = 53+47.25
℄ = 51+80.3
Fd 3/4" I.P. 2nc. plug and Bv. Nail Flush Per F.B. 2998-170
Plan ∠ = 28°
Field ∠ = 28°21'

MARIA

Plan = 53+82
℄ = 52+15.1
8"x8"x6" Tee

℄ Line
8" Water line

PLAN 262

SANTA

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

P.I. # 24
Plan = 54+04.90
℄ = 52+98.1
Fd 3/4" I.P. 2nc. Plug and Bv. Nail Flush Per F.B. 2998-170
Plan ∠ = 31°
Field ∠ = 30°38'

CONT TOP PG 29

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Notes Ck'd by	Survey of Topanga F. Main Water system F. B. 3403 Pg. 29
Map No.	JN 22153 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 13 April 64
Date	Indexed C. J. GALLI

CONT ROM PG 28

Plan = 55+17
℄ = 54+10.2
PT in line
Plan Δ = 22°
Field Δ = 23°23'

P.I. #25
Plan = 55+96.97
Fd 3/4" I.P. Cont &
Plug and Br. No. 1
Flush per F.B.
2998-171

π LINE

52+98.1
/ 22.1
54+20.2
39.1
54+59.3

π line

8" Water line

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

MIARIA

PLAN 262

Plan = 56+19
℄ = 54+59.3
PT in line
Plan Δ = 23°
Field Δ = 21°20'

SANTA

π line and 8" Water line

CONT TOP PG 30

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76F309S CE#310 1-65

F. B. 3403 Pg 30

CONT BOT PG 29

P.I. # 26
Plan = 58+18.54
℄ = 56+49.0
Fd 3/4" I.P. conc. Plug and Br. Nail 1' UP. per F.B. 2998-172
Plan ∡ = 19°
Field ∡ = 18°39'

54+89.3
1+24.7
56+49.0
95.
57+44.0
23.7
57+67.7
11.6
57+79.3

℄ LINE and 8" water line

PLAN 262

Plan = 59+13
℄ = 57+44
℄ pt. in line
Plan ∡ = 25°
℄ ∡ = 26°

MARIA

P.I. # 27
Plan = 59+28.03
Fd 3/4" I.P. conc Plug and Br. Nail Flush per F.B. 2998-172

Plan = 59+40
℄ = 57+69.7
8"x8"x6" Tee

10.00

SANTA

STAKED 5 FT. ℄
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 59+51
℄ = 57+79.3
∡ pt. in line
Plan ∡ = 21°
Field ∡ = 18°59'

5.3
Plan = 59+70
Flush by al

Plan = 59+83.09
Fd 3/4" I.P. conc. plug and Br. Nail Flush per F.B. 2998-172

29.36

27.00

set 1" I.P. conc Plug and Co. Engr Tag 2" UP.

26.16

set 1" I.P. conc Plug and Co. Engr Tag 2" UP.

set Bt. spk w/ dot in out hank

CONT TOP PG 31

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Notes Ck'd by	Survey of Topanga E. Malibu Water Works F. B. 3403 Pg. 31
Map No.	JN 22/5.14 Tape Std °F
Office Work	Surveyed by FT Brooks
Checked	Notes F.F.B. Date 14 Apr 16
Date	Indexed C. J. GALLI

CONT BOT PG 30

5+79.3
/ 29.8
5+09.1
2 27.8
41 +36.9

P.I. # 28
Plan = 60 + 79.11
℄ = 59 + 09.1
Set 1x2 ON pvt
Ties of
F.B. 2998-172-173
Plan Δ = 15°
Field Δ = 15° 05'

PLAN 262

℄ LINE and
8" Water line

RD

MARIA

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

SANTA

P.I. # 29
Plan = 63+63.12
℄ = 61+36.9
Fd 3/4 I.P. Cone plug
and Br. Nail
Pvt F.B. 2998-173
Plan Δ = 9°
Field Δ = 8° 08'

℄ LINE

PLAN 263

CONT TOP PG 32

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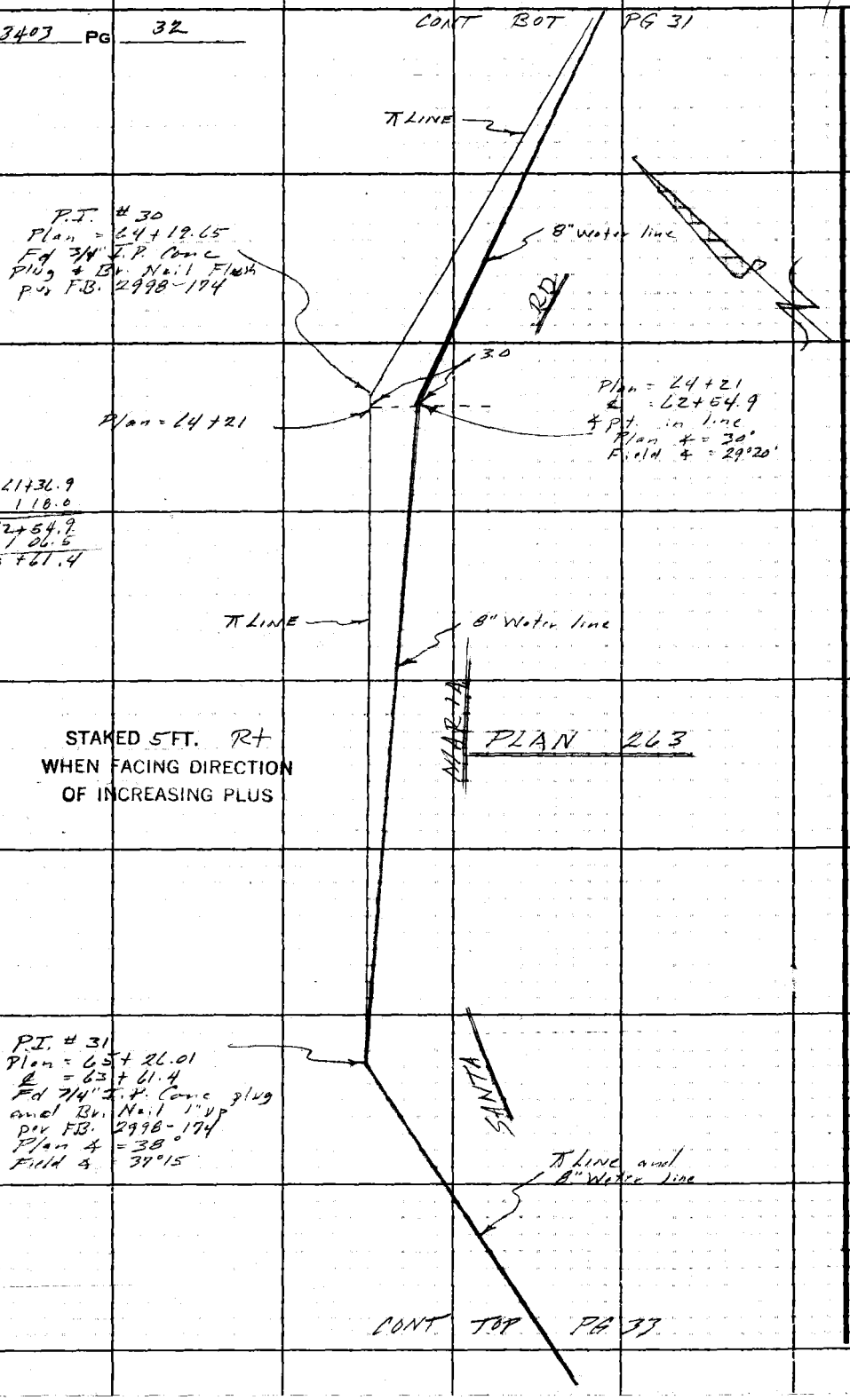
76F309S CE#310 1-65

F. B. 3403 PG 32



117.7

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

Survey of Topanga F. Malibu Water Works F. B. 3403 Pg. 33
JN 22 15 15 Tape Std °F
Surveyed by F E Brooks
Notes F E U Date 14 Apr 1969
Indexed C. J. GALL

CONT BOT PG 32

63+61.4
94.2
64+55.6
1 ON 0
65+62.6
36.4
65+99.0

PT #32
Plan = 66+15.9C
℄ = 64+55.6
Fd 3/4" I.P. conc Plug
and Br. Nail 2" in.
Pcr F.B. 2998 - 195
Plan Δ = 26°
Field Δ = 25°18'

PLAN 263

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 67+25
℄ = 65+62.6
8"x8"x6" Tie

ext 1/2 in 2" post
11.08
15.69

PT. #33
Plan = 67+61.02
℄ = 65+99.0
Fd 3/4" I.P. conc. plug
and Br. Nail 2" in.
Pcr F.B. 2998 - 195
Plan Δ = 12°
Field Δ = 12° 02'

42.33
ext 1/2 in gate post
Gate

CONT TOP PG 34

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7 of 3095 CE #310 1-65

F. B. 3403 PG 34

CONT BOT PG 33

℄ LINE and 8" Water line

68+99.0
1 34.8
69+33.8
1 06.4
68+39.7
43.2
69+02.9
35.8
69+37.9

RD

MARLA

PI 34
Plan = 68+94.64
℄ = 69+33.3
Fd 3/4" I.P. Conc. Plug and B. Nail Flush
Pol. F.B. 2998-176
Plan Δ = 13°
Field Δ = 13°17'

PLAN 263

Plan = 70+00
℄ = 68+39.7
Pt in line
Plan Δ = 4°
Field Δ = 4°35'

SANTA

STAKED 5 FT. Rt WHEN FACING DIRECTION OF INCREASING PLUS

8" Water line

5.0

Plan = 70+68

℄ = 69+02.9
Pt in line
Plan Δ = 13°
Field Δ = 12°54'

℄ LINE

P.I. #35
Plan = 70+96.47
℄ = 69+37.9
Fd 3/4" I.P. Conc. Plug and B. Nail
F.B. 2998-176
Plan Δ = 34°
Field Δ = 32°29'

8" Water line

℄ LINE

CONT TOP PG 35

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Notes Ck'd by	Survey of Torrance E Malibu Water with F.B. 3403 Pg. 35
Map No.	JN 22151.5 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes F.F.B. Date 12 Apr. 1967
Date	Indexed C. J. GALLI

L9+39.9
-L 2.9
7+00.6
+ 103.4
7+03.0

CONT. BOT PG. 34

℄ LINE

8" Water line

PI # 36
Plan = 71+59.93
Fd 3/4" I.P.
Conc Plug and
Bi. Nail Pr
F.B. 2998 L 177

Plan = 71+61
℄ = 70+00.6
℄ pt in line
Plan Δ = 20°
Field Δ = 17°59'

4.0

2" Pain = 71+61

PLAN 263

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Sec 32
SECTION
Sec 31
T1N
R16W

℄ LINE

8" Water line

MONROVIA

15.00

Set 1" I.P.
Conc Plugs
& Co. Engs Tags
2" Dip

P.I. # 37
Plan = 72+61.94
℄ = 71+03.0
Fd 3/4" I.P. Conc Plug and
Co. Engs. Tag Pr FB. 2998 - 177
Plan Δ = 21°
Field Δ = 20°27'

15.00

LINE

℄ LINE

8" Water Line

SANTA

CONT TOP PG 36

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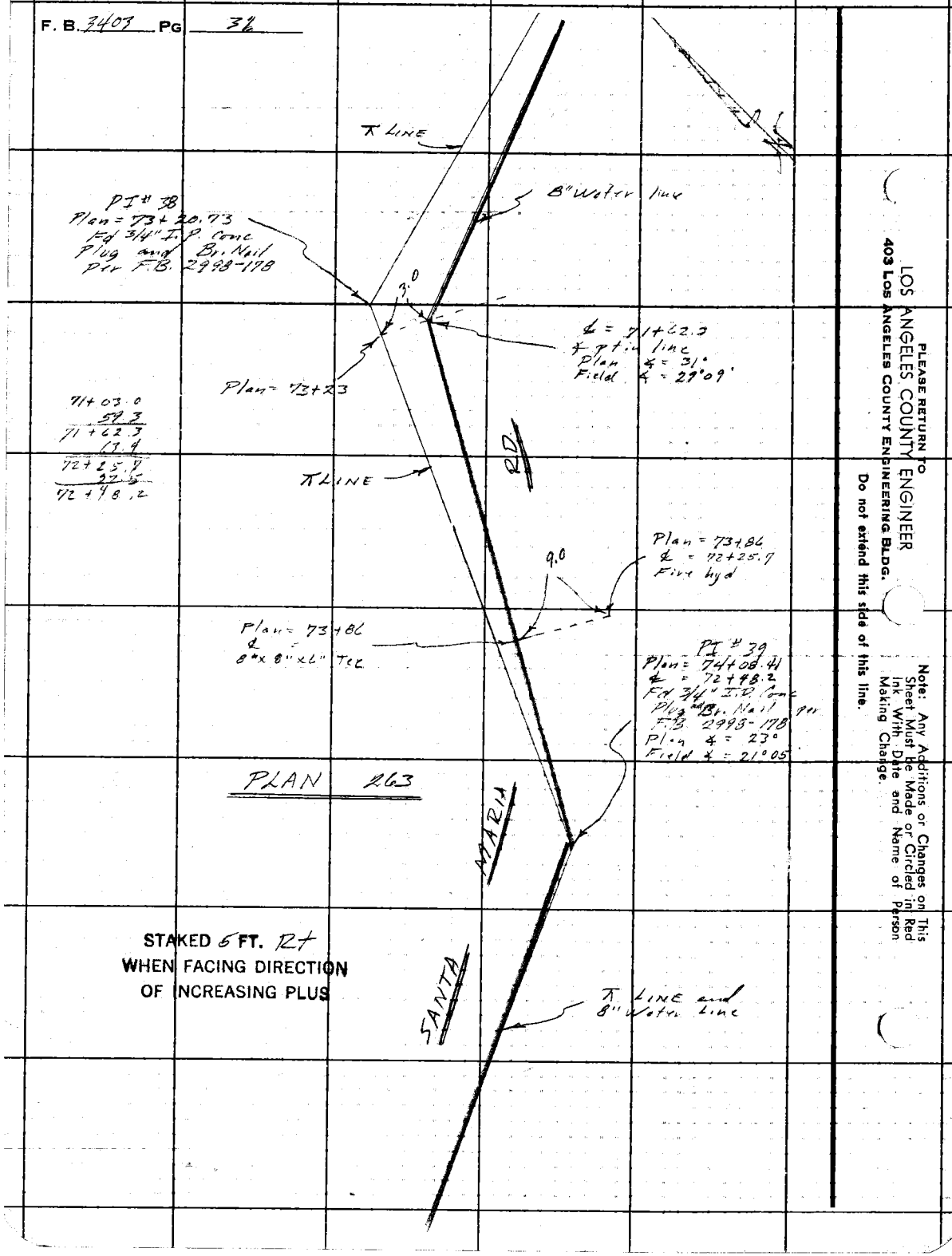
16F309S CE#310 1-65

F. B. 3403 PG 36



STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

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Notes Ck'd by	Survey of Topanga E Malib Water Mains F. B. 3403 Pg. 37
Map No.	JN 27-15-15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FE 18 Date 17 April 69
Date	Indexed C. J. GALLI NOV 21 '69

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76F309S CE#310 1-65

73+08.2
1 40.0
73+08.2
1 00.1
74+70.3

RD

PI #40
Plan = 75+46.32
℄ = 73+88.2
Fd 3/4" I.P. Tane
Plug and BR No. 1
Per F.B. 2993-179
Plan Δ = 16°
Field Δ = 15°09

T Line and 6" Water line

MARIA

PLAN 263

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

SANTA

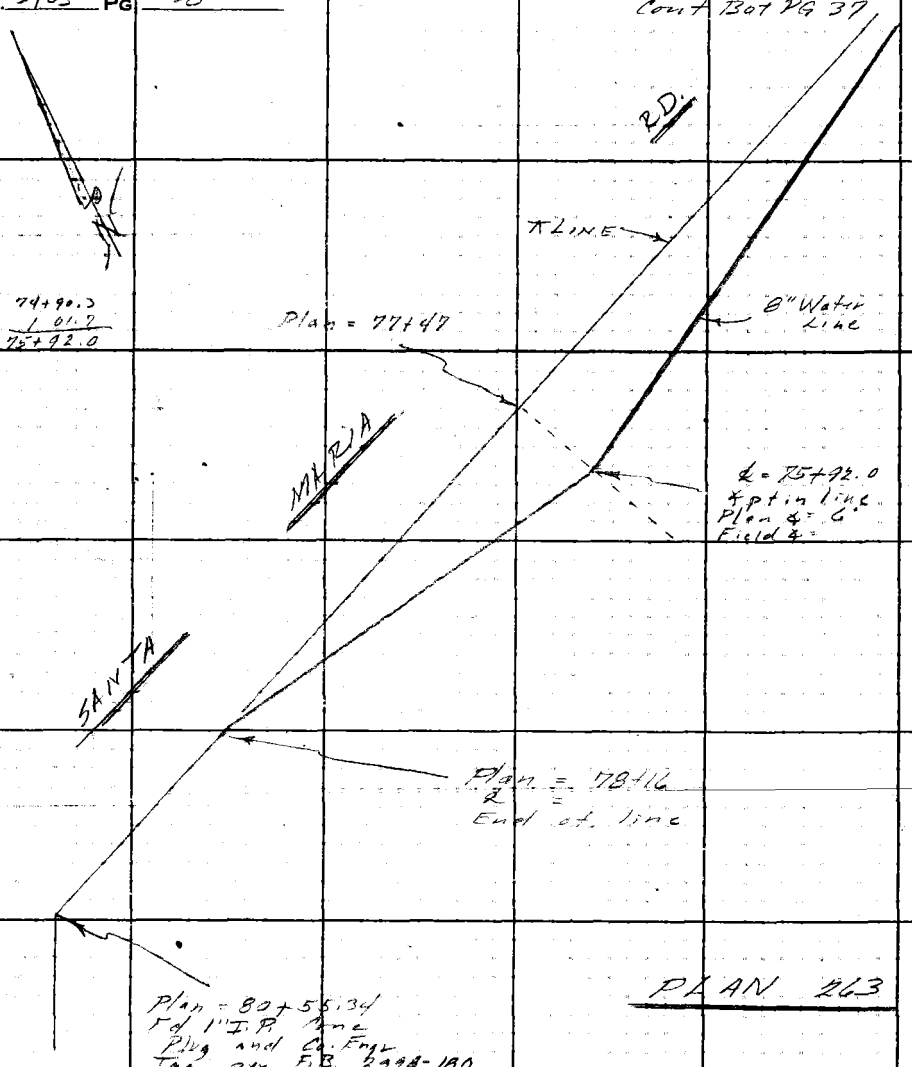
PI # 41
Plan = 76+46.93
℄ = 74+90.3
Fd 3/4 I.P. Tane
Plug and BR No. 1
Per F.B. 2993-179
Plan Δ = 15°
Field Δ = 14°16'

8" Water line

T LINE

F. B. 3403 PG. 38

Cont Bot PG 37



PLAN #63

STAKED 6 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

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Notes Ck'd by	Survey of Topanga E. Malibu Water Works F. B. 3403 PG. 39
Map No.	JN 22 15 15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date April 67
Date	Indexed G. J. GALLI NOV 24

S.N. 2215.15

TOPANGA E. MALIBU WATER WORKS DISTRICT NO 29

ENTRADO	DR.
CAÑON	DR
ALTA	DR
CORVO	WAY
KOONTZ	WAY
NUEZ	WAY
LIBERTY	LANE

WATER WORKS PLANS No. 270 To No 275

F.E. Brooks
P. Harrington
GE Cook
M Sonnenschein

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F. B. 3403 PG 40

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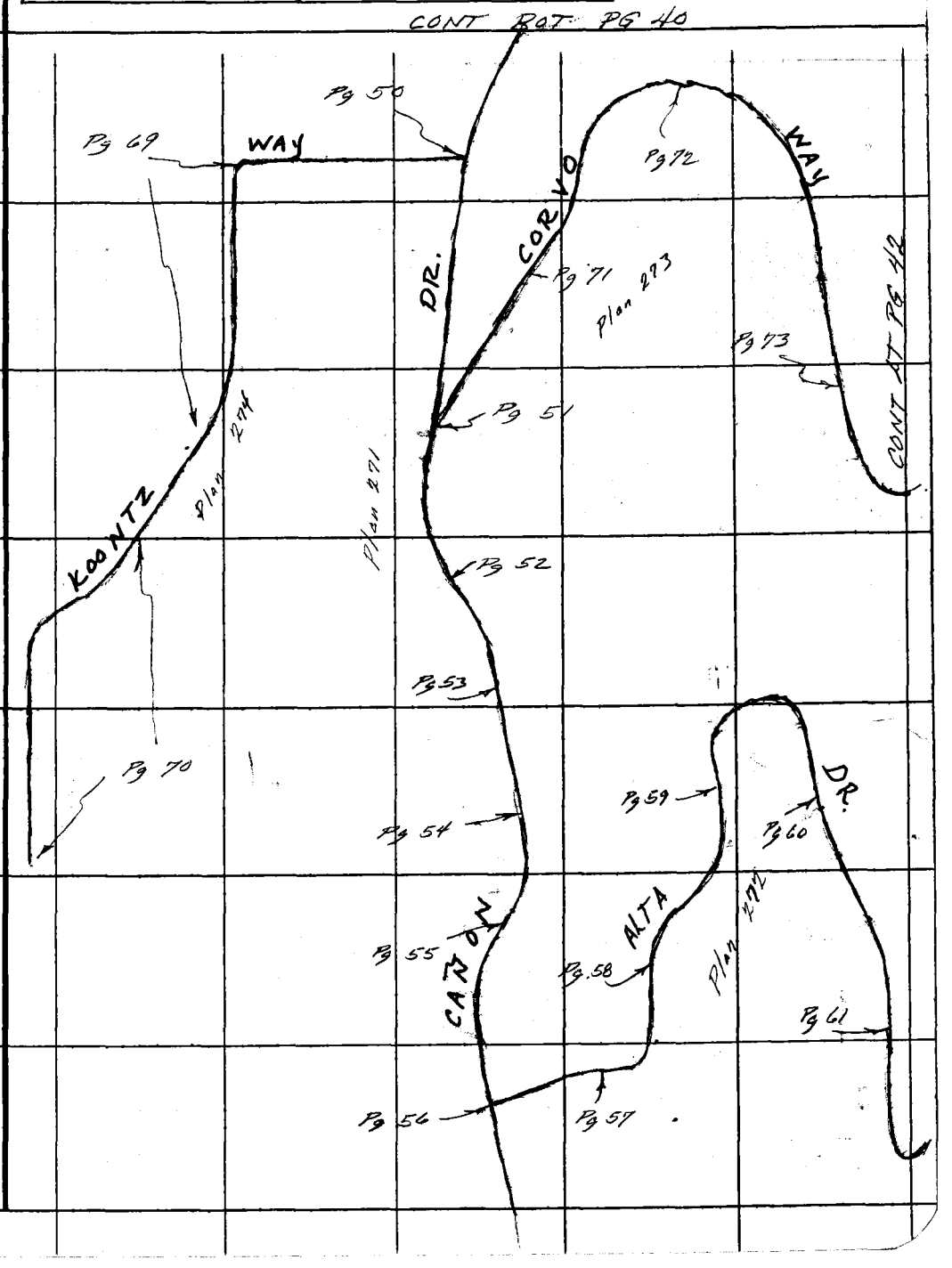
Map No.	JN 22/15.15 Tape Std °F
Office Work	Surveyed by PE Brooks
Checked	Notes F.B. Date Apr. 1967
Date	Indexed C. J. GALLI

F. B. 3403 PG. 41



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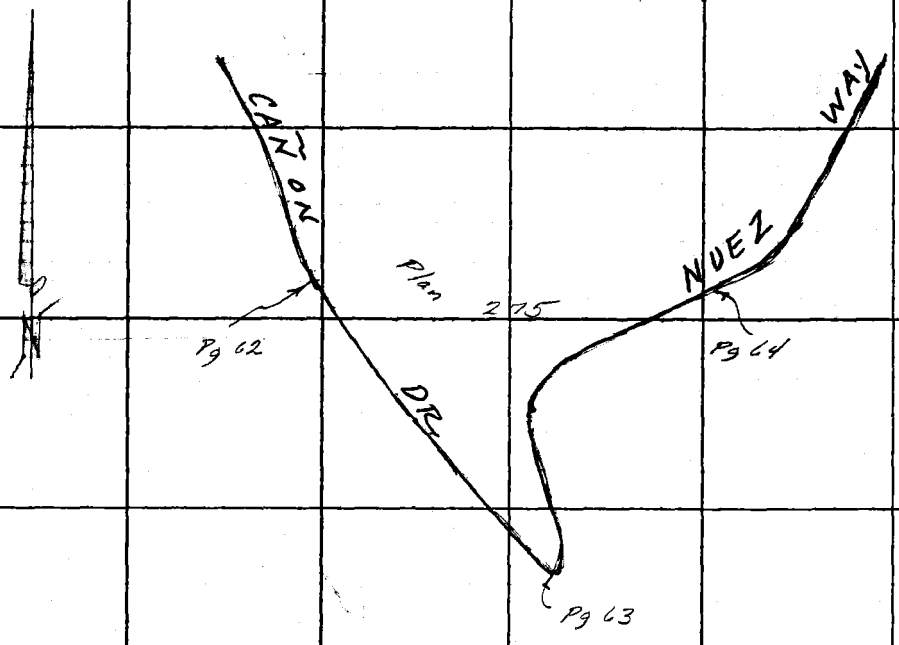
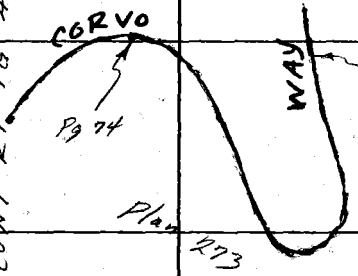
76F309S CE#310 1-65

F. B. 3403 PG 42

CONT BOT PG 40





CONT RT PG 41

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

Survey of Tujunga F Main Water Main
JN 2265 Tape Std °F
Surveyed by FE Brooks
Notes F.E.B. Date 25 April 64
Indexed C. J. GALLI

F. B 3407 PG. 43

EO-1
Plan = 0+00
10 sq nail spk
per F.B. 3106-181

BLVD.

CAN

9.0

℄ = 0+00
Start of line
Plan ∡ = 56°
Field ∡ =

TOPANGA

Plan = 0+32

8" Water line

℄ LINE

9.0

Plan = 1+07

℄ = 0+75.2
Spt in line
Plan ∡ = 25°
Field ∡ = 24°54

0+75.2
90.4
1+65.6

PLAN 270

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

8" Water Line

P.I. E.D-2
Plan = 1+71.33
Fd 3/4 bd spk+T
per F.B. 3106-180

Plan = 2+05

℄ = 1+65.6
Spt in line
Plan ∡ = 39°
Field ∡ = 39° 16'

3.0

ENTRADO

℄ LINE

8" Water line

CONT BOT PG 44

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76F309S CE#310 1-65

F. B. 3403 PG 44

1465.6
2 55.3
4+20.9
63.6
4+84.5

PLAN 280

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Plan = 5+41

ENTRADO

℄ LINE

P.I. E.D-3
Plan = 5+06.42
Fd 1K2 + N
Pvt FB. 3406-179

10.0

15' St. R/W

LAND

8" Water line

℄ = 4+84.5
℄ pt. in line
Plan ∡ = 28°
Field ∡ = 30°16'

8" Water line

Plan = 4+59

3.0

℄ = 4+20.9
℄ pt. in line
Plan ∡ = 30°
Field ∡ = 28°33'

℄ LINE

DRIVE

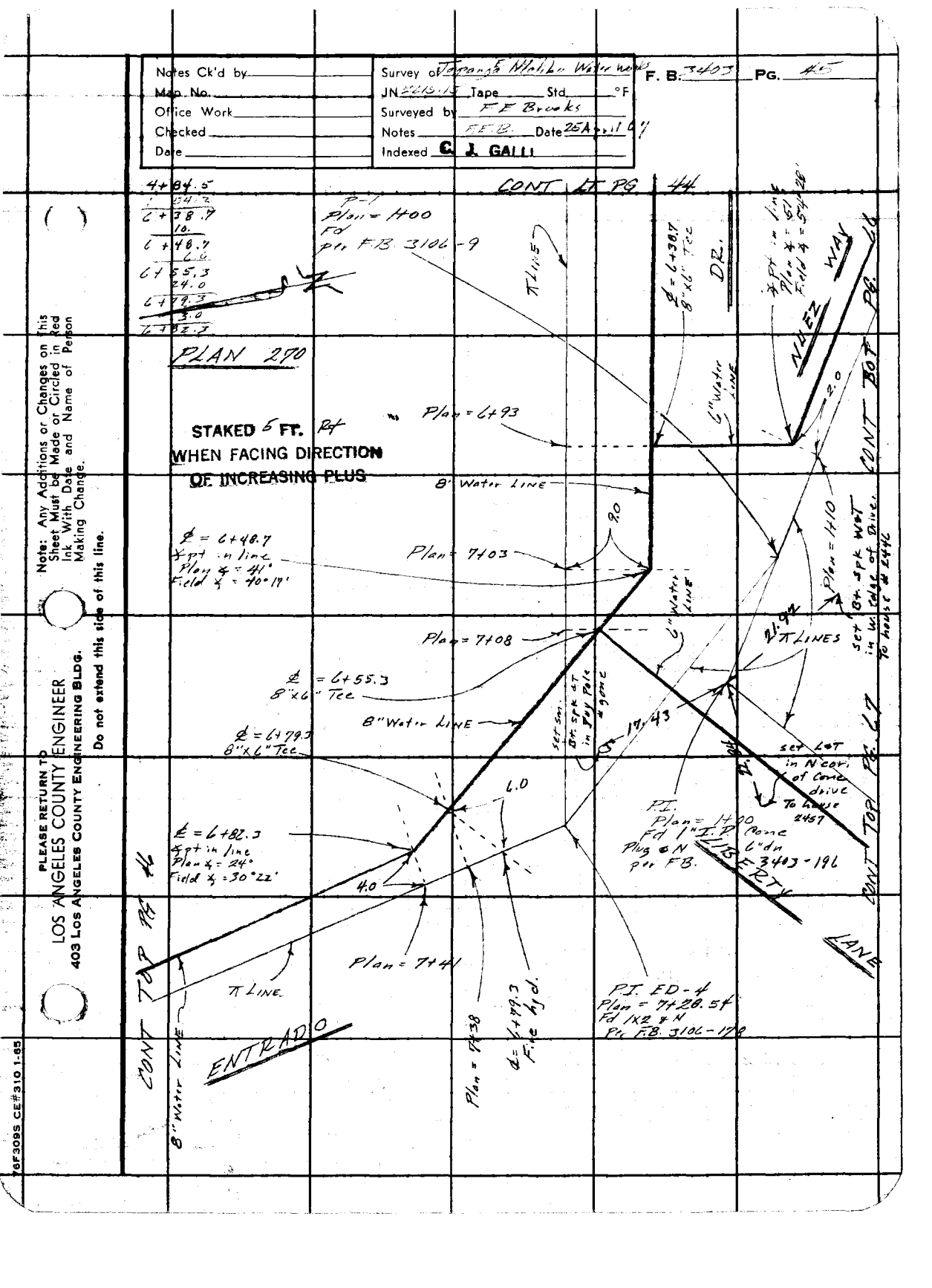
8" Water line

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

CONT. BOT. PG 43

Notes Ck'd by	Survey of Torrance Mal. Lu. Water Works
Map No.	JN 2213-15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 25 Apr. 1967
Date	Indexed C. J. GALLI

F. B. 3403 PG. 45



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76F309S CE#310 1-65

F. B. 3403 Pg 46

CONT LT PG 45

℄ = 7+22.4
*pt. in line
Plan ∡ = 48°
Field ∡ = 48°25'

40

℄ LINE

Plan = 74 81

POT #1
Plan = 74 97.48
Fd Spk ℄
P.R. F.B. 3106-177

8" Water line

℄ LINE

PLAN 270

STAKED 5 FT. R+
WHEN FACING DIRECTION
OF INCREASING PLUS

DR

4+82.3
40.1
7+22.4
80.8
8+03.2
53.8
8+57.0

Plan = 8+64

8.0

℄ = 8+03.2
*pt. in line
Plan ∡ = 25°
Field ∡ = 25°10'

ENTRADO

POT #2
Plan = 8+94.82
Fd. Nail & N
P.R. F.B. 3106-177

8" Water line

℄ LINE

5.0

℄ = 8+58.0
*pt in line
Plan ∡ = 25°
Field ∡ = 26°30'

Plan = 9+29

CONT TOP PG 47

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Notes Ck'd by	Survey of Topanga E Malibu Water Mains F. B. 3403 Pg. 47
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F E B Date 25 April 67
Date	Indexed C. J. GALLI

CONT BOT PG 46

PLAN 270

T LINE

8" Water line

8+50.0
/ 54.6
10+ 19.6
47.0
11+58.6
/ 00.0
12+58.6

Plan = 10+83.

D2.

5.0

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ = 10+11.6
℄pt in line
Plan Δ = 42°
Field Δ = 41°23'

E.D. -6
Plan = 11+16.69
Fd 1X2 ⌀N
per F.B. 3106-176

8" Water line

7.0

℄ = 11+58.6
℄pt in line
Plan Δ = 32°
Field Δ = 35°19'

Plan = 11+52

℄ = 12+58.6
℄pt. in line
Plan Δ = 13°
Field Δ = 15°10'

T LINE

ENTRADO

7.0

Plan = 12+52

8" Water line

CONT TOP PG 48

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76F309S CE#310 1-65

F. B. 3403 Pg 48

CONT BOT PG 49

CONT BOT PG 47

PLAN 270

Plan = 16434
℄ = 14+56.8
Fire hyd

2.0

8" Water lines

Set sm BM
spk & T in
P.P. # 1839 / 18E

DR

℄ = 14+83.8
Pt in line
Plan ∡ = 41°
Final ∡ = 48°47'

5-3.28

CANYON

2.0

T LINES

ENT RHDO

18.54

Set L&T

PLAN 271

Plan = 16481

Extends ℄ = 12+98.2
Contin ℄ = Stands
Inter
8"x6" Tee

CD-13A
Plan = 16486.77
Fd. SPK
Per F.B. 3106-148

64.10

12+58.6
37.2
12+95.8

6" Water line

CD-7 From N
Plan = 13+20.17
CD 14 From N.W
Plan = 17+02.14
Fd. 1X2 & N
Per F.B. 3106-148

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

13+68.0
88.8
14+56.8
27.0
14+83.8
16.4
15+00.2

PLAN 275

DR

Set Sm. BM & T in
RP # 1639 / 19E

T LINE

CANYON

CONT TOP PG. 62

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Notes Ck'd by	Survey of Topanga E. Mal. Ln. Water Work: F. B. 3403 Pg. 49
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes FEB Date 27 Apr. 67
Date	Indexed E. J. GALLI

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

8" Water line

℄ LINE

℄ = 12+98.1
℄ pt in line
Plan ∠ = 14°
Field ∠ = 10°48

CONT TOP

8" Water line

℄ = 13+68.0
℄ pt in Line
Plan ∠ = 37°
Field ∠ = 33°53'

5.0

CD-12
Plan = 14+62.17
Fd Spk ℄
per F.B. 3106-146

Plan = 14+69

℄ LINE

5.0

CANYON

Plan = 15+48

8" Water line

PLAN 271

CD-13
Plan = 15+53.30
Fd Spk ℄
per F.B. 3106-147

11+98.1
97.0
12+68.1
79.9
13+68.0

℄ LINE

DR.

CONT TOP

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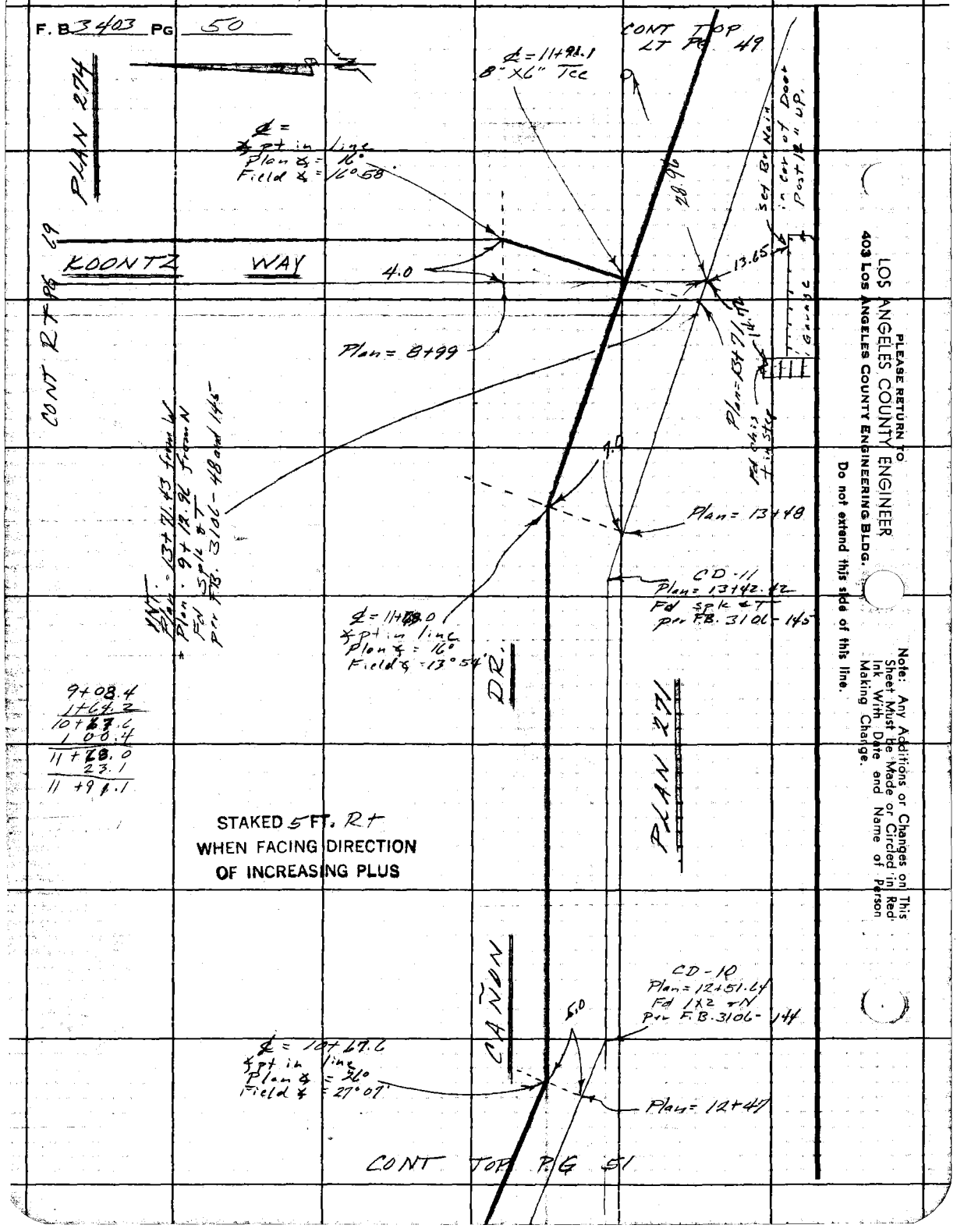
T6F309S CE#310 1-65

F. B 3403 Pg 50



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

Survey of Topanga & Malibu Water Works
JN 2215.15 Tape Std °F
Surveyed by F.E. Brooks
Notes FEB Date 27 April 69
Indexed B. J. GALLI

F. B. 3403 PG. 51

CONT BOT PG 60

CONT BOT PG 71

STAKED 5 FT. Rt WHEN FACING DIRECTION OF INCREASING PLUS

DR.

Plan = 10+84
Fld = 9+08.4
Fld Brg.

Plan = 10+94
Fld = 9+08.4
8" Cr of S

8.0

Bent 5m Bt. Spk & T in P.P. #17532y

8" Water line

Plan = 0+62
Field = 0+63.5

40

℄ Pt in line
Plan Δ = 6°
Field Δ = 8°39

6" Water line

℄ Pt in line
Plan Δ = 79°
Field Δ = 78°29'

Fd chis + in 3" I.P. 18" up Per F.B. 3106-143

PLAN #73

PLAN #71

8.0

10.82

CD-9A
Plan = 10+22.44
=
CW-1
Plan = 0+00
Fd Spk & T
Per F.B. 3106-143

℄ = 8+05.0
℄ Pt in line
Plan Δ = 22°
Field Δ = 23°39'

6.0

21.92

Plan = 9+86

Fd chis + in end of 1/2" bolt in top conc wall per F.B. 3106-143

7+17.7
92.3
8+05.0
98.4
9+08.4

POT #1
Plan 9+78.31
Fd Spk & T
Per F.B. 3106-143

8" Water line

℄ LINE

CONT TOP PG 52

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F 309S CE #310 1-65

F. B. 3403 PG. 52

CONT BOT / PG 51

℄ = 7+12.7
℄ pt in line
Plan ∆ = 22°
Field ∆ = 20°44'

POT #2
Plan = 9+05.81
Fd Spk & T
per F.B. 3106-143

Plan = 8+96

30

8" Water line

℄ LINE

D2

PLAN 271

℄ = 6+48.3
℄ pt in line
Plan ∆ = 13°
Field ∆ = 14°24'

30

Plan = 8+33

5+68.3
30.0
5+98.3
50.0
4+48.3
64.4
7+12.7

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

8" Water line

CD-8
Plan = 8+00.20
Fd Spk & T
per F.B. 3106-142

℄ LINE

CANYON

℄ = 5+98.3
℄ pt in line
Plan ∆ = 22°
Field ∆ = 21°11'

Plan = 7+81

CONT TOP / PG 53

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Office Work
Checked
Date

Survey of Topanga E. Malibu Wks F. B. 3403 Pg. 53
JN 22161-5 Tape Std °F
Surveyed by FE Brooks
Notes F.E.B. Date 26 April 67
Indexed E. J. GALLI

CONT DOT Pg. 52

1+84.3
1 80.4
4+64.7
38.6
4+02.7
66.6
5+68.3 end of day

℄ = 5+68.3
Spt in line
Plan Δ = 11°
Field Δ = 12°51'

Plan = 7152

8" Water line

℄ LINE

DRIVE

PLAN 271

℄ = 5+02.7
Spt in line
Plan Δ = 15°
Field Δ = 13°54'

6.0

CD-7
Plan = 7109.74
Fd Spk & T
per F.B. 3106-141

8" Water line

Plan = 6483

℄ Plan = 6445
Fire Hyd.

℄ LINE

℄ = 4+69.7
Plan = 6445
8" x L" Tee

6.0

CANON

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

CONT TOP Pg 54

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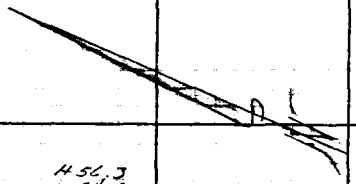
76F309S CE#310 1-65

F. B. 3403 PG 54

CONT BOT PG 53



HSC 3
24.0
1803
104.0
2+84.3

8" Water line

℄ LINE

CO-6
Plan = 4+80.17
Fd Spk & T
per F.B. 3106-140

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

PLAN 271

DR

Set 3/4 in Bt. Spk
& T in 20" oak

28.005

Fd N in
Cone of.
per FB. 3106-
140

30.44

38.99

Set Bt. Spk
& T in guy
Pole #
95 8176
E

Fd N & T in
P.P. # 847361 E
per F.B. 3106-140

32.69

Plan = 4+65
℄ = 2+84.3
℄ pt in line
Plan Δ = 180
Field Δ = 172°06'

℄ LINE and
8" Water line

CP-5
Plan = 3+46.86
Fd 1 X 2 in
per F.B. 3104-139

Plan = 3+62
℄ = 1+80.3
℄ pt in line
Plan Δ = 20°
Field Δ = 12°58'

℄ line

CONT TOP PG 55

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Office Work
Checked
Date

Survey of Topanga E Malibu Water Work F. B. 3403 Pg. 55
JN 2215.15 Tape Std °F
Surveyed by FE Brooks
Notes F.E.B. Date 26 April 67
Indexed C. J. GALLI

CONT BOT PG 54

PLAN 272

℄ = 1252.3
℄ pt in line
Plan Δ = 16°
Field Δ = 25°59'

8" Water line

3437

Plan =

DB

℄ = 0+71.1
℄ pt. in line
Plan Δ = 31°
Field Δ = 26°32'

℄ = 1+09.9
℄ pt in line
Plan Δ = 49°
Field Δ = 52°53'

8" Water line

CONT TOP PG 51

Plan = 2+91

CANON

℄ Lines

Plan = 2+26

7.24

CD-4
Plan = 2+51.88
Fd 1X2 ℄ N
prd FB. 3106-138

16.2

8.13

11.2

Fd chis + rev
FB 3106-138

0+69.9
7.2
0+71.1
38.8
1+09.9
46.4
1+51.3

STAKED 5FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

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76F309S CE#3101-65

F. B. 3403 PG 56

CONT LT PG 56

DR.

℄ Line

0+25.1
38.8
0+61.9
9.2
0+71.1

℄ = 0+61.9
Plan 2+17
8" XC Tee

8" Water line

18.0

0+61.9
Plan 2+17
Fire hyd.

PLAN 272

Plan = 2+10

CANON

CP-3
Plan = 1+97.09
Fd spkd ⊥
Per F.B. 3106-130

℄ = 0+25.1
PT in line
Plan ∡ = 26°
Field ∡ = 29°18'

10.0

Plan = 1+84

℄ = 9+38.9
PT in line
Plan ∡ = 27°
Field ∡ = 27°12'

8" Tee
℄ = 0+00
Sta. of line on
CANON Dr.
℄ = 9+62.9
End of line on
ALTA DR

Set ¾" in. st. sign post

8" water line

B20

Plan = 1+60

Set Sol Rt. Spk in P.P. # 5011 45E

ALTA DR

5.0

41.44

8.0

Plan = 11+19

℄ LINE

DR.

9+80.4
58.0
9+38.9
24.0
9+62.9

18.0

ALTA

CANON DR
CD-2 Plan 1137.86
= ALTA DR
Plan 11+62.43
Fd 1x2
Per F.B. 3106-136

31.82

Set Lg Bt. spk W&T

STAKED 6 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

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Notes Ck'd by	Survey of Topanga F. Malibu Water Works F. B. 3403 Pg. 57
Map No.	JN 22215. 15" Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes F.E.B. Date 1 May 69
Date	Indexed C. J. GALLI

CONT RT PG 56

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

8" Water line

℄ line

ALTA

℄ = 8+80.4
℄ pt in line
Plan ∠ = 15°0
Field ∠ = 15°08'

2.0

Plan = 10+62

7+97.0
19.2
8+12.2
68.2
8+80.4

P.I. #11
Plan = 10+59.94
Fd Spk & T
per F.B. 3106-116

PLAN 272

8" Water line

℄ LINE

℄ = 8+12.2
℄ pt in line
Plan ∠ = 44°
Field ∠ = 45°59'

P.I. #10
Plan = 9+94.61
Fd Sm Bt. Spk & T
per F.B. 3102-115

3.0

Plan = 9+86

℄ line

8" Water line

CONT BOT
PG 58

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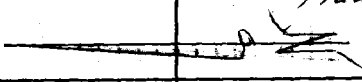
76F309S CE#310 1-65

F. B. 3403 PG 58

CONT BOT PG 59



Plan = 8+19

℄ = 6+59.6
℄pt in line
Plan Δ = 18°
Field Δ = 13°49'

℄ LINE

9.0

8" Water line

P.I. #8
Plan = 6+57.02
Fd 1" I.P. conc Plug and Co Engr Tag
per F.B. 3106-113

℄ = 6+88.0
℄pt in line
Plan Δ = 34°
Field Δ = 31°01'

Plan = 8+66

11.0

PLAN 272

6+17.6
42.0
6+59.4
28.4
6+88.0
1.25
7+93.0

℄ LINE

8" Water line

STAKED 5 FT. ℄
WHEN FACING DIRECTION
OF INCREASING PLUS

P.I. #9
Plan = 9+42.76
Fd. Sm. B.T. SPK & T Post
F.B. 3106-114

℄ = 7+93.0
℄pt in line
Plan Δ = 47°
Field Δ = 42°47'

5.0

Plan = 9+69

CONT RT PG 57

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Notes Ck'd by	Survey of Topanga E Malibu Water Works F. B. 3403 PG. 59
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 28 Apr. 67
Date	Indexed G. J. GALLO

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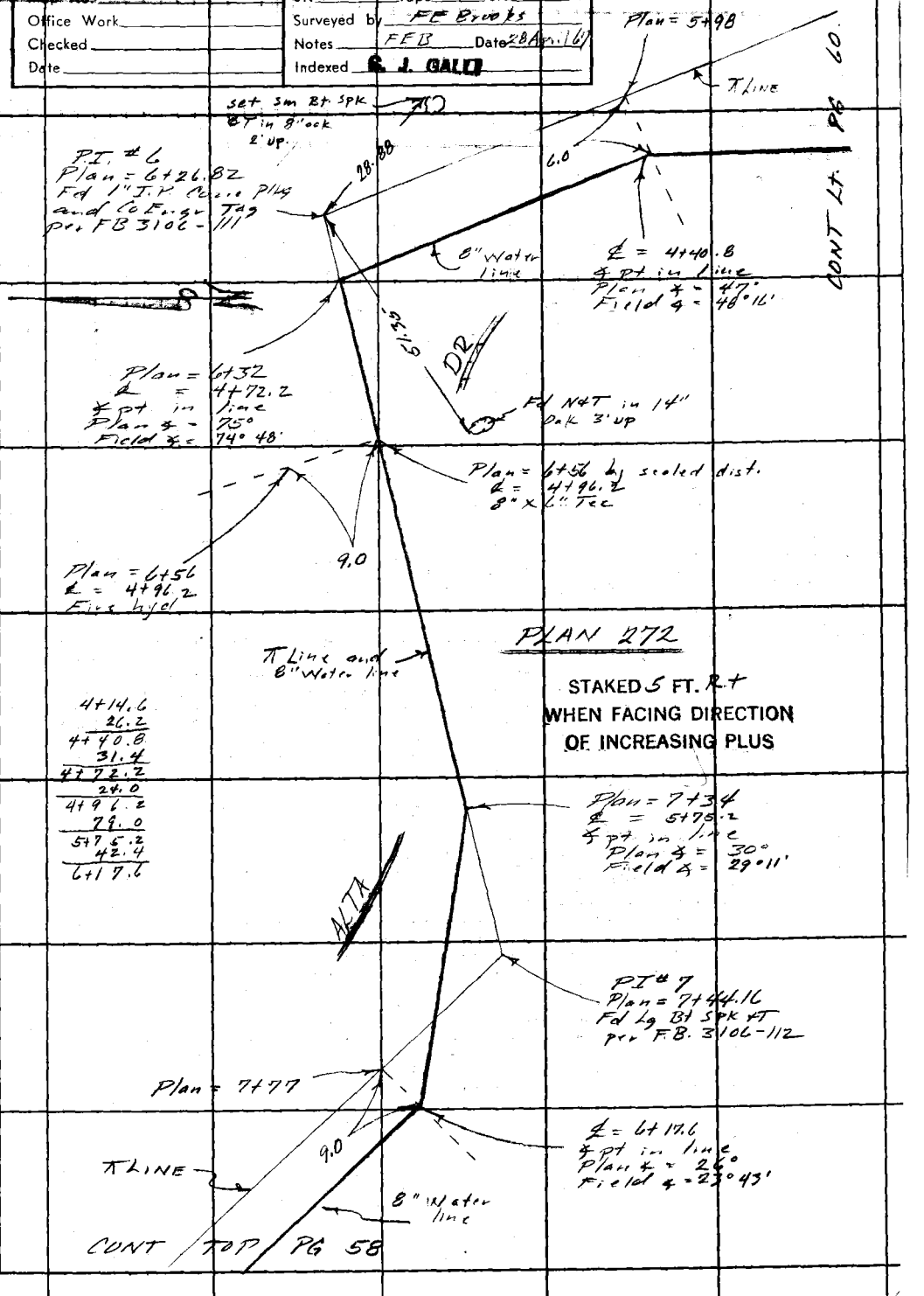
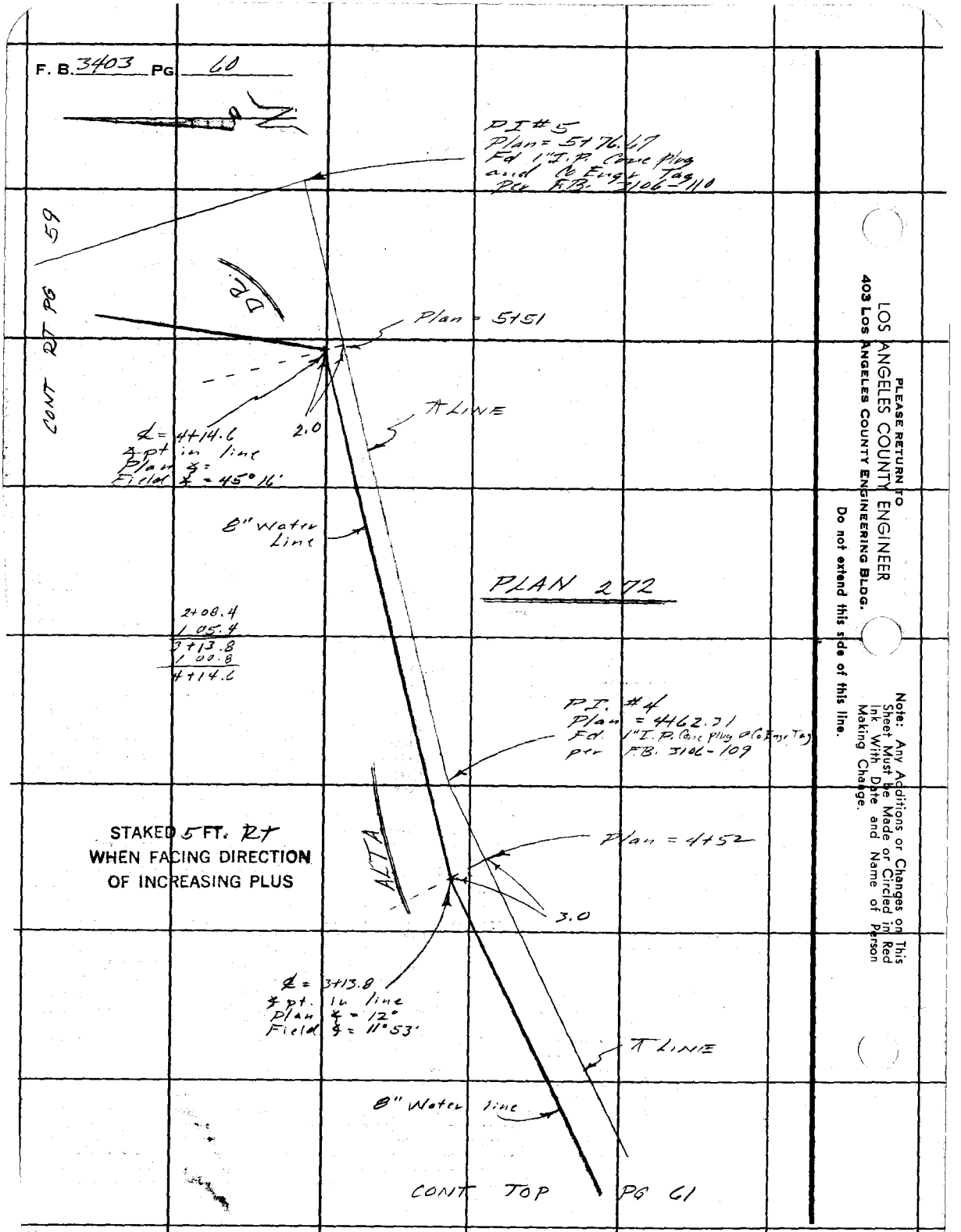


F. B. 3403 PG 60



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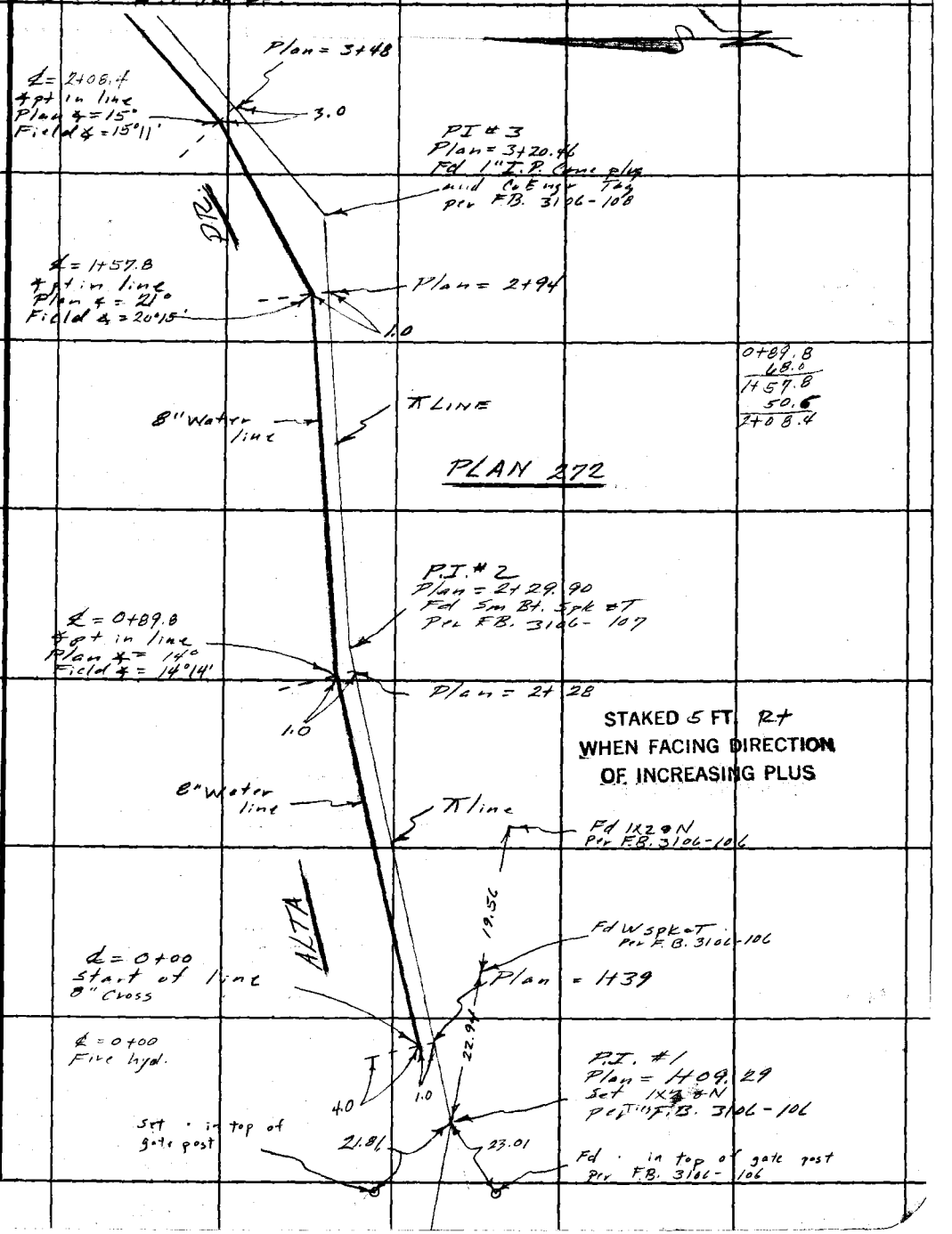
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Topanga E Malibu Water Mains F. B. 3403 Pg. 61
JN 22/5.15 Tape Std °F
Surveyed by F E Brooks
Notes F.E.B. Date 28 Apr. 1967
Indexed C. J. GALLI

CONT. FROM PG 60.



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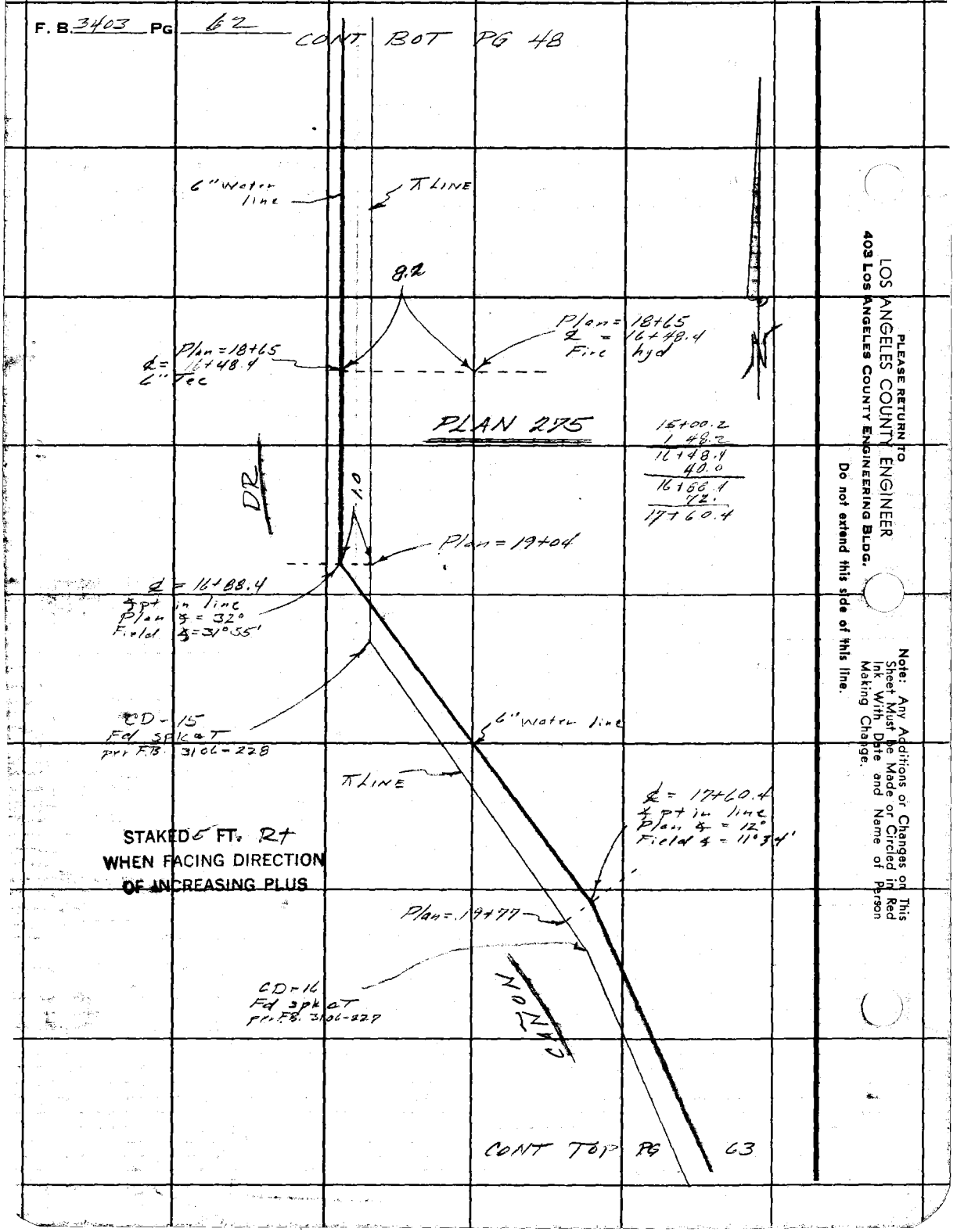
76F3095 CE#310 1-65

F. B. 3403 PG 62 CONT BOT PG 48



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

Survey of Topanga E. Malibu Water
JN 2215.15 Tape _____ Std _____ °F
Surveyed by F E Brooks
Notes F.E.B. Date May 67
Indexed C. J. GALLI

Notes F. B. 3403 Pg. 63

CONT. BAT. PG. 62

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

PLAN 275

℄ "Water line

℄ LINE

D2

℄ = 18+34.4
℄pt in line
Plan ∡ = 27°
Field ∡ = 23°42'

CO-17
Fd Spike
Prr F.B. 3106-227

4.0

Plan = 20+52

6" Water line

Plan = 21+28
℄ = 19+62.0
6" Tee

Plan = 21+08
℄ = 19+62.0
Fire Hyd.

P-5
Plan = 19+92.37
Fd Iron
Prr F.B. 3106-13

℄ LINE

℄pt in line
Plan ∡ = 39°
Field ∡ =

WAY

CONT. BAT. PG 64

Plan = 7+93

6.0

6" Water lines

NUEZ

CANYON

17+60.4
74.0
18+34.4
27.6
19+62.0
30.0
19+92.0

℄ LINE

4.0

6" Water line

Plan = 8+69

89° 27'
℄pt in line
Field ∡ =

4.0

Plan = 22+08

6.0

℄ = 19+92.0
℄pt in line
Plan ∡ = 64°
Field ∡ = 60°07'

Inter
22+24.96
Fd Spike
Prr F.B. 3106-226

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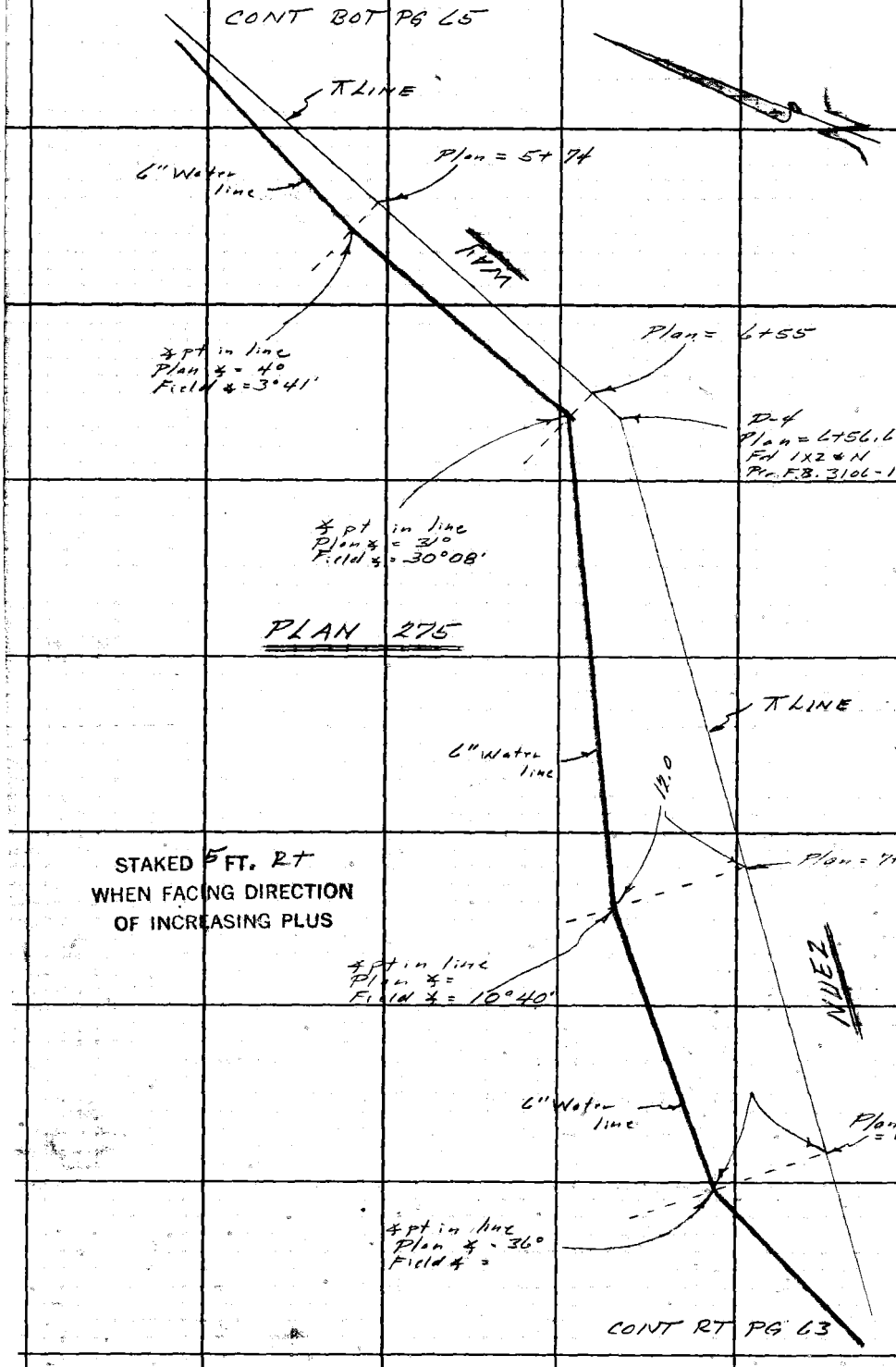
76F309S CE#310 1-65

F. B. 3403 PG 64

CONT BOT PG 65



STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

CONT RT PG 63

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403 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of Topanga E Malibu Wtrs	Works F. B. 3403 PG. 65
Map No.	JN 2215.15 Tape Std °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes F.E.B. Date 8 May 69	
Date	Indexed E. J. GALLI	

CONT Rt. PG 64

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ = ℄ pt in line
Plan Δ = 3°
Field Δ = 4°22'

℄ Line

Plan = 4+35

℄ = Fire hyd.

7.0

Plan = 4+39

℄ = 6" Tac

PLAN 275

WAY

6" Water line

℄ = ℄ pt in line
Plan Δ = 45°
Field Δ = 45° 23'

Fd Nail in 26" Pine
Pr. F.B. 3106-11

Plan = 5+15
14.28

6" Water line

P-3
Set 1x2 N
pk Rec ℄ and dist
from P-4

NUEN

31.01

℄ Line

Fd Nail & tag for pole # 175 2/5

CONT. TOP PG 64

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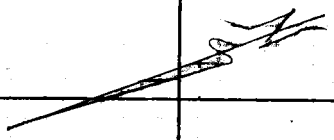
76F309S CE#310 1-65

F. B. 3403 PG 66



P-2
Plan = 2+20.20
Ft. 1.2 ℄ N
pr. F.B. 3106-10

Plan 2+46

℄ LINE

3.00

℄ pt in line
Plan ∡ = 17°
Field ∡ = 15°22'

6" Water line

3.0

Plan = 2+09

℄ pt. in line
Plan ∡ = 29°
Field ∡ = 29°46'

WAY

℄ pt in line
Plan ∡ = 12°
Field ∡ = 11°42'

Plan = 1+85

2.0

6" Water line

℄ LINE

NUEZ

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

CONT RT PG 45

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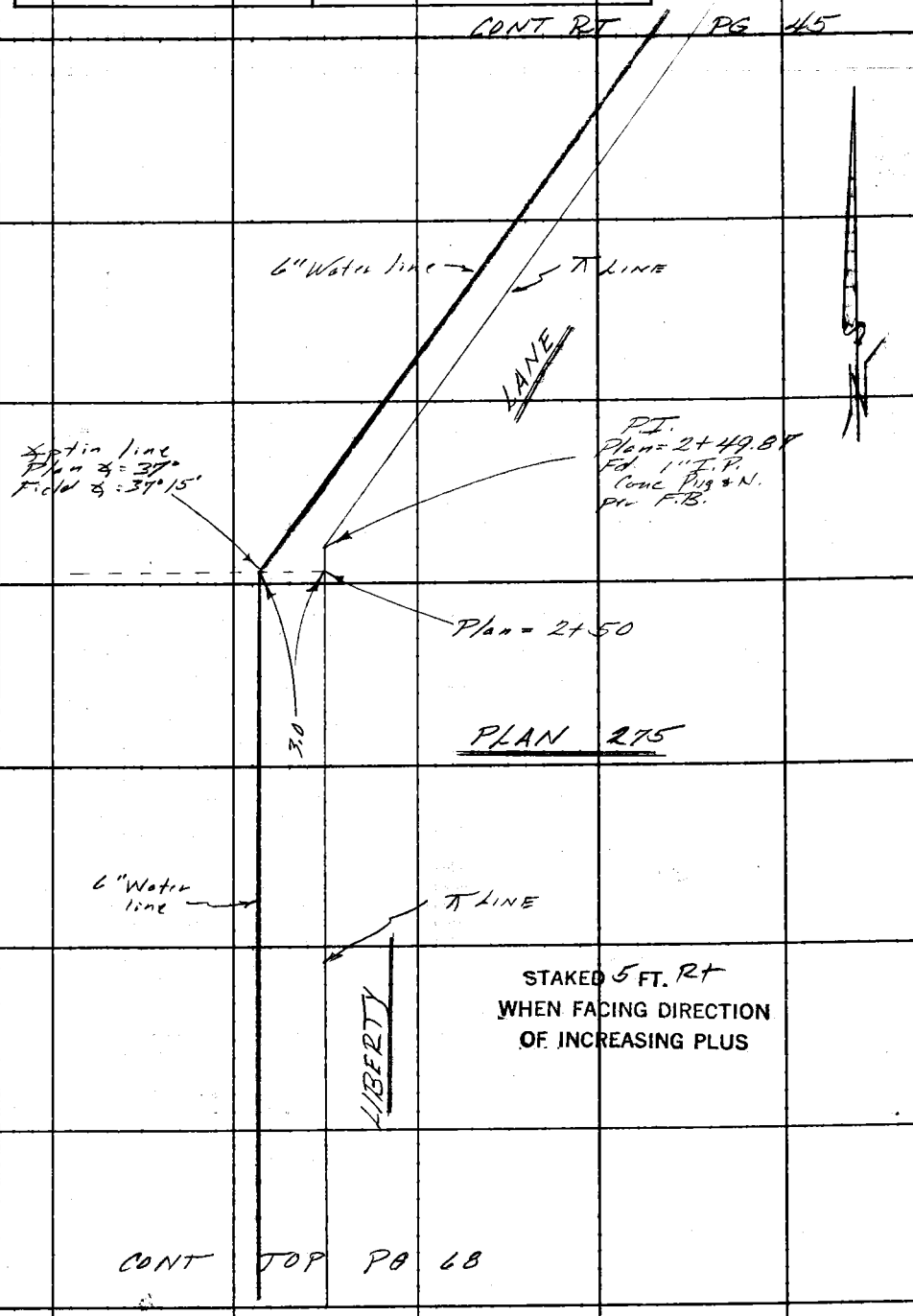
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Topanga E. Malibu Water
JN 2215.15 Tape Std °F
Surveyed by F.E. Brooks
Notes F.E.B. Date 8 May 67
Indexed C. J. GALLI

Work F. B. 3403 PG. 67

CONT. RT PG 45



CONT TOP PG 68

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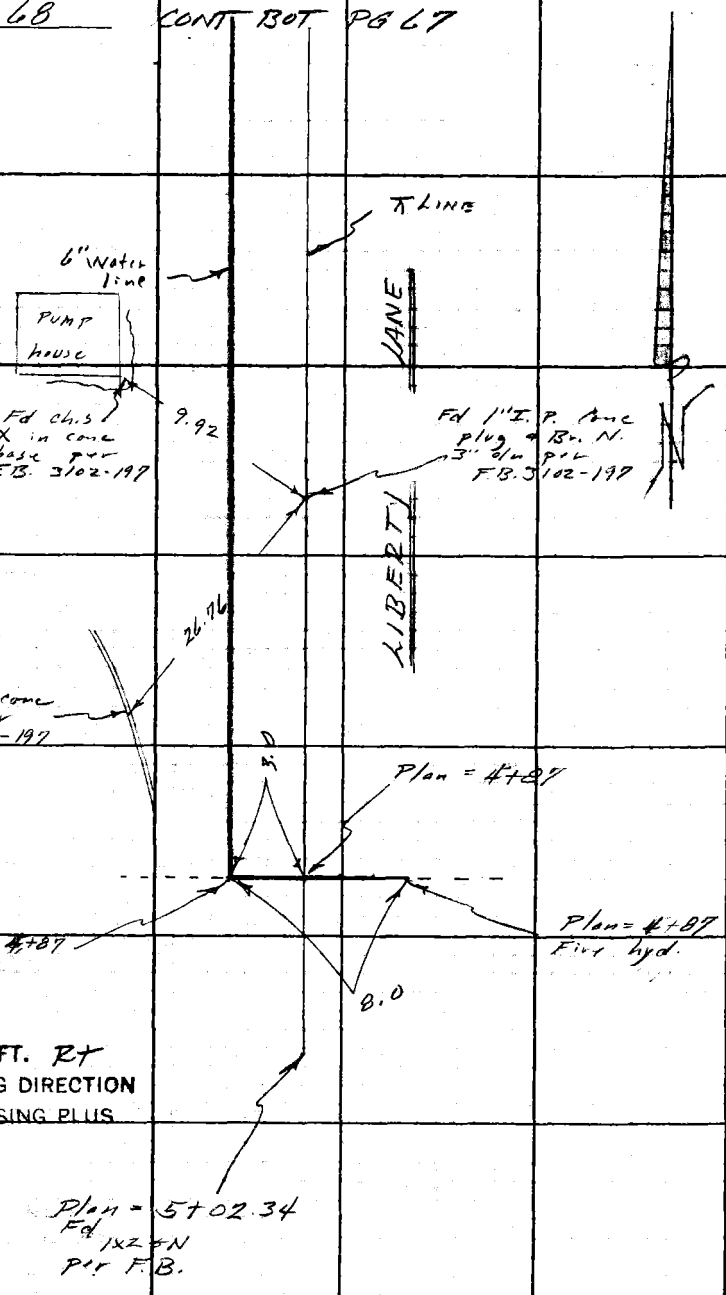
76F309S CE#310 1-65

F. B. 3403 PG. 68 CONT BOT PG 67



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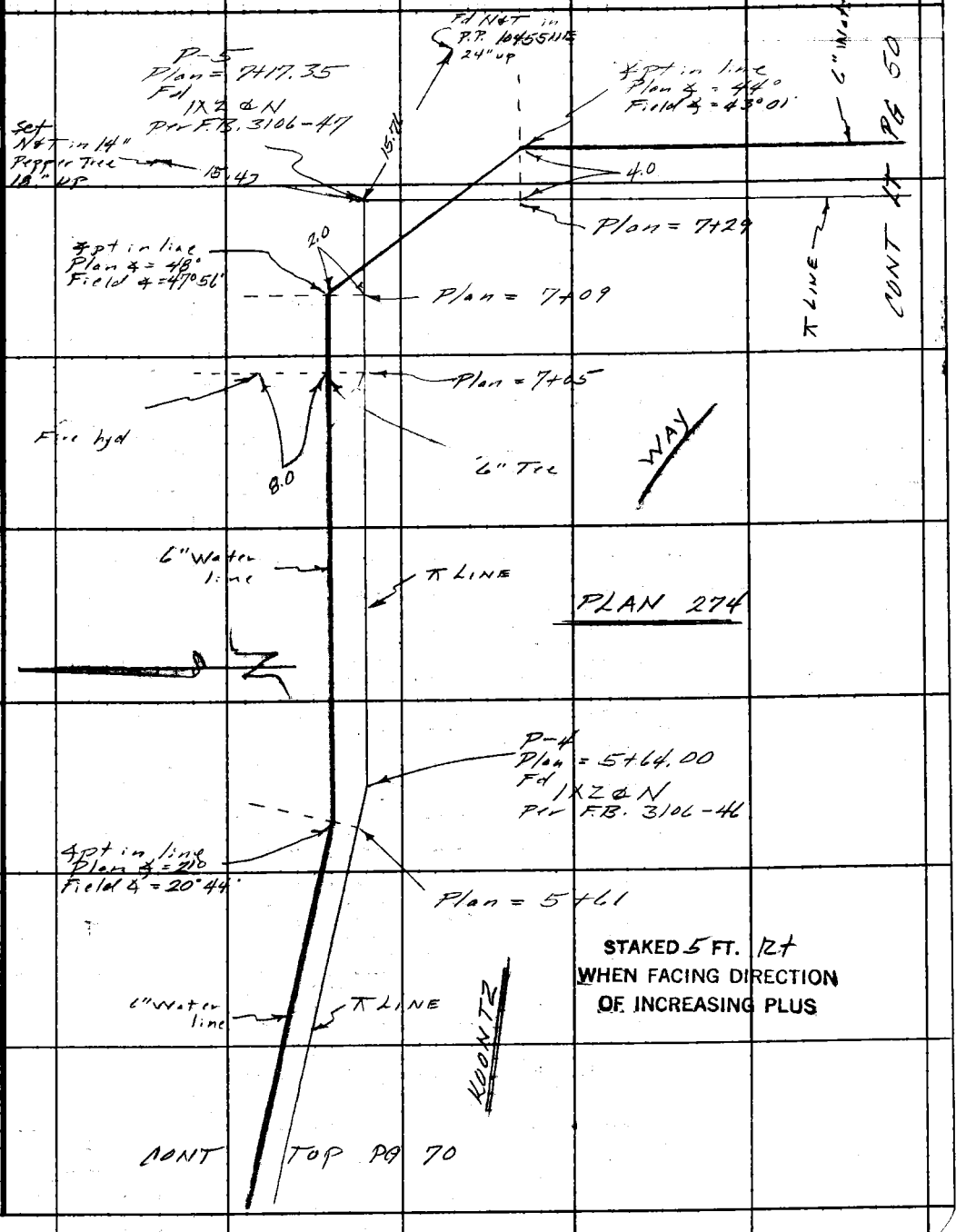
Notes Ck'd by	Survey of Topanga E Malibu Water Works
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by FEB crews
Checked	Notes F.E.B. Date 5 May 65
Date	Indexed C. J. GALLI

F. B. 3403 PG. 69



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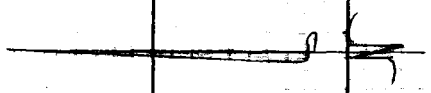
76F309S CE#310 1-65

F. B. 3403 PG. 70

CONT BOT PG 69



STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

6" Water line

℄ LINE

WAY

PLAN 274

4 Pt in line
Plan ∠ = 40°
Field ∠ = 41°30'

2.0

Plan = 3+44

6" Water line

4 Pt in line
Plan ∠ = 33°
Field ∠ = 32°03'

P-3
Plan = 3+43.21
Fd
1x2 & N
per FB. 3106-45

2.0

℄ LINE

P-2
Plan = 2+52.95
Fd
1x2 & N
per FB. 3106-44

Plan = 2+64

KOONTZ

3 Pt in line
Plan ∠ = 29°
Field ∠ = 29°23'

Plan = 2+41

2.0

℄ LINE

6" Water line

Plan = 1+08
3 Pt = 90°

Fd Wat. Tap Loc. per FB. 3106-44

Plan = 1+08

Plan = 0+98
Field

P-1
1+00
Fd
1x2 & N
per FB. 3106-44

6.0

2.0

Fd chis + in curb
2' W of porch per
FB. 3106-44

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Notes Ck'd by	Survey of Topanga E. Malibu Water Works F. B. 3405 PG. 71
Map No.	JN 22/5.15 Topo Std °F
Office Work	Surveyed by FE Brooks,
Checked	Notes FEB. Date 4 May 69
Date	Indexed C. J. GALLI

CONT LT PG 72

CW-3
Plan = 4+10.15
Fd 1X2"N
Ptr F.B. 3106-200

WAY

Plan = 4+04

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

2.0

℄ pt in line
Plan ∡ = 20°
Field ∡ = 20°14'

℄ LINE

6" water line

CW-2
Fd 1X2"N
Ptr F.B. 3106-199

PLAN 273

Plan = 3+23
℄ pt in line
Plan ∡ = 45°
Field ∡ = 45°47'

℄ LINE and 6" water line

COR VO

Plan = 14+76
℄ pt in line
Plan ∡ = 6°
Field ∡ = 8°34'

CONT TOP PG 51

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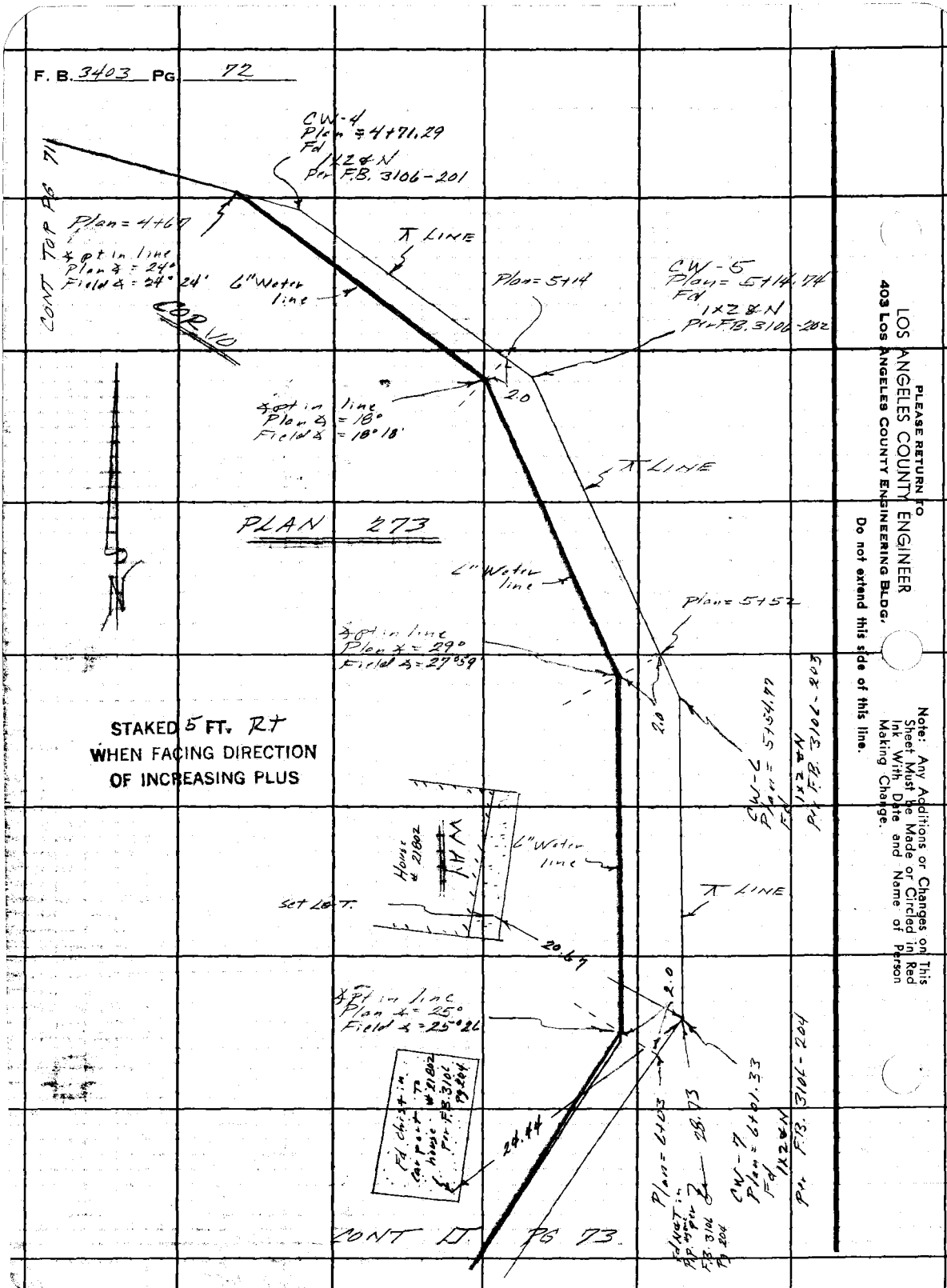
76F309S CE#310 1-65

F. B. 3403 Pg. 72



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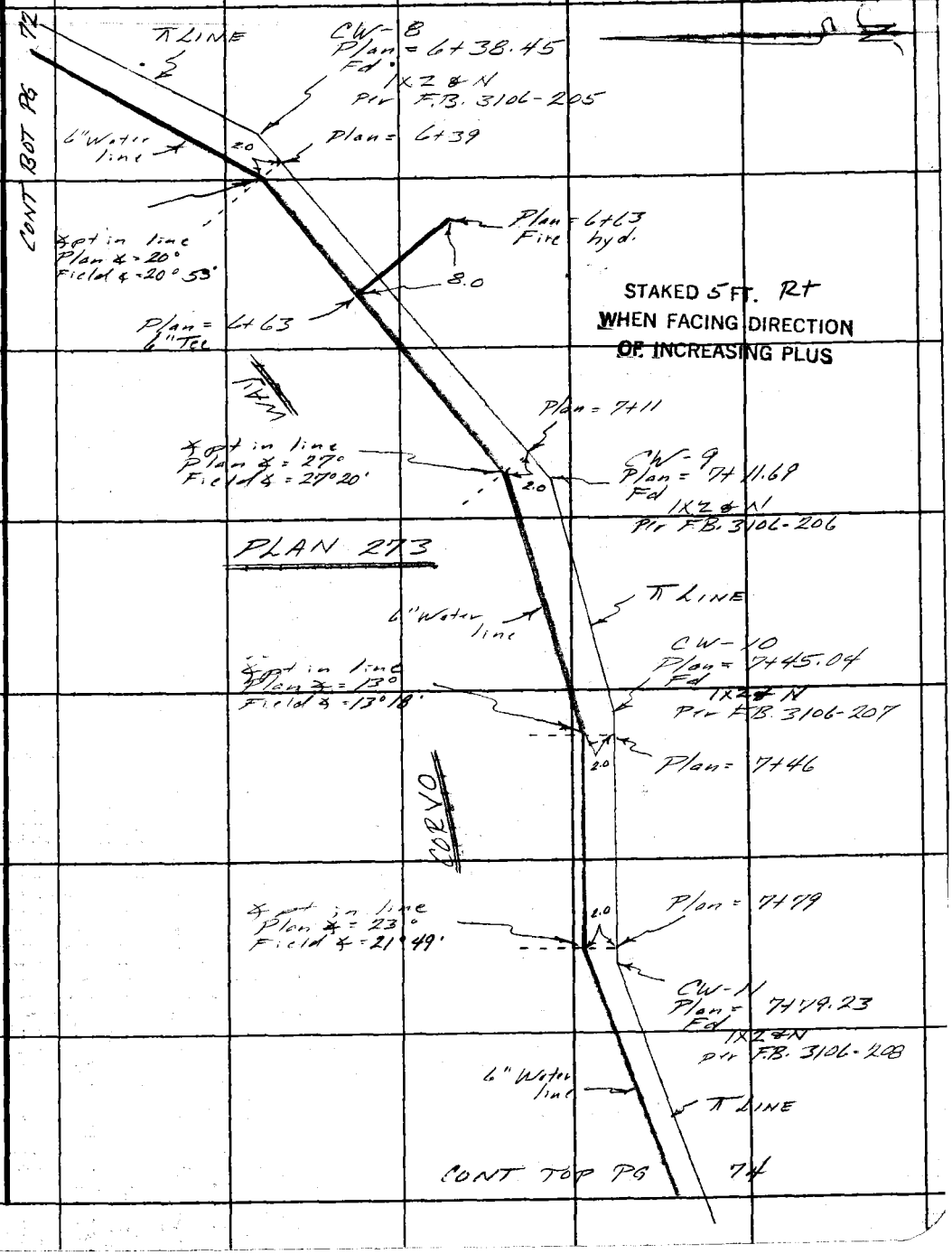
Office Work
Checked
Date

Survey of Topanga E Malibu Water Works F. B. 3403 PG. 73
JN 2215.15 Tape Std °F
Surveyed by F E Brooks
Notes F.E.B. Date 4 May 68
Indexed C. J. GALLI



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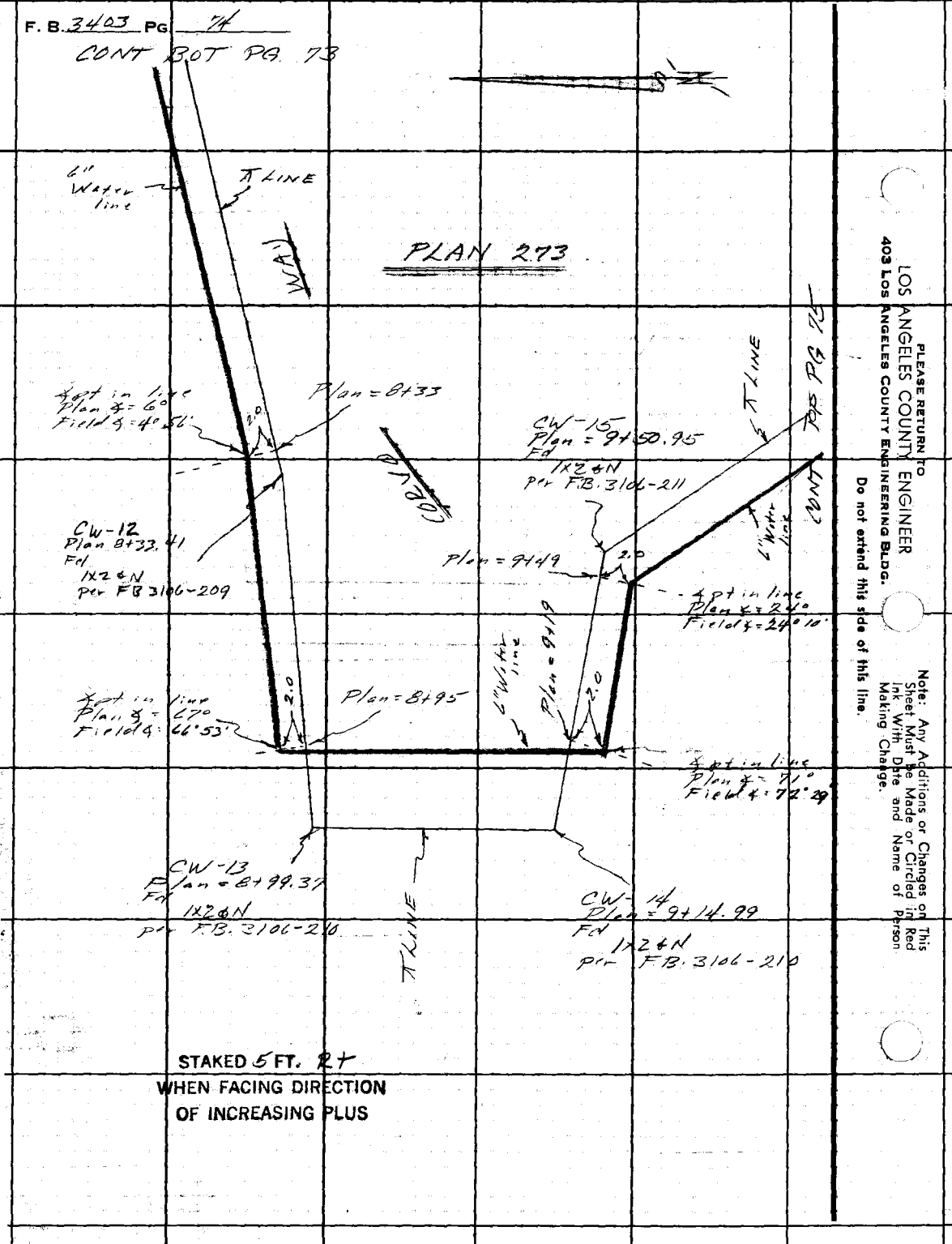
76F309S CE#310 1-65

F. B. 3403 PG 74

CONT FROM PG 73



STAKED 5 FT. R ℄
WHEN FACING DIRECTION
OF INCREASING PLUS

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

Survey of Topanga E. Malibu Area
JN 2215.15 Tape Std °F
Surveyed by F E Brook,
Notes F. B. Date 5 May 65
Indexed C. J. GALLI NOV 2 2 '67

Users F. B. 3403 PG. 75

CONT RT PG. 74

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 9+84

CW-16
Plan = 9+85.83
Fd 1X2#N
prr F.B. 3106-212

*pt in line
Plan ∠ = 55°
Field ∠ = 53°09'

5.0

PLAN 273

W.L.

*pt in line
Plan ∠ = 21°
Field ∠ = 22° 38'

9.0

CW-17
Plan = 10+18.44
Fd 1X2#N
prr F.B. 3106-213

Plan = 10+25

CONC. WALL

NAT in Pole Pit 3106-214

Fd 12" F.B.

Plan = 11+09

CW-18
Plan = 10+65.98
Fd 1X2#N
prr F.B. 3106-214

Plan = 12+13
Fire hyd.

*pt in line
Plan ∠ = 67°
Field ∠ = 67°33'

24.10

8.48

4.0

6.0

Plan = 12+13
6" Tee

CW-19
Plan = 11+38.76
Fd 1X2#N
prr F.B. 3106-214

Plan = 11+71

*pt in line
Plan ∠ =
Field ∠ = 69°19'

CW-20
Plan = 12+03.95
Fd 1X2#N
prr F.B. 3106-215

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F6F309S CE#310 1-65

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F. B. 3403 PG. 74

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

Survey of Topanga E. Malibu Water Works F. B. 3403 PG. 77
JN 2215.15 Tape Std °F
Surveyed by FE Brooks
Notes FEB Date May 64
Indexed G. J. GALLI NOV 21 '67

JN 2215.15

TOPANGA E. MALIBU WATER WORKS

DISTRICT No 29

CHENEY	DRIVE	
CALLON	DRIVE	
PENNY	ROAD	
PARADISE	LANE	
SYLVANIA	LANE	
WATER WORKS	PLANS	250 To 256

FE Brooks
P Harrington
GE Cook
M Sonnenschein

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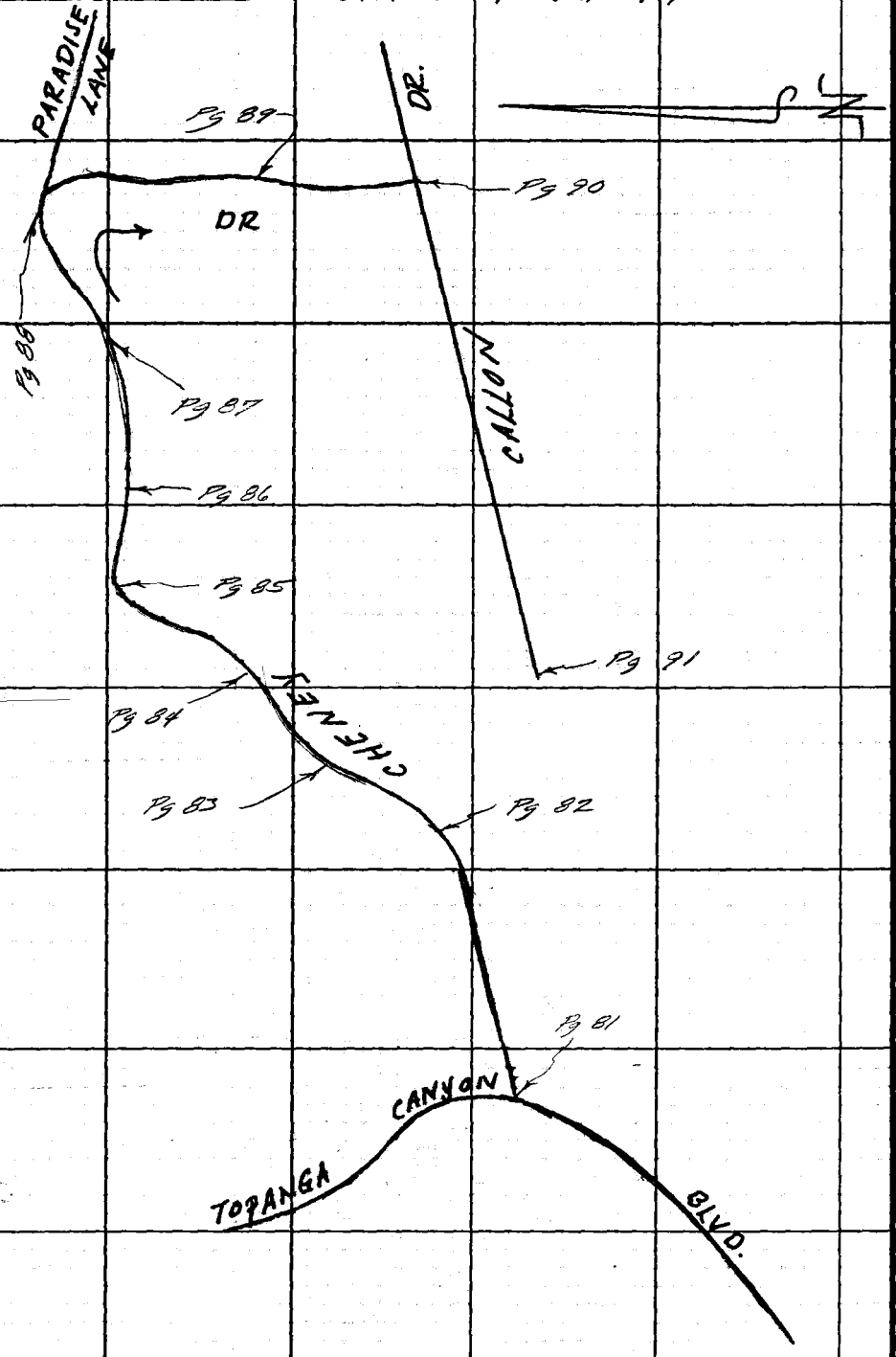
76F309S CE#310 1-65

F. B. 3403 Pg. 78

CONT BOT PG 79



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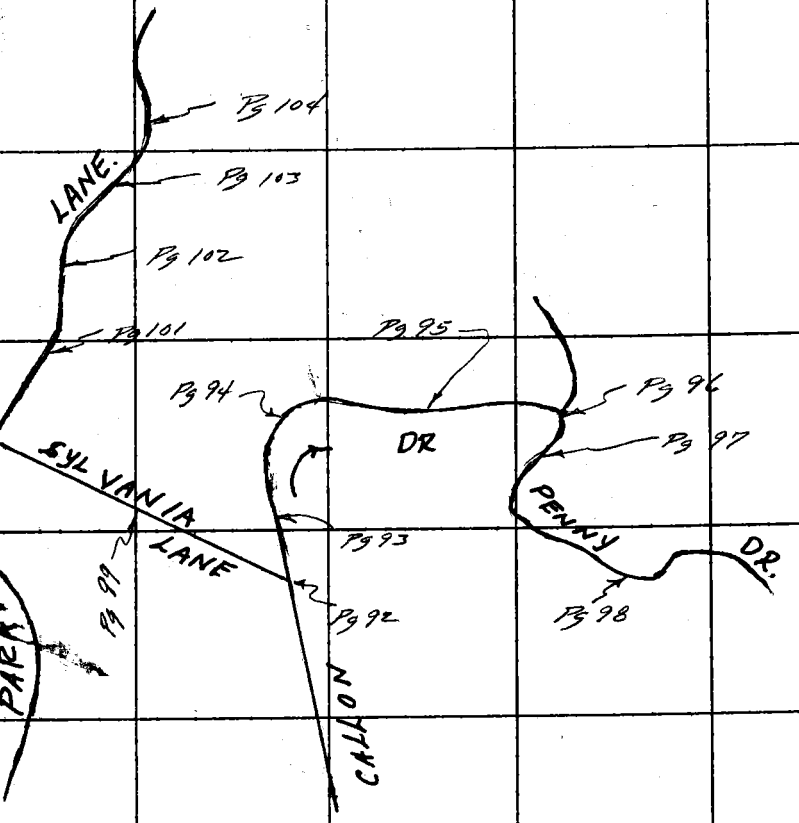
Notes Ck'd by	Survey of Topanga E Malibu Water	Winks F. B. 3403 PG. 79
Map No.	JN 2215.75 Tape Std °F	
Office Work	Surveyed by FE Brooks	
Checked	Notes FEB Date May 67	
Date	Indexed G. J. GALLI	



CONT TOP PG 78

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76F309S CE#310 1-65

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F. B. 3403 PG 80

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

Survey of Topanga E. Malibu 46A Mod.
JN 22151.15 Tape Std °F
Surveyed by F E Brooks
Notes F.E.B. Date 18 NOV 67
Indexed C. J. GALL

F. B. 3463 PG. 81

CONT. BOT PG 82

6"x6" Tee
Fire hyd.
Plan = 5456
5.0
DR.
PI #1
Plan = 4464.38
Fd Ct. Spk ⊕W
per F.B. 3102-44
℄PT #1
Plan Δ = 21°
Field Δ = 20°46'
Plan = 4445
8" Water line
L.0
PLAN 250
℄ LINE
CHENEY
℄PT
Plan Δ = 8°
Field Δ = 10°46'
L.0
℄PT
Plan Δ = 8°
Field Δ =
Plan = 0+75
Plan 0+38.59
Fd BT. Spk ⊕BT
per F.B. 3102-43
Plan = 0+38
13.0
TOPANGA CANYON BLVD
Plan = 0+00
Fd nothing

STAKED 5 FT. BY
WHEN FACING DIRECTION
OF INCREASING PLUS

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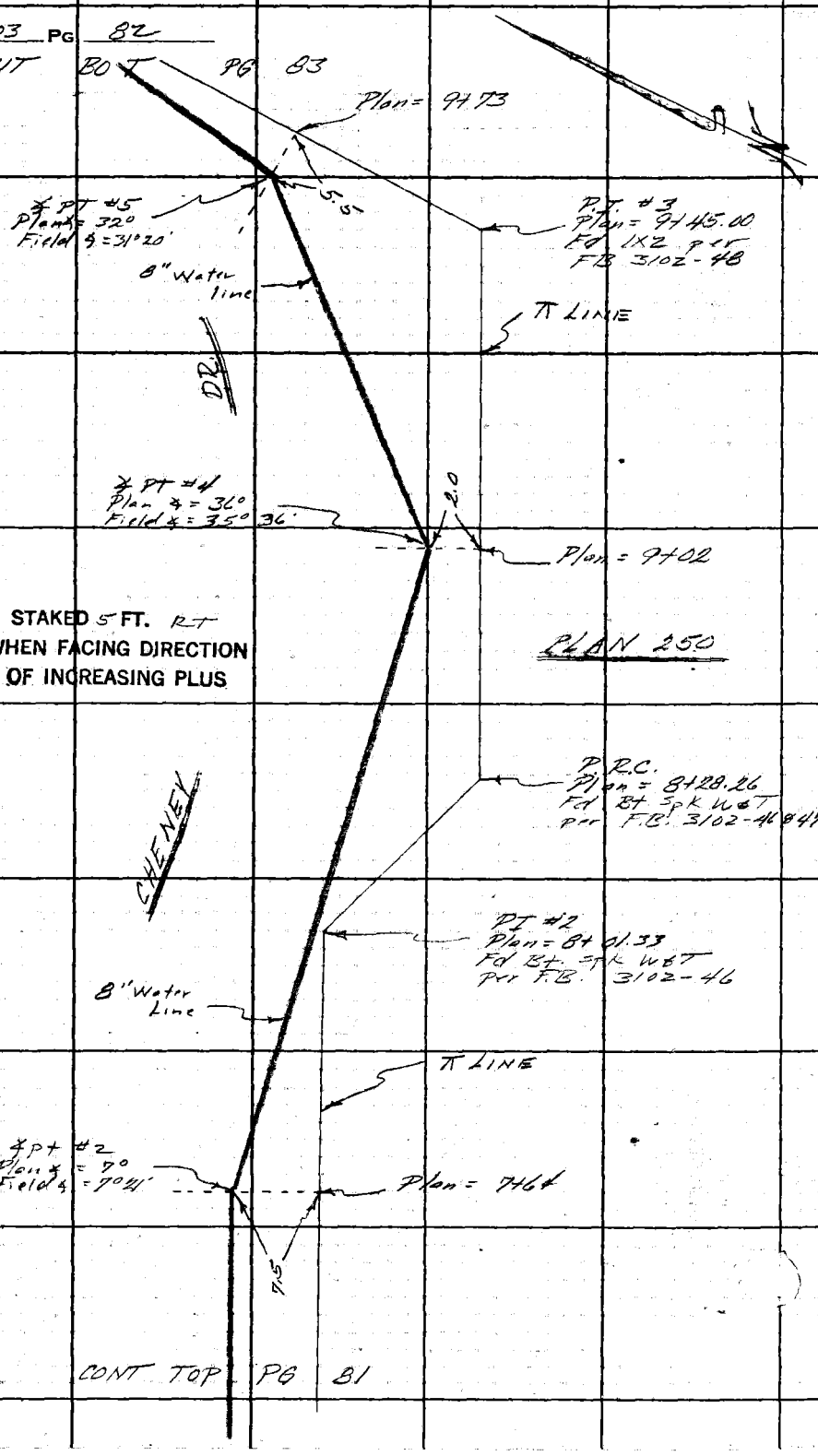
76F309S CE#310 1-65

F. B. 3403 PG 82

CONT BOT PG 83



CONT TOP PG 81

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Notes Ck'd by	Survey of Topanga E. Malibu Water Dist. F. B. 3403 PG. 83
Map No.	JN 22/5.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 19 May 57
Date	Indexed C. J. GALLI

CONT / BOT PG 84

PT #5
Plan = 11+81.83
Fd BT. Spk W&T
Per F.B. 3102-51

Plan = 11+79

3.0'

℄ PT #9
Plan ∡ = 19°
Field ∡ = 20°34'

8" Water line

℄ LINE

11.0

Plan = 11+31

℄ PT #8
Plan ∡ = 26°
Field ∡ = 23°05'

DR

PLAN 250

PI #4
Plan = 10+92.52
Fd BT. Spk W&T
Per F.B. 3102-50

Plan = 10+92

℄ PT #7
Plan ∡ = 29°
Field ∡ = 31°50'

7.0'

PRC
Plan = 10+61.74
Fd BT. Spk W&T
Per F.B. 3102-49

8" Water line

℄ LINE

CHENEY

Plan = 10+26
℄ PT #6
Plan ∡ = 26°
Field ∡ = 27°09'

STAKED 5 FT. RT.
WHEN FACING DIRECTION
OF INCREASING PLUS

CONT TOP PG 82

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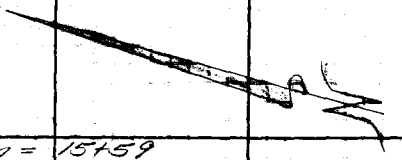
F6F309S CE#310 1-65

F. B. 3403 PG. 84

CONT 2T. - PG 85



Plan = 15+59

℄ PT #13
Plan ∡ = 10°
Field ∡ = 10°46'

5.0

STAKED 5 FT. RT.
WHEN FACING DIRECTION
OF INCREASING PLUS

20

PT #6
Plan = 14+90.67
For 1X28 N T&F
FB. 3102-53

℄ PT. #12
Plan ∡ = 18°
Field ∡ = 16°51'

18.0

Plan = 14+83

8" Water LINE

PLAN 250

14.0

Plan = 14+38

℄ Pt #11
Plan ∡ = 15°
Field ∡ = 15°35'

℄ LINE

CENTER

12.0

Plan = 12+15

℄ Pt #10
Plan ∡ = 16°
Field ∡ = 14°00'

9.0

Fire hyd

Plan 12+01
8" X 6" Tee

CONT TO PG 83

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Notes Ck'd by	Survey of Topanga E. Malibu Water Works F. B. 3403 PG. 85
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F.E.Brooks
Checked	Notes F.E.B. Date 22 May 67
Date	Indexed C. J. GALLI

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

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PT. # 17
Plan = 18+84.72
Field = N2 ~ W
Per FB 3112-54
Field Meas. = 1848.71

℄ PT #14
Plan Δ = 35°
Field Δ =

Plan = 18+52

℄ LINE

℄ LINE

℄ PT #16
Plan Δ = 34°
Field Δ = 77°51'

Fire Hyd.

8"XL" Tee

12.0

5.0

Plan = 18+14

20.0

8" WATER LINE

4.0

Plan = 19+51

℄ PT #15
Plan Δ = 43°
Field Δ = 43°18'

TOP PG 84

CONT

Plan = 18+02

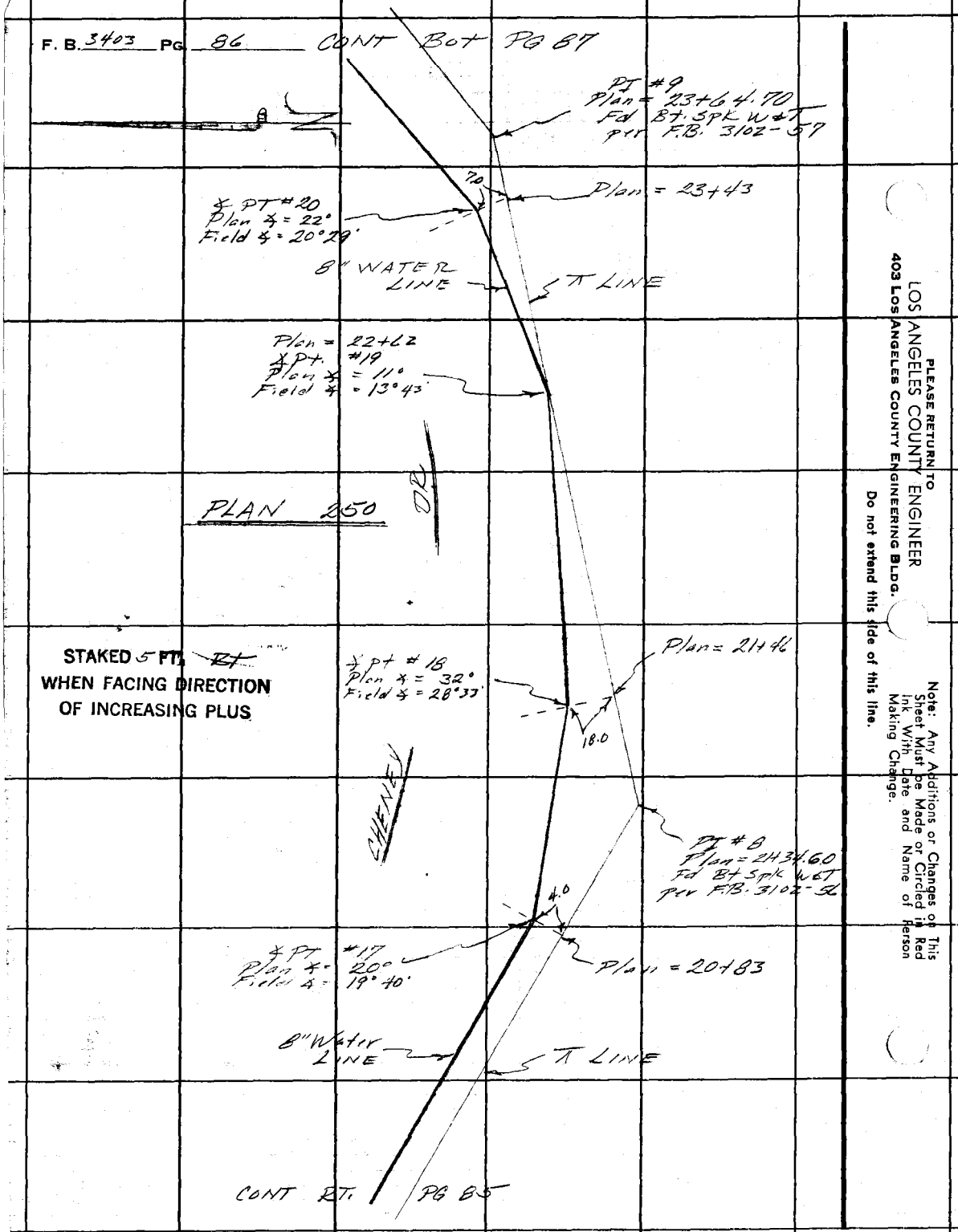
CHENEY

PLAN 250

CONT. BOT PG 86

76F3093 CE#310 1-65

F. B. 3403 PG. 86 CONT Bot PG 87



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Notes Ck'd by	Survey of Topanga E. Malibu Water Works F. B. 3403 PG. 87
Map No.	JN 22.15.15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 22 N/14 67
Date	Indexed C. J. GALLI

CONT LT. PG 88

Plan = 26+65
Field = 26+53.7
Air and Vacuum Release Valve

7.0

DR

PI #10
Plan = 26+54.68
Field = 26+19.68
Fd Bt. Spk. WET
per F.B. 3102-58

XPt #22
Plan Δ =
Field Δ = 33° 11'

6.0

Plan = 26+68
Field = 26+19

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

8" WATER LINE

℄ LINE

PLAN 251

CHEVEY

XPt #21
Plan Δ = 5°
Field Δ = 7°42

Plan = 24+45

7.0

5.0

Fire Hyd.
8"x6" Tee

Plan = 23+95

CONT TOP PG 86

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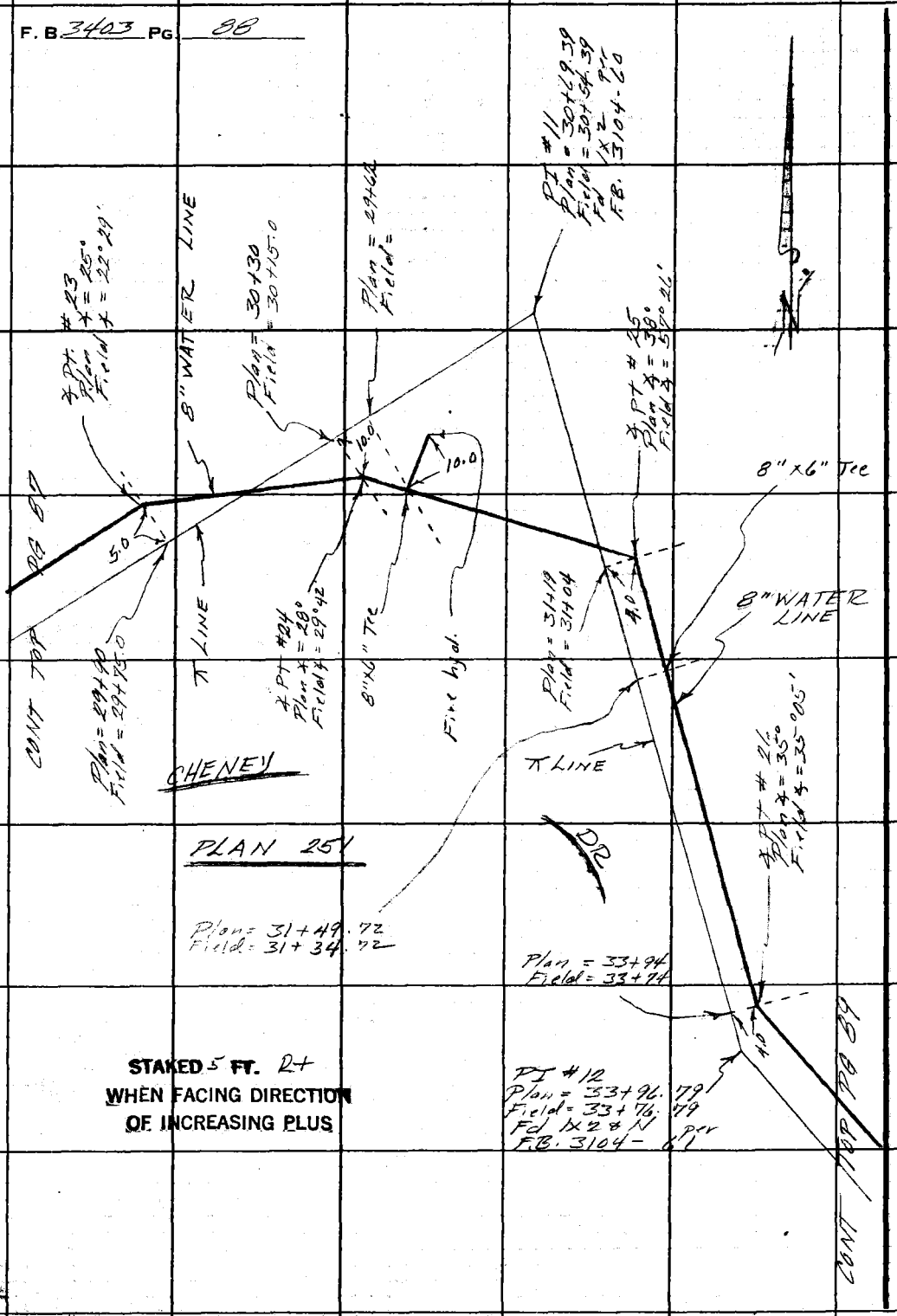
76F309S CE#310 1-65

F. B. 3403 PG. 88



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Notes Ck'd by	Survey of Topanga E. Malibu Water Mains F. B. 3403 PG. 89
Map No.	JN 12.15.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 23 May 64
Date	Indexed C. J. GALLI

CONT RT PG 88

℄ PT # 27
Plan ℄ = 31°
Field ℄ = 31°15

50

Plan = 33+67
Field =

PT # 13
Plan = 35+07.94
Field = 35+47.94
Fd BM. Spk & T
Rec F.B. 3104-62

20.0

Fire hyd

8" x 6" Tee

Plan = 34+18
Field = 35+48

CHENEY

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

PLAN 251

8" WATER LINE

℄ LINE

℄ PT # 28
Plan ℄ = 43°
Field ℄ = 42°54'

0.40

PT # 14
Plan = 377+44.52
Field = 377+24.52
Fd 1x2 ± N P.L.
F.B. 3104-63

DR.

CONT LT PG 90

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76F309S CE#310 1-65

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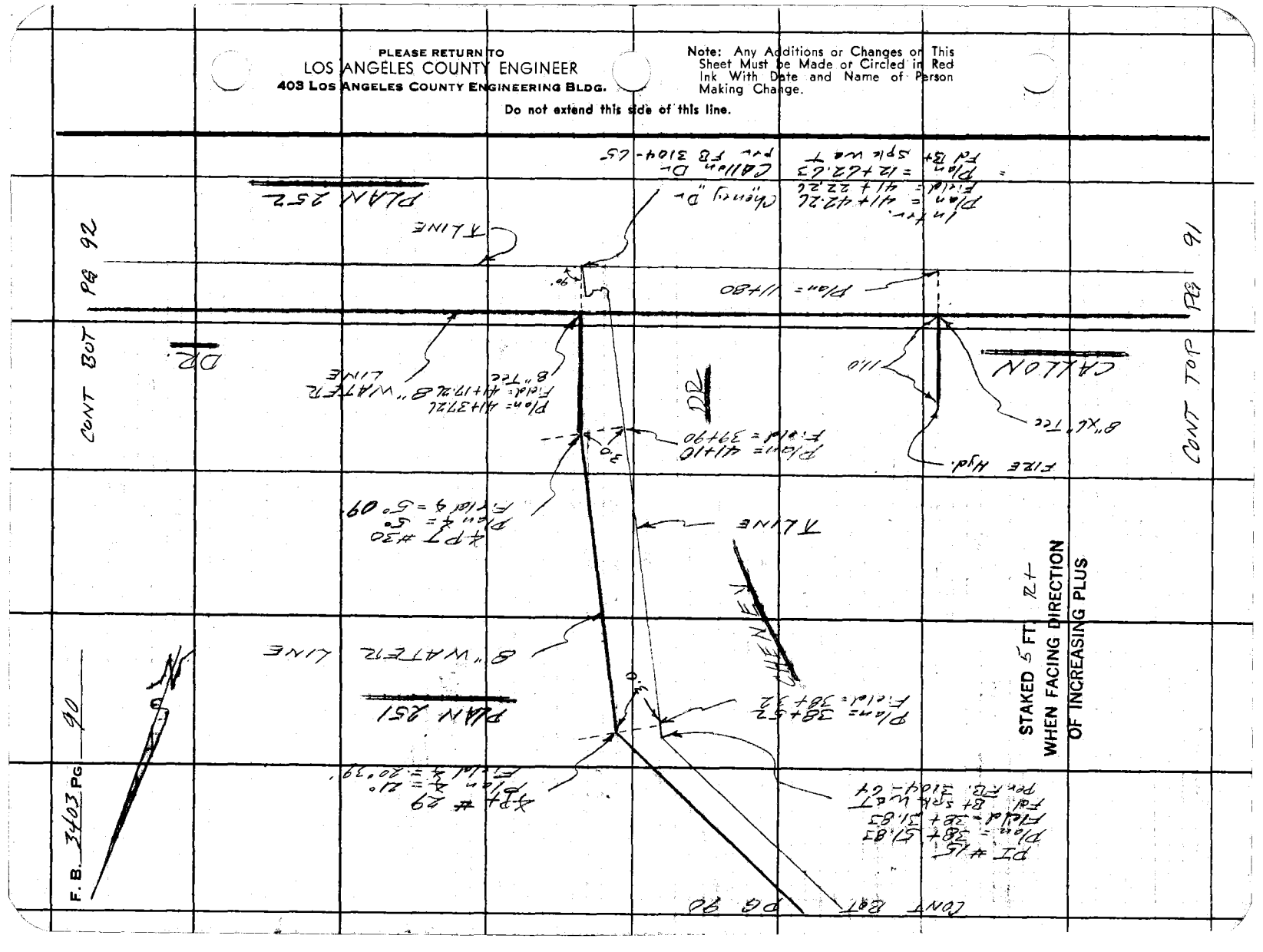

Notes Ck'd by	Survey of Topanga E Malibu water works F. B. 3403 PG. 91
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 24 May 67
Date	Indexed C. J. GALLI

CONT FROM PG 90

9"x6" Tee

Plan = 5+93

Fire hyd.

10.0

DR

PLAN 252

T LINE

8" WATER LINE

CALL ON

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Fire hyd

7.0

Plan = 0+95

8"x6" Tee

Plan = 0+00

5.0

per FB 3104 - 66 & 119

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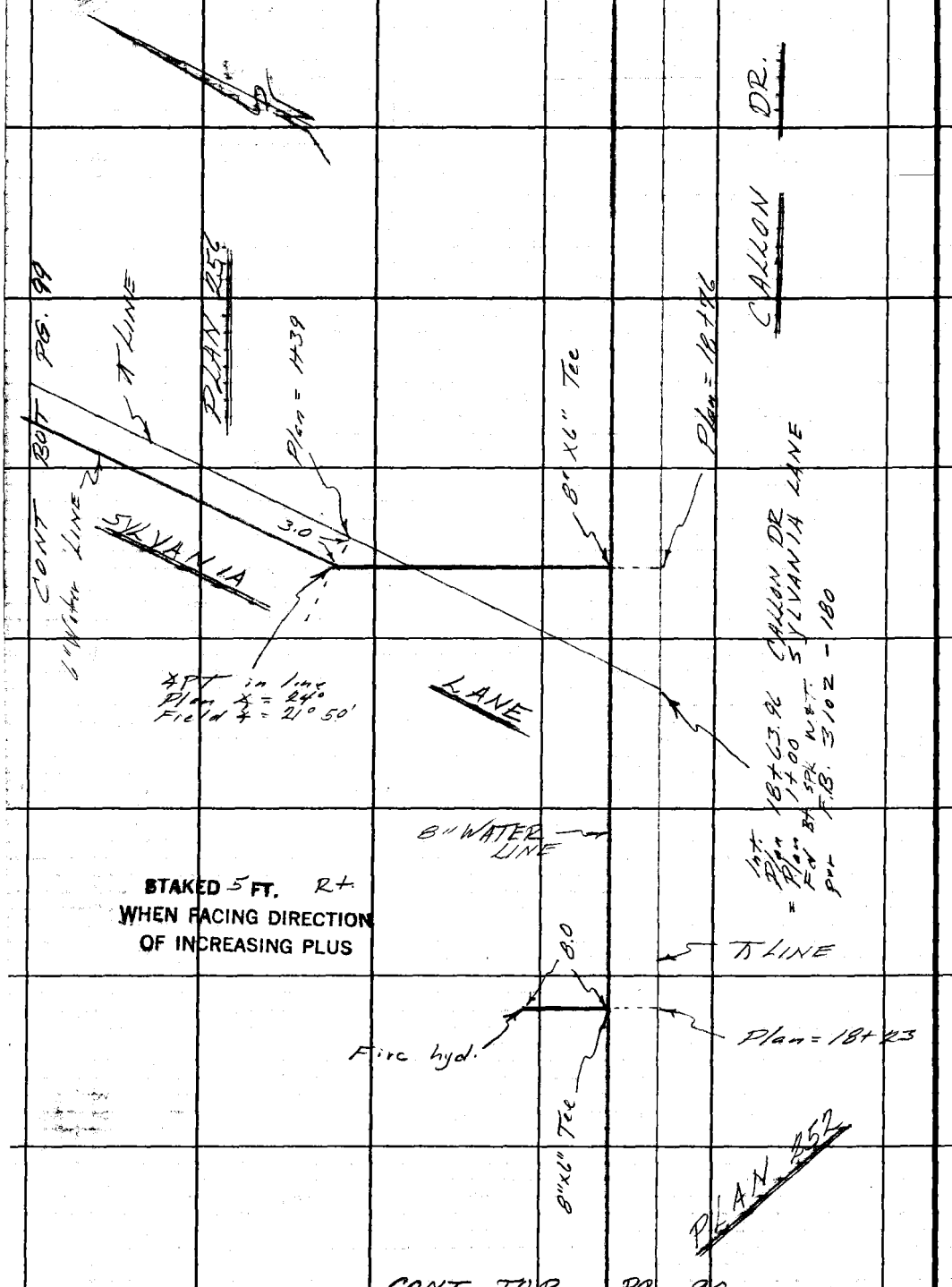
76F309S CE#310 1-65

F. B. 3403 PG. 92

CONT BOT PG 93



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Notes Ck'd by	Survey of Topanga E Malibu Water
Map No.	JN 12215.15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 26 Nov 67
Date	Indexed C. J. GALLI

with F. B. 3403 PG. 93

CONT Lt. PG 94

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PLAN 25.3

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

DR.

8" WATER LINE

℄ LINE

℄ PT #3
Plan ∠ = 13°
Field ∠ = 13°00'

Plan = 22+13

℄ PT #2
Plan ∠ = 13°
Field ∠ - 13° N'

Plan = 21+58

40

CALLON

℄ PT #1
Plan ∠ = 24°
Field ∠ = 24° 27'

40

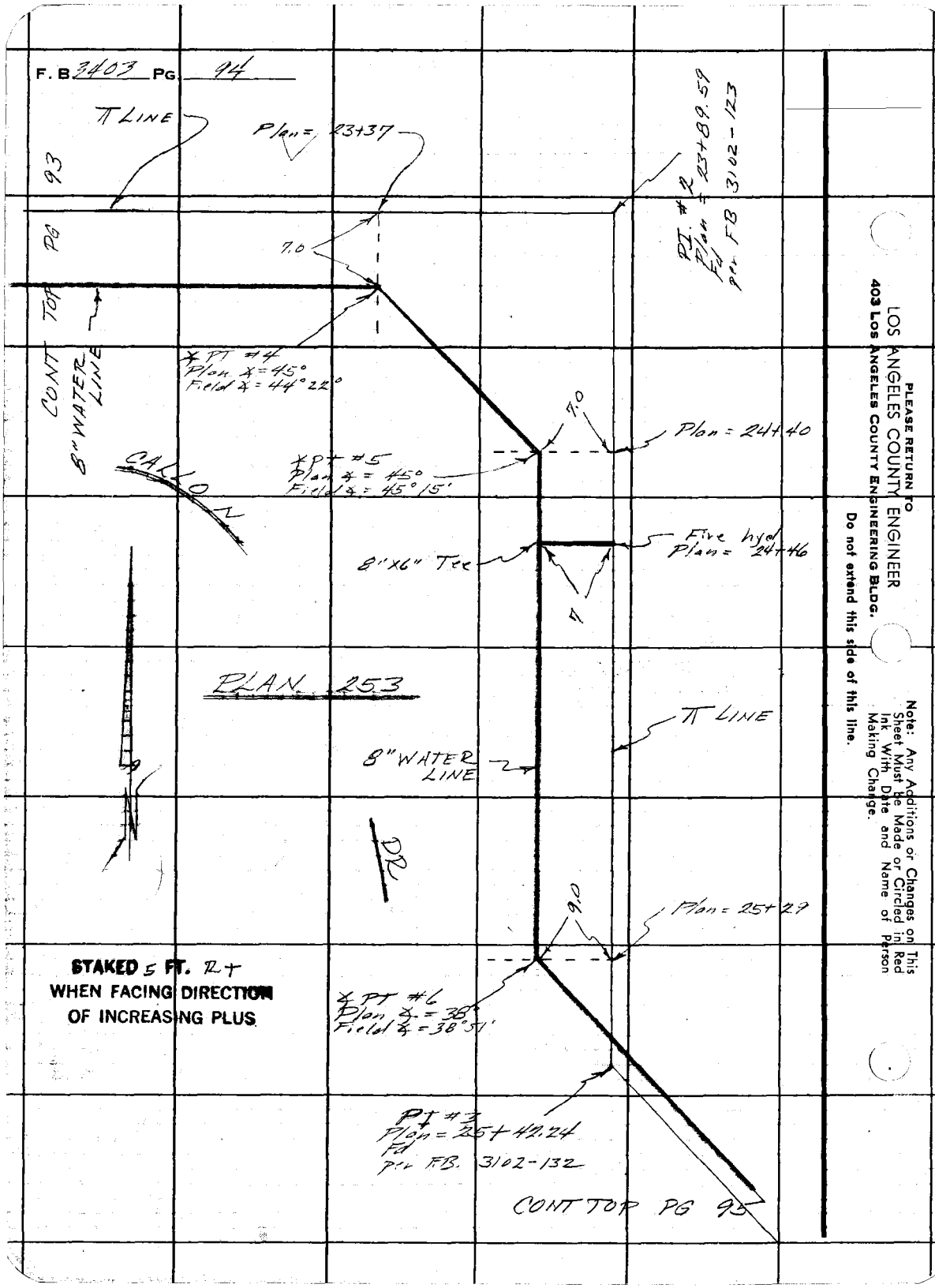
Plan = 21+00

P.I. #1
Plan = 20+99.20
Fd
Per F.B. 3102 - 121

CONT TOP PG 92

76F309S CE#310 1-65

F. B 3403 PG. 94



STAKED 5 FT. R+ WHEN FACING DIRECTION OF INCREASING PLUS

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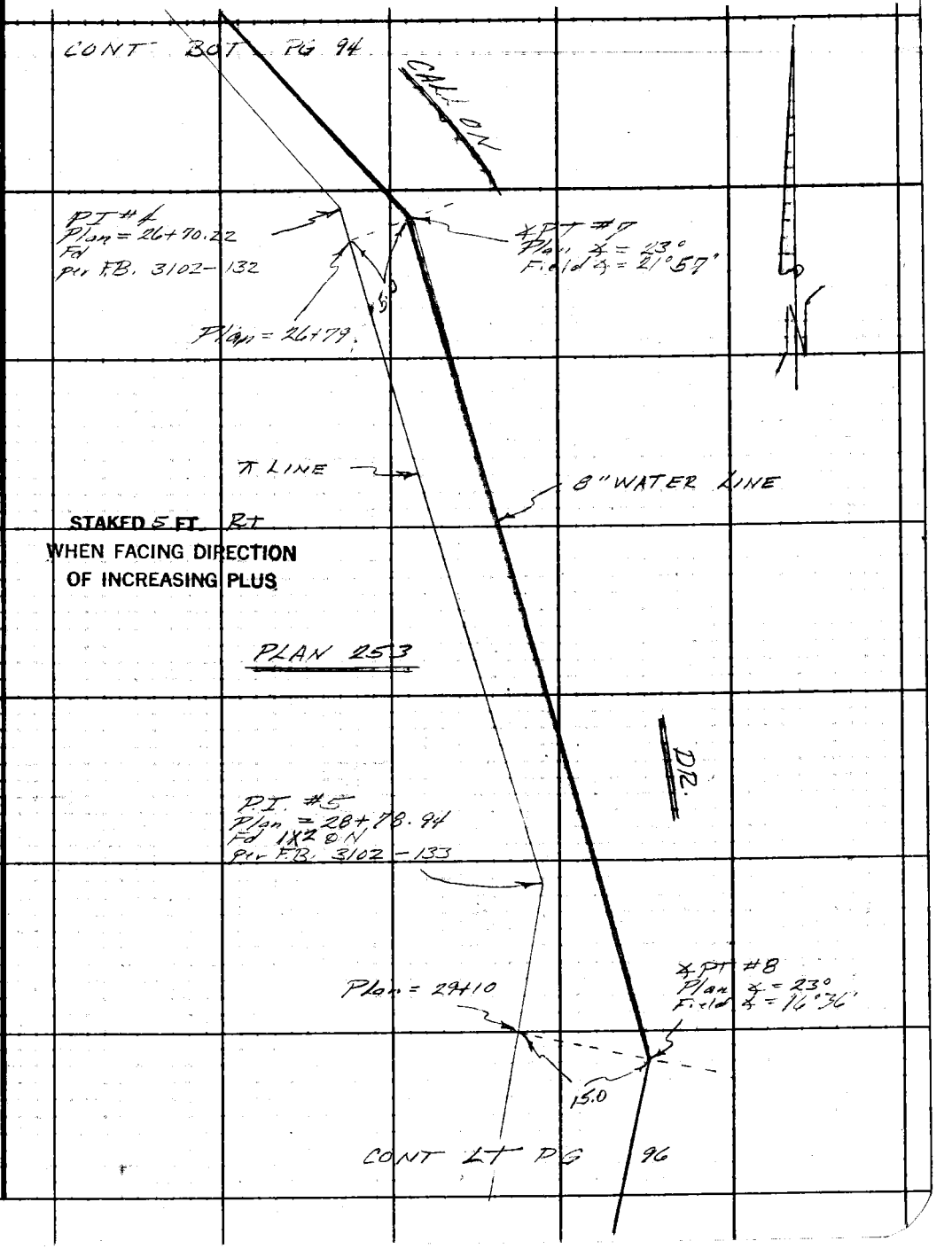
Notes Ck'd by	Survey of Topanga E Malibu Water Works F. B. 3403 PG. 95
Map No.	JN 2215-15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 26 May 64
Date	Indexed C. J. GALLI



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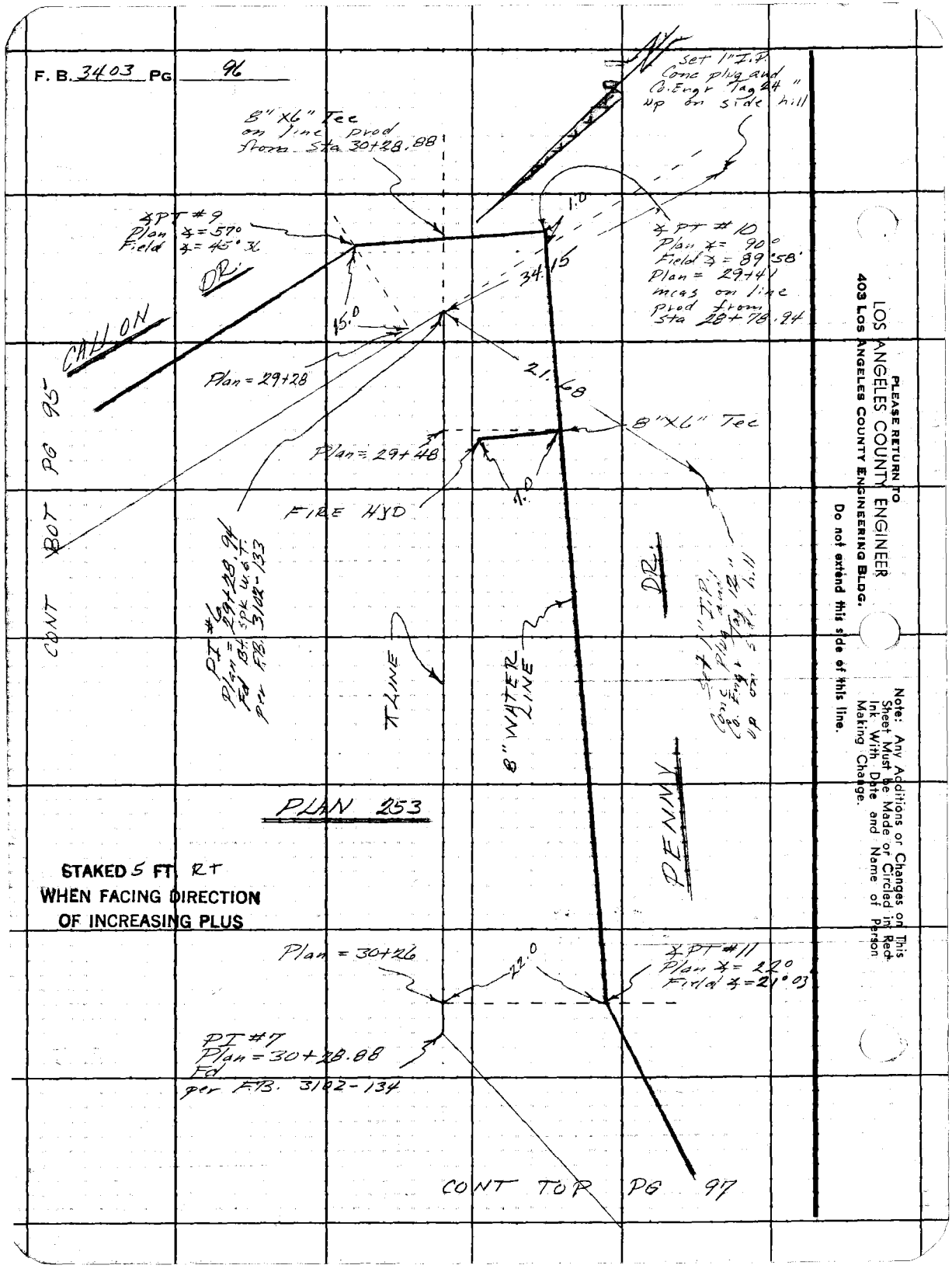

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Notes Ck'd by	Survey of Topanga E Malibu Water Works
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by FE Brock
Checked	Notes FE 15 Date 25 Nov 64
Date	Indexed C. J. GALLI

F. B. 3403 PG. 97

CONT BOT PG 96

L.O

Plan = 30+68

℄ PT #12
Plan Δ = 22°
Field Δ = 24°26'

DR

℄ LINE

8" WATER LINE

PLAN 253

℄ PT #13
Plan Δ = 24°
Field Δ = 24°24'

Plan = 31+45

L.O

PI #8
Plan = 31+48.88
Fd
per FB. 3102-134

PLAN

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

PI #9
Plan = 31+98.90
Fd
per FB. 3102-135

Plan = 32+04

℄ PT #14
Plan Δ = 27°
Field Δ = 26°48'

7.0
Scaled

CONT TOP PG 98

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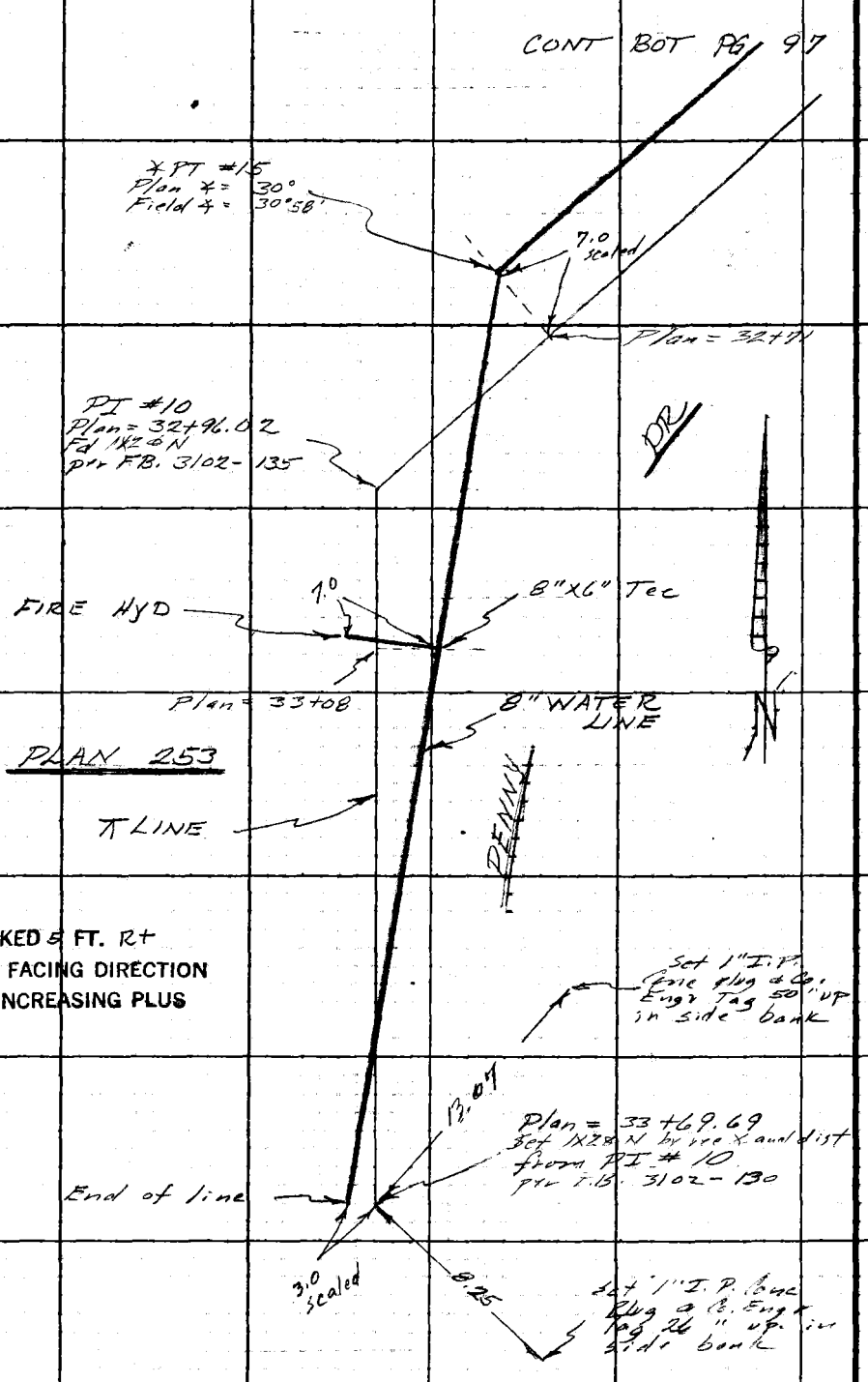
26F3025 CE#310 1-65

F. B. 3403 PG 98



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

Survey of Topanga E Malibu Water Works
JN 2215.15 Tape Std °F
Surveyed by F E Brooks
Notes F E B Date 26 May 67
Indexed C. J. GALLI

F. B. 3403 PG. 99

CONT RT PG 100

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ PT in line
Plan Δ = 11°
Field Δ = 10° 17'

Plan = 9+45

3.0

LANE

℄ LINE

6" WATER LINE

PLAN 256

set Sm. Bt. Spk & T in 24" Euc 24" up.

Set Sm. Bt. Spk & T in 30" Euc. 30" up.

28.63

28.48

Set Bt. Spk WS T at 9+10 x 6+03

19.02

17.97

set Sm. Bt. Spk & T in 36" Euc. 2½' up.

set Sm Bt. Spk & T in 18" Euc. 12" up.

Fire hyd

10.0

6" Tee

SYLVANIA

Plan = 5+64

CONT LT PG 92

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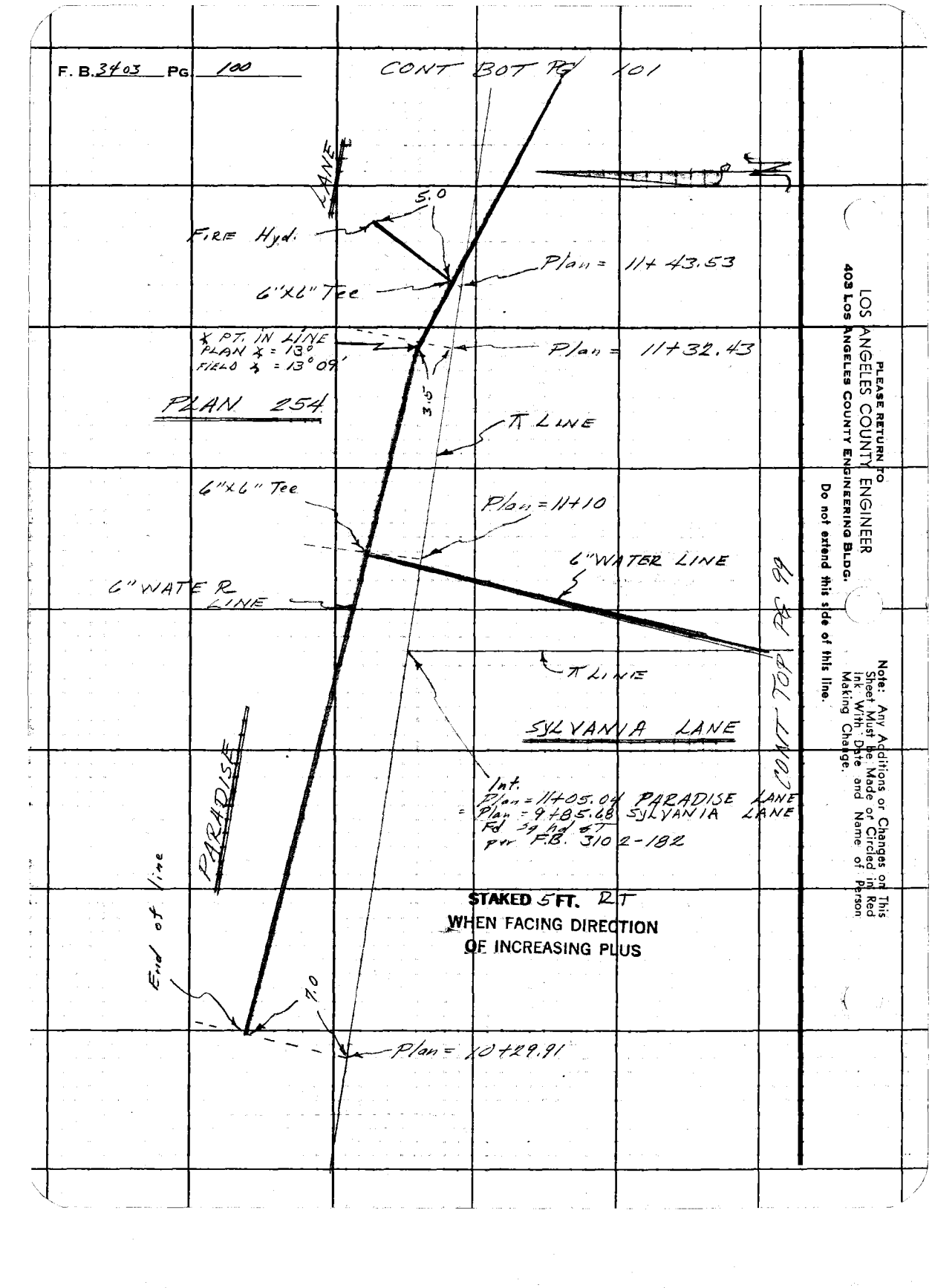
76F309S CE#310 1-65

F. B. 3403 PG. 100



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

Survey of Topanga E Malibu Water
JN 2215.16 Tape Std °F
Surveyed by FEBrooks
Notes FEB. Date 12/11/15
Indexed D. J. GALLI

Works F. B. 3403 PG. 101

CONT. FOT. PG 102

Δ Pt. in line
Plan Δ = 3°
Field Δ = 3° 04'

Plan = 13+27.48

LANE

Plan = 13+12.48
Fd sg hd spk
per F.B. 3102-17

PLAN 255

Plan = 12+52.2

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

Δ Pt. in line
Plan Δ = 9°
Field Δ = 8° 42'

℄ LINE

6" WATER LINE

Plan = 12+19

Δ Pt in line
Plan Δ = 5°
Field Δ = 6° 13'

PARADISE

Plan = 11+85.23
Fd. 1½
per F.B. 3102-16

8.00

Δ Pt. in line
Plan Δ = 19°
Field Δ = 20 24' °

CONT TOP PG 100

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76F309S CE#310 1-65

F. B. 3403 PG. 102

CONT BOT PG 103

℄ PT. IN LINE
PLAN ∡ = 45°
FIELD ∡ = 38°05'

22

PLAN = 15+86.5

℄ PT. IN LINE
PLAN ∡ = 45°
FIELD ∡ = 42°01'

PLAN = 15+83

55

PLAN 366
DETAIL

WOODEN
BRIDGE

LANE

℄ PT. IN LINE
PLAN ∡ = 45°
FIELD ∡ = 44°49'

55

PLAN = 15+43.3
FIELD = 15+53.3

℄ PT. IN LINE
PLAN ∡ = 45°
FIELD ∡ = 41°54'

17

PLAN = 15+49.3

℄ LINE

Plan 14+54.48
Fd 14+54.48
P.B. 3102-18

STAKED 5 FT. R+
WHEN FACING DIRECTION
OF INCREASING PLUS

6" WATER LINE

PLAN 255

PARADISE

CONT TOP PG 101

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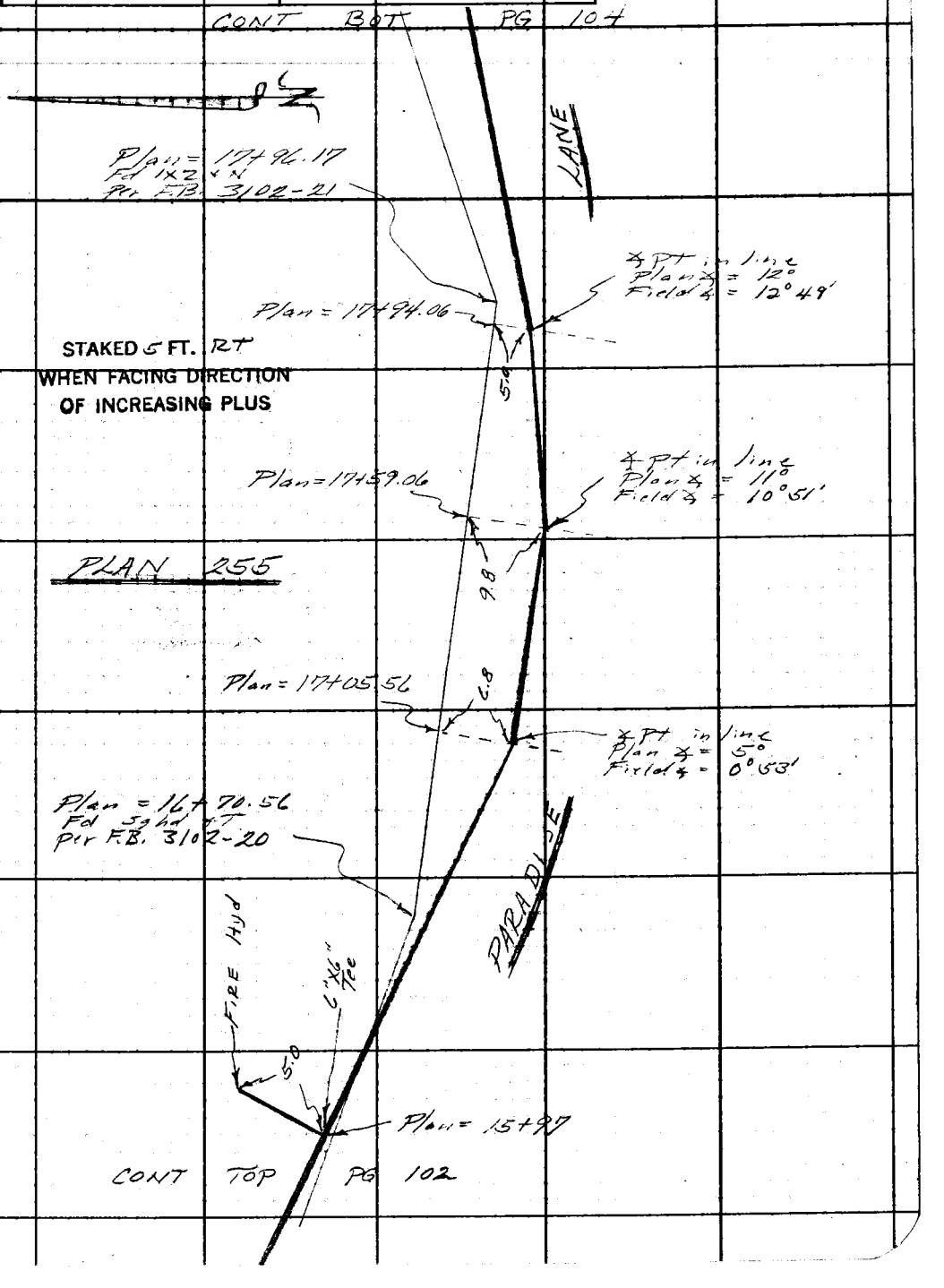
Notes Ck'd by	Survey of Topanga E Main Wtr. Mains F. B. 3403 PG. 103
Map No.	JN 22/15-15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.E.B. Date 2 Sept 67
Date	Indexed J. GALLI

CONT BOT PG 104



CONT TOP PG 102

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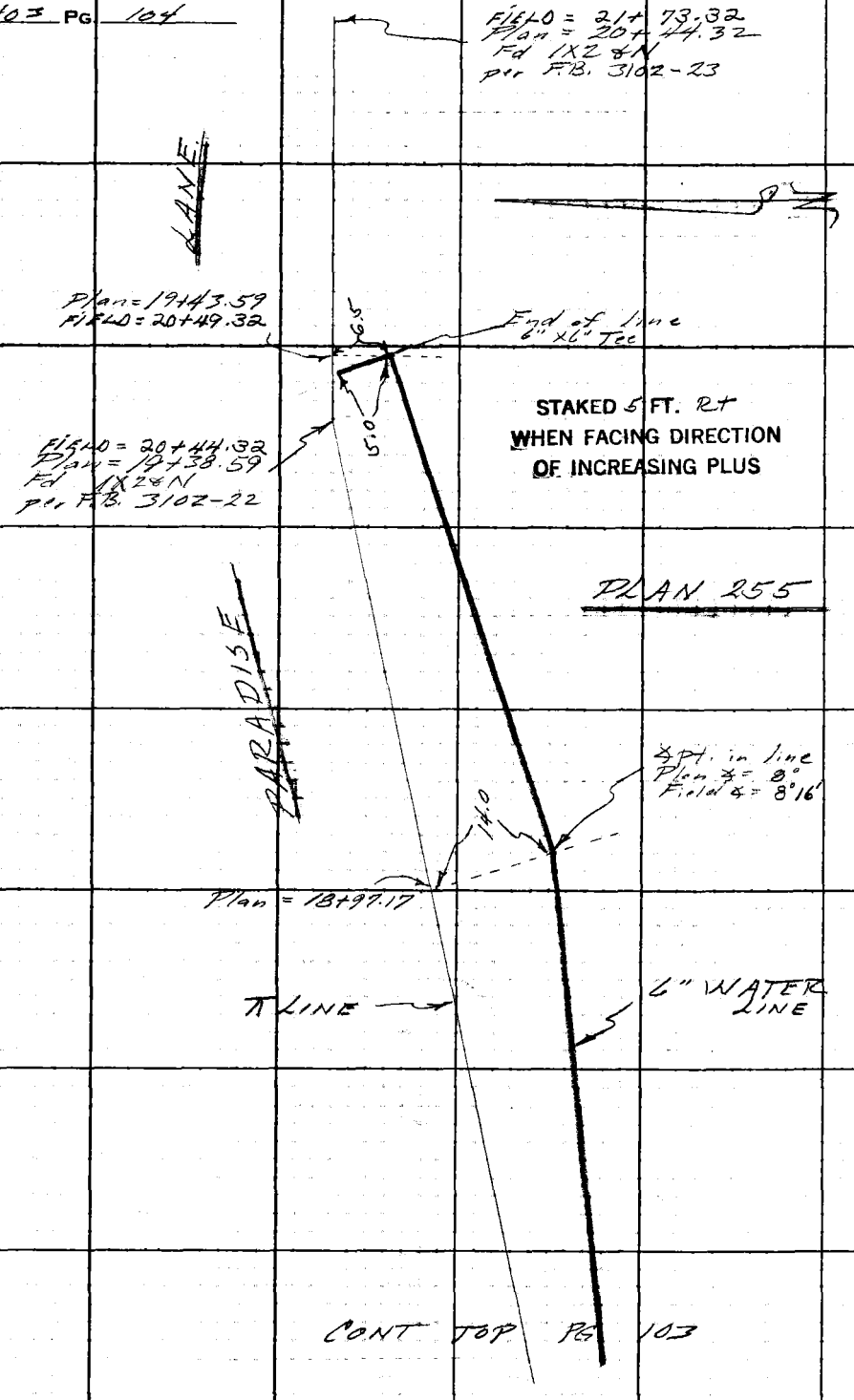
16F309S CE#310 1-65

F. B. 340-3 PG. 104



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Notes Ck'd by	Survey of Topanga E Malibu Wtr Wks F. B. 3403 Pg. 105
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FE15 Date June 61
Date	Indexed E. J. GALLI

JN 2215.15

TOPANGA E. MALIBU WATER WORKS

DISTRICT No 29

ROBINSON ROAD

WINFIELD ROAD

WATER WORKS PLAN 240

FE Brooks
P. Harrington
GE Cook
M Sonnenschein

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76F309S CE#310 1-65

F. B. 3403 PG. 106

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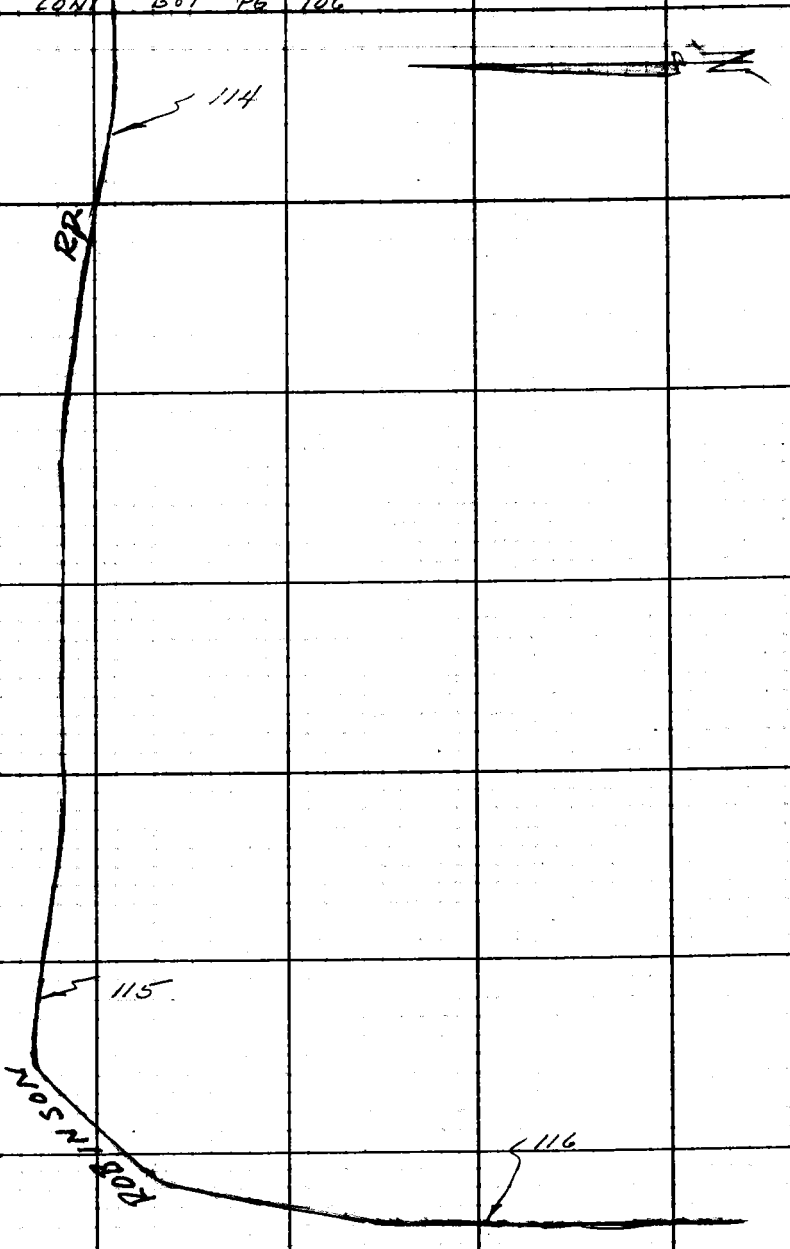
Notes Ck'd by		Survey of Topanga E. Malibu Water Works	F. B. 3403 PG. 107
Map No.		JN 2215.15 Tape	Std °F
Office Work		Surveyed by FE Brooks	
Checked		Notes FEB Date June 69	
Date		Indexed C. J. GALLI	

CONT BOT PG 106



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F. B. 3403 PG. 118

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

Survey of Topanga E Malibu Wtr Works
JN 2215.15 Tape Std °F
Surveyed by FE Brooks
Notes FEB. Date 4 Dec 64
Indexed C. J. GALLI

F. B. 3403 PG. 109

BLVD.

℄ LINES

P.T. Sta 37.60 Topanga Cyn. Blvd. Lincoln Rd. Fd. Ty Pol FB 2995-63

CANYON

ROAD

PLAN 240

2.0

Plan = 0+18

TOPANGA

+PT
Plan Δ = 85°
Field Δ = 94° 07'

PT #1
Plan = 01+55.19
Fd Lg Bt-Spk w/T
Pol FB. 2995-63

8" WATER LINE

ROBINSON

STAKED 5' FT. Lt
WHEN FACING DIRECTION
OF INCREASING PLUS

9.0

Fire Hyd.

Plan = 2+04

8" "LL" Tee

CONT TOP PG 110

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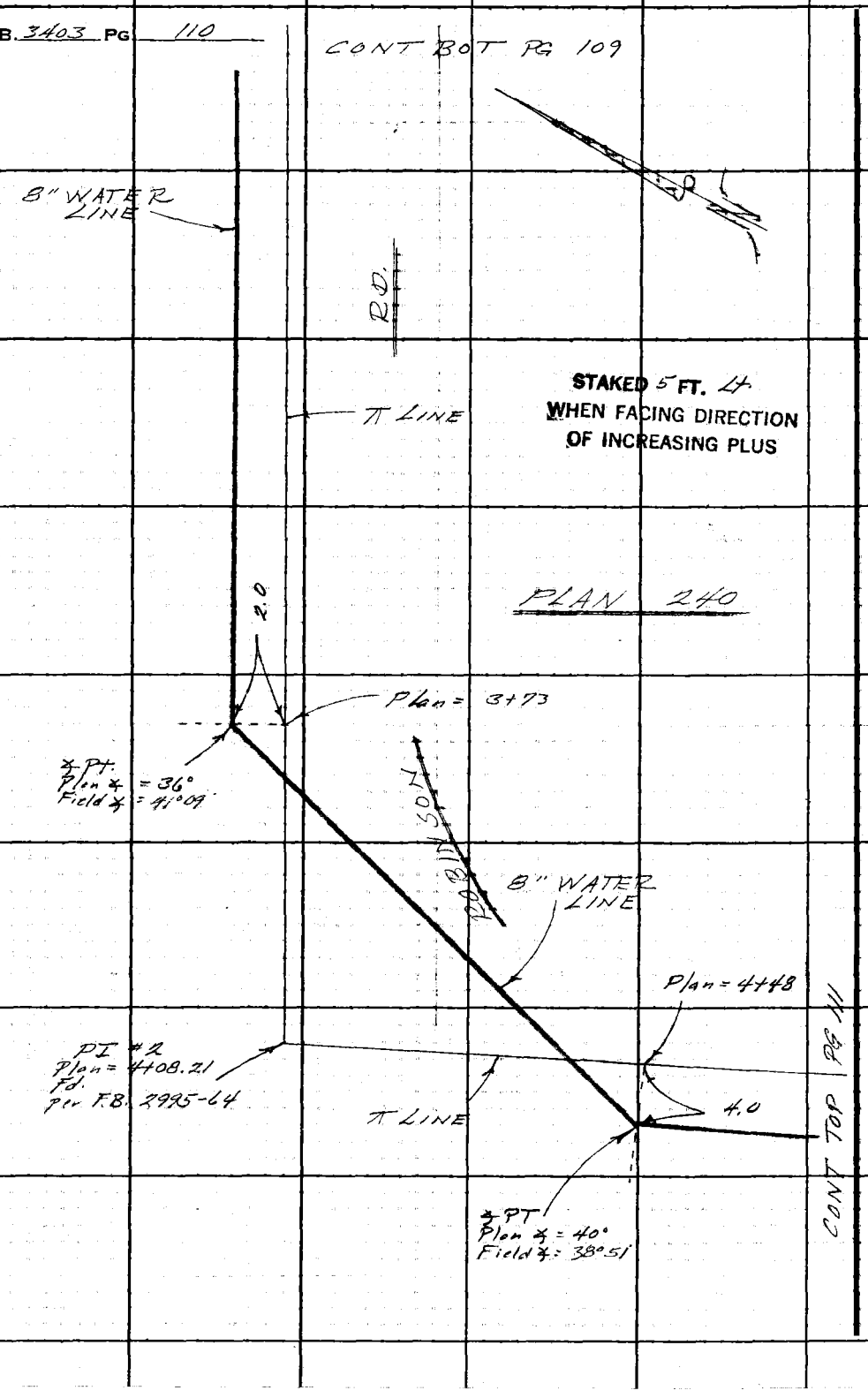
76F309S CE#310 1-65

F. B. 3403 PG 110



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Notes Ck'd by	Survey of Topanga E Malibu Water Works F. B. 3403 PG. 111
Map No.	JN 22151.15 Tape Std °F
Office Work	Surveyed by FE Brooks F.E.B.
Checked	Notes Date 7 June 64
Date	Indexed C. J. GALLI

CONT RT PG 110

8" WATER LINE

℄ LINE

R.D.

K.O

* Pt.
Plan ∠ = 20°
Field ∠ = 20°34'

Plan = 5478

PLAN 240

P.I. #3
Plan = 5485.21
Fd'g Bt. Spk W.T.
per F.B. 2995-64

STAKED 5 FT. Lt
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ LINE and 8" WATER LINE

ROBINSON

CONT TOP PG 112

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26F3095 CE#310 1-65

F. B. 3403 PG 112

PLAN 240

CONT BOT PG 111

℄ LINE and 8" WATER LINE

8" WATER LINE

℄ PT.
Plan = 7+70
Field = 7+65
Plan ∆ = 32°
Field ∆ = 30° 39'

8"x8" Tee

℄ PT
Plan ∆ = 18°
Field ∆ = 18° 48'

111

R.D.

Plan = 7+70

Fire hyd

℄ LINE

8.0 scale

WINFIELD

R.D.

18.0

8"x6" Tee

Plan = 7+90

CONT

P.I. #4 on Robinson Rd
7+84.46
= P.I. A on Winfield Rd
1+00
Fd 1" I.P. Lead Plug & C.E. Tag 6" dn.
per F.B. 2995-65

Plan = 8+21

ROBINSON

0
4'

℄ PT.
Plan ∆ = 37°
Field ∆ = 19° 21'

STAKED 5 FT. Lt
WHEN FACING DIRECTION
OF INCREASING PLUS

8" WATER LINE

℄ LINE

CONT Lt. PG 113

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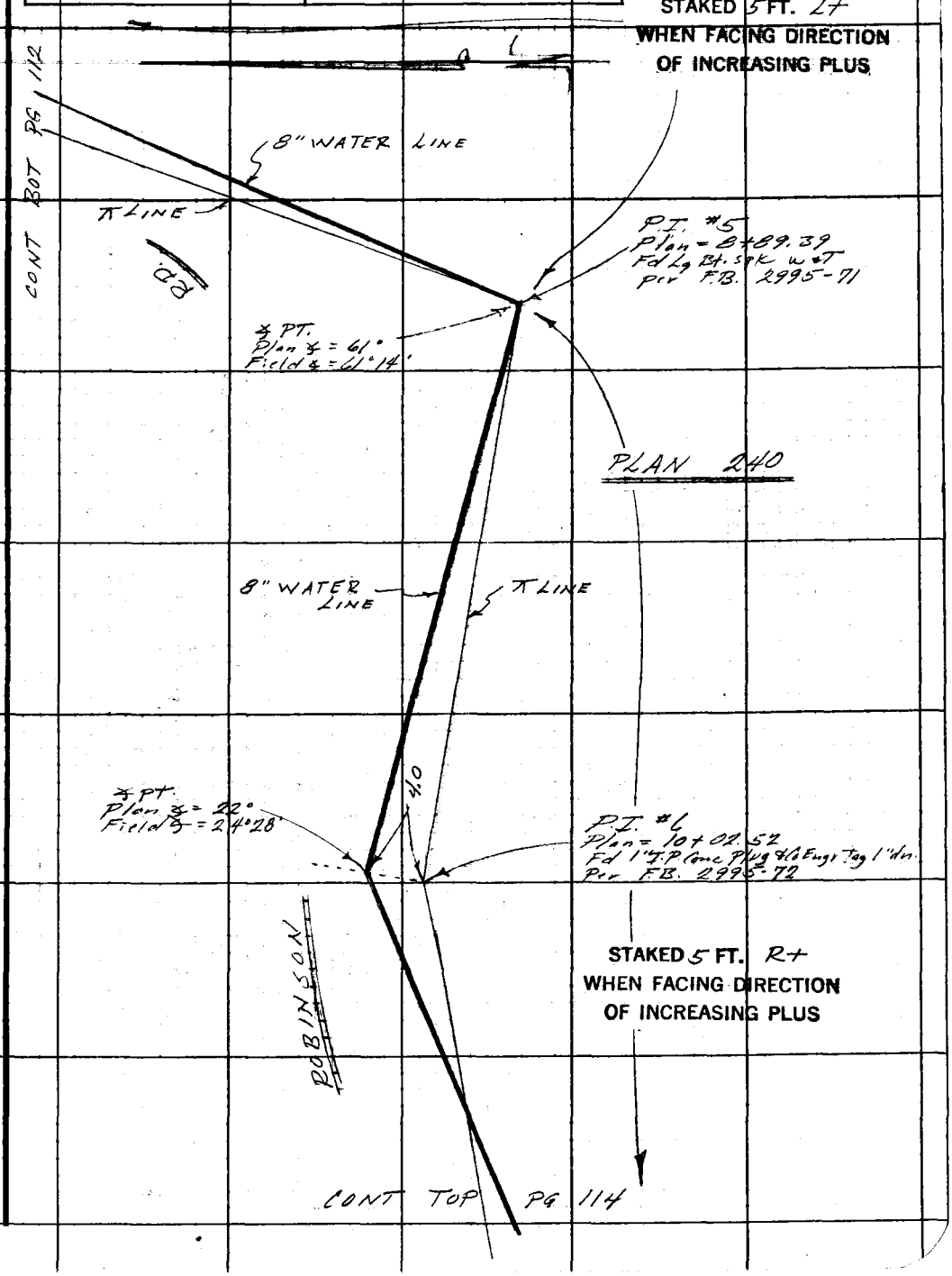
Notes Ck'd by	Survey of Topanga E Mn/Ln Water Works F. B. #403 Pg. 113
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 9/6/11.21
Date	Indexed C. J. GALLI



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16F309S CE#310 1-65

F. B. 3403 PG. 114

CONT BOT PG 113

NO SCALE

℄ PT
Plan Δ = 23°
Field ℄ =

Plan = 10+60

℄ LINE

8" WATER LINE

RD.

PI = 7
Plan = 11+15.63
Fd 1" I.P. Conc. Plug &
Co Engr Tag 2" dn.
per F.B. 2995-72

℄ LINE

PLAN 240

ROBINSON

℄ PT
Plan ℄ = 8°
Field ℄ =

PI = 8
Plan = 13+25.31
Fd 1" I.P. Conc. Plug & Co Engr Tag 2" dn.
per F.B. 2995-72

℄ LINE and 8" WATER LINE

CONT ~~TOP~~ ~~PG~~ 115

SEE FB 3404 - 207 FOR PC STAKING

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Notes Ck'd by	Survey of Topanga E. Malibu Water Works
Map No.	JN 22/5.16 Tape Std °F
Office Work	Surveyed by F.E.Brooks
Checked	Notes F.E.B. Date
Date	Indexed C. J. GALT

F. B. 3403 PG. 115

CONT BOT PG 114

℄ LINE and 8" WATER LINE

EOD

P.I. #9
Plan 147 54.32
Fd. 3/4" I.P. 2"dn no cap
per F.B. 2995-73

℄ PT.
Plan ∆ = 10°
Field ∆

8"x6" Tee

Plan = 14+69

Fire hyd.

9.0

ROBINSON

PLAN 240

P I #10
Plan = 15+93.71
Fd 3/4" I.P. Conc Plug
and L.Engr Tag 2"dn
per F.B. 2995-73

℄ PT.
Plan ∆ = 55°
Field ∆ =

8" WATER LINE

℄ LINE

CONT TOP PG 116

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76F309S CE#310 1-65

F. B. 3403 PG. 116

CONT BOT PG 115

℄ PT
Plan ℄ = 27°
Field ℄ =

3.0

Plan = 16+90

PI # 11
Plan = 16+93.03
Fd. 1" I.P. Cone Plug = CoEngr Tag 2' Lt.
Per F.B. 2995-74

8" WATER LINE

℄ LINE

20

PLAN 240

℄ PT.
Plan ℄ = 17°
Field ℄ =

Plan = 17+87

3.0

PI # 12
Plan = 18+19.49
Fd.
per F.B. 2995-74

ROSWELL

℄ LINE

8" WATER LINE

50

Plan = 19+87

Fire hyd.

8" x 6" Tee

P.I. # 13
Plan = 20+02.67
Fd. 1" I.P. Cone Plug
& CoEngr Tag - Flush
Per F.B. 2995 - 74

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Notes Ck'd by	Survey of Torrance E. Main & Wilmington Drain
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F.F.B. Crooks
Checked	Notes F.B. Date 11/5/67
Date	Indexed C. J. GALLI NOV 21 '67

Works F. B. 3403 PG. 117

CONT BOT PG 118

PLAN 240

℄PT Plan ∠ = 75° Field ∠ =

8" WATER LINE

Fire hyd. 6.0

℄ LINE

8"xL" Tree

P.O.

Plan = 4462

℄PT Plan ∠ = 46° Field ∠ =

4.0

Plan = 4437

P.I. B. Plan = 44+28.33 Fd Ly Bk Spk wet 1"dia. per F.B. 2995-66

8" WATER LINE

℄ LINE

WINFIELD

STAKED 5 FT. ℄
WHEN FACING DIRECTION
OF INCREASING PLUS

CONT RT PG 112

P.T. Sta 95+85.87 Plan = Sta 95+85.87 Fd. 1"I.P. Tone Plug 0.6 East, Tag nail per F.B. 2995-66

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 1-65

F. B. 3403 PG 118

9426.54
set 1X20N
6" Rec ⊄ pvc
F.B. 2995-67
from P.I. D.

9430.70
2" I.P. pvc
F.B. 2995-67
destroyed by P.P.

Fire hyd.

Plan = 9419

SCALE

℄ LINE

8"X6" Tee

8" WATER LINE

P.I. D
Plan = 7490.59
Fd. 1" I.D. Conc. Plug
& 6 Engr. Tag 3' dn
pvc FB. 2995-67

BD

PLAN 240

℄ PT
Plan ⊿ = 34°
Field ⊿ =

Plan = 7484

2.0

℄ PT
Plan ⊿ = 10°
Field ⊿ =

scale

Plan = 7410

WIN FIELD

℄ LINE

8" WATER LINE

9.0

Plan = 6430

℄ PT
Plan ⊿ = 24°
Field ⊿ =

CONT Top Pg 117

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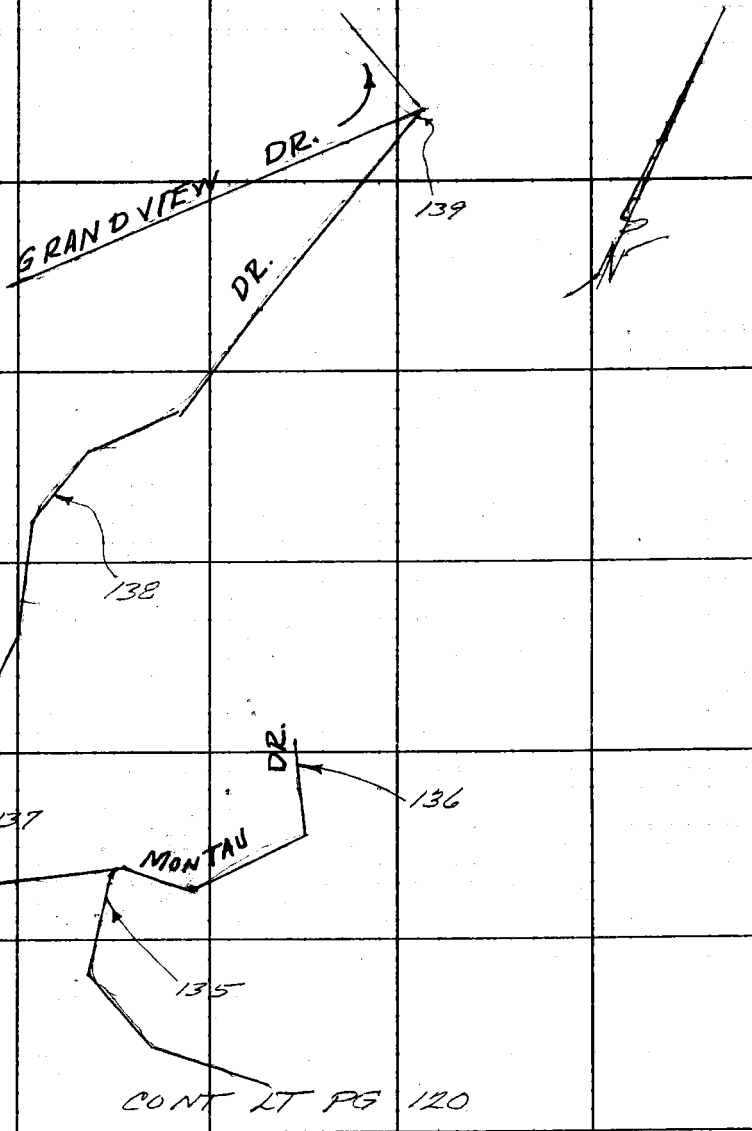
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Topanga F. Malibu Water Works
JN 2215.5 Tape Std °F
Surveyed by F.E. Drake
Notes F.F.B. Date June 67
Indexed C. J. CALLI

F. B. 3403 PG. 121



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76F309S CE#310 1-65

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F. B. 3405 PG 122

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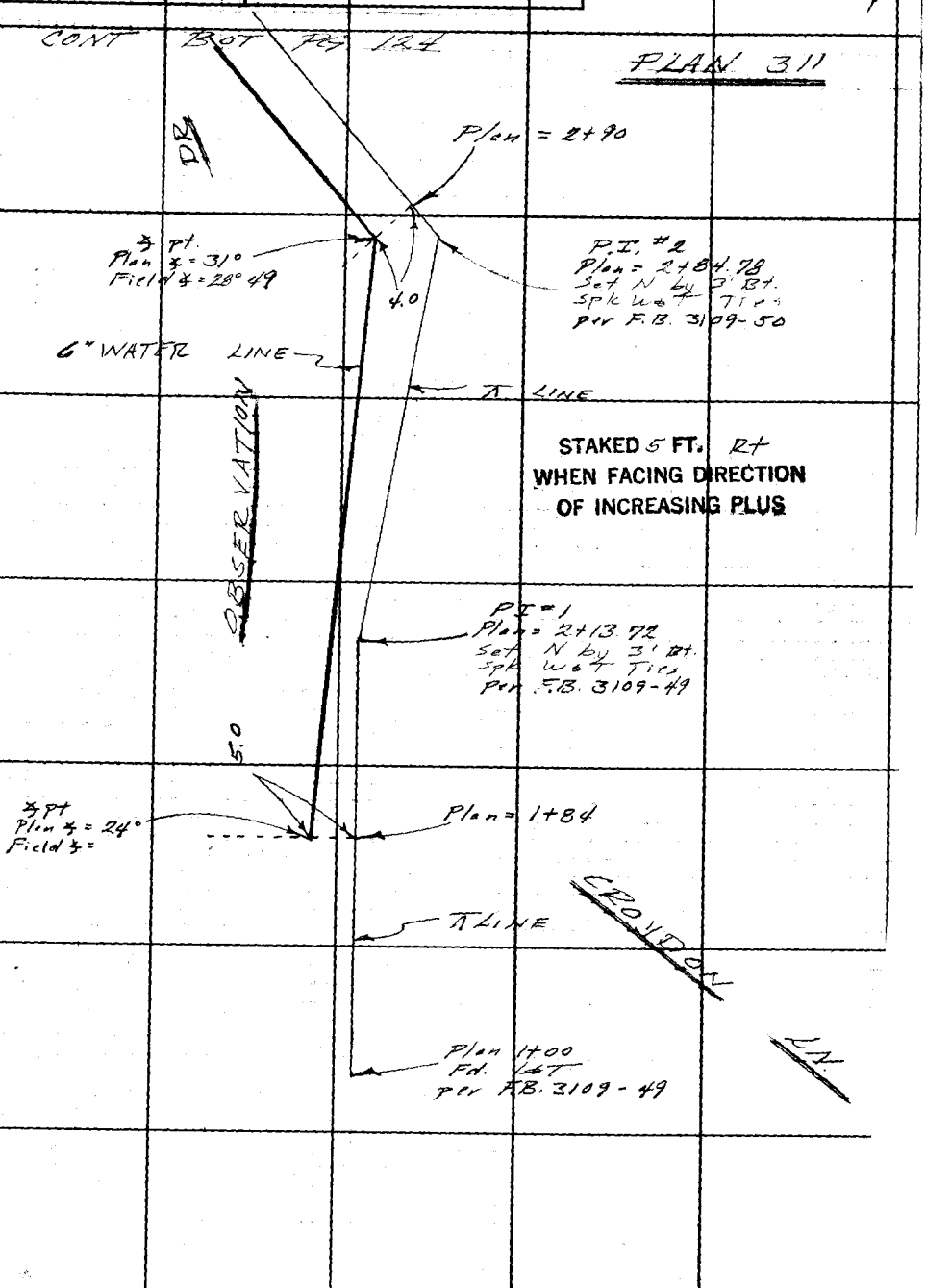
Survey of Topanga E. Malibu Water Works
JN 7215.15 Tape Std °F
Surveyed by F.E. Brooks
Notes F.E.B. Date 4 June 49
Indexed C. J. GALT

F. B. 3403 PG. 123

CONT FROM PG 124

PLAN 311



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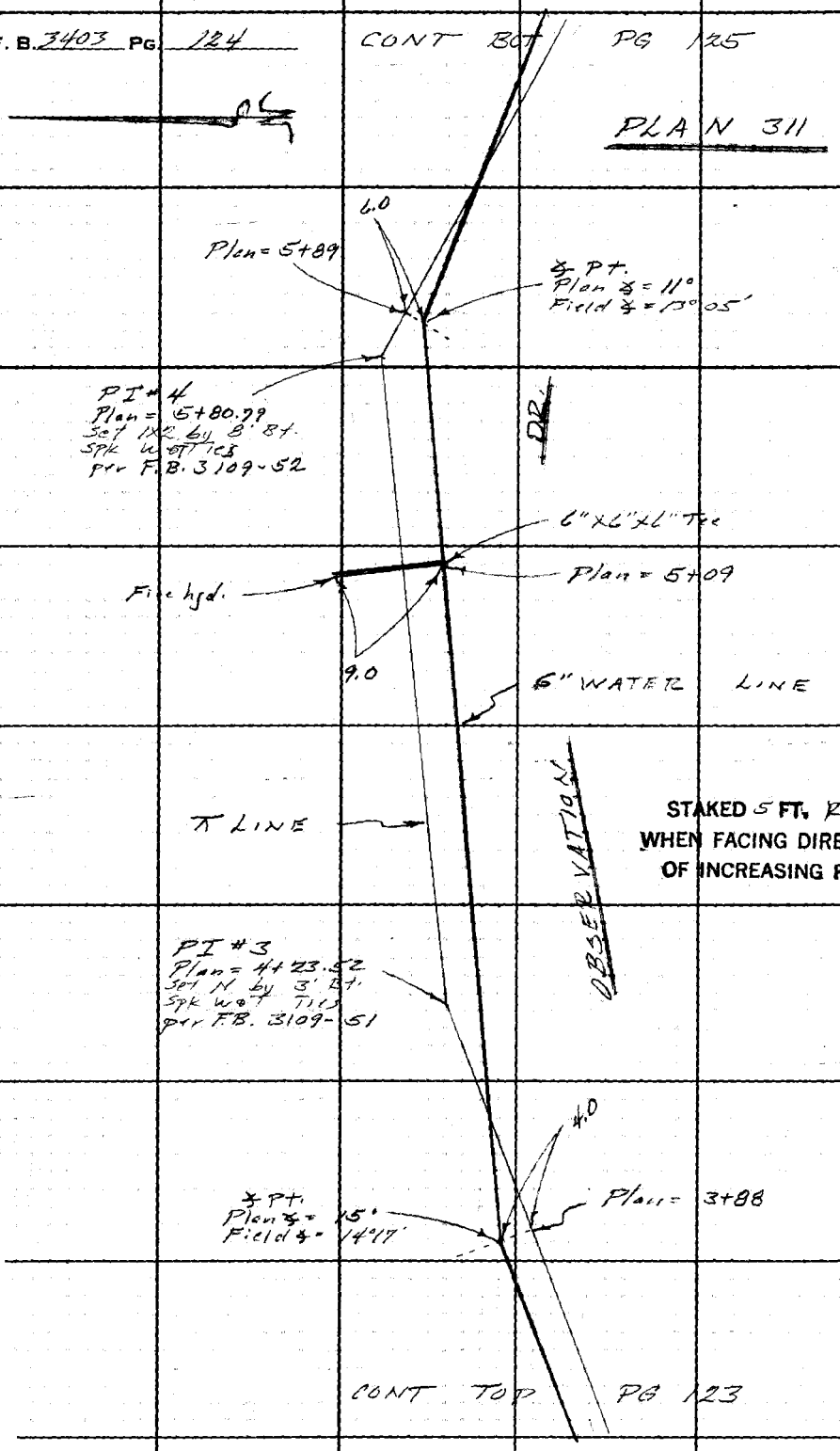
26F309S CE#310 1-65

F. B. 3403 PG. 124

CONT BOT / PG 125

PLAN 311



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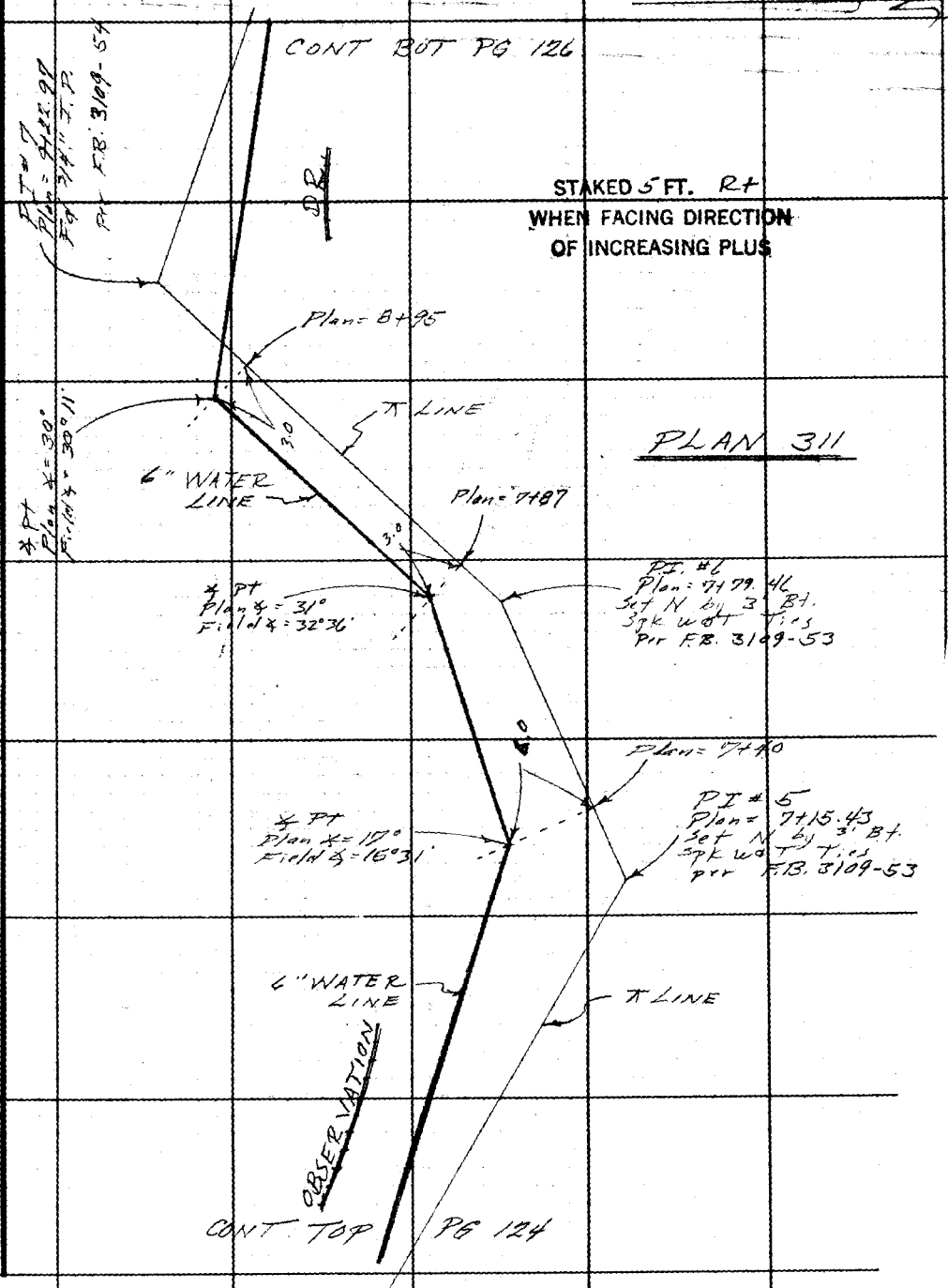
Notes Ck'd by	Survey of Topanga E. Malibu Water Work's F. B. 3403 Pg. 125
Map No.	JN 22115.15 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 14 June 61
Date	Indexed C. J. GALLI



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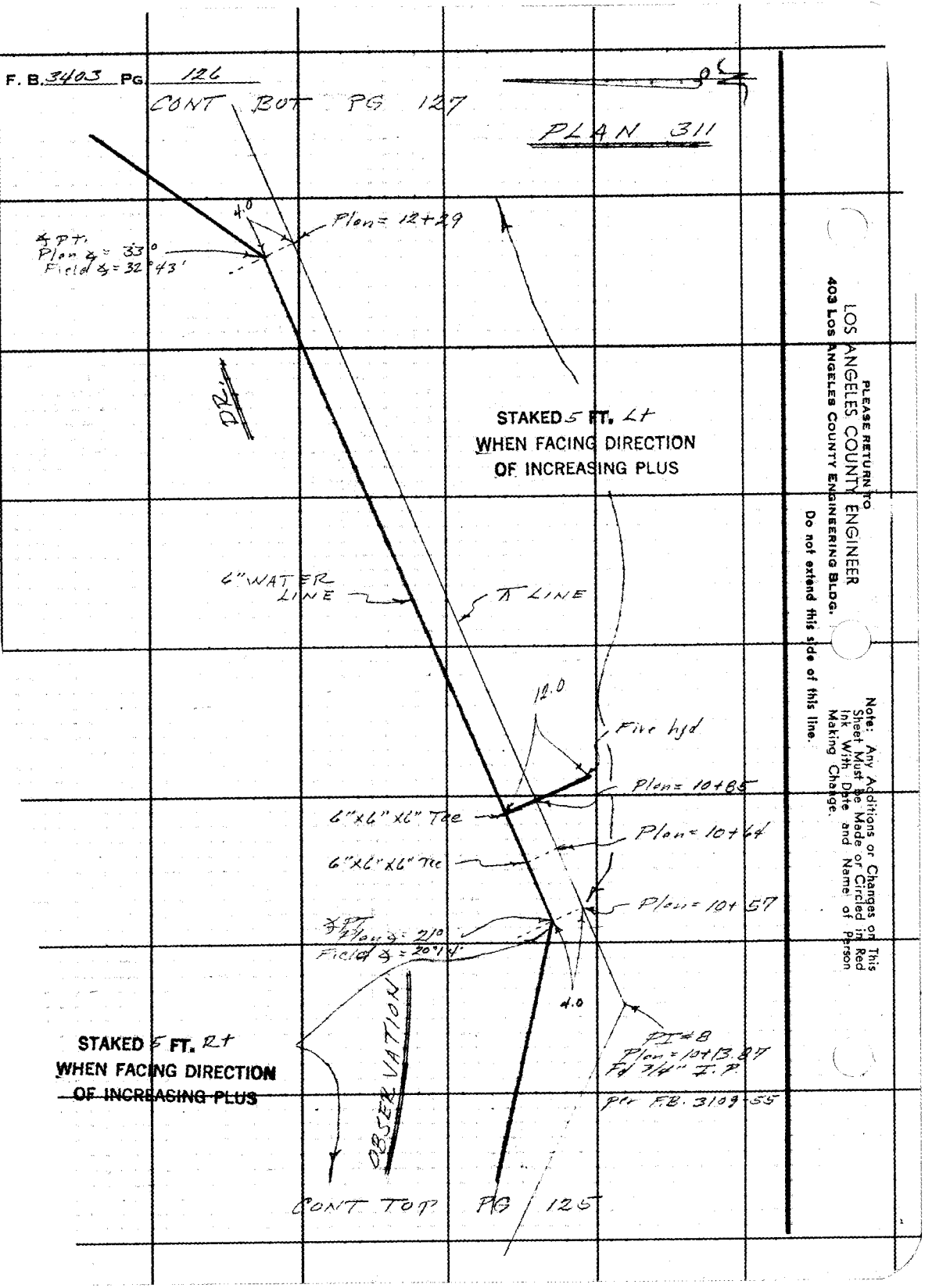
76F3095 CE#310 1-65

F. B. 3403 Pg. 126

CONT BOT PG 127

PLAN 311



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Survey of Topanga E Malibu Wtr. Works F. B. 3403 Pg. 129
JN 2215.15 Tape Std °F
Surveyed by F.E.Brooks
Notes F.E.B. Date 15 June 64
Indexed G. A. GALLI

PLAN 311

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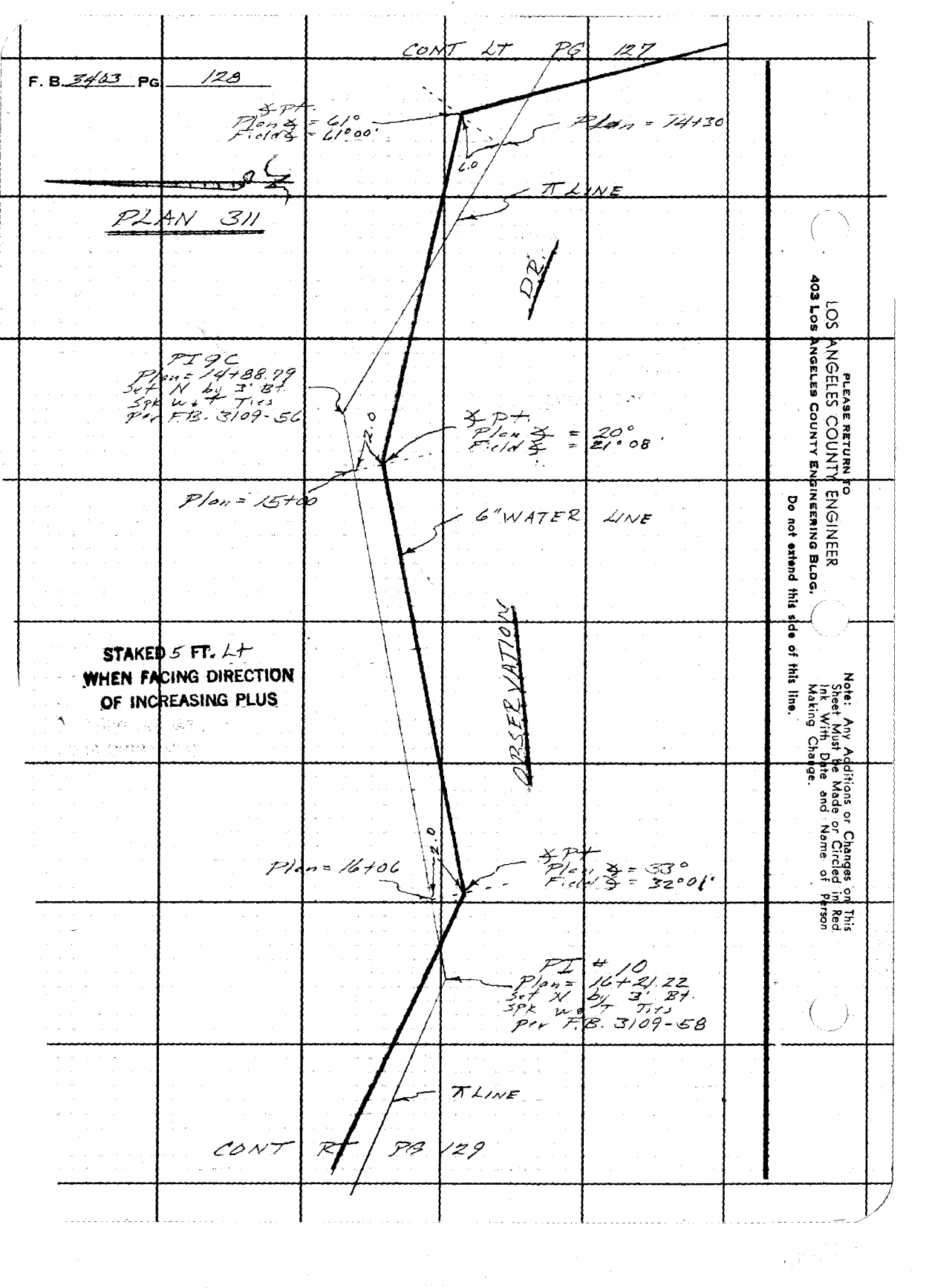
Plan = 3+78
23.0
Fire hyd.
3+78.66
Set Sq hd spk
by ties
per FB 3109-57
6" WATER LINE
℄ LINE
Plan = 3+50
℄ PT
Plan Δ = 26°
Field Δ = 25° 30'
P.I. #9B
Plan = 13+36.93
set 1X2 per ties
of F.B. 3109-56
STAKED 5 FT. Lt
WHEN FACING DIRECTION
OF INCREASING PLUS
DR.
℄ LINES
℄ LINE and
6" WATER LINE
Plan = 12+77
Plan = 12+58
STITES
CONT TOP PG 128
35.0
Fire hyd
14.0
Plan = 1+12.
℄ PT
Plan Δ = 45°
Field Δ = 47°54'
℄ PT
Plan Δ = 43°
Field Δ = 42°33'
6" WATER LINES
Inter.
12+44.40
1+00
Set 1X2
per F.B.
Observation Dr
Stites Dr.
by ties
3109-56
6"XL"XL" Tee
Plan = 12+44
6"XL"XL" Tee
OBSERVATION
DR.
CONT TOP PG 126

76F309S CE#310 1-65


CONT LT PG 127
F. B. 3483 PG 129
℄ PT
Plan Δ = 61°
Field Δ = 61°00'
Plan = 14+30
L.O
℄ LINE
PLAN 311
DR.
PI 9C
Plan = 14+88.99
Set N by 3' BT.
Spk w ℄ Tks
Plr F.B. 3109-56
2.0
℄ PT
Plan Δ = 20°
Field Δ = 21°08'
Plan = 15+00
6" WATER LINE
STAKED 5 FT. Lt
WHEN FACING DIRECTION
OF INCREASING PLUS
OBSERVATION
2.0
Plan = 16+06
℄ PT
Plan Δ = 53°
Field Δ = 32°01'
PI # 10
Plan = 16+21.22
Set N by 3' BT.
Spk w ℄ Tks
Plr F.B. 3109-58
℄ LINE
CONT RT PG 129
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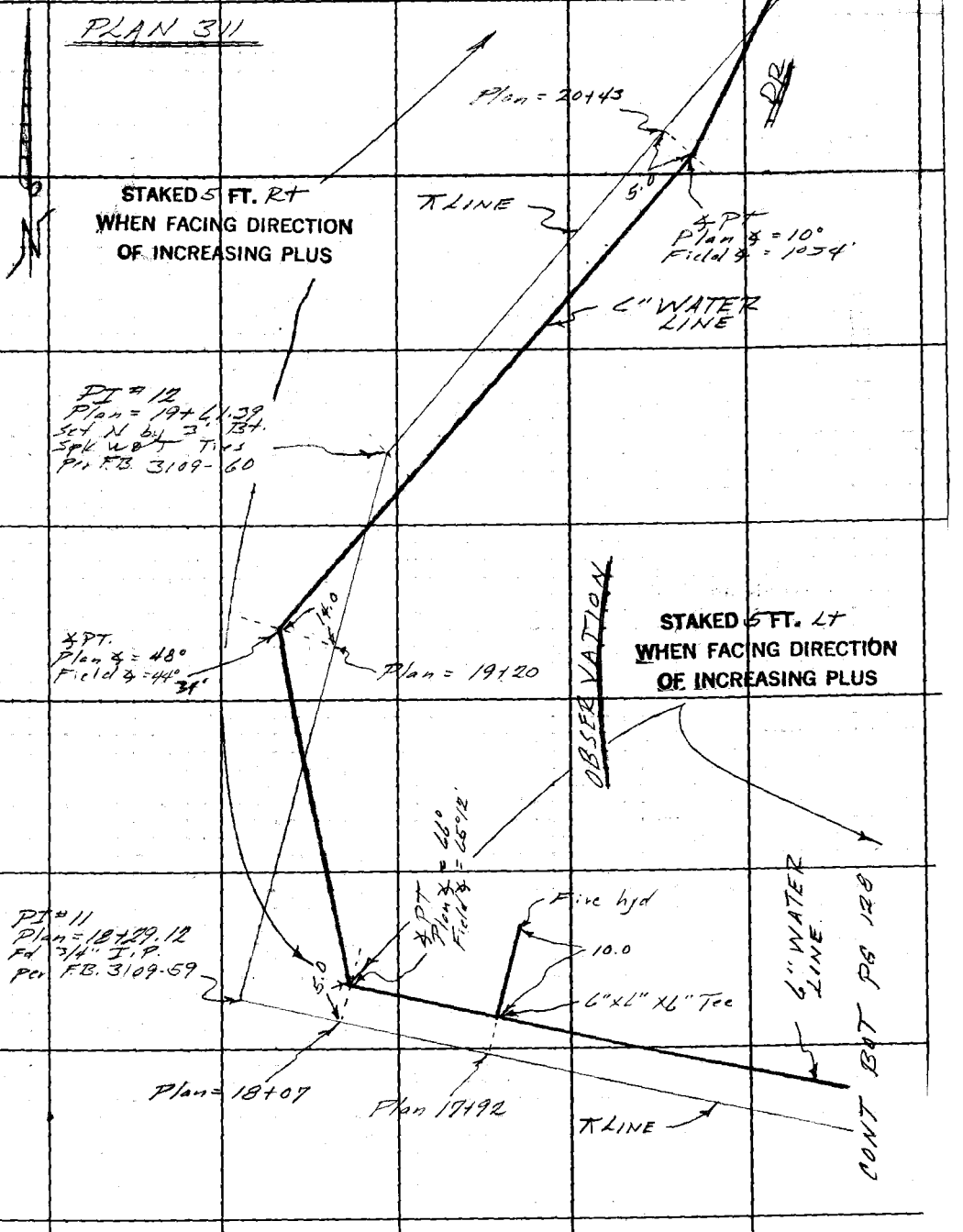
Date

Survey of Topanga E. Malibu Water Works F.B. 3403 Pg. 129
JN 22.16.15 Tape Std °F
Surveyed by F E Brooks
Notes F.B. Date 5 June 57
Indexed C. J. GALLI

CONT Rt. Pg 130

PLAN 311



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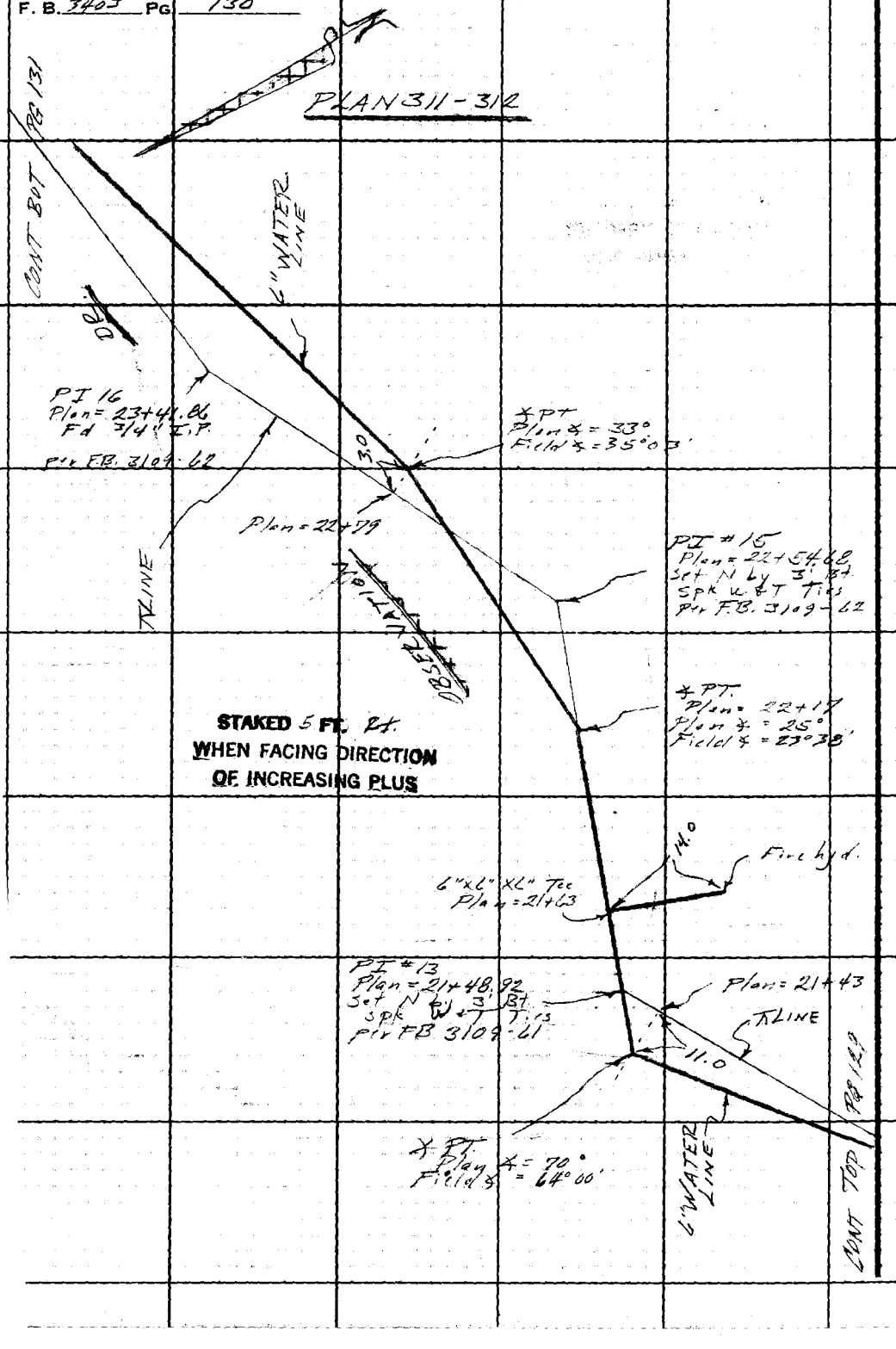
76F309S CE#310 1-65

F. B. 340J PG. 130



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Survey of Topanga E. Malibu Water Works F. B. 3405 PG. 131
JN 22/5.15 Tape Std °F
Surveyed by F.E. Brooks
Notes F.E.B. Date 11 June 47
Indexed J. GAill

PLAN 312

STAKED 5 FT. R+
WHEN FACING DIRECTION
OF INCREASING PLUS

PI 18 B
Plan = 25+55.93
3" BM
Spk in Tree
Per F.B. 3109-63

℄PT
Plan Δ = 44°
Field Δ = 44°29'

℄PT
Plan Δ = 36°
Field Δ = 31°56'

10.0

Plan = 25+39

Plan = 25+14
by scale

DR.

℄PT
Plan Δ = 21°
Field Δ = 21°14'

3.0

Plan = 25+75

CONT ON PG 132

PI # 18A
Plan = 24+75.00
Fd 3/4" I.P.
Per F.B. 3109-63

OBSERVATION

℄ LINE

6" WATER LINE

PI # 17
Plan = 24+25.47
Set N. by 3" BM.
Spk in Tree
Per F.B. 3109-63

Plan = 23+98

℄PT
Plan Δ = 19°
Field Δ = 14°29'

6°

CONT ON PG 130

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7 OF 3095 CE# 310 1-65

F. B. 3403 PG 132

CONT BOT PG 133

PLAN 312

STAKED 5 FT. RT
WHEN FACING DIRECTION
OF INCREASING PLUS

2.0

Plan = 27+69

SPT
Plan Δ = 8°
Field Δ = 9° 25'

PI # 21
Plan = 27+60.38
Set N by 3' RT.
Spk w&T Tie
Prt FB 3109-64

13.0

Fire Hyd

Plan = 27+18

6"x6"x6" Tee

PI # 20
Plan = 27+09.41
Set N by 3' RT.
Spk w&T Tie
Prt FB 3109-64

6" WATER LINE

℄ LINE

2.0

Plan = 26+38

SPT
Plan Δ = 18°
Field Δ = 16°57'

PI # 19
Plan = 26+28.44
Set N by 3' RT.
Spk w&T Tie
Prt FB 3109-64

OBSERVATION

CONT RT PG 131

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Notes Ck'd by
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Office Work
Checked
Date

Survey of Topanga & Malibu Water Works
JN 2215 Tape Std °F
Surveyed by F F B, Brooks
Notes F F B. Date 10 June 47
Indexed C. J. GALLI

F. B. 3403 PG. 133

PLAN 312

CONT BOT PG 134

PT # 24
Plan = 30+54.62
Set N. by 3' Bk
Spk w 4 Tins
Plt F.B. 3109-67

DR

Plan = 30+09

℄ PT
Plan Δ 24°
Field Δ 24°39'

3.0

PT # 23
Plan = 29+63.99
Set N by 3' Bk
Spk w 4 Tins
Plt F.B. 3109-66

Plan = 29+22

℄ PT
Plan Δ = 8°
Field Δ = 7°17'

6.0

℄ LINE

6" WATER LINE

PT # 22
Plan = 28+47.90
Fd 3/4" I.D.
Plt F.B. 3109-65

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

OBSERVATION

CONT TOP PG 132

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76F309S CE#310 1-65

F. B. 3403 Pg 134

CONT RT. PG 135

PT #18
Plan = 35+38.98
Fd 1x2
Plt FB 3109-70

PLAN 312

+PT
Plan Δ = 20°
Field Δ = 20° 52'

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 35+84

170

R2.

+PT
Plan Δ = 44°
Field Δ = 43° 27'

PT # 217
Plan = 344+20.89
Fd 3/4" I.P.
Plt FB 3109-69

2.0

Plan = 33+98

+PT
Plan Δ = 28°
Field Δ = 26° 30'

2.0

Plan = 32+98

PT # 211
Plan = 38+28.79
Fd 3/4" I.P.
S 84° 45' W 1.15'
Plt FB 3109-69

Plan = 32+35

Plan tangent

20.0

6"x6"x6" Tree

Plan = 31+90

6.0

OBSERVATORY

+PT
Plan Δ = 94°
Field Δ = 95° 49'

PT # 205
Plan = 30+04.28
Fd 3/4" I.P.
Plt FB 3109-

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 30+87

6.0

+PT
Plan Δ = 30°
Field Δ = 30° 12

CONT TOP PG 133

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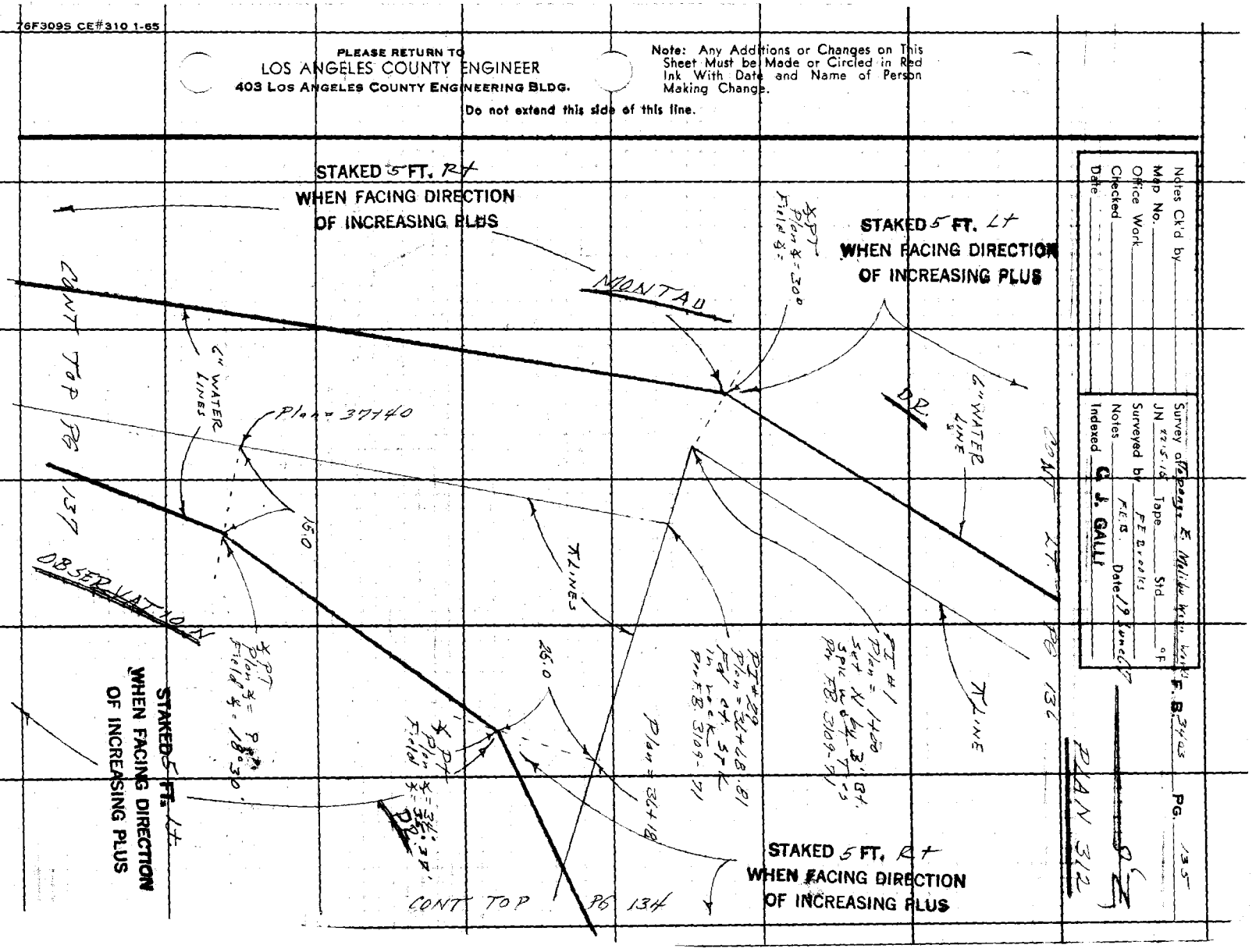

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Office Work
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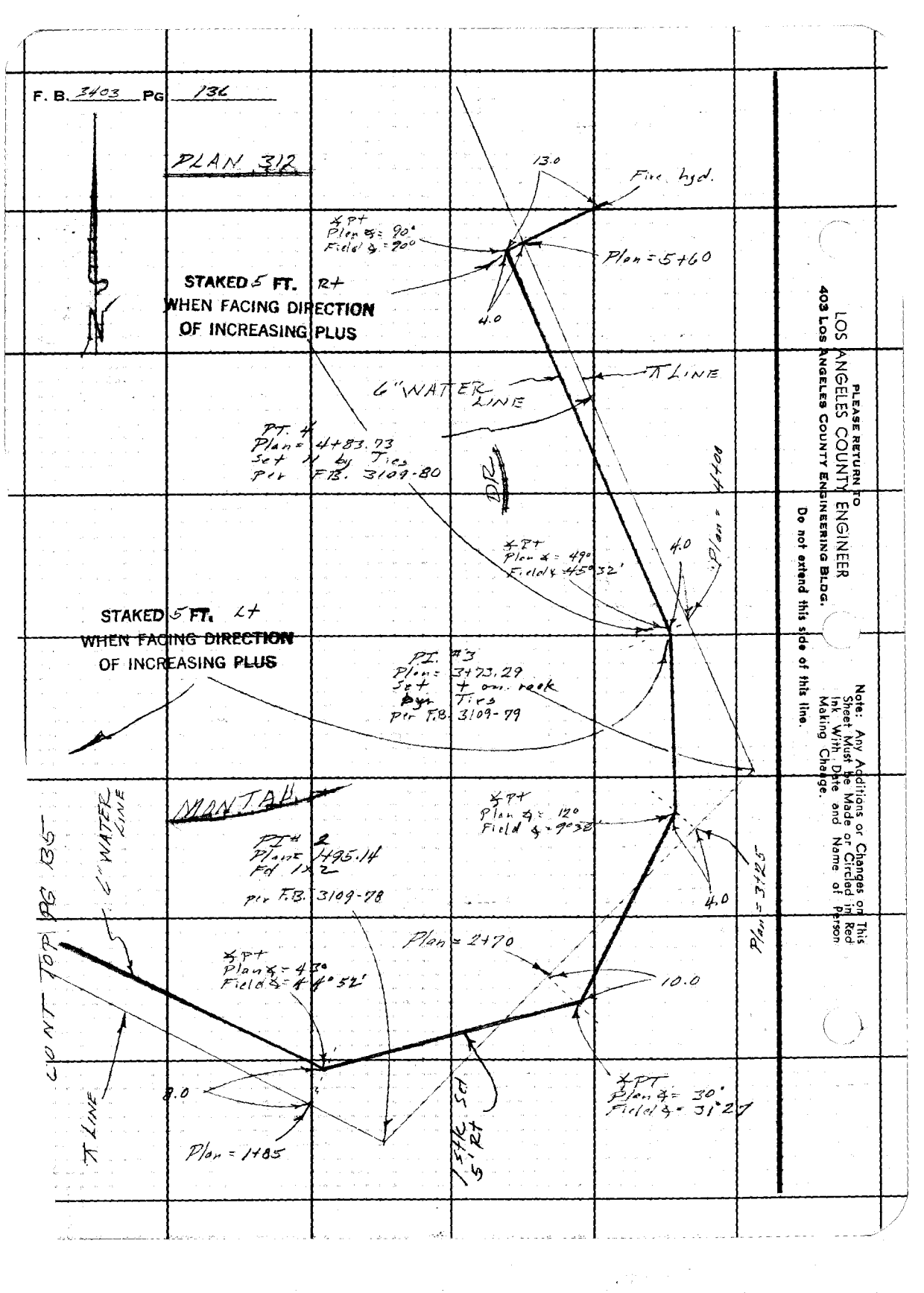
Survey of Topog. E. Malibu Knoll Unit
JN 22-15-18 Tape Std °F
Surveyed by F.E. Brooks
Notes F.E.B. Date 12 June 67
Indexed C. J. GALLI

F. B. 374-63 PG. 135

PLAN 312

F. B. 3403 Pg 136

PLAN 312



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Date

Survey of Azusa Canyon & Mountain View Water Works F. B. 3403 Pg. 134
JN 22/5.16 Tape Std °F
Surveyed by F E Brooks
Notes F.B. Date 19 June 57
Indexed C. J. GALLI

CONT BOT PG 135

PLAN 312

STAKED 5 FT. Rt WHEN FACING DIRECTION OF INCREASING PLUS

MOUNTAIN DR

6" WATER LINES

DR

STAKED 5 FT. Lt. WHEN FACING DIRECTION OF INCREASING PLUS

37+90

6.8

℄ PT
Plan Δ = 73°
Field Δ = 66°53

7.0

Fire hyd.

℄ LINE

STAKED 5 FT. Lt WHEN FACING DIRECTION OF INCREASING PLUS

6"x6"x6" Tee

Plan = 39+35

℄ PT
Plan Δ = 12°
Field Δ = 7°06'

10.0

Plan = 38+55

CONT BOT PG 138

6" WATER LINE

Plan = 38+80

PI #30A
Plan = 38+62.32
Set N by ⌖ and dist from PI 30B per F.B. 3109-72

Plan = 39+17

6.0

3.0

℄ PT
Plan Δ = 54°
Field Δ = 58°24'

℄ LINE

℄ PT
Plan Δ = 55°
Field Δ = 56°38'

OBSERVATION

PI 30B
Plan = 39+23.30
Set N by 3' Bt
Spk W of T Tr.
per F.B. 3109-72

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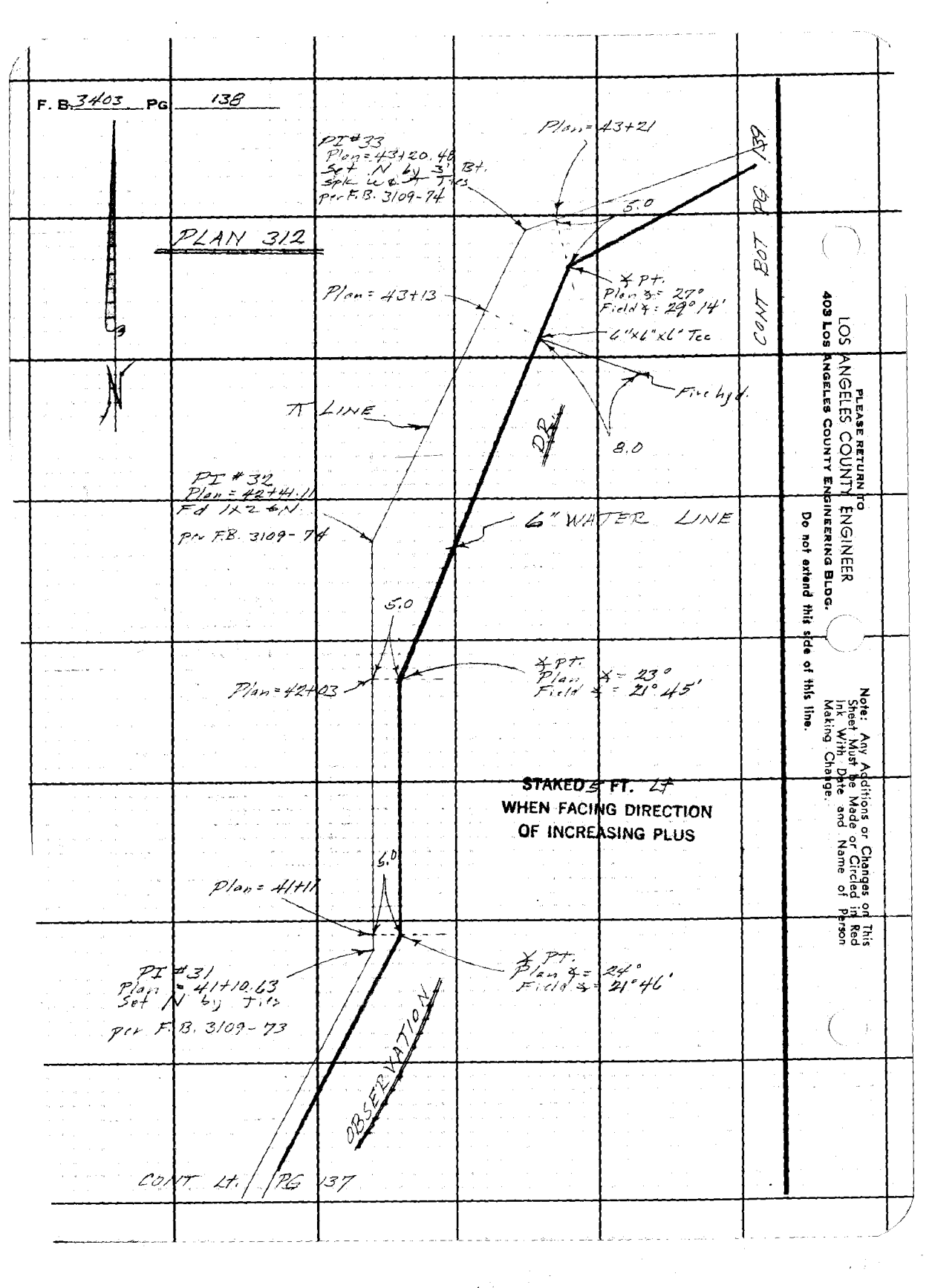
F. B. 3403 PG 138



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Notes Ck'd by	Survey of Topanga P. Malibu Water Works
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F E Brooks
Checked	Notes F.F.B. Date
Date	Indexed C. J. GALLI NOV 21 '67

F. B. 3403 Pg. 137

PI #36
Plan = 49+41.27
Fd 3/4" I.P.
prv F.B. 3109-77

6"x6"x6" Tee

Plan = 48+05

PLAN 312

Plan = 47+94

℄ PT
Plan Δ = 63°
Field Δ = 64° 02'

℄ LINE and 6" WATER LINE

7.0

DR.

PI #35
Plan = 45+72.26
Fd 3/4" I.P.
prv F.B. 3109-76

STAKED ℄ FT. 4
WHEN FACING DIRECTION
OF INCREASING PLUS

℄ LINE

6" WATER LINE

7.0

Plan = 44+88

℄ PT
Plan Δ = 16°
Field Δ = 20° 00'

OBSERVATION

PI #34
Plan = 44+46.84
Fd 3/4" I.P.
prv F.B. 3109-75

Plan = 44+07

2.0

℄ PT
Plan Δ = 20°
Field Δ = 17° 43'

CONT. TOP PG 138

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F. B. 3403 PG 140

Notes Ck'd by	Survey of Topanga E. Malibu W.W. F. B. 3407 PG. 141
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F F Brook
Checked	Notes F.F.B. Date 22 June 64
Date	Indexed C. J. GALLI

JN 2215.15

TOPANGA E MALIBU WATER WORKS

DISTRICT NO 29

BANIUM DR

GRANDVIEW DR.

WATER WORKS PLAN 321

FE Brook
R Harrington
GF Cook
M Sonnenschein

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76F309S CE#310 1-65

F. B. 3403 PG 142

PLAN 321

EXISTING 6" WATER LINE

Plan = 2445.52
Fd 3/4" I.P.
Flush
Pk FB. 3109-235

DR.

STAKED 5 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

*PT
Plan ∠ = 15°
Field ∠ =

Plan = 5493

4452.62
PBT
Fd 1X2 ⊕ N
Pk FB. 3109-235

0400
Fd 3/4" I.P.
No Tag
Pk FB. 3109-233

DR.

FERNWOOD

PACIFIC

6" Water Line

*PT
Plan ∠ = 45°
Field ∠ =

Plan = 0410

4.0

Plan = 0417

0.4

*PT
Plan ∠ = 70°
Field ∠ = 69°56'

*PT
Plan ∠ = 15°
Field ∠ = 14°03'

Plan = 2430

GRANDVIEW

*PT
Plan ∠ = 46°
Field ∠ = 46°09'

T LINE

4.0

12.0

12.0

BLINOM

T LINE

Plan = 1454

DR.

*PT
Plan ∠ = 51°
Field ∠ = 50°00'

Plan = 2460

2468.29
Fd 3/4" I.P.
Pk FB. 3109-234

Plan =

Fd 1/2" I.P.
No Tag
Pk FB. 3109-234

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Notes Ck'd by	Survey of Topanga E Malibu Water Works F. B. 3403 PG. 143
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FES Date 23 June 47
Date	Indexed G. J. GALLI NOV 2 1

S. N. 2215.15

TOPANGA E. MALIBU WATER WORKS

DISTRICT NO 29

SISCHO DR.

WATER WORKS PLAN 321

FE Brooks
A Harrington
AE Cook
NI Sommerschein

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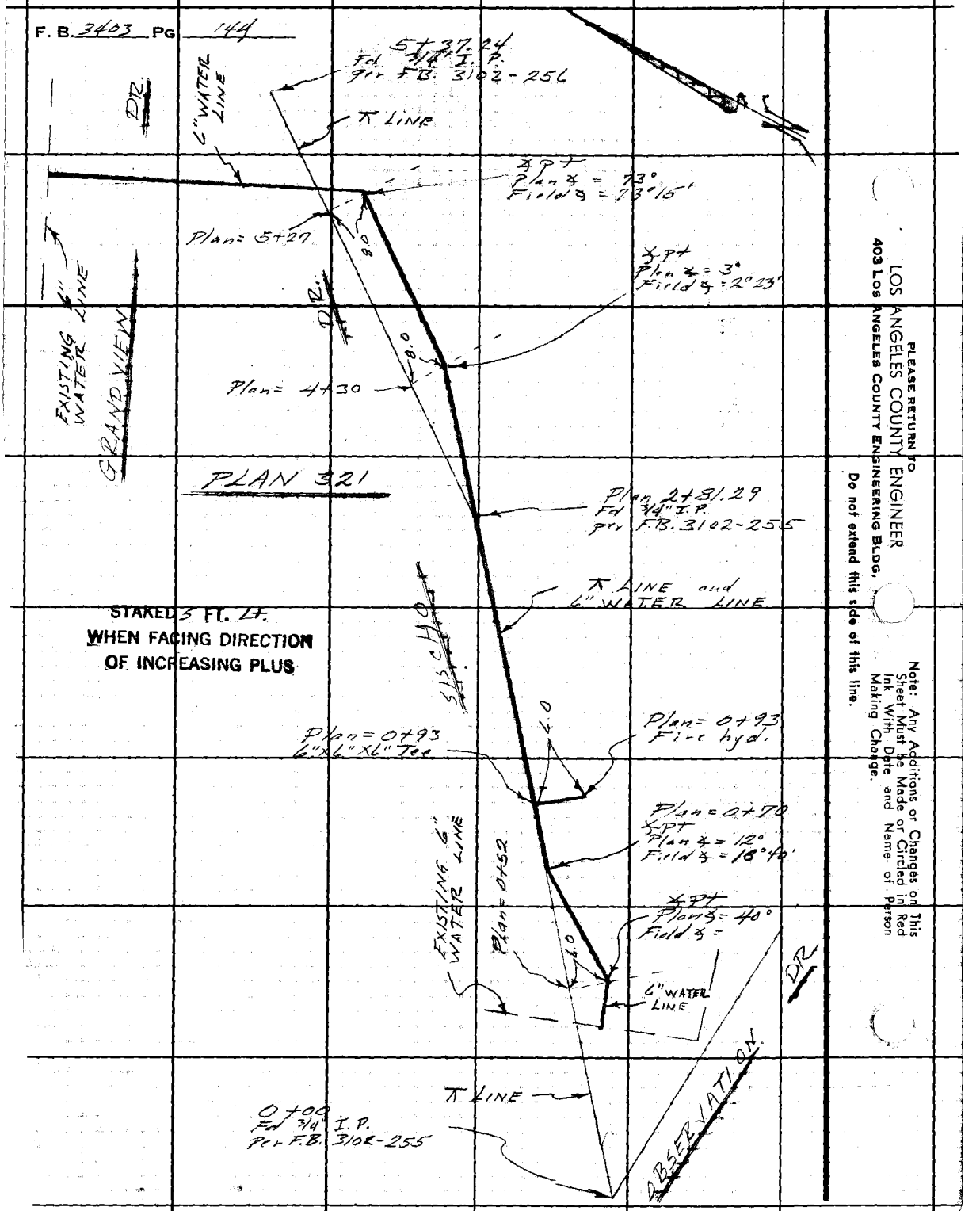
F. B. 3403 PG 144



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Notes Ck'd by	Survey of Topanga E. Malibu Water Works
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes F.E.B. Date June 47
Date	Indexed C. J. GALLI

F. B. 3403 Pg. 145

J.N. 2215.15

TOPANGA E. MALIBU WATER WORKS

DISTRICT NO 29

HORSESHOE DR.

WATER WORKS PLAN 315

FE Brooks
P Harrington
GE Cook
M Sonnenschein

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 3403 PG 146

DR.

Pg 148

Pg 147

PACIFIC DRIVE

PLAN 315

Pg 149

HORSESHOE

Pg 150

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Notes Ck'd by	Survey of Topanga E. Malibu Water Works F. B. 3403 PG. 147
Map No.	JN 2215.15 Tape Std °F
Office Work	Surveyed by F F Brooks
Checked	Notes F.E. 12. Date 24 June 47
Date	Indexed C. J. GALLI

CONT TOP PG 148

Plan = 3+53.52
Fd 1" I. P.
per F.B. 3109-166

PLAN 315

Plan = 3+45

Plan = 3+40
Fire hyd

10.0

2.0

℄ Pt
Plan Δ = 70°
Field Δ = 73°38'

Plan = 3+40
6"x6"x6" Tee

℄ LINE

STAKED 5 FT. Lt
WHEN FACING DIRECTION
OF INCREASING PLUS

6" WATER LINE

HORSE SHOE

Plan = 0+44
℄ Pt.
Plan Δ = 121°11'
Field Δ = 118°11'

Plan = 0+00
Set N & 3' Tics
per F.B. 3109-163

Plan = ?
Scale = 1"=80'

DR.

℄ Pt
Plan Δ = 21°
Field Δ = 31°08'

5.0

PI #1
Plan = 1+55.18
Fd N by 3' Tics
per F.B. 3109-164

Plan = 1+22
℄ Pt.
Plan Δ = 38°
Field Δ = 26°40'

Plan = 0+00

FERNWOOD
PACIFIC DR.

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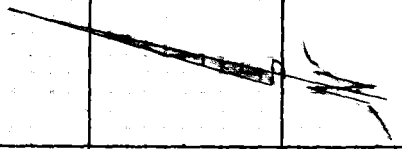
16F3095 CE#310 1-65

F. B. 3407 Pg 148

CONT LT PG 147



PLAN 315

℄ LINE

6" WATER LINE

Plan = 3+80
℄ PT.
Plan Δ = 25°
Field Δ = 17°36'

℄ LINE and 6" WATER LINE

HORSE SHOE

STAKED 5 FT. LT
WHEN FACING DIRECTION
OF INCREASING PLUS

STAKED 5 FT. RT.
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 5+20
℄ PT.
Plan Δ = 19°
Field Δ = 20°37'

Plan = 5+34.39
Fd. 1" I.P.
Plr F.B. 3109-167

Plan = 5+81
℄ LINE
Plan = 6+13

DR.

15.0

8.0

℄ PT.
Plan Δ = 40°
Field Δ = 34°50'

℄ PT
Plan Δ = 48°
Field Δ = 53°14'

6" WATER LINE

CONT TOP

PI # 4
Plan = 6+39.05
Fd 3/4" I.P
Plr F.B. 3109-167

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

Survey of Topanga E. Malibu Water Works
JN 2215.15 Tape Std °F
Surveyed by F.E. Brooks
Notes F.E.B. Date 26 June 67
Indexed G. J. GALLI

F. B. 3403 PG. 149

PLAN 315

CONT RT PG 148

℄ LINE

6" WATER LINE

P.I. 5
Plan = 7408.75
Set Not by Rad. ⊥ st
From P.I. #4
Pin F.B. 3109-168

℄ PT
Plan Δ = 16°
Field Δ = 20°00'
Plan = 7428

4.0

DR

STAKED 6 FT. Rt
WHEN FACING DIRECTION
OF INCREASING PLUS

Plan = 8+00
Field = 7499.48
Fd. 1" I.P.
Pin F.B. 3109-169

Plan = 8+12

℄ PT
Plan Δ = 35°
Field Δ = 36°13'

4.0

HORSE SHOE

8+58.98
Fd 3/4" I.P.
Pin F.B. 3109-169

Plan = 8+80
6"x6"x6" Tee

Plan = 8+57

4.0

℄ PT
Plan Δ = 39°
Field Δ = 39°30'
Staked 10' Rt

Plan = 9+23
℄ PT.
Plan Δ = 60°
Field Δ = 67°48'

℄ LINE and 6" WATER LINE

8.0

P.I. #7
Plan = 9+46.49
Fd 1" I.P.
Pin F.B. 3109-169

Plan = 8+90
Fire Hyd.

6" WATER LINE

℄ LINE

CONT TOP PG 150

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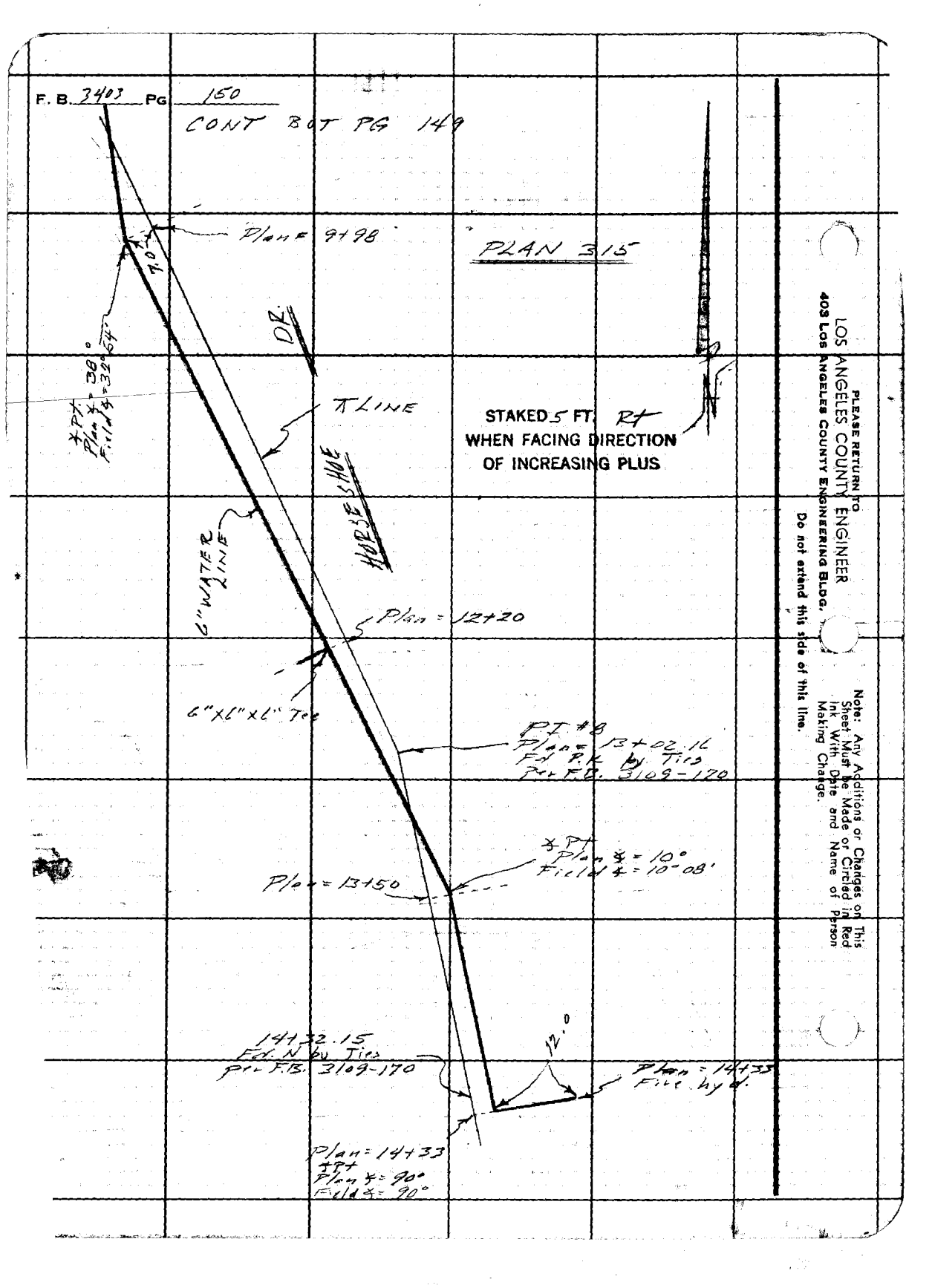
76F3095 CE#310 1-65

F. B. 3403 PG 150

CONT BOT PG 149



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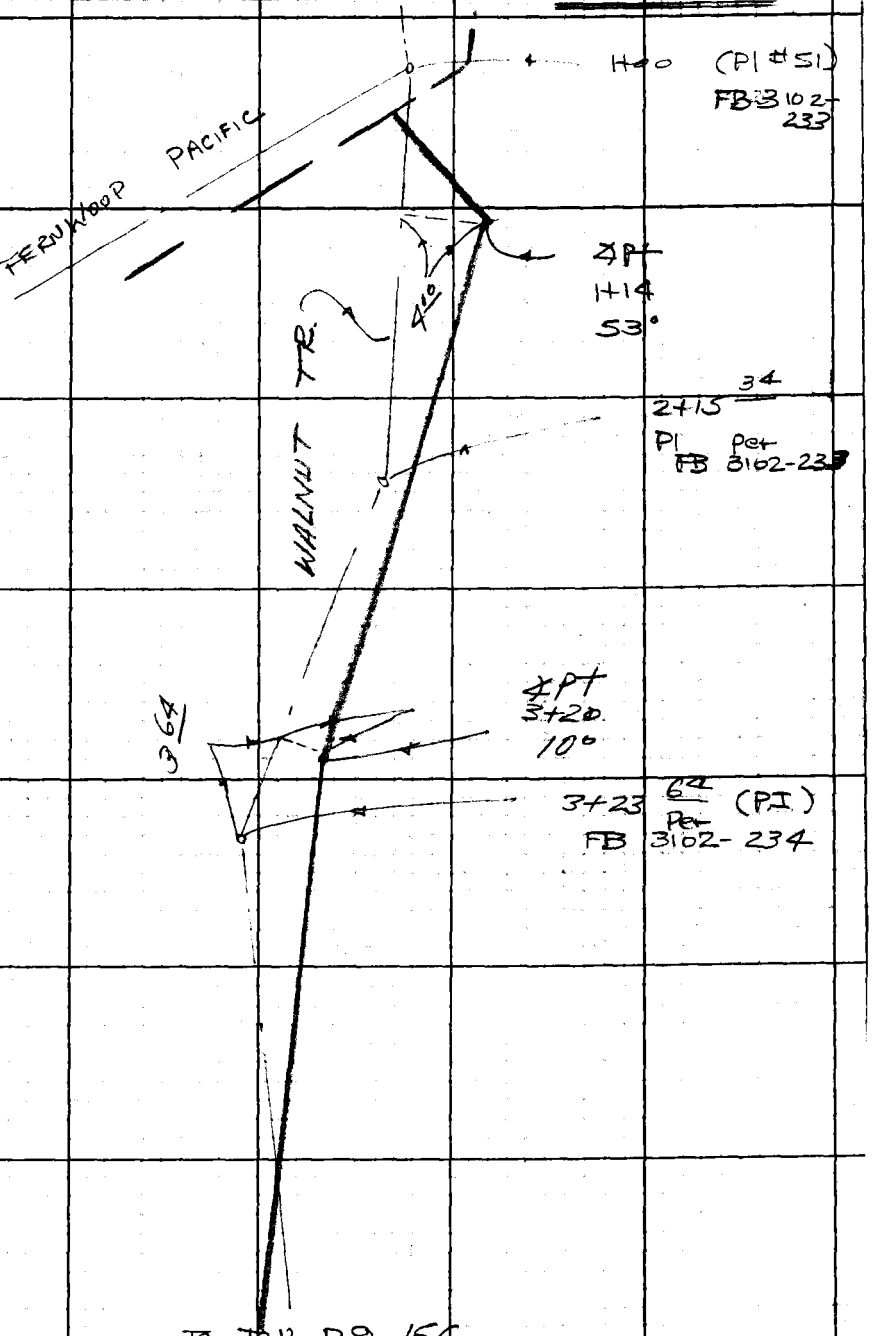
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of WW #29
JN 2215.15 Tape 0205 Std 68 °F
Surveyed by W T Vogt
Notes Vogt Date 9.16.67
Indexed C. J. GALLI NOV 21

F. B. 3443 Pg. 155

SHEET 321



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TO Bdt. Pg 155

F. B. 3403 PG 156

SHEET 321

4 Pt
5432
2°

PI 4
5465 per
FB 3102-234

3°

33°

FERN

17°

4 Pt
6+32
12°

3°

65'

WINNUT 72

PI #
45A
FB 3102-235
6+97

4 Pt
7+01
34°

5°

49°

4 Pt
7+50
8°

70°

20°

14°

PI-46A
FB 3102-235