Notes Ck'd by	Survey of	F.B. 2987 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		WATERWORKS DIST. #29 2215.14
5-6	Index	
7-35	C.L.	Transit Ln. along Entrada Rd. from Topanga Cyn. Blvd. to Wayview Dr.
36-39	C.L.	Portion of Colina Dr. N. of Wave view Dr.
40-54	C.L.	Transit ln. on Encina Rd.
55-66	C.L.	Transit ln. along Colina Dr. thru Sec. 18 T1S, R16W.
67-70	Topog.	Along Colina Dr. in Sec. 18 T1S R16W
81-93	Topog.	Profile & cross-section along Colina Dr. Sec. 18, T1S R16W.
95-99	C.L.	Transit ln. of Muerdago Rd.
100-103	C.L.	Transit ln. of Waveview Dr.
105-193	Topog.	Topog. of Entrada Rd., Encina Rd., Colina Dr., Wayview Rd., Muerdago Rd. from Topanga Cyn. Blvd. E'ly to Rancho San Vincente.
195-214	Prof.	Profile of Entrada Rd. from Topanga Cyn Rd. to Waveview Dr.

Microfilmed April '85

(cont'd on next page)

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76P309S CE #210 5-66

F.B. 2987 Pg.

Page	Job	Description
215-222	Prof.	Profile of Colina Dr. from Sec. 7 & 18 to Waveview Dr.
223-236	Prof.	Of Encina Rd. & Encina Dr. from Entrada Rd. (7+19.67) to Entrada Rd. (24+55.48).
237-242	Prof.	Of Muerdago Rd. from Encina Rd. to sec. ln. between Sec. 7 & Sec. 18
243-249	Prof.	Of Waveview Dr. from Jct. of Waveview Dr., Entrada Rd., & Colina Dr. SW'ly to end of Waveview Dr.
250	Cont.	Angles checked.
253-259	X-Sec.	X-Sec. for Storm Damaged Water Facilities in Encina Dr.

Notes Ck'd by
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Office Work
Checked
Date

Survey of ZIAI ENTRADA
JN 0303.00 Tape 0222 Std 68 °F
Surveyed by R.C. BOWERS
Notes R.C.B. Date 10/62
Indexed E. J. GATTS JAN 24 '63

F. B. 2987 PG. 5

ZIAI ENTRADA

WATER WORKS DIST. #29

J.N. 0303.00

(J.N. 2215.14)

Centerline retracement of Entrada Rd., Encina Rd., Colina Dr. and Waverview Dr. From Topanga Canyon Blvd E'ly to Rancho San Vincente

Oct. 1962

REF.

F.B. 760
F.B. 2661
F.Q. 395
C.S.B. 1495
F.B. 2978
C.S.B. 1485

PARTY

BOWERS
SMILEY
DOVER
TINDELL

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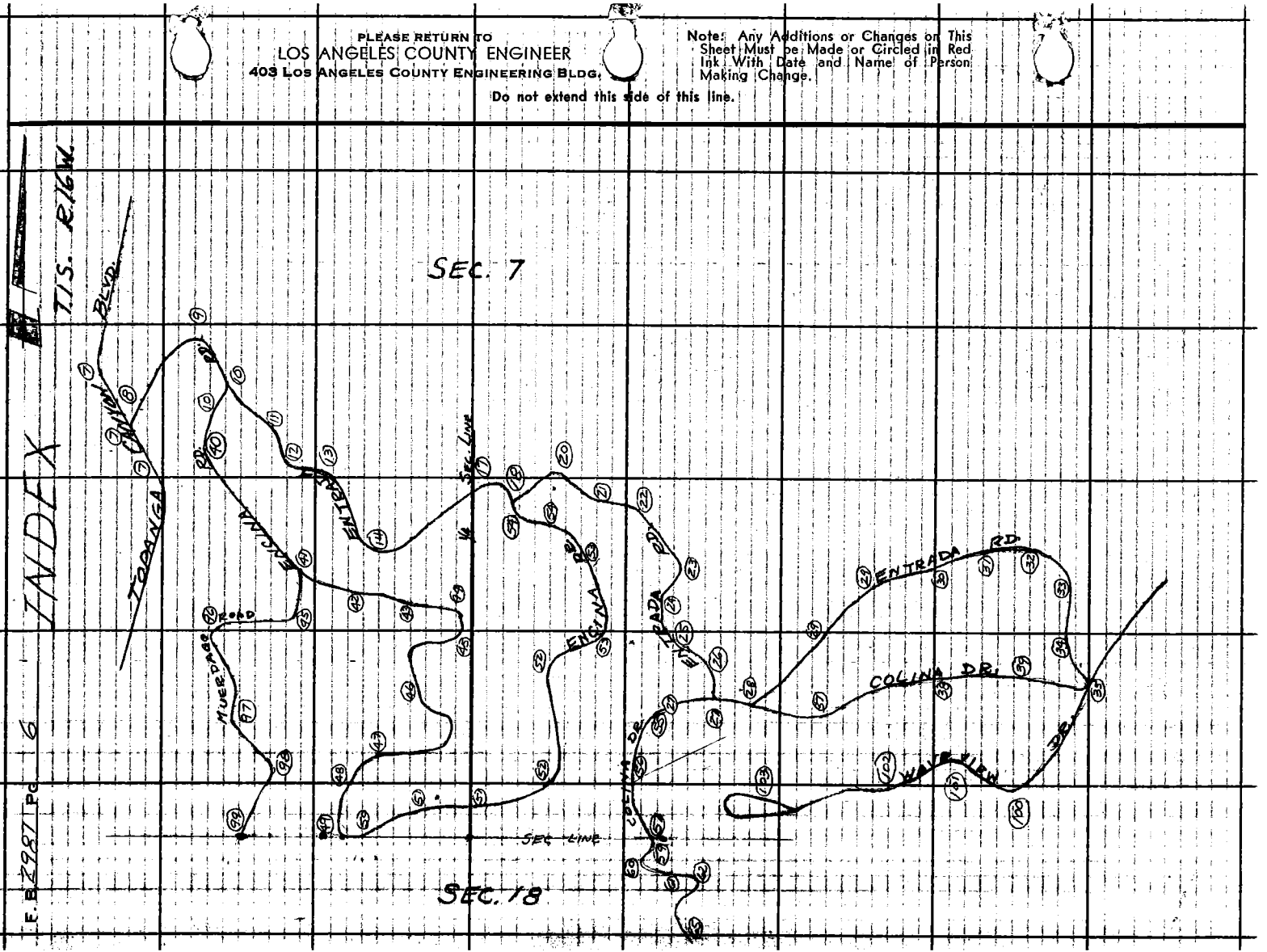

Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 7
Map No.	JN 0303.00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. Bowers	
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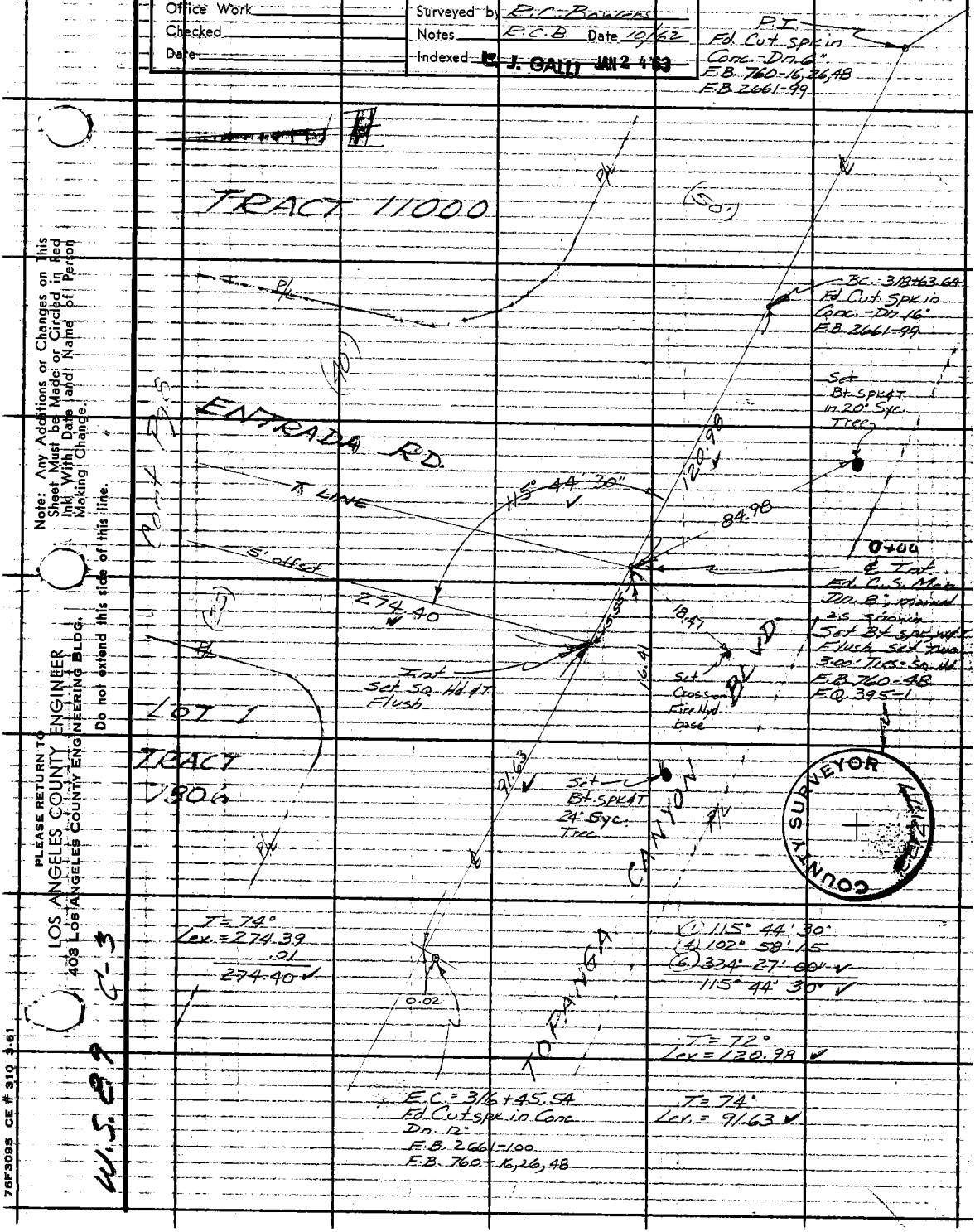
Date	Indexed C. J. GALLI JAN 2 4 '63	



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W.S. 89 C-3

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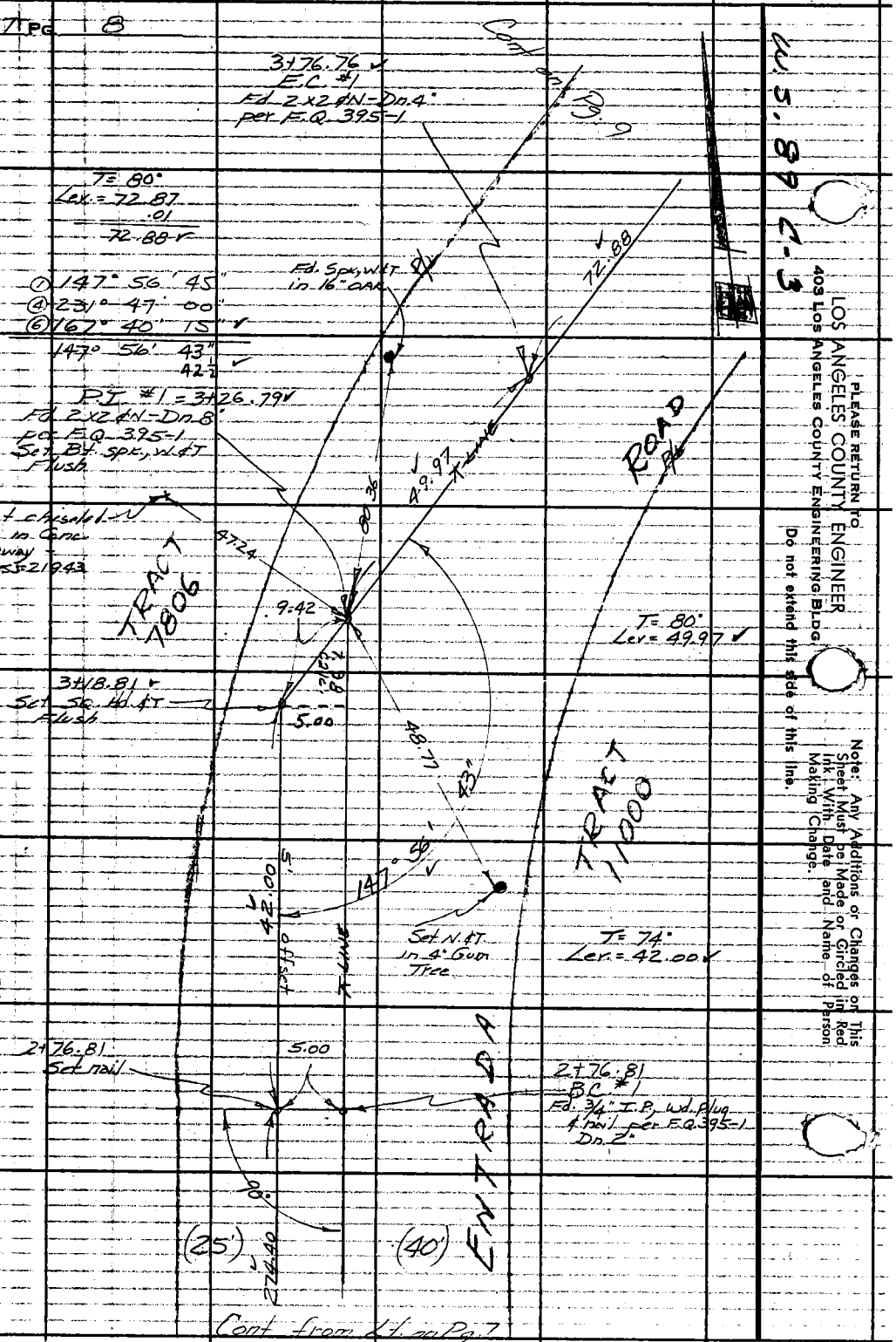
F.B. 2987 Pg. 8



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Map No.	JN 0303.00 Tape [illegible] Std [illegible] °F	
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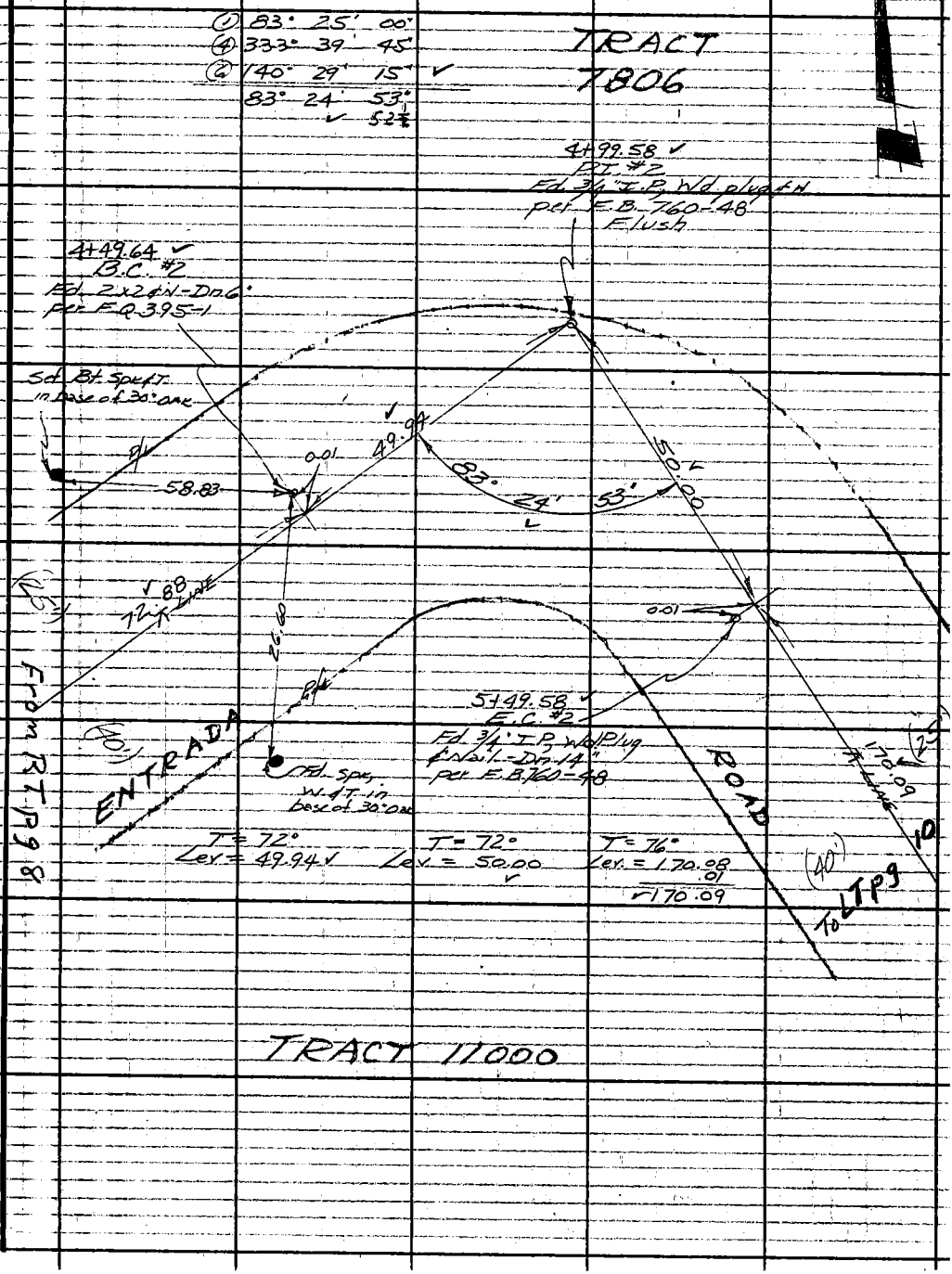
Date	Indexed C. J. GALLI	



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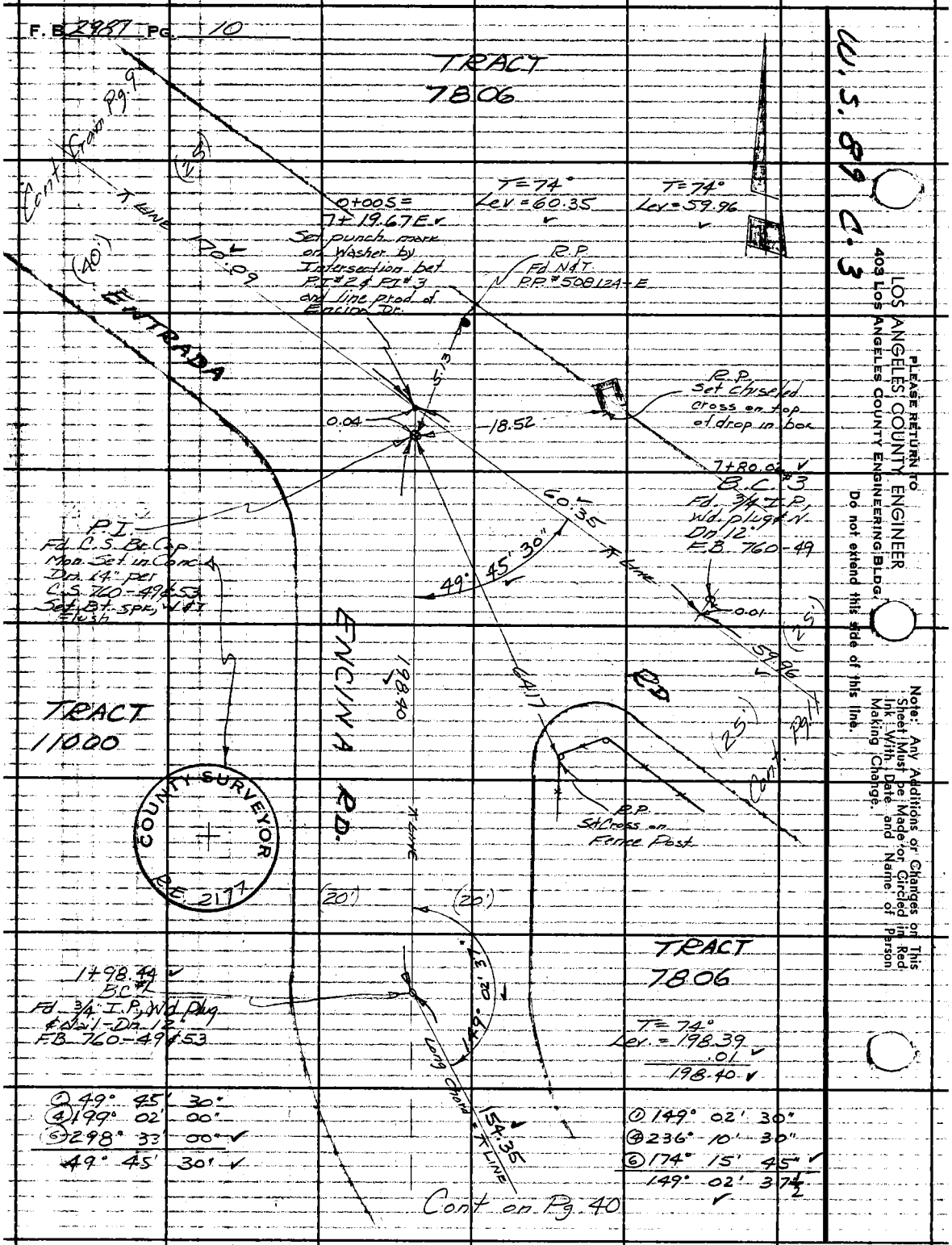
F. B. 2987 PG. 10



U. S. 99 C. 3

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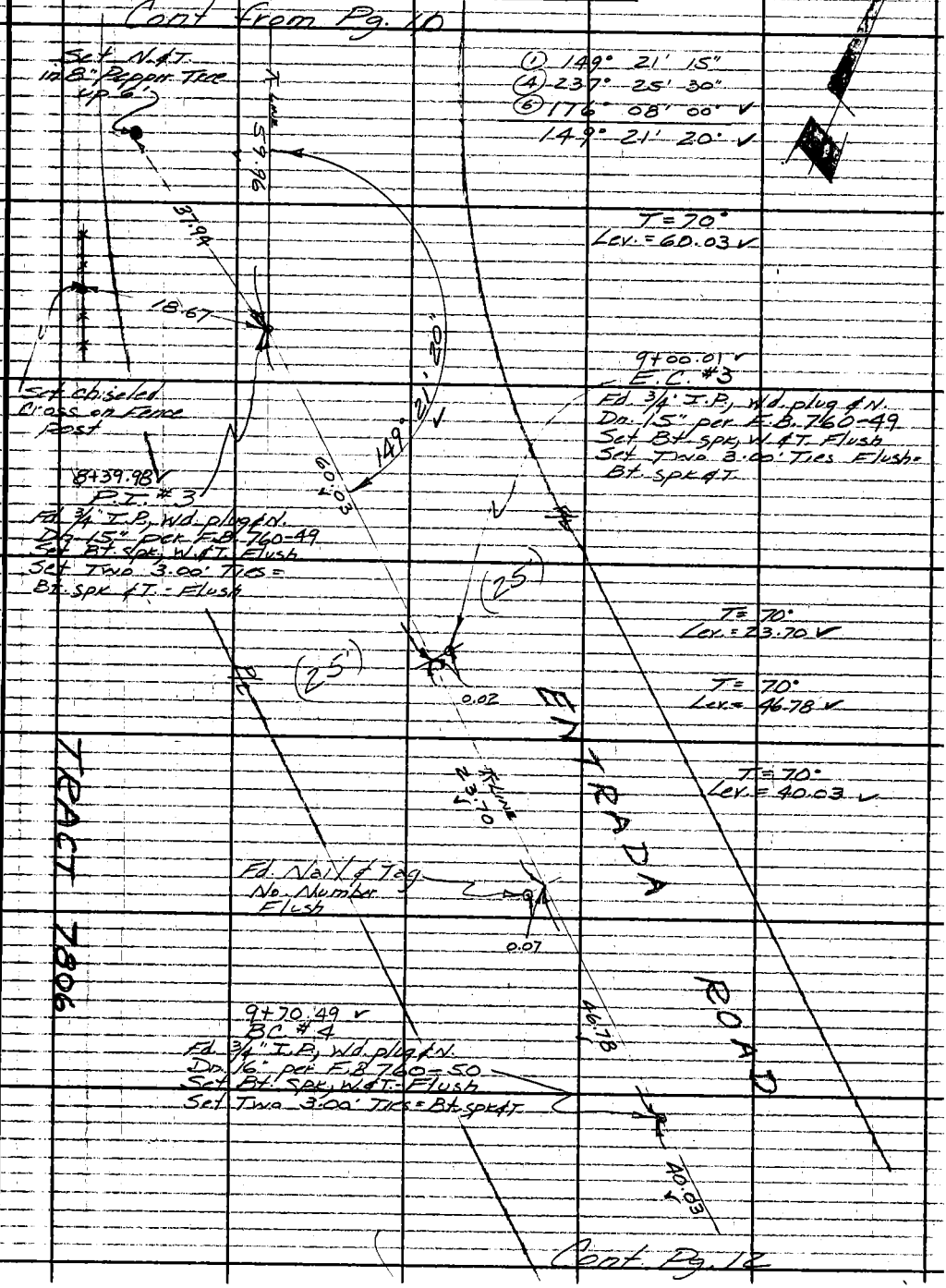
Date	Indexed E. J. GALLI	

Cont from Pg. 10



Cont. Pg. 12

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Cont. from Pg. 11

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JN 0.3-33 Tape 0222 Std °F
Surveyed by R.C. BOWERS
Notes R.C.B. Date 10/62
Indexed C. J. GALLI

F. B. 2987 Pg. 13

Cont from Pg. 12

① 103° 31' 00"
④ 54° 04' 15"
⑥ 26/° 06' 45" ✓
103° 31' 07" ✓

R.P.P.I.
Fd. 3/4" I.P. Wld. plug & N.
Dn. 4' F.B. 760-51

P.P.P.I
Fd. 3/4" I.P. Wld. plug & N.
Dn. 16" F.B. 760-51

Set cross on top of Fence Post

22.43

103° 31' 07" =

E.C. 6.02 ✓

59.99 ✓

15.92

Set N.A.T. P.P. # 701747E

ENTRADA ROAD

23.20

23.55

13+58.59 ✓
P.I. #6
Fd. 3/4" I.P. No Plug or nail. Dn. 20', bent down
Reset 1" I.P. Conc. plug & C.E. Tag, Dn. 12" by Intersection
Set Two 3.00' Ties = Bt. spk. & T. = Flush
F.B. 760-51

11+55.16 ✓
P.I. #5

Fd. 3/4" I.P. Wld. plug & N.
Dn. 15" F.B. 760-50
Set Bt. spk. W.A.T. Flush
Set Two 3.00' Ties =
Bt. Spk. & T. = Flush

93.44 ✓

50.00

Set Sq. Hl. A.T. P.P. # 701748E

20.54

47.60

49.96 ✓

Set Sq. Hl. A.T. 18" Pepper Tree

12+15.15 ✓
E.C. #5
Set 1" I.P. Conc. plug & C.E. Tag = Dn. 12" by Projection bet. Pt. #5 & B.C. #6
Set Bt. spk. W.A.T. = Flush
Set Two 3.00' Ties =
Bt. spk. & T. = Flush
F.B. 760-50

TRACT 7806

Set Sq. Hl. A.T. 12" Pepper Tree

13+08.59 ✓ B.C. #6
Fd. 3/4" I.P. Wld. Plug & Nail - Dn. 15"
Set Bt. spk. W.A.T. Flush
Set Two 3.00' Ties =
Bt. spk. & T. = Flush
F.B. 760-51

14+08.55 ✓
E.C. #6
Fd. 3/4" I.P. Wld. plug & Nail - Dn. 15"
F.B. 760-51
Set Bt. spk. W.A.T. Flush
Set Two 3.00' Ties =
Bt. spk. & T. = Flush

204.51 ✓ ℄ Line

Point B

Δ = 70° Lev. = 59.99 ✓
Δ = 71° Lev. = 93.44 ✓
Δ = 70° Lev. = 50.00 ✓

Δ = 80° Lev. = 33.30 ✓
Δ = 80° Lev. = 23.55 ✓
Δ = 80° Lev. = 49.96 ✓

① 110° 59' 00"
④ 83° 55' 15"
⑥ 305° 52' 45" ✓
110° 58' 47" ✓

W. 5, 9, C-3

76F3095 CE # 310 3-61

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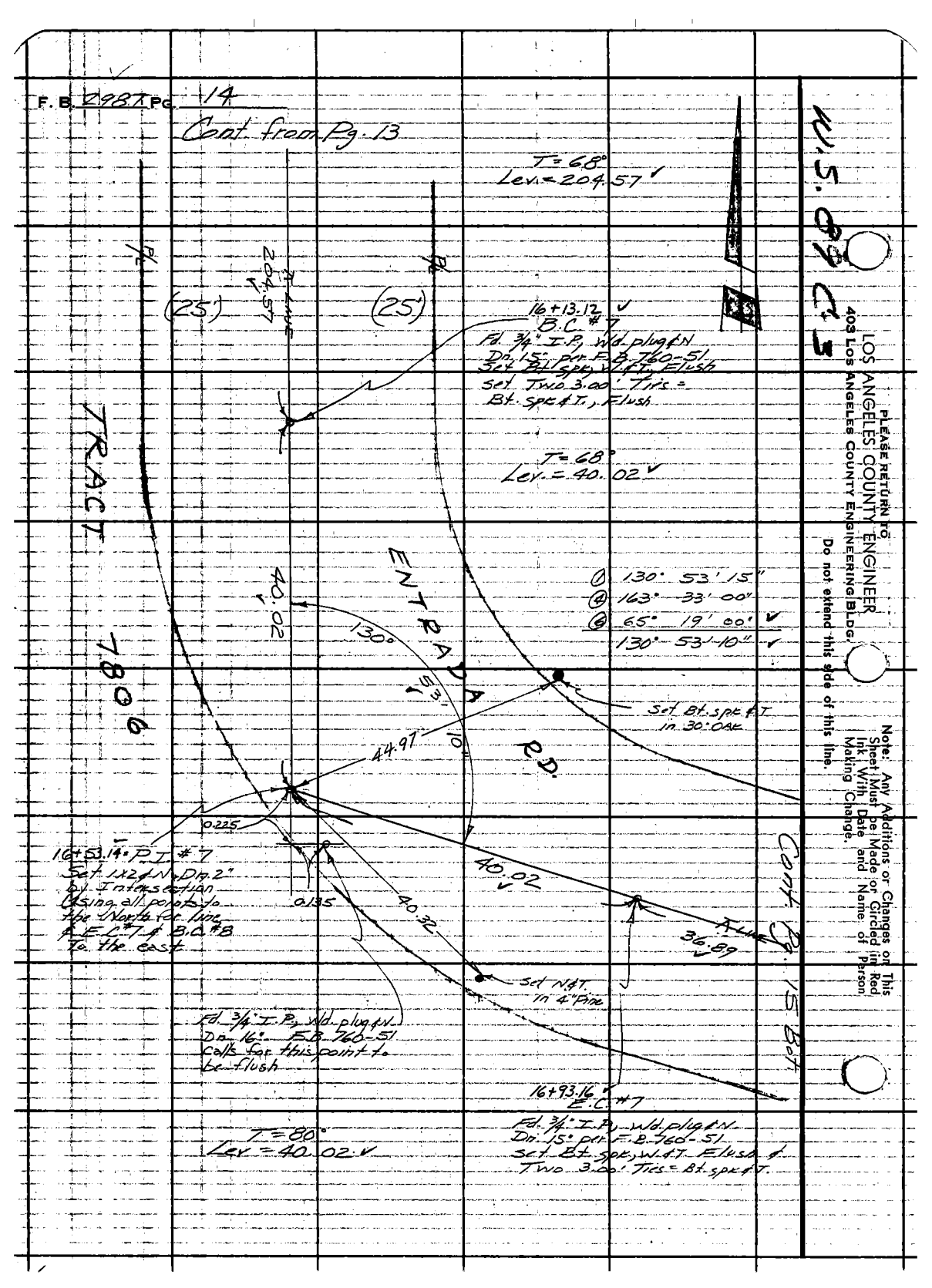
F. B. 2987 Pg. 14

Cont. from Pg. 13



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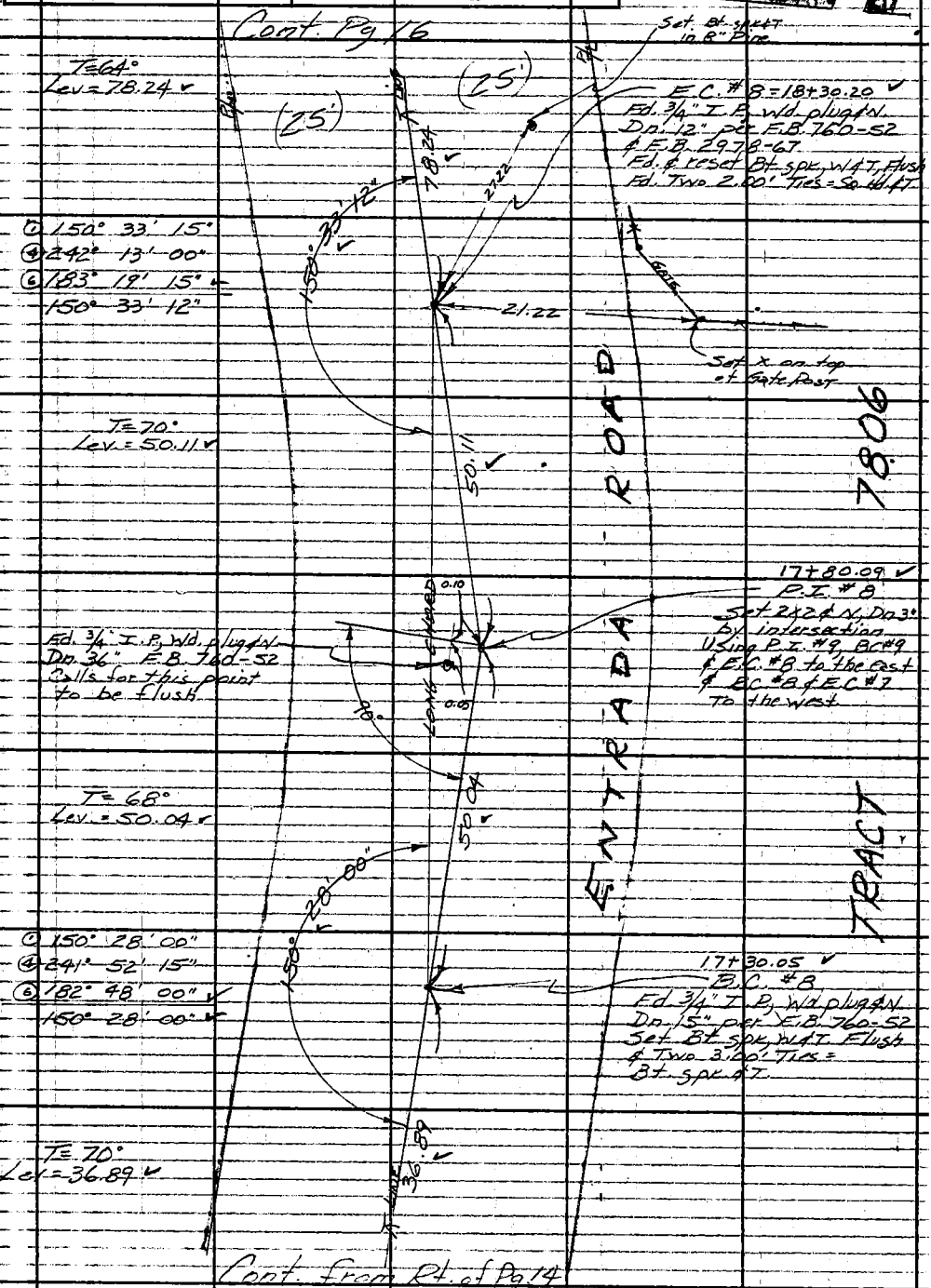
Map No.	JN 0303.00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 10/62	
Date	Indexed C. J. GALLI	

Cont. Pg 16



Cont. from Rt. of Pg 14

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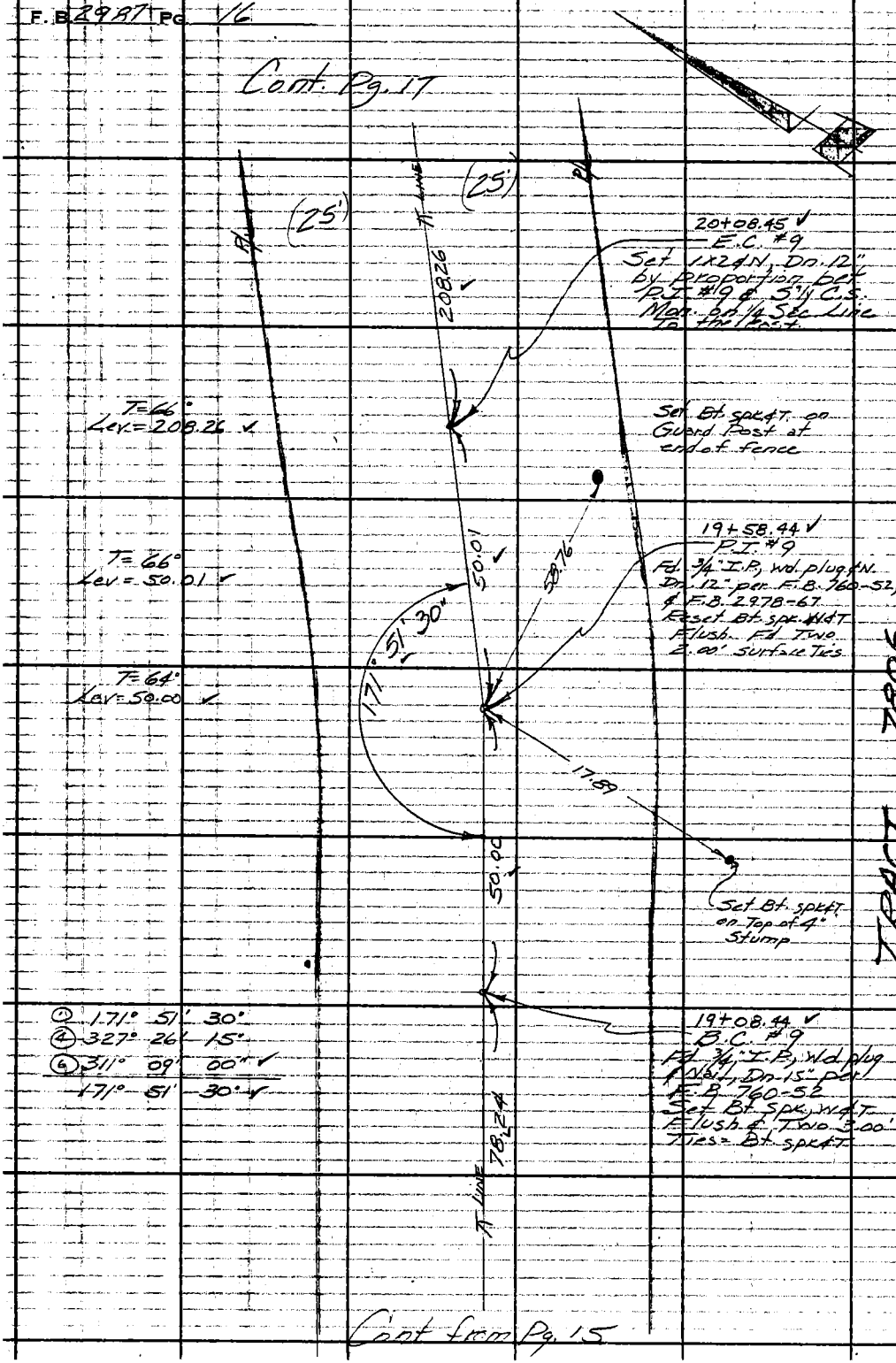
76F309S CE # 310 3-61

N.S. 89 C-3

F.B. 2987 Pg. 16

Cont. Pg. 17



Cont from Pg. 15

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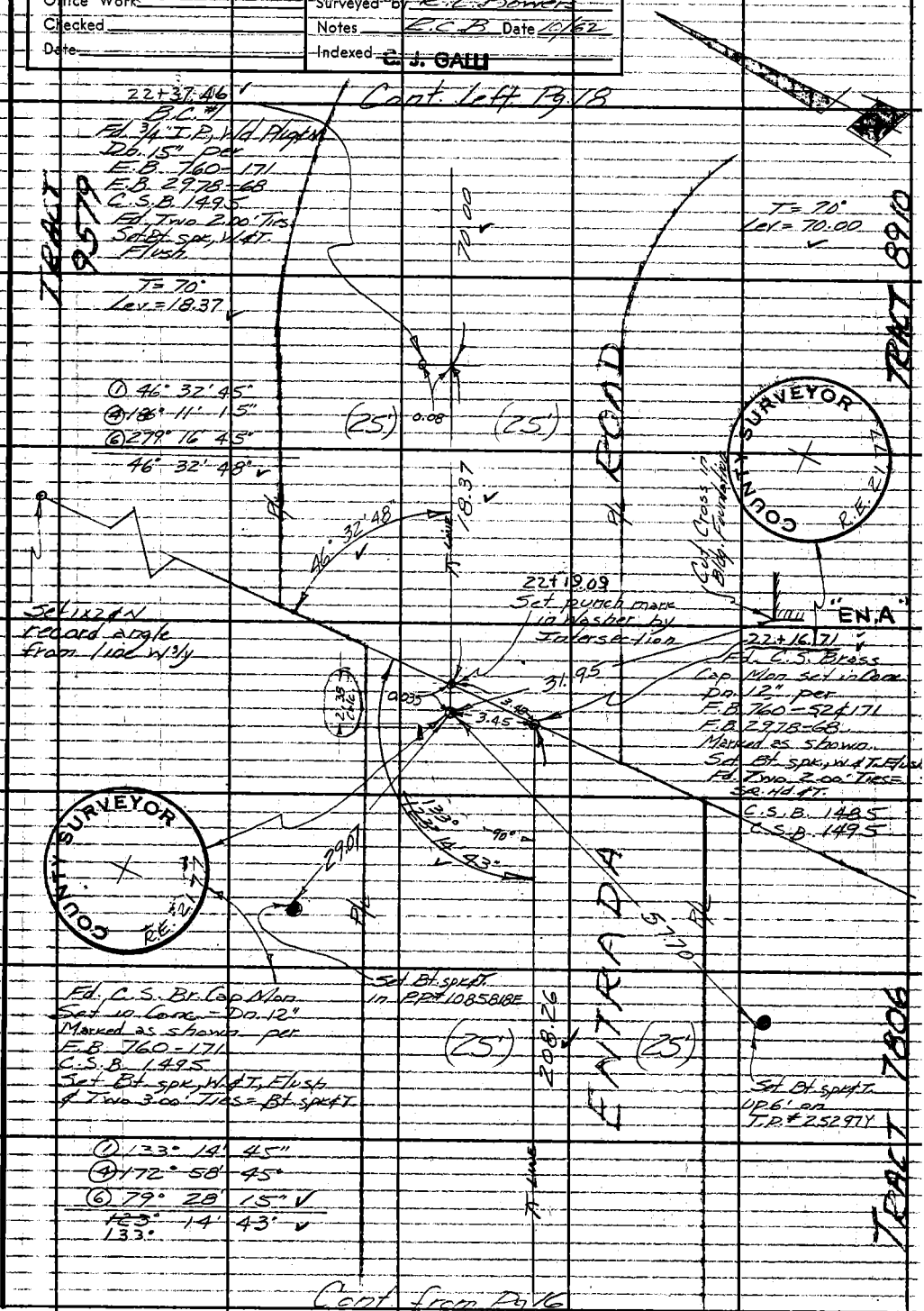
Notes Ck'd by	Survey of ENTRADA Rd	F.B. 2987 PG. 17
Map No.	JN 0303.00 Tape 0227 Std 68 °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B. Date 10/62	
Date	Indexed C. J. GALLI	



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F.B. 2987 Pg. 18

W.S. 99 C.S. 3

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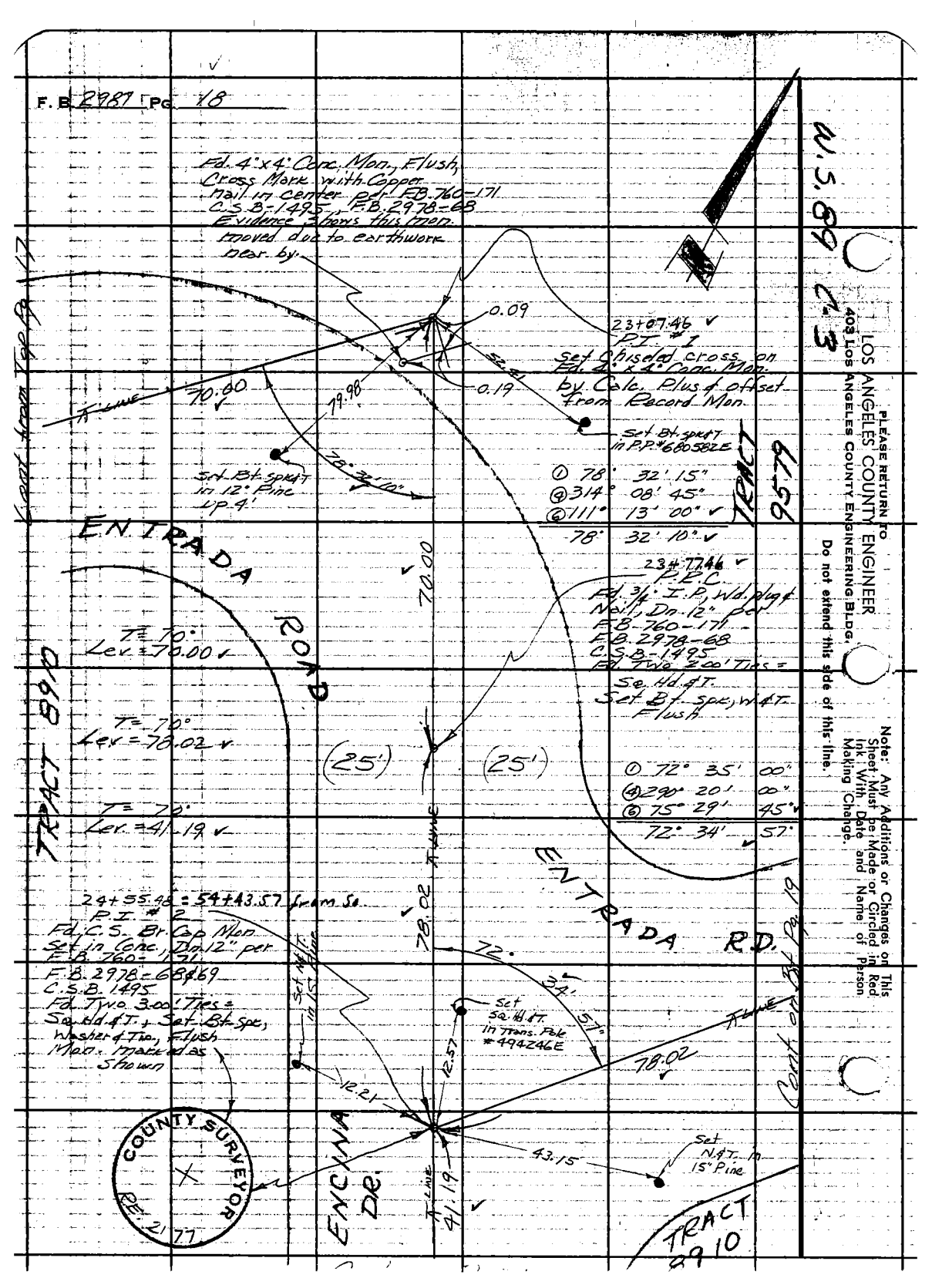

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Map No.	JN 0303.00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R. C. Bowers	
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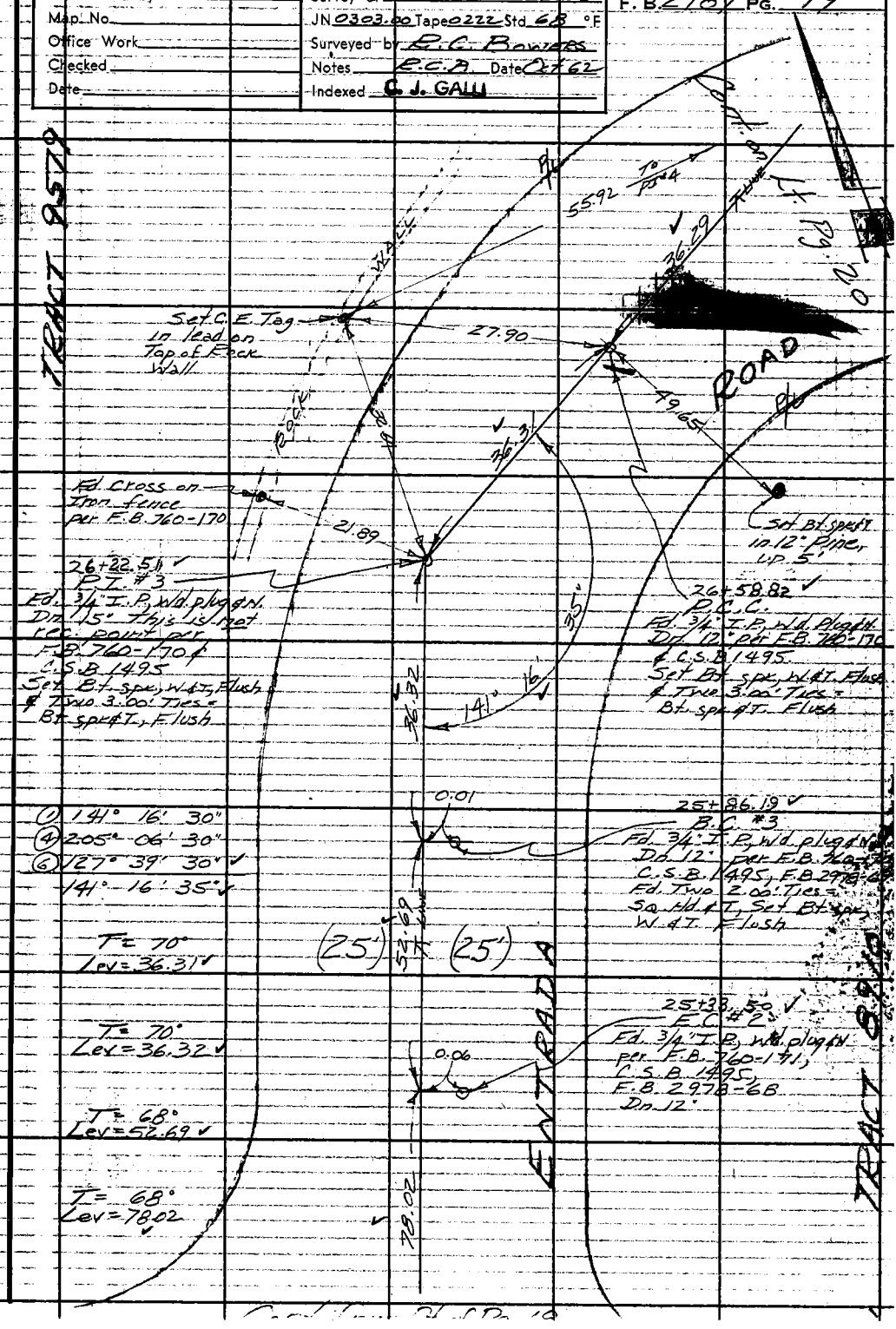
Date	Indexed C. J. GALLI	



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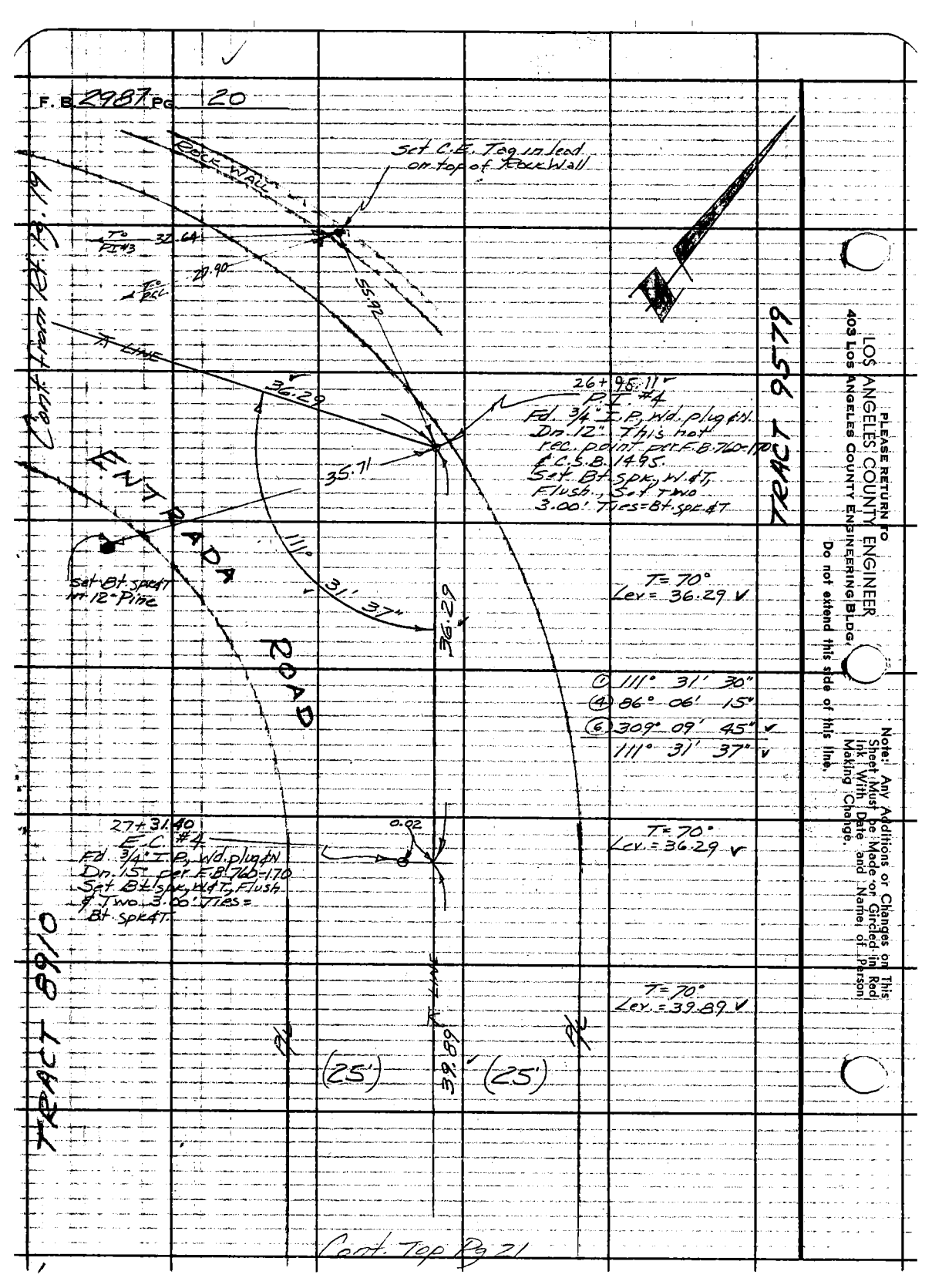
F. B. 2987 PG. 20



Cont. Top Pg 21

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Checked	Notes R.C.B. Date 10/62	
Date	Indexed C. J. GALLI	

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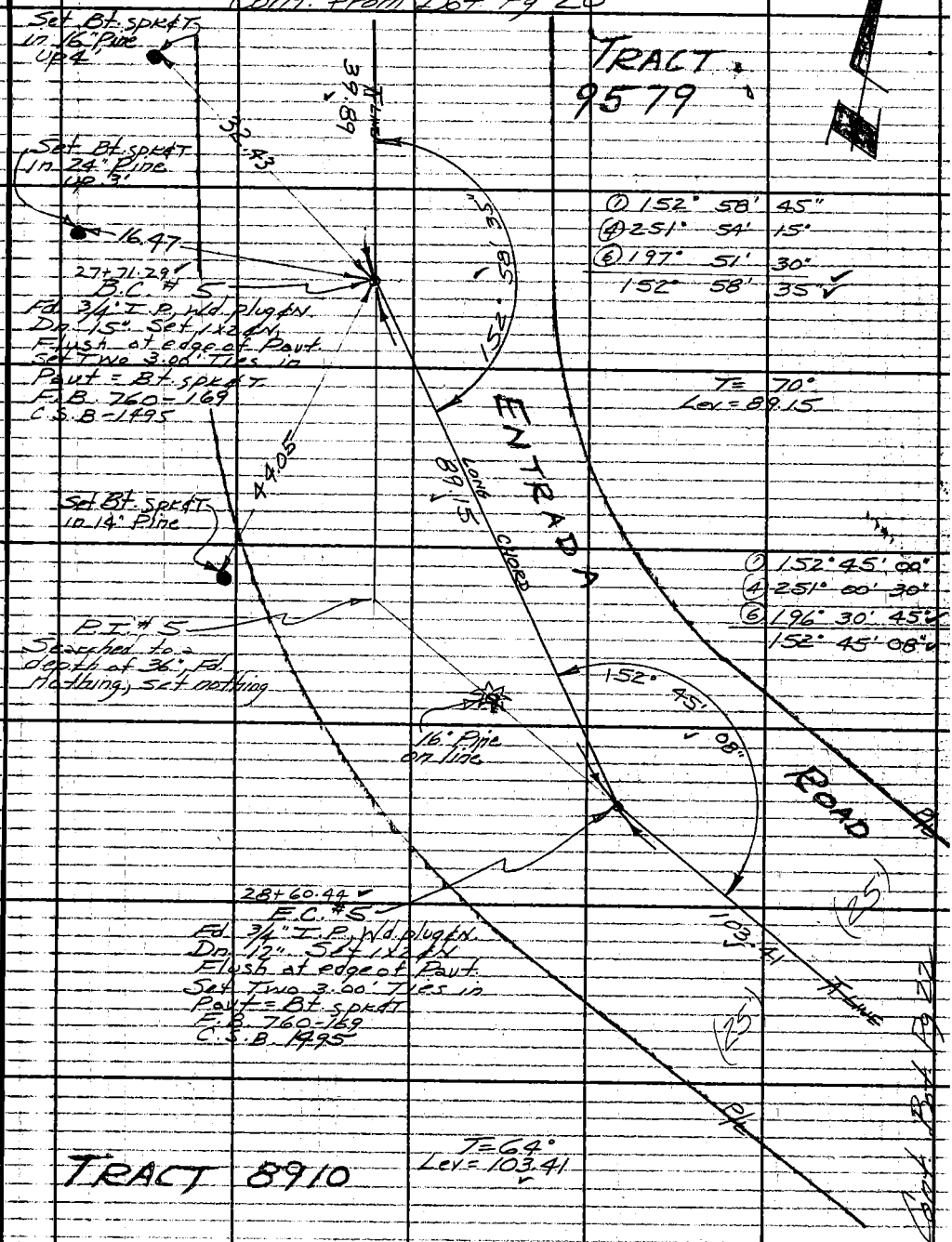

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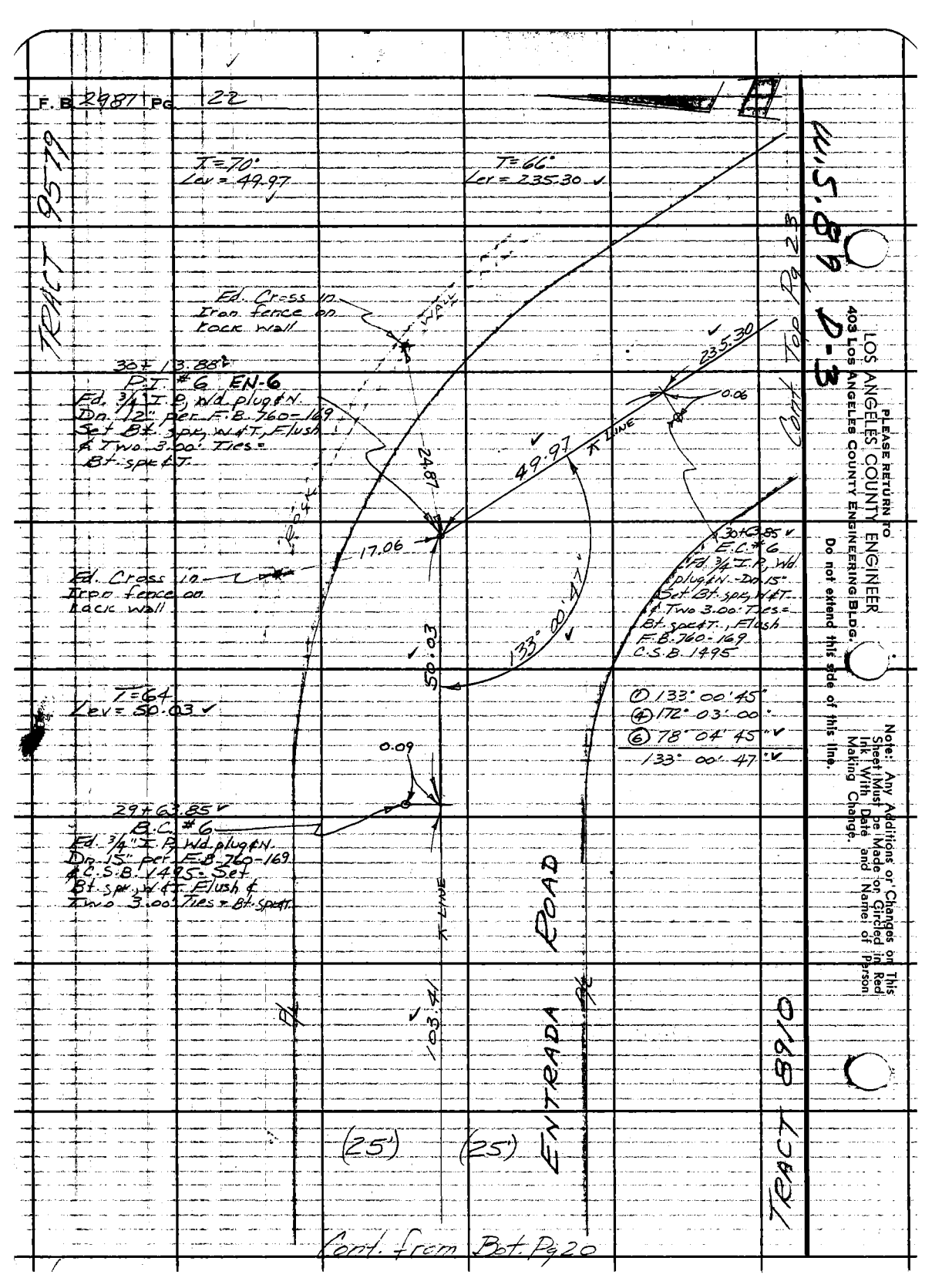
F. B. 2987 PG. 22



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Date

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JN 0303 oo Tape 0222 Std 68 °F
Surveyed by R.C. BOWERS
Notes R.C.B. Date 10/62
Indexed C. J. GALLI

F. B. 2987 Pg. 23

Cont from Rt. Pg. 22

TRACT 8910

T=70°
Lev = 50.02 ✓

①	94°	34'	15"
④	18°	16'	30"
⑥	207°	25'	15" ✓
	94°	34'	12" ✓

ENTRADA RD

℄ LINE

23+51.30 ✓

(25') (25')

TRACT 9579

32+99.15 ✓
B.C. #7
Fd 3/4" I.P. Wd. plug & N.
Dp. 14" Set Bt. spk. W.&T.
& Two 3.00' Ties = Bt. spk. & T.
Flush
E.B. 760-168
C.S.B. 1495

0.08

T=62°
Lev = 50.02 ✓

T=70°
Lev = 56.08 ✓

50.02 ✓

94° 34' 12" ✓

Cont. Top Pg. 24

℄ LINE
56.08 ✓

50.02 ✓

9.74

6.74

Set C.E. Tag in lead on rock wall

0.01

33+99.17 ✓
P.I. #7
Fd 3/4" I.P. Wd. plug & N.
Dp. 12", Set 1/2" & N.
Flush. E.B. 760-168
C.S.B. 1495

33+99.19 ✓
E.C. #7
Fd. 3/4" I.P. Wd. plug & N.
Dp. 14" Set Bt. spk. W.&T.
& Two 3.00' Ties = Bt. spk. & T.
Flush. E.B. 760-168
C.S.B. 1495

Set C.E. Tag in lead on rock wall

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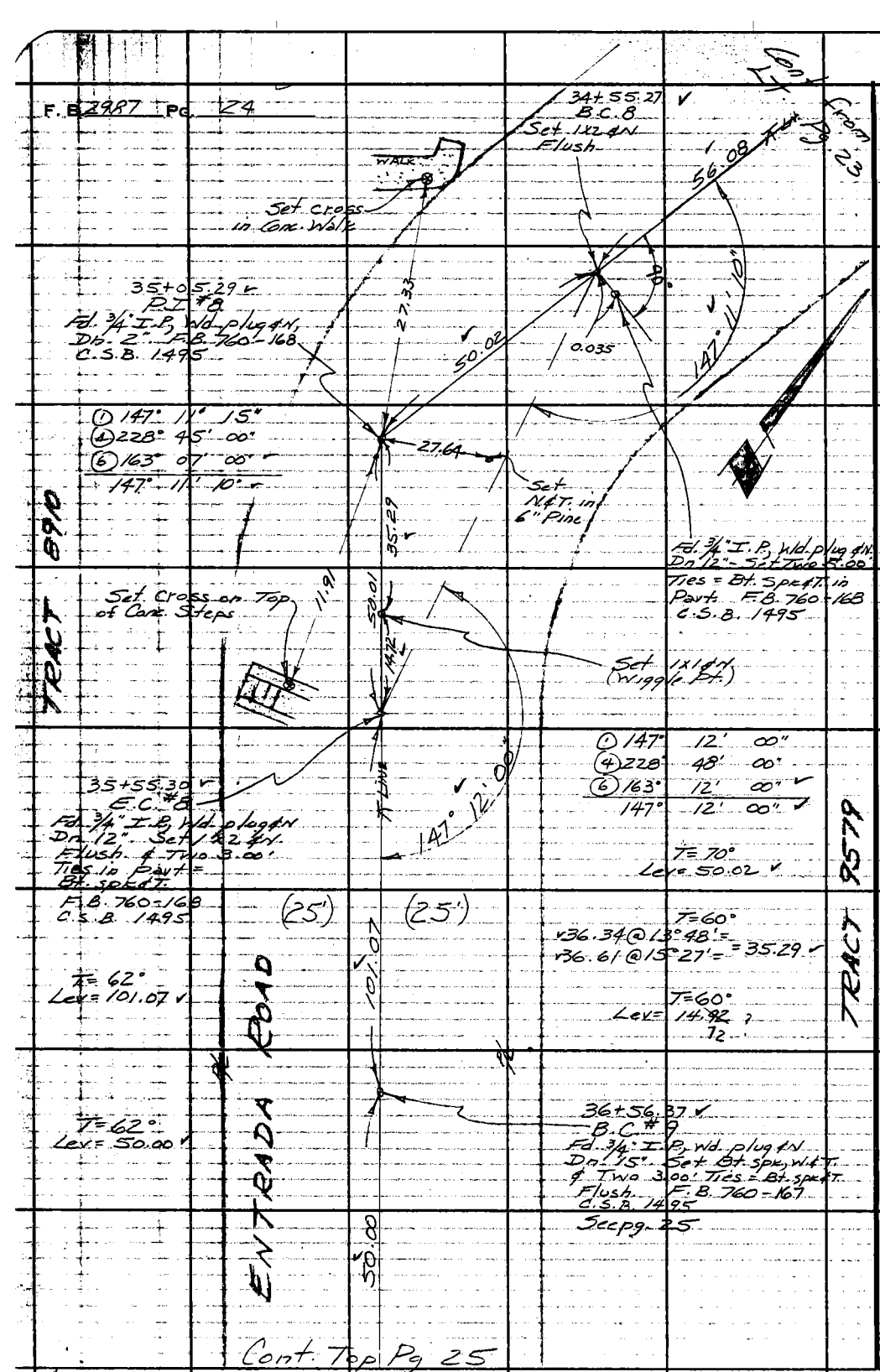

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U.S. 89 D-3

TRACT 6910

Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 25
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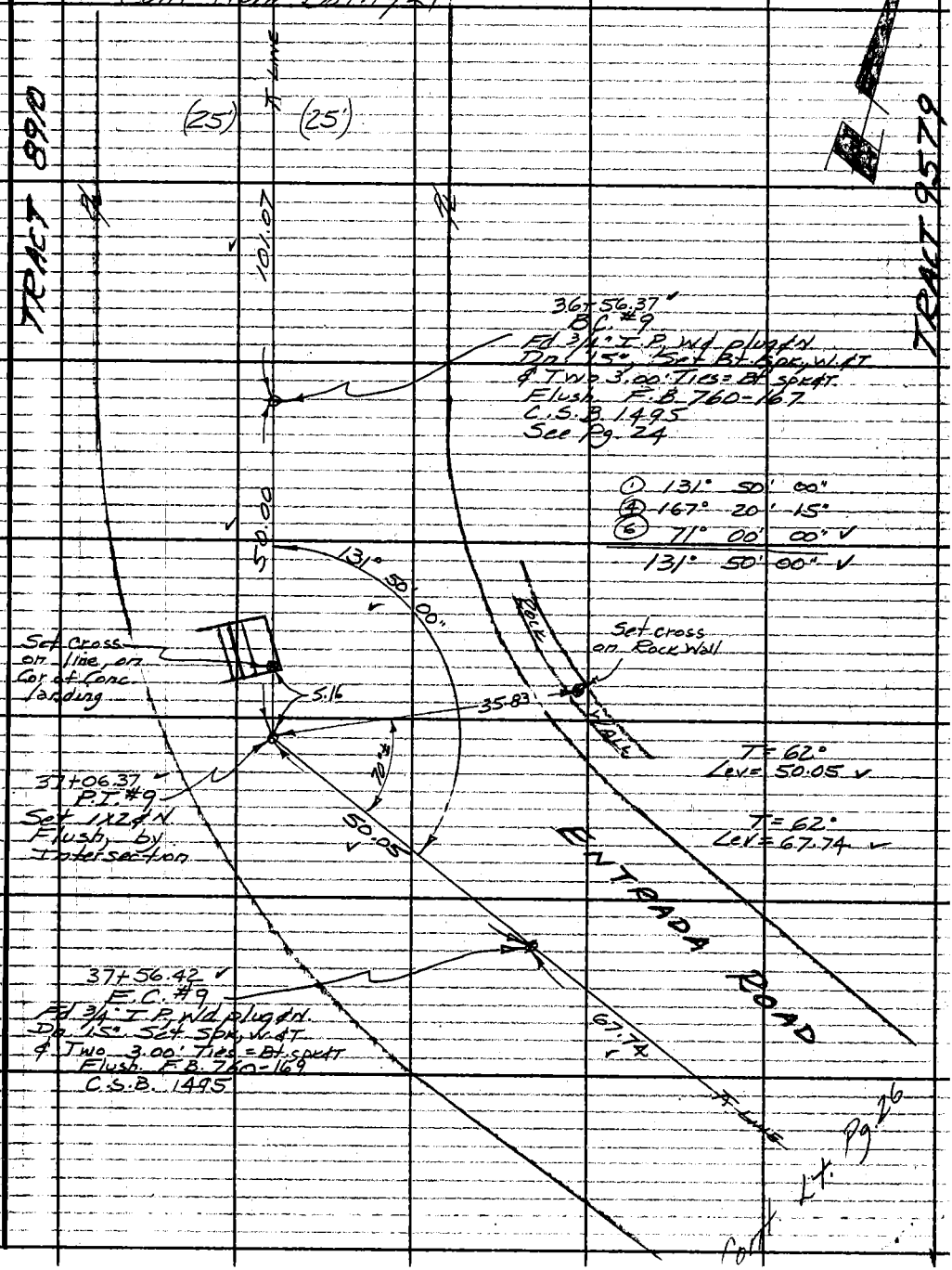
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 10/62	
Date	Indexed E. J. GAILL	

Cont from Bot. Pg 24



Cont Lt. Pg 26

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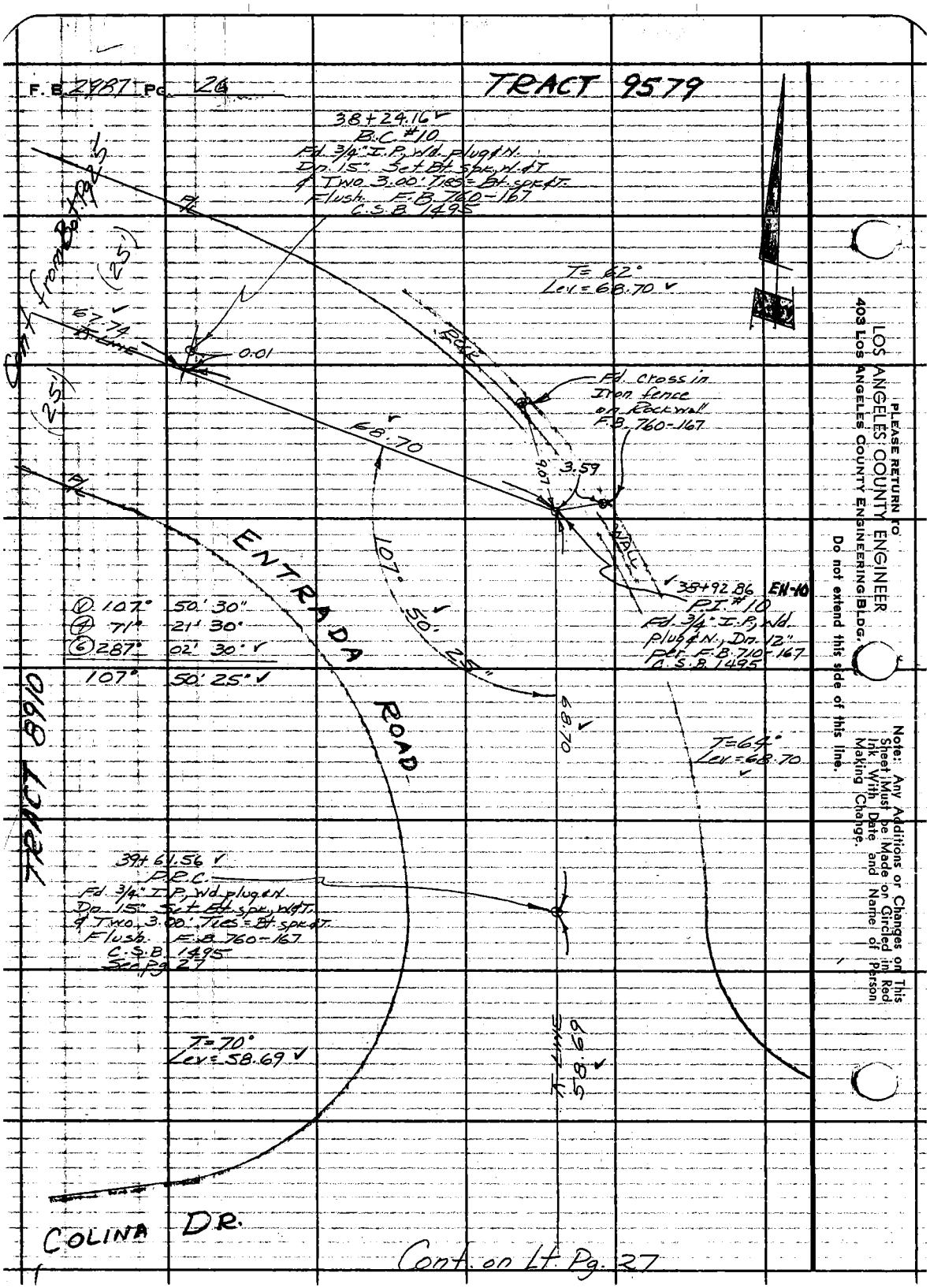
F.B. 2987 Pg. 26
TRACT 9579
38+24.16
B.C. #10
Fd. 3/4" I.P., Wd. plug & N.
Dn. 15" Set Bt. spk. W. & T.
& Two 3.00' Ties = Bt. spk. & T.
Flush. F.B. 760-167
C.S.B. 1495
Cont. from Bot. Pg. 25
(25')
67.74
T. Line
0.01
T = 62°
Lev. = 68.70
ROCK
Fd. Cross in Iron fence on Rockwall F.B. 760-167
68.70
9.07
3.59
WALL
ENTRADA ROAD
107° 50' 25"
38+92.86 EN-10
P.I. #10
Fd. 3/4" I.P., Wd. plug & N., Dn. 12" per F.B. 710-167
C.S.B. 1495
① 107° 50' 30"
④ 71° 21' 30"
⑥ 287° 02' 30"
107° 50' 25"
68.70
T = 64°
Lev. = 68.70
TRACT 8910
39+61.56
P.R.C.
Fd. 3/4" I.P., Wd. plug & N.
Dn. 15" Set Bt. spk. W. & T.
& Two 3.00' Ties = Bt. spk. & T.
Flush. F.B. 760-167
C.S.B. 1495
See Pg. 27
T = 70°
Lev. = 58.69
T. Line
58.69
COLINA DR.
Cont. on Lt. Pg. 27
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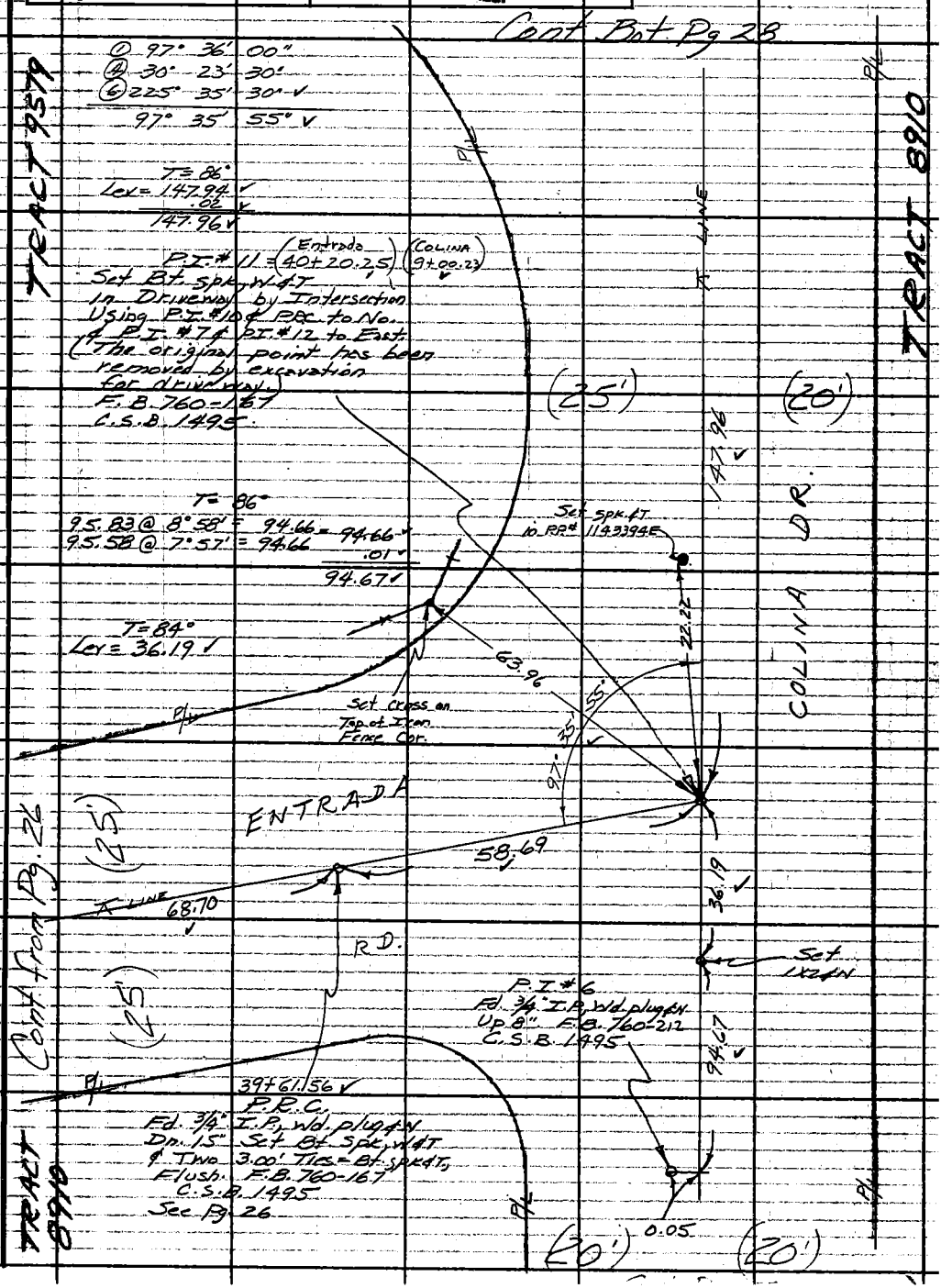
Map. No.	JN 0303.00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 10/62	
Date	Indexed C. J. GALLI	

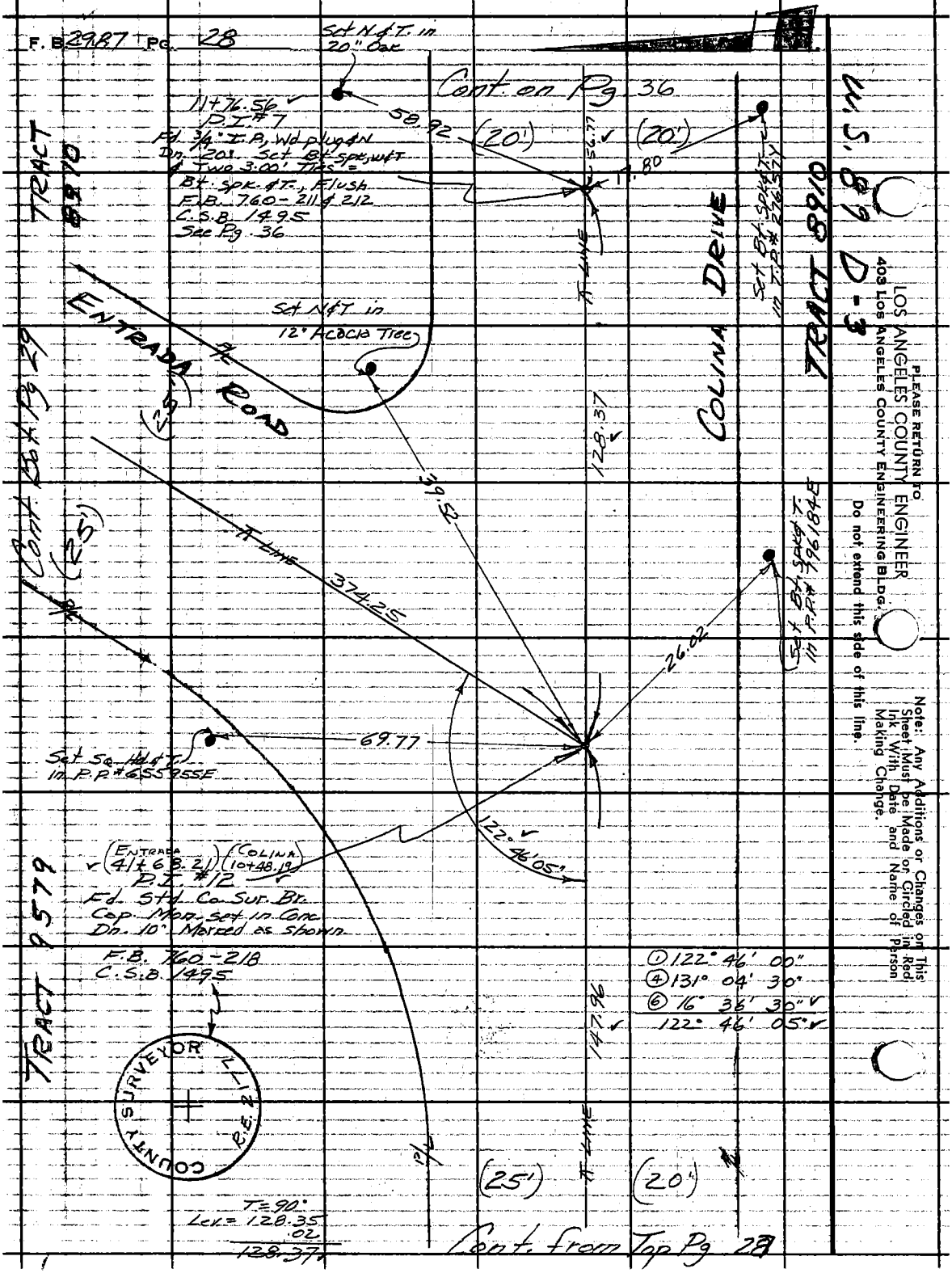


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

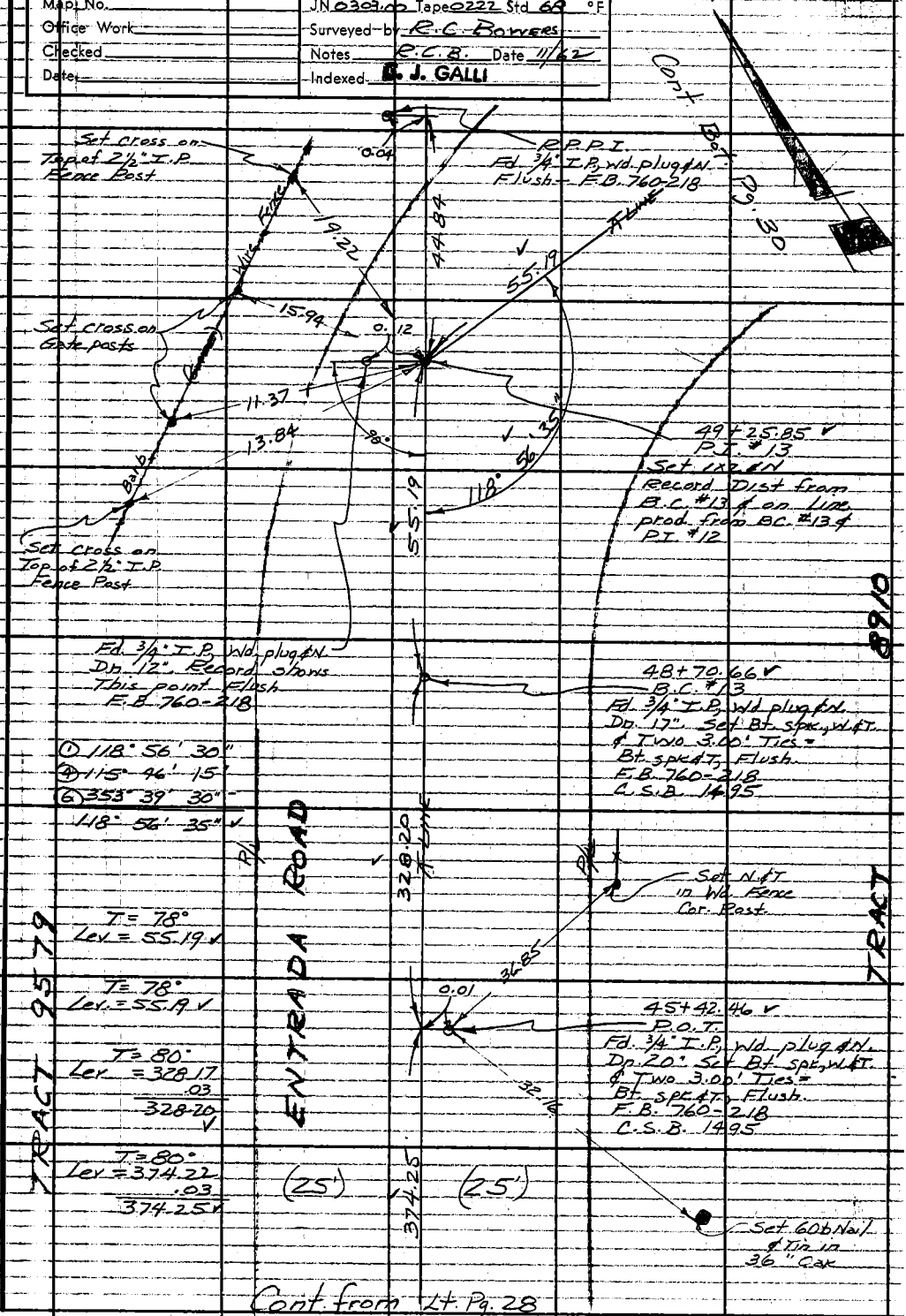
76F3095 CE # 310 3-61



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of ENTRADA ROAD	F.B. 2987 PG. 29
Map No.	JN 0303.00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed E. J. GALLI	



Cont. from Lt. Pg. 28

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

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

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76F3098 CE # 310 8-61

W.S. 89 D-3

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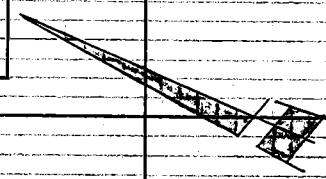
Note: Any Additions or Changes on This Sheet Must be Made on Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 31
Map No.	JN 0303.00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed C. J. GALLI	



Cont. on Bot. Pg. 32

TRACT 9579

TRACT 8910

(25') (25')

P/L

T LINE

175.89

ENTRADA ROAD

T = 86°
Lev = 175.87
.02 ✓
175.89 ✓

52+54.12 ✓
E.C. #15
Fd. 3/4" I.P., wd. plug & N.
Dn. 36". Set Bt. spk. N&T &
Two 3.00' Ties = Bt. spk. & T.
Flush. F.B. 760-217
C.S.B. 1495

0.04

Set P.M. & Cross
on top of 2 1/2" I.P.
Fence Post

81.36

T = 86°
Lev = 81.35
.01
81.36 ✓

51+72.76 ✓
P.I. #15
Fd. 3/4" I.P., wd. plug & N.
Dn. 12". Set Two 10' Ties =
Bt. spk. & T. in Part
F.B. 760-217
C.S.B. 1495

50.01

Set P.M.
on top of
"T" Shape
Iron Fence
Post

7.05

43' 15"

151°

29.01

81.35

①	151°	43' 15"
④	246°	53' 15"
⑥	190°	19' 30" ✓
	151°	43' 15" ✓

Set SQ. Hd & T. in
T.P. - No Number

T LINE

Cont. from Top Pg. 30

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
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PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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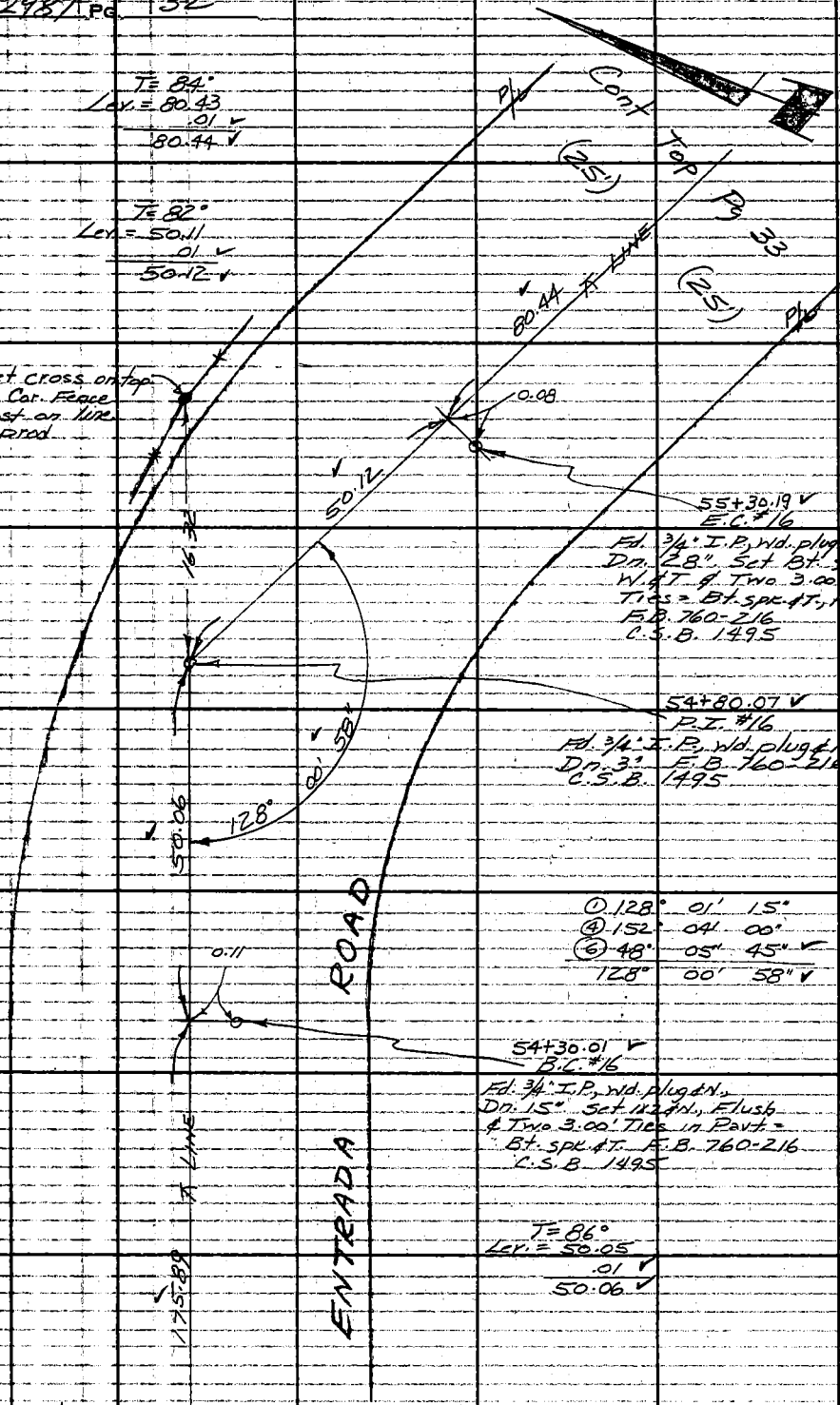
76F309S CE # 310 8-61

F.B. 2987 PG. 32



Cont from Top Pg 31

W, S, 84 D-3

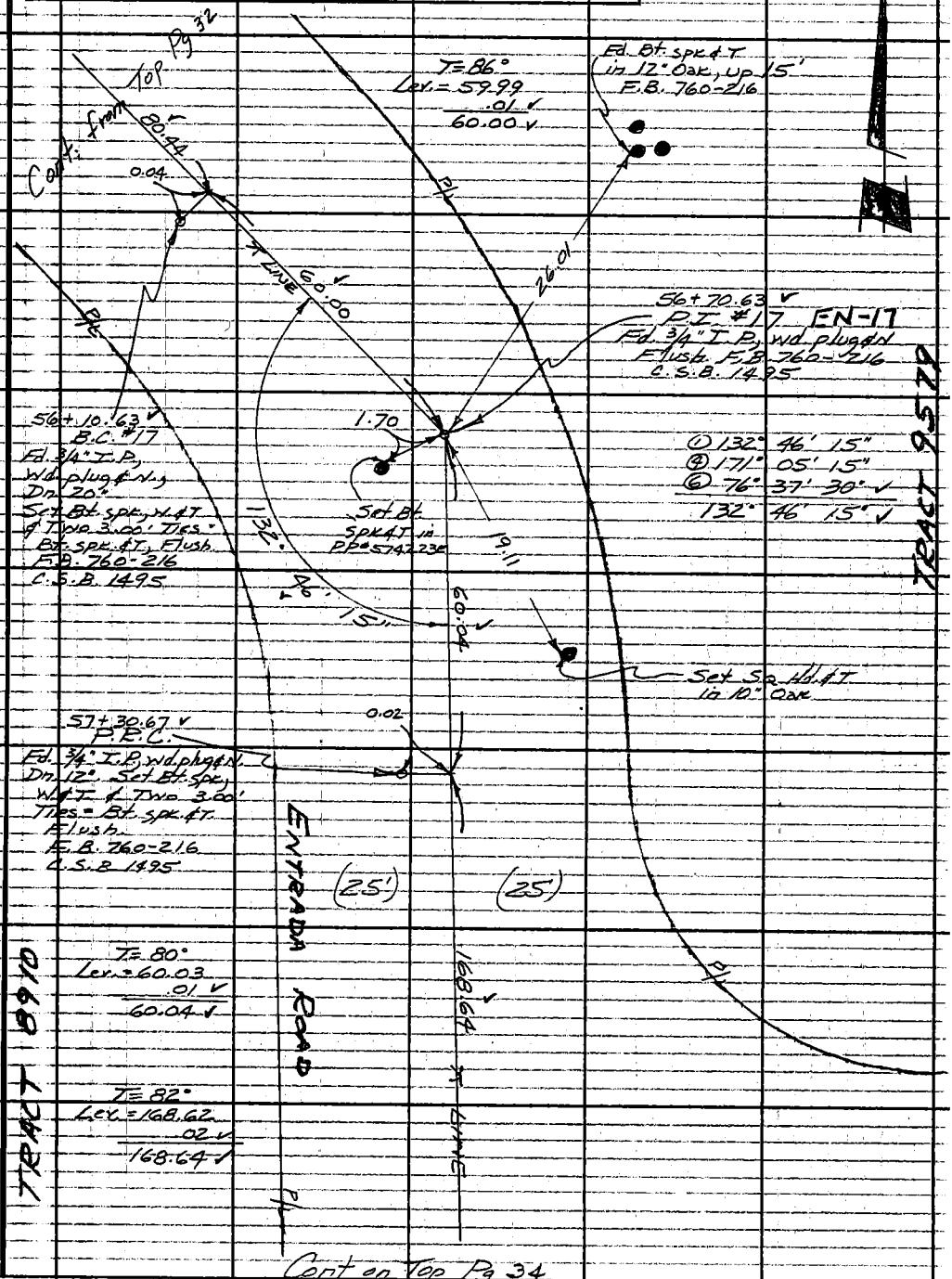
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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 ENTRADA ROAD	F. B 2987 PG. 33
Map No.	JN 0303.00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed [illegible]	



Cont on Top Pg 34

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.
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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F3095 CE # 310 3-61

F.B. 2987 PG. 34

Cont from Pg. 33

TRACT 9579

E.C. #18
Fd. 3/4" I.P. Wd. plug dN.
Flush. F.B. 760-226
C.S.B. 1495
(Ties to Trees per F.B. 760-226 Checked record)

Set Bt-spk PT in P.P. (No Number)

ENTRADA ROAD

T LINE

68.64

43.04

Conc. Drive

34.73

0:04

26° 50' 08"

43.98

56.02

B.C. # 18 = 58+99.31
Fd. 3/4" I.P. Wd. plug dN.
Flush. F.B. 760-215
C.S.B. 1495

59+43.29
P.I. # 18

Fd. 3/4" I.P. Wd. plug dN.
Dn. 3" in pavt. 32'
Sq. Hd. & Tk. Flush &
Two 3.00' Ties =
Bt. spk. dT.
F.B. 760-215
C.S.B. 1495

59+87.35
E.C. # 18
Set 1" I.P. Conc. Plug &
C.E. Tag In 12" by
Proportion. Set Bt. spk.
W. & T. Flush & Two 3.00'
Ties = Bt. spk. dT.
F.B. 760-215
C.S.B. 1495

124°

37'

15"

151° 27' 32"

44.06

62.29

(25')

(25')

P.T.

P.C.

T = 84°
85.39 @ 6°19' = 84.87 ✓
65.31 @ 5°49' = 64.97 ✓
61.67 @ Lev. = 61.67 ✓
2.11 .51 ✓
.02 ✓
2.11 .53 ✓

① 26° 50' 15"
④ 107° 20' 30"
⑥ 16° 00' 45" ✓
26° 50' 08" ✓

① 124° 37' 15"
④ 138° 29' 15"
⑥ 27° 43' 30" ✓
124° 37' 15" ✓

① 151° 28' 00"
④ 245° 50' 30"
⑥ 188° 45' 15" ✓
151° 27' 32" ✓

T = 82°
Lev. = 43.98 ✓

T = 82°
Lev. = 44.06 ✓

T = 82°
Lev. = 62.29
.01
62.30 ✓

(20')

(20')

Pg. 35

TOP

Cont on

U.S. 89 D-3

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

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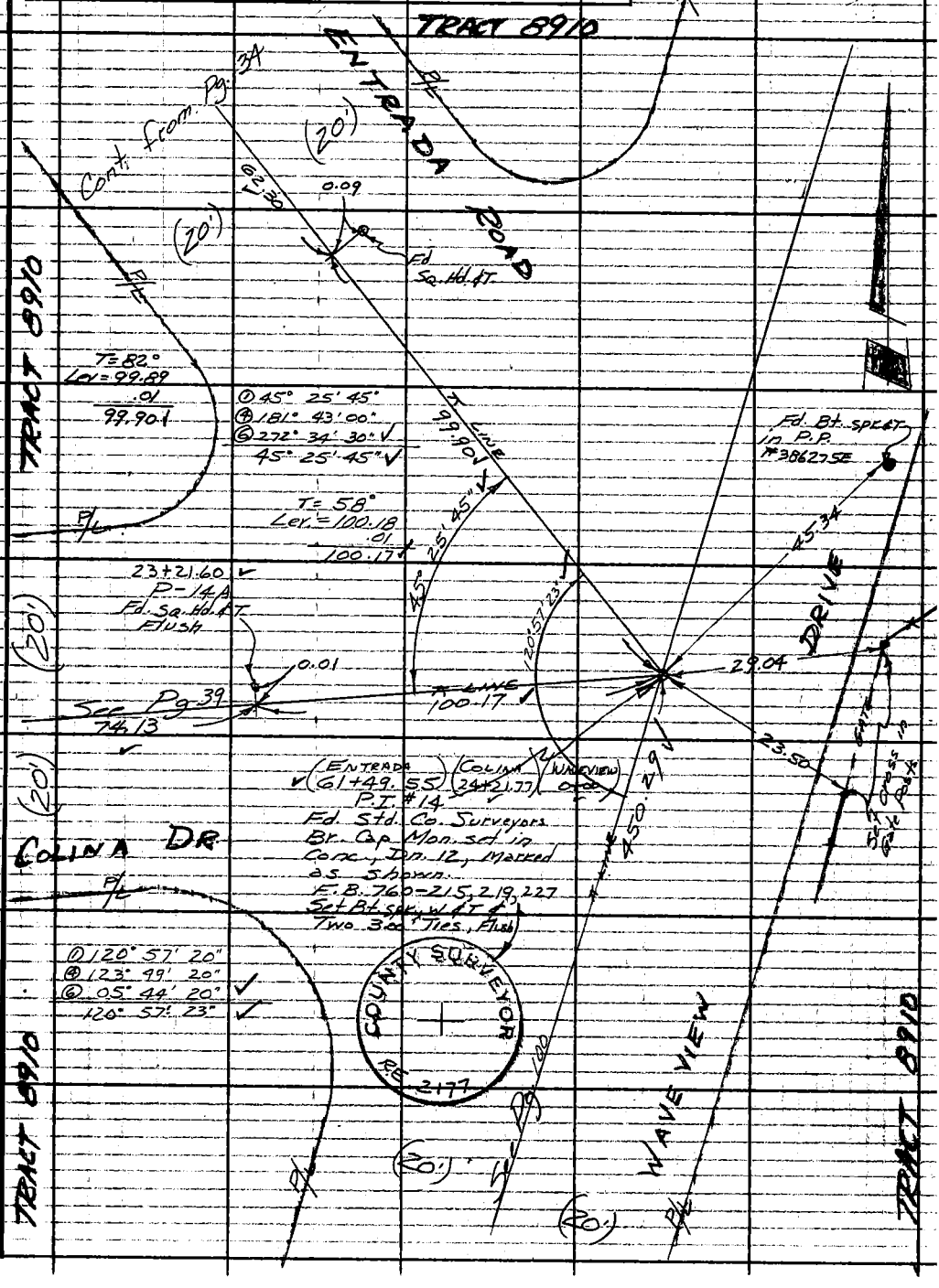
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ENTRADA ROAD	F. B 2987 PG. 35
Map No.	JN 0303-00 Tape 0222 Std 68 °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes R. C. B. Date 11/12	
Date	Indexed C. J. GALLI	



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

Do not extend this side of this line.

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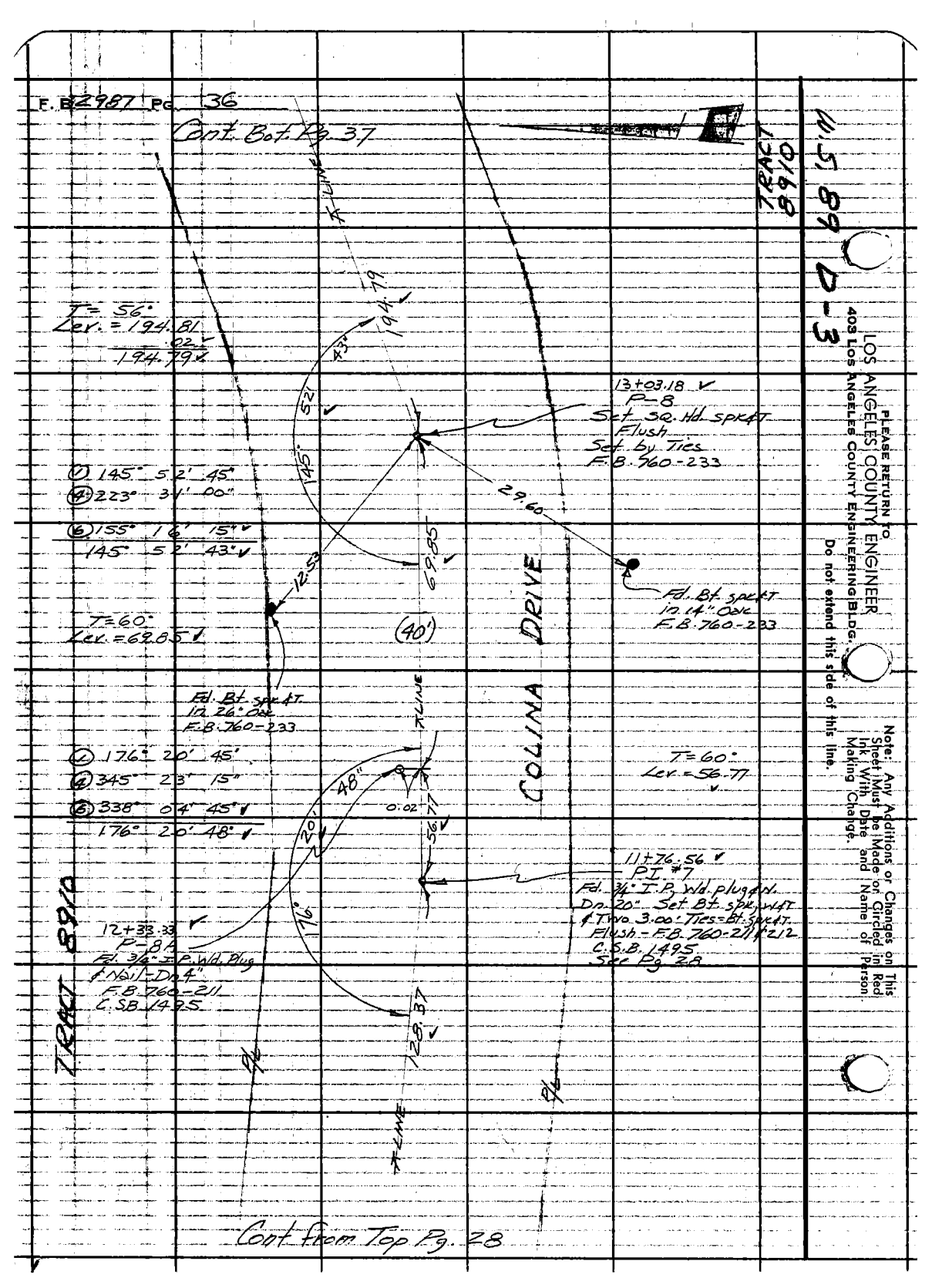
403 LOS ANGELES COUNTY ENGINEERING BLDG.

W.S. 89 D-3

76F309S CE # 310 8-61

F.B. 2987 Pg. 36

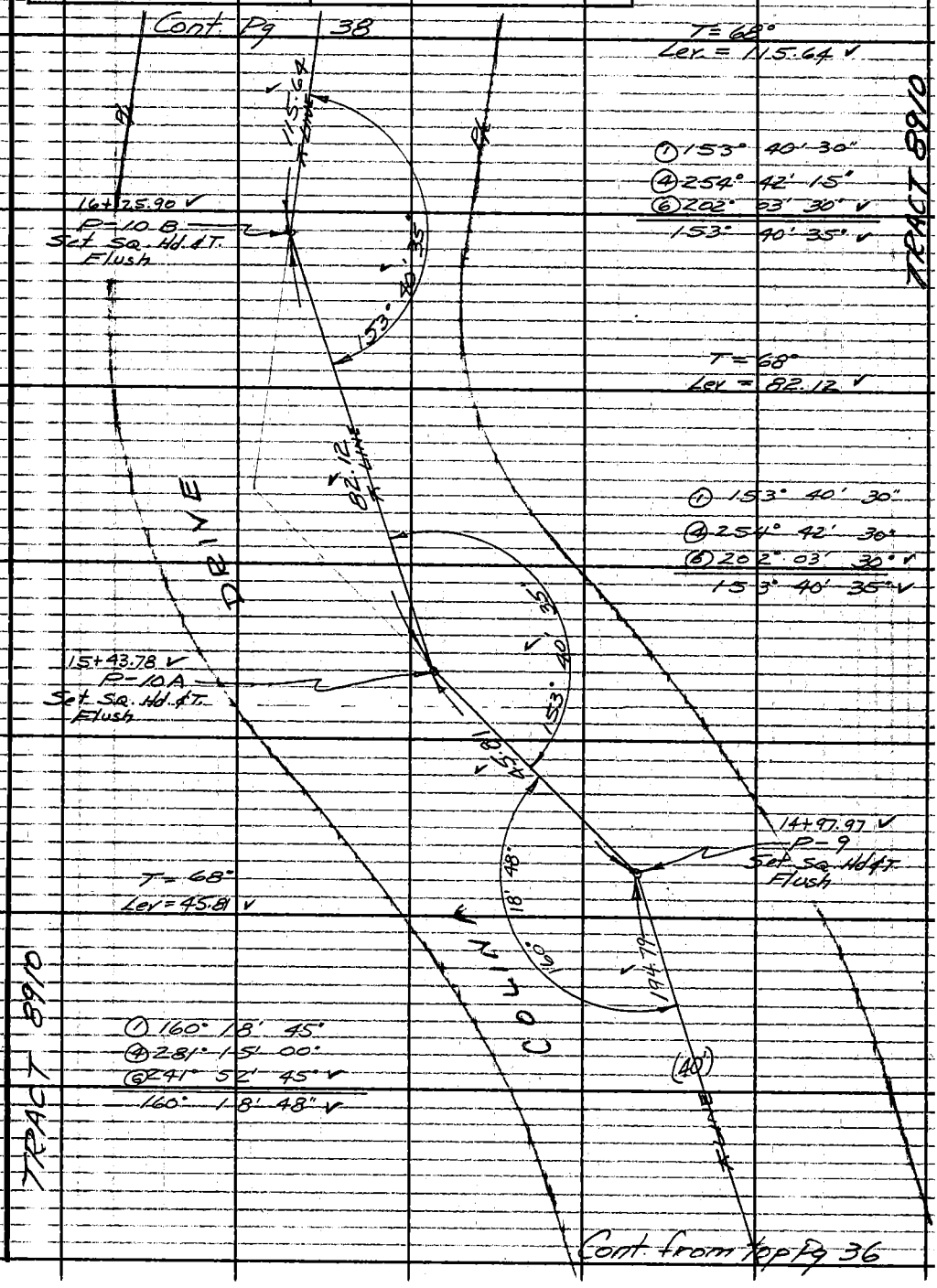
Cont. Bot. Pg. 37



Cont from Top Pg. 28

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 Colina Drive	F. B 2987 Pg. 37
Map No.	JN 221514 Tape 0222 Std 68 °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed C. J. Galli	

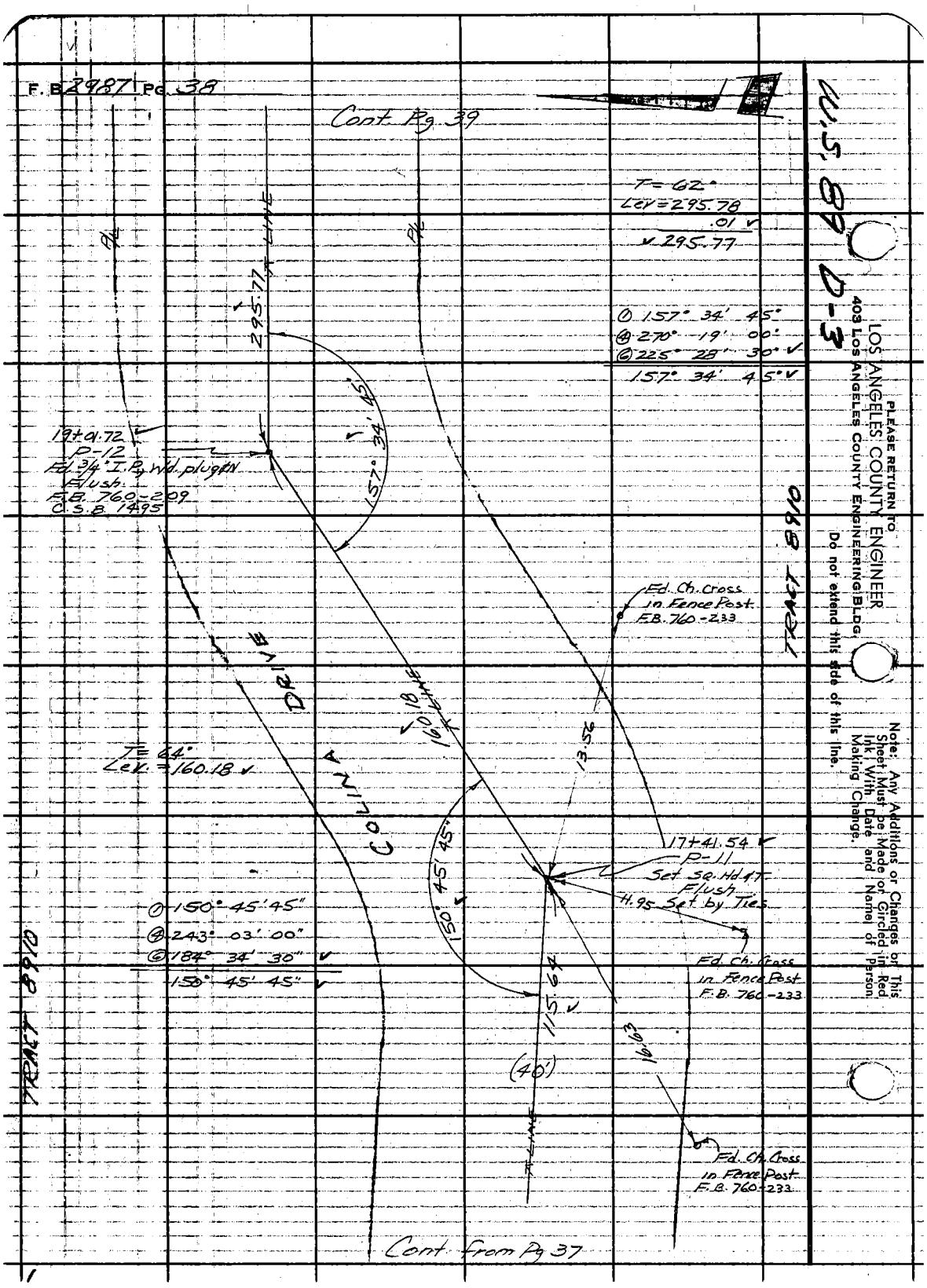


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE # 310 3-61


F.B. 2987 Pg. 38
Cont. Pg. 39
T = 62°
Lev = 295.78
.01
295.77
① 157° 34' 45"
④ 270° 19' 00"
⑥ 225° 28' 30"
157° 34' 45"
295.77
157° 34' 45"
19+01.72
P-12
Fd. 3/4" I.P. Wd. plug & N
Flush
F.B. 760-209
C.S.B. 1495
Fd. Ch. Cross
in Fence Post
F.B. 760-233
TRACT 8910
COLINA DRIVE
160.18
13.56
T = 64°
Lev. = 160.18
150° 45' 45"
17+41.54
P-11
Set Sq. Hd & T
Flush
11.95 Set by Ties
① 150° 45' 45"
④ 243° 03' 00"
⑥ 184° 34' 30"
150° 45' 45"
Fd. Ch. Cross
in Fence Post
F.B. 760-233
115.64
16.63
(40')
Fd. Ch. Cross
in Fence Post
F.B. 760-233
Cont. from Pg 37
W.S. 89 D-3
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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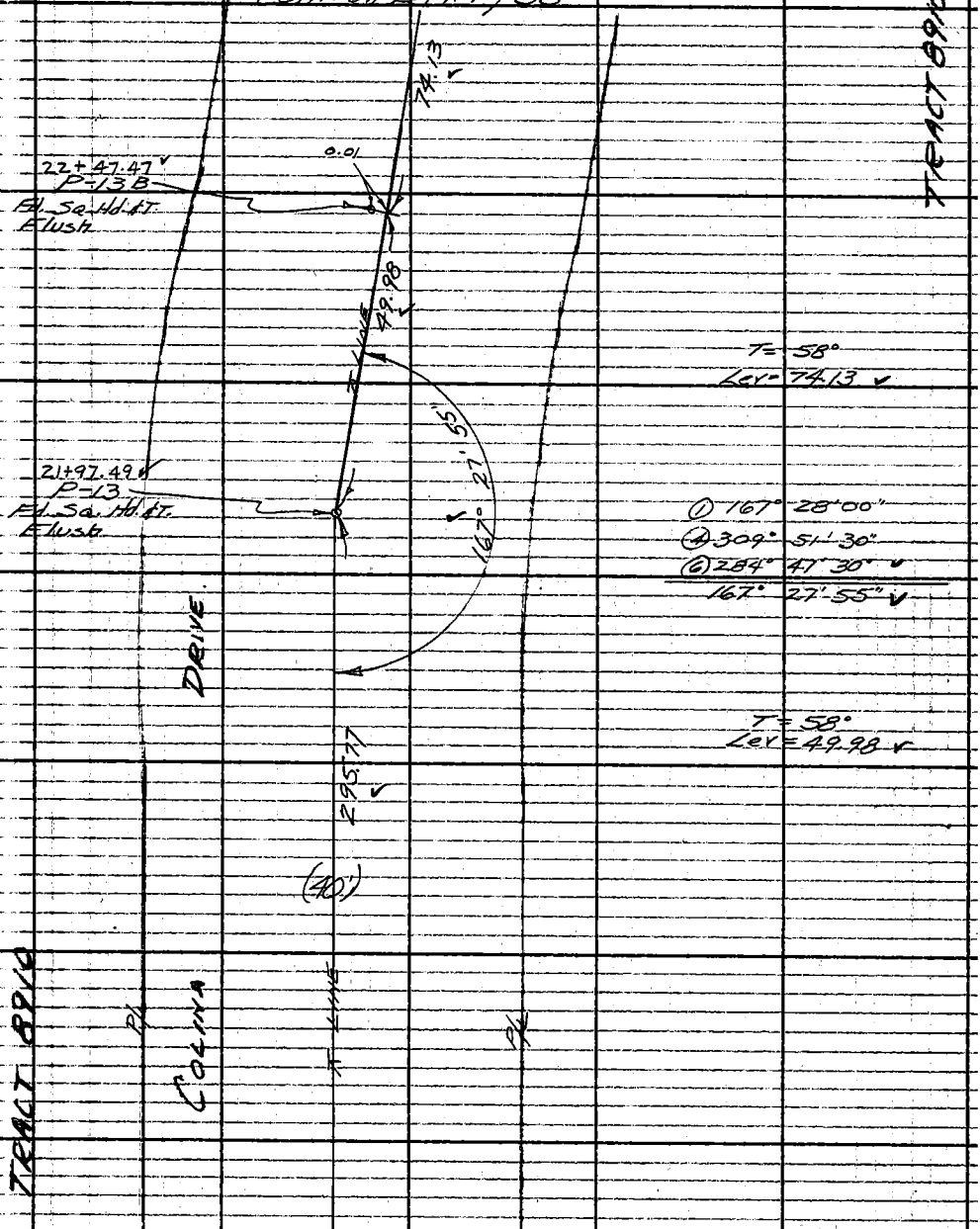
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Colina Drive	F. B. 2987 Pg. 39
Map No.	JN 221514 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed C. J. GALLI	

Cont. on Left Pg 35



Cont. from top Pg. 38

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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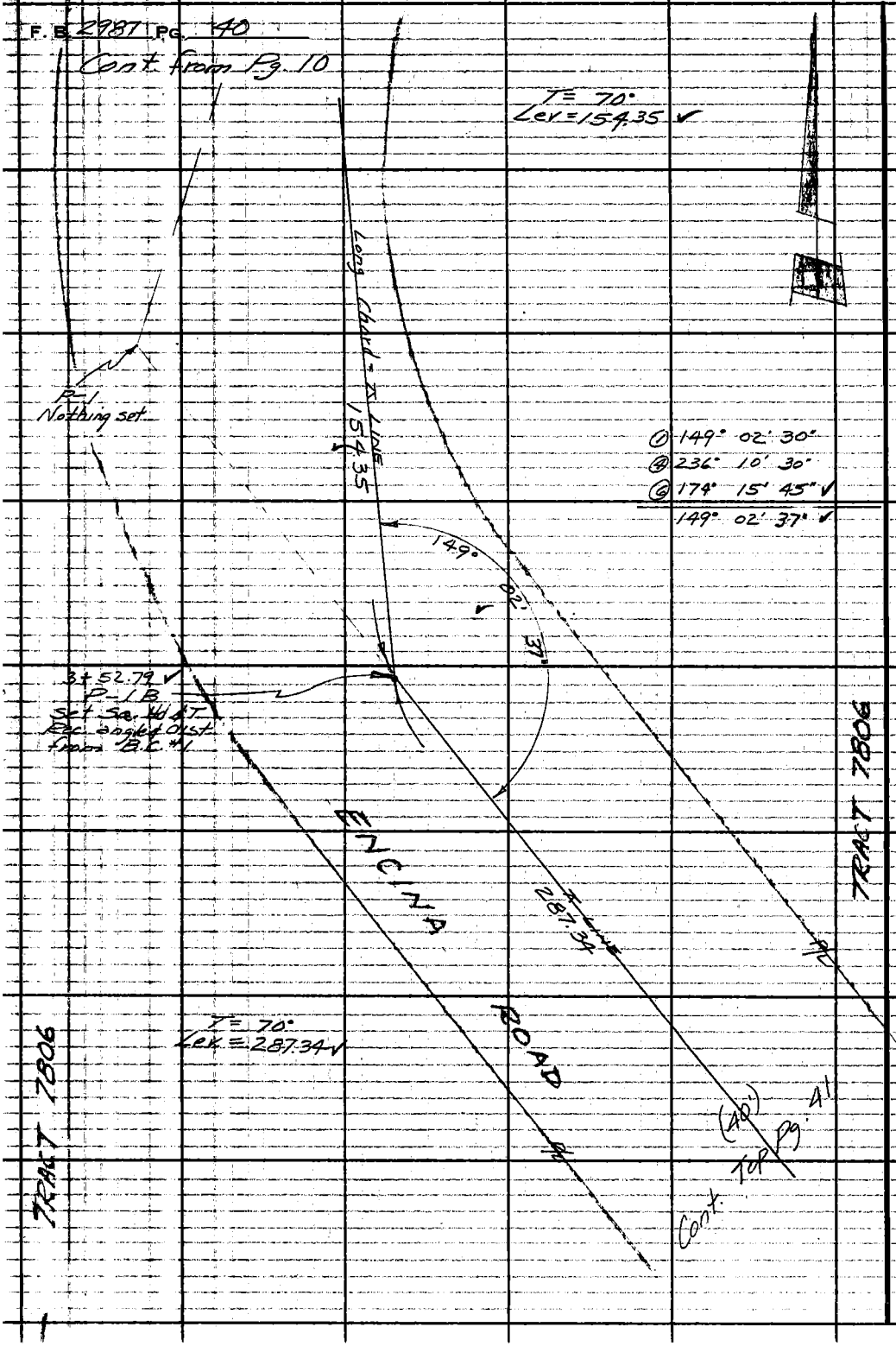
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F3095 CE # 310 3-61

F. B. 2987 PG. 40

Cont. from Pg. 10



① 149° 02' 30"
④ 236° 10' 30"
⑥ 174° 15' 45" ✓
149° 02' 37" ✓

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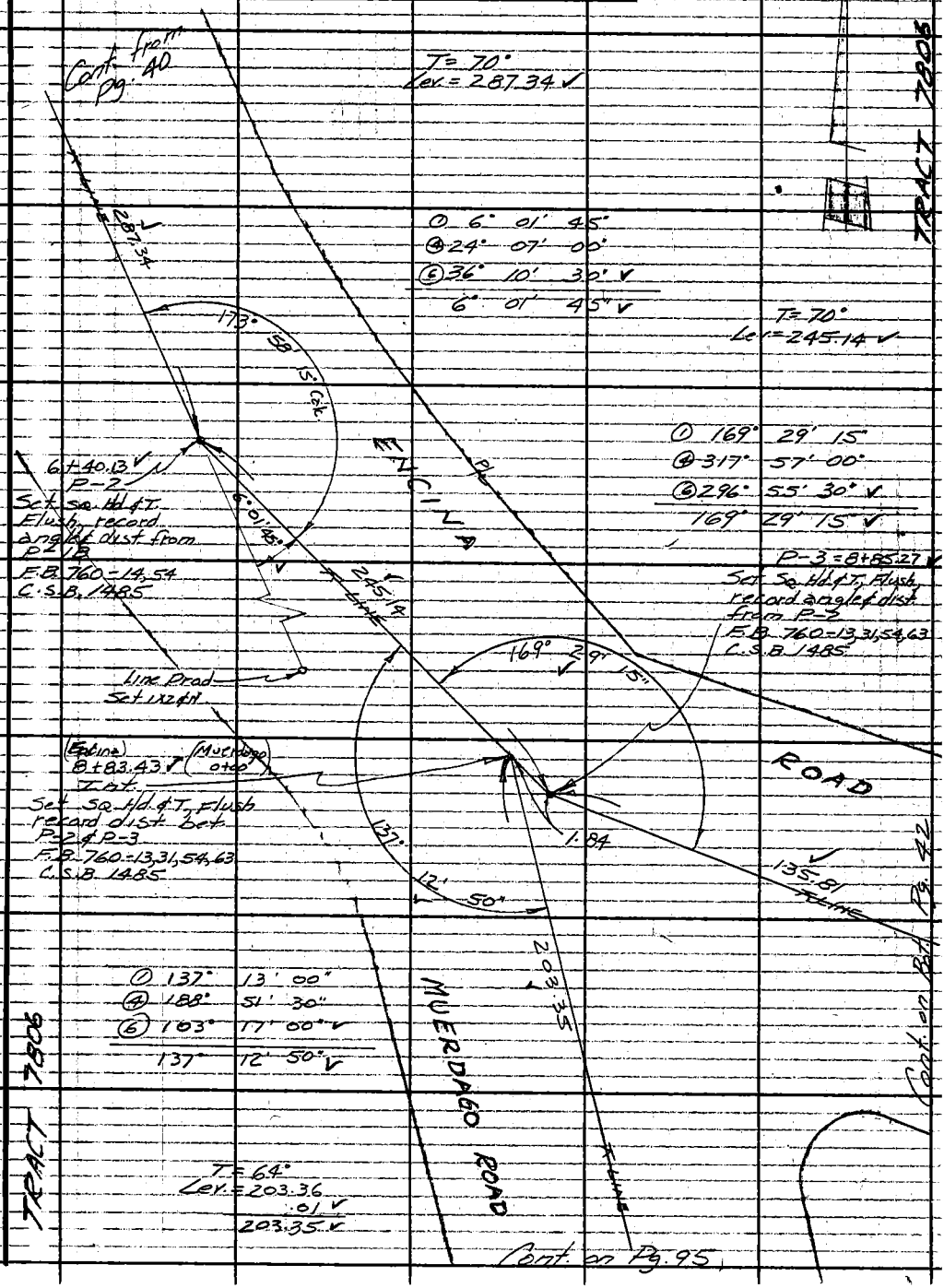
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of ENCINA ROAD	F. B. 2987 PG. 41
Map No.	JN 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed C. J. GALLI	



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

Do not extend this side of this line.

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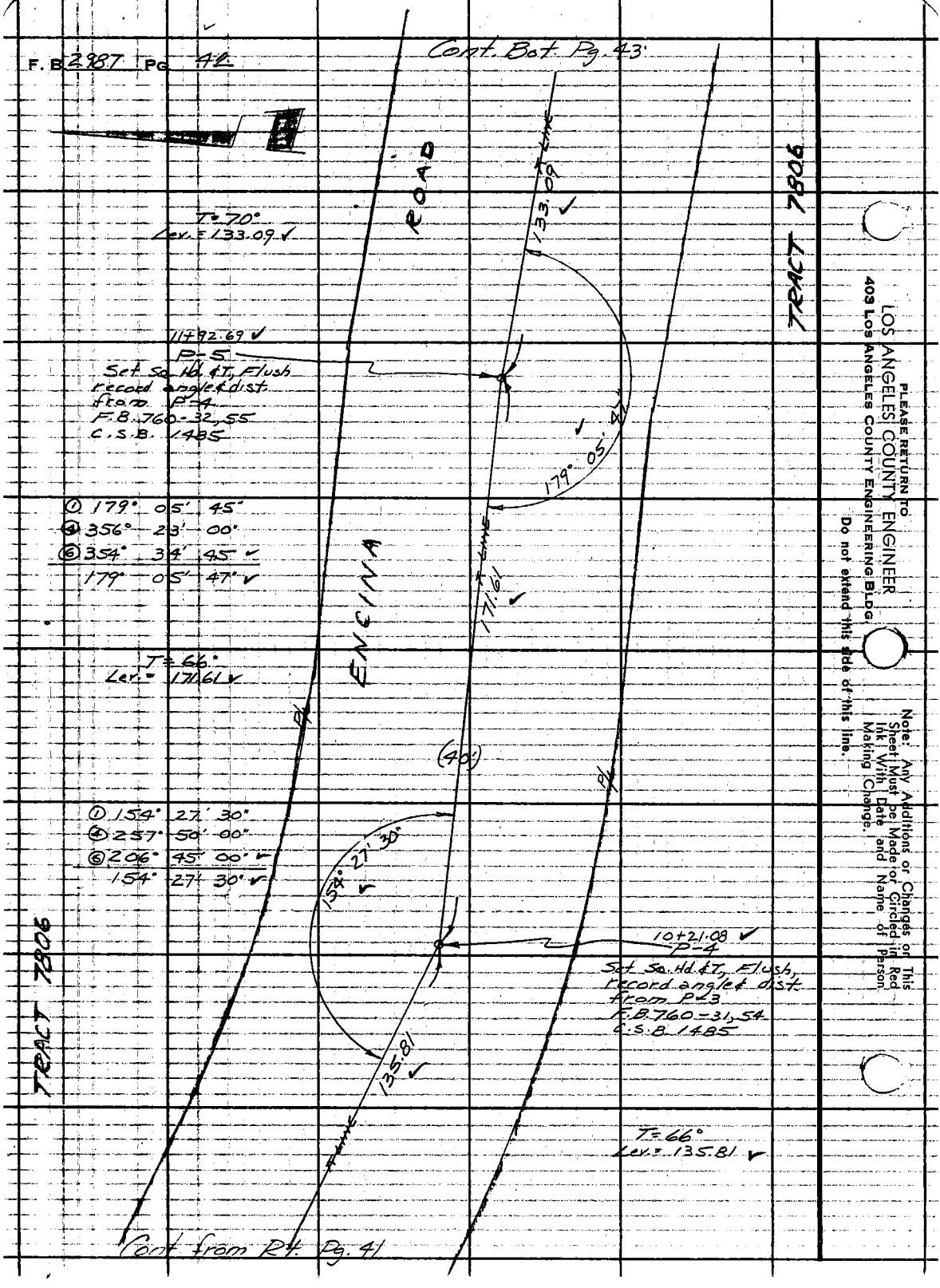
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B. 2987 PG. 42



PLEASE RETURN TO
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
Map No.
Office Work
Checked
Date

Survey of ENCINA ROAD
J.N. 2215.14 Tape 0222 Std 68 °F.
Surveyed by E.C. BOWERS
Notes E.C.B Date 11/62
Indexed G. J. GALLI

F. B. 2987 PG. 43

Cont Bot Pg 44

(40')

℄ Line 94.47 ✓

T = 70°
Lev = 94.47 ✓

① 122° 28' 15"
④ 129° 53' 15"
⑥ 14° 49' 15" ✓
122° 28' 13" ✓

122° 28' 13"

14+29.42 ✓
P-7
Set sq. Hd. & T.
Flush, record
angle & dist. from
P-6, F.B. 760-32,56
C.S.B. 1485

℄ Line 103.64 ✓

T = 70°
Lev = 103.64 ✓

ENCINA ROAD

TRACT 7205

13+25.78 ✓
P-6
Set sq. Hd. & T.
Flush, record
angle & dist.
from P-5.
F.B. 760-32,55
C.S.B. 1485

℄ Line 133.09 ✓

157° 49' 07" ✓

4' ✓

① 157° 49' 00"
④ 271° 16' 30"
⑥ 226° 54' 45" ✓
157° 49' 07" ✓

TRACT 7205

Cont. from Pg. 42

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
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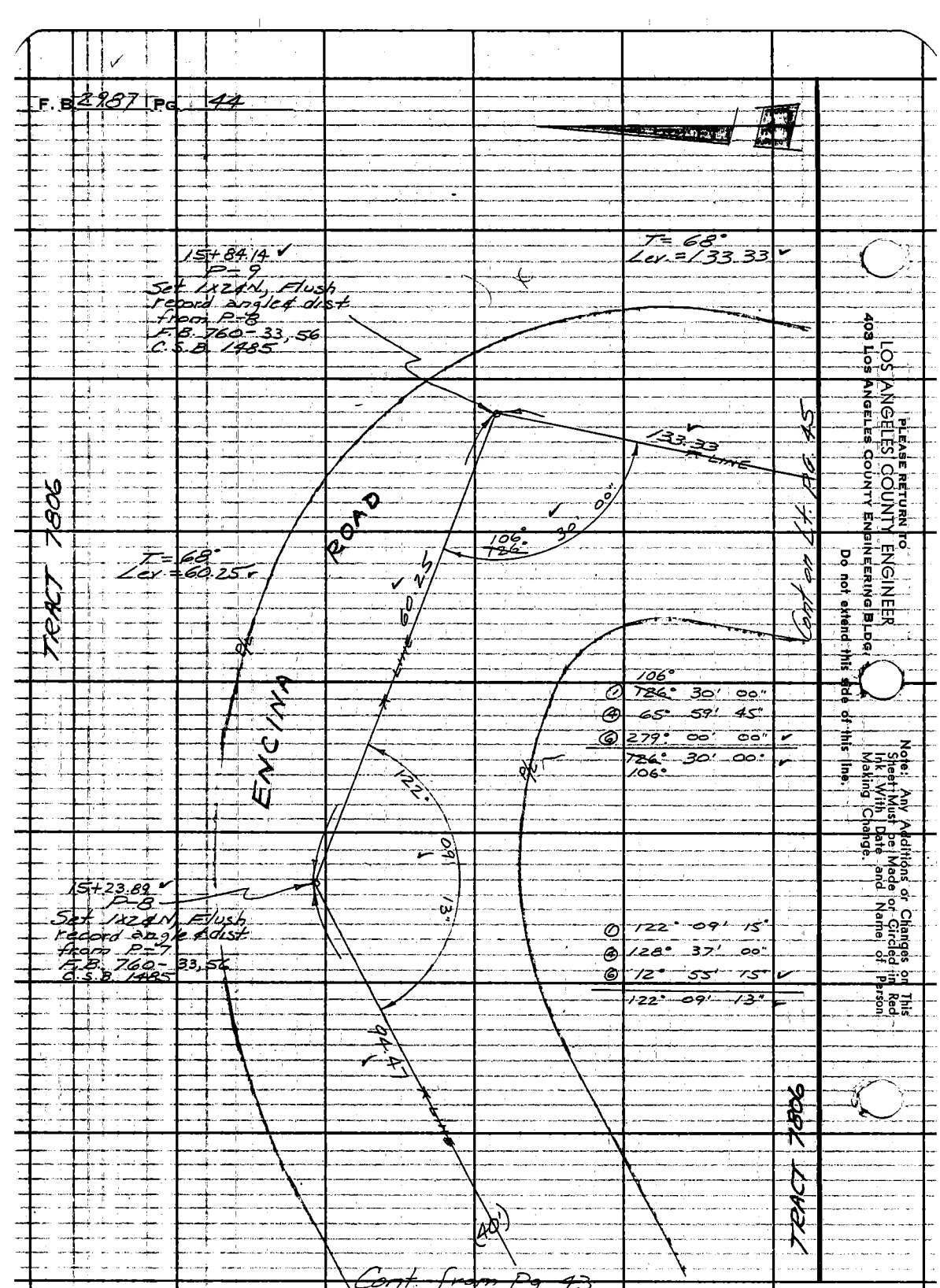
76F3095 CE # 310 3-61

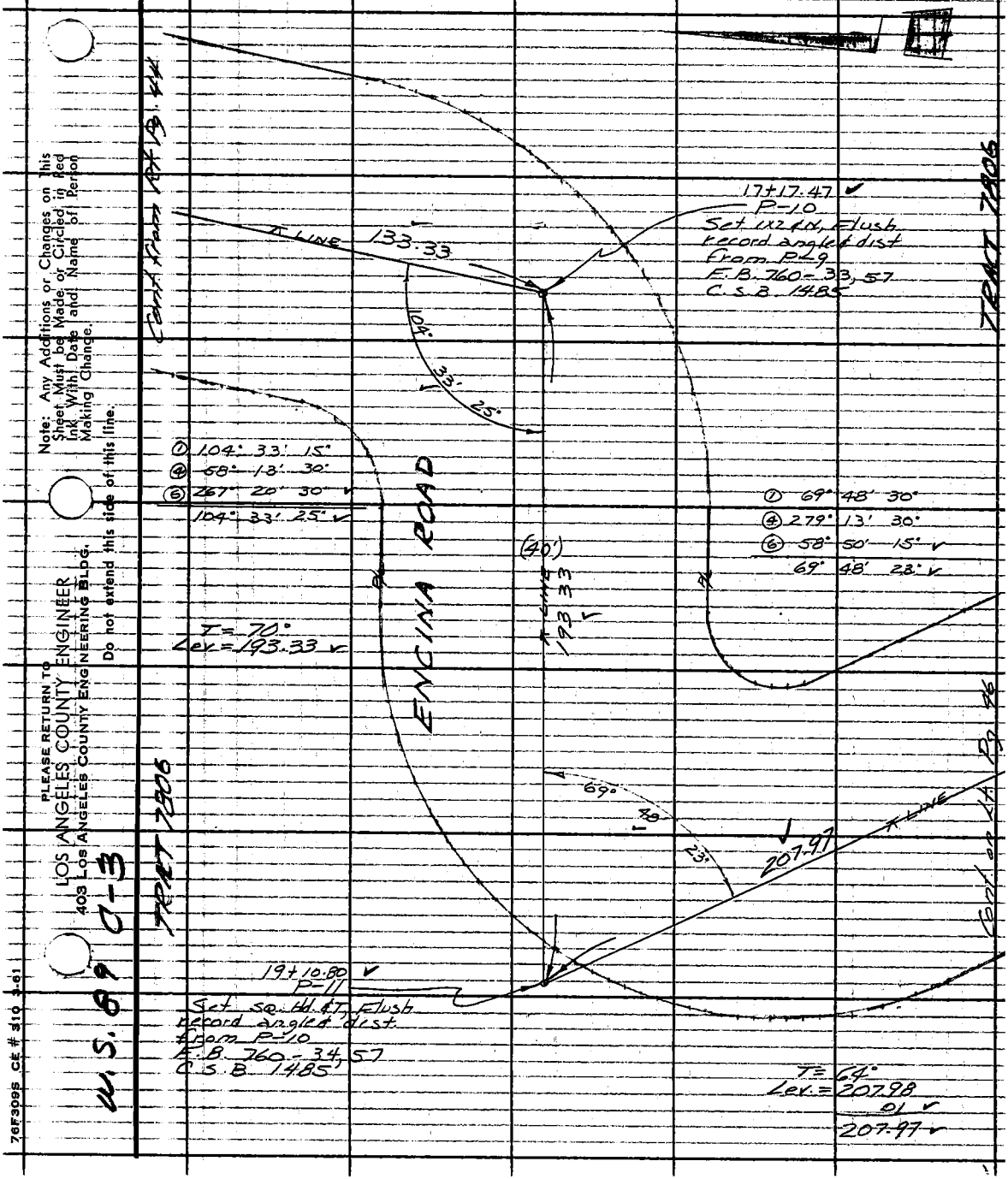
F. B. 22987 Pg. 44



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of ENCINA ROAD	F. B 2987 PG. 45
Map No.	JN 22154 Tape 0222 Std 68 °F	
Office Work	Surveyed by R. C. BOWERS	
Checked	Notes R.C.B Date 11/62	
Date	Indexed C. J. GALLI	



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

Do not extend this side of this line.

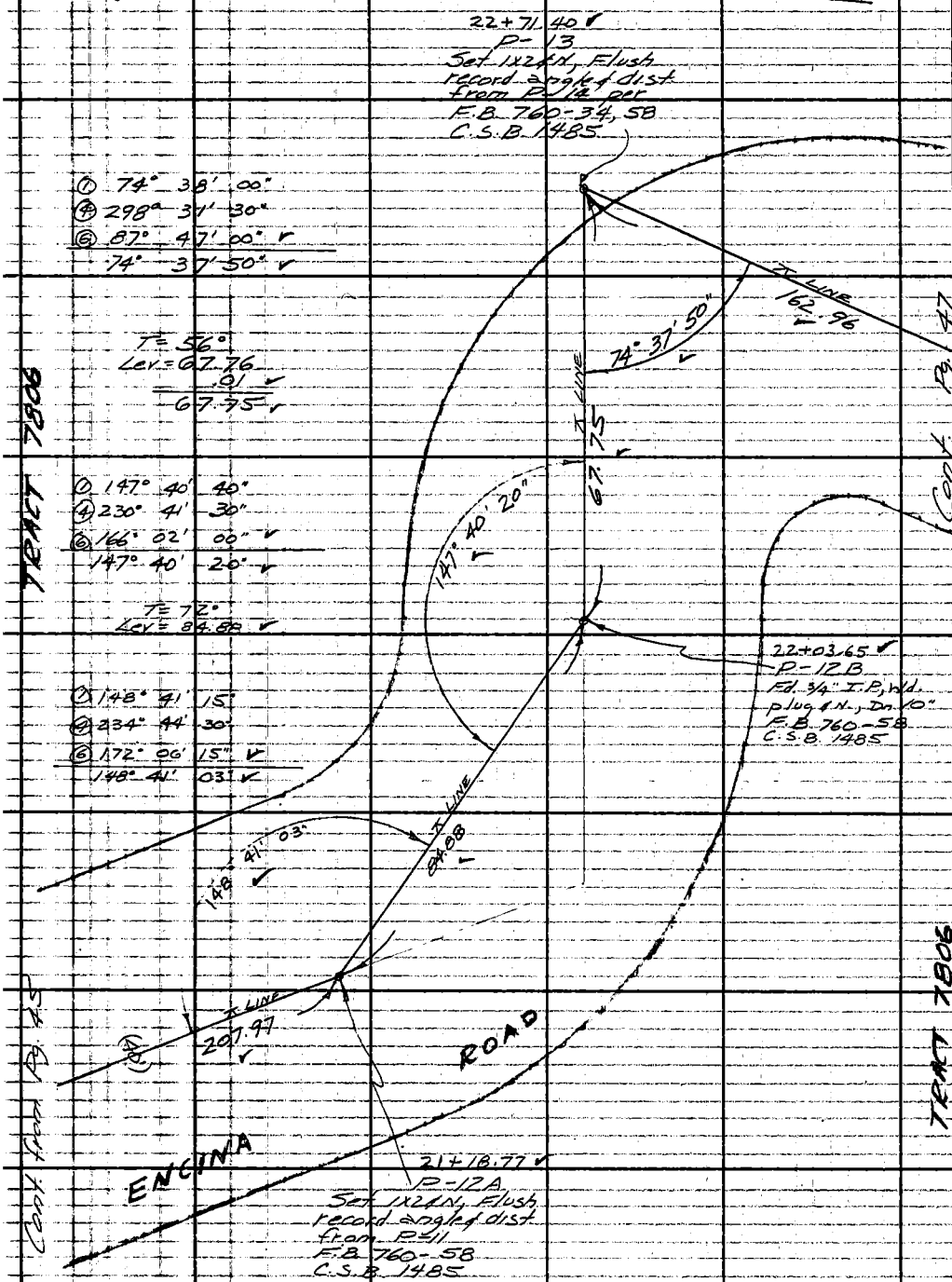
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

W.S. 89 C-3

76F309S CE # 310 3-61

F.B. 2987 Pg. 46

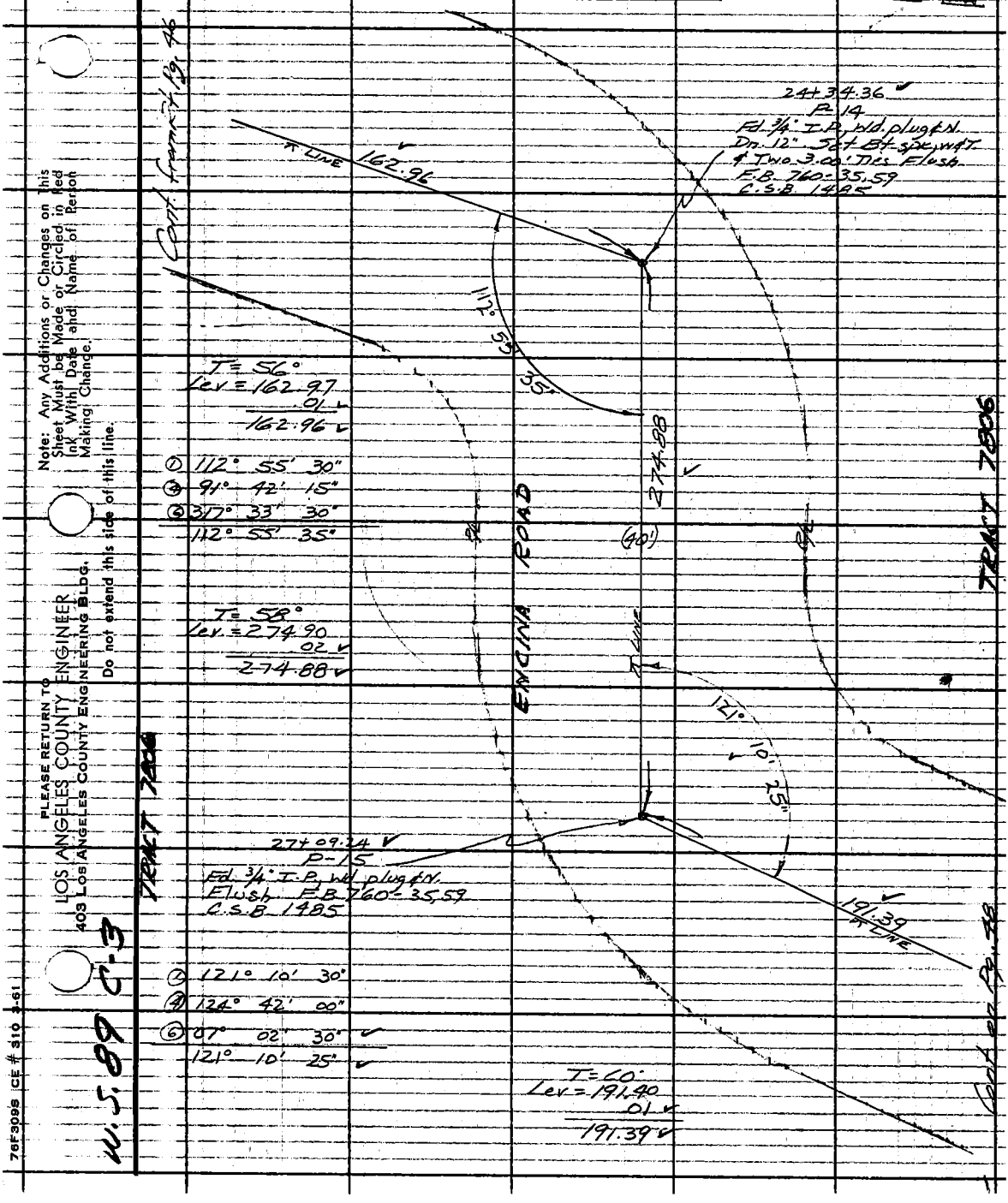
W.S. 89 C-3



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of Encina Road	F. B. 2987 Pg. 47
Map No.	JN 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed C. J. Galli	



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

Do not extend this side of this line.

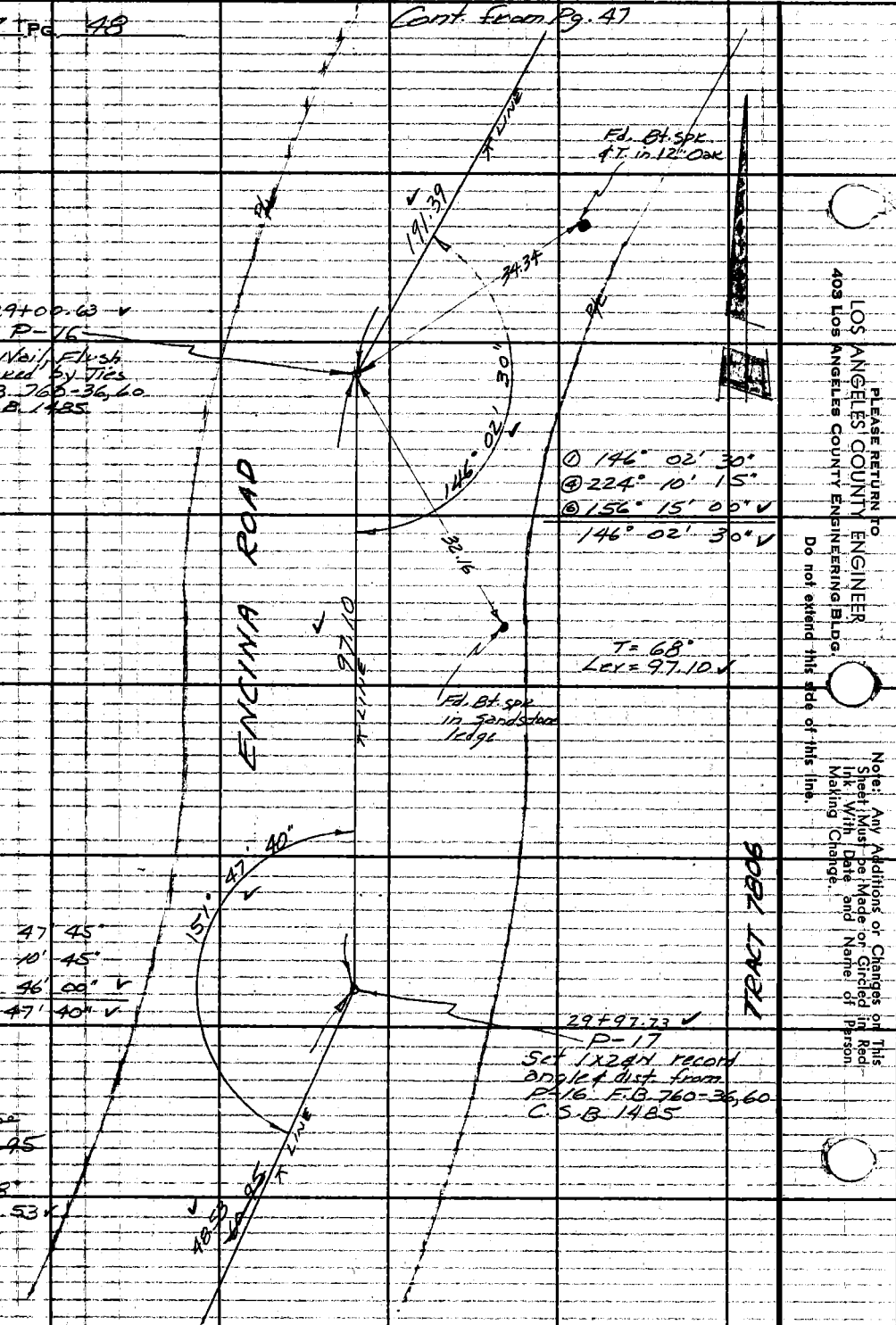
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

W.S. 89 C-3

76F3098 CE # 310 3-61

F. B. 4987 Pg. 48

Cont. from Pg. 47

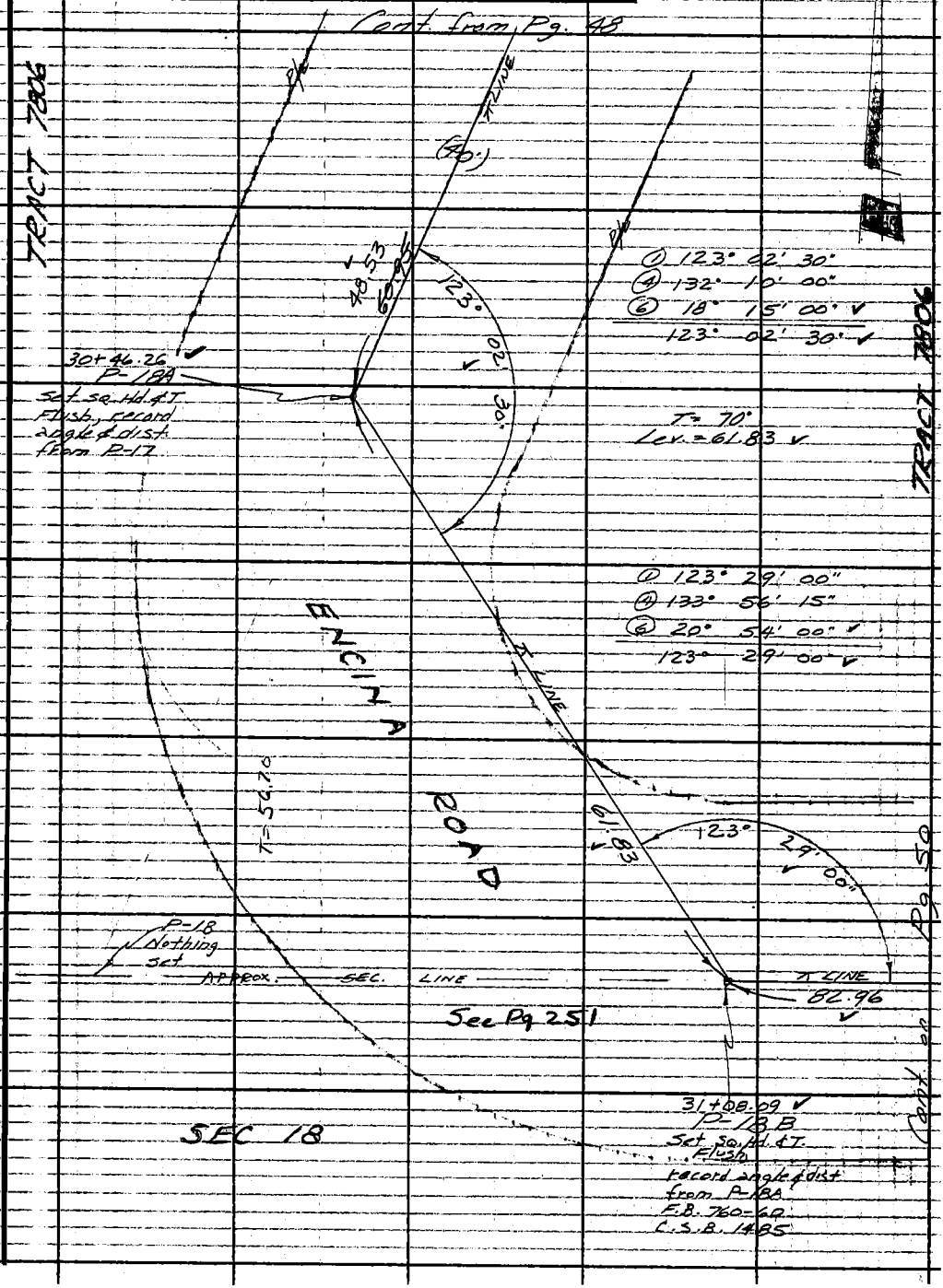


Cont Pg 49

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of ENCINA ROAD	F. B. 2987 PG. 49
Map No.	JN 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed C. J. GALLI	



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

Do not extend this side of this line.

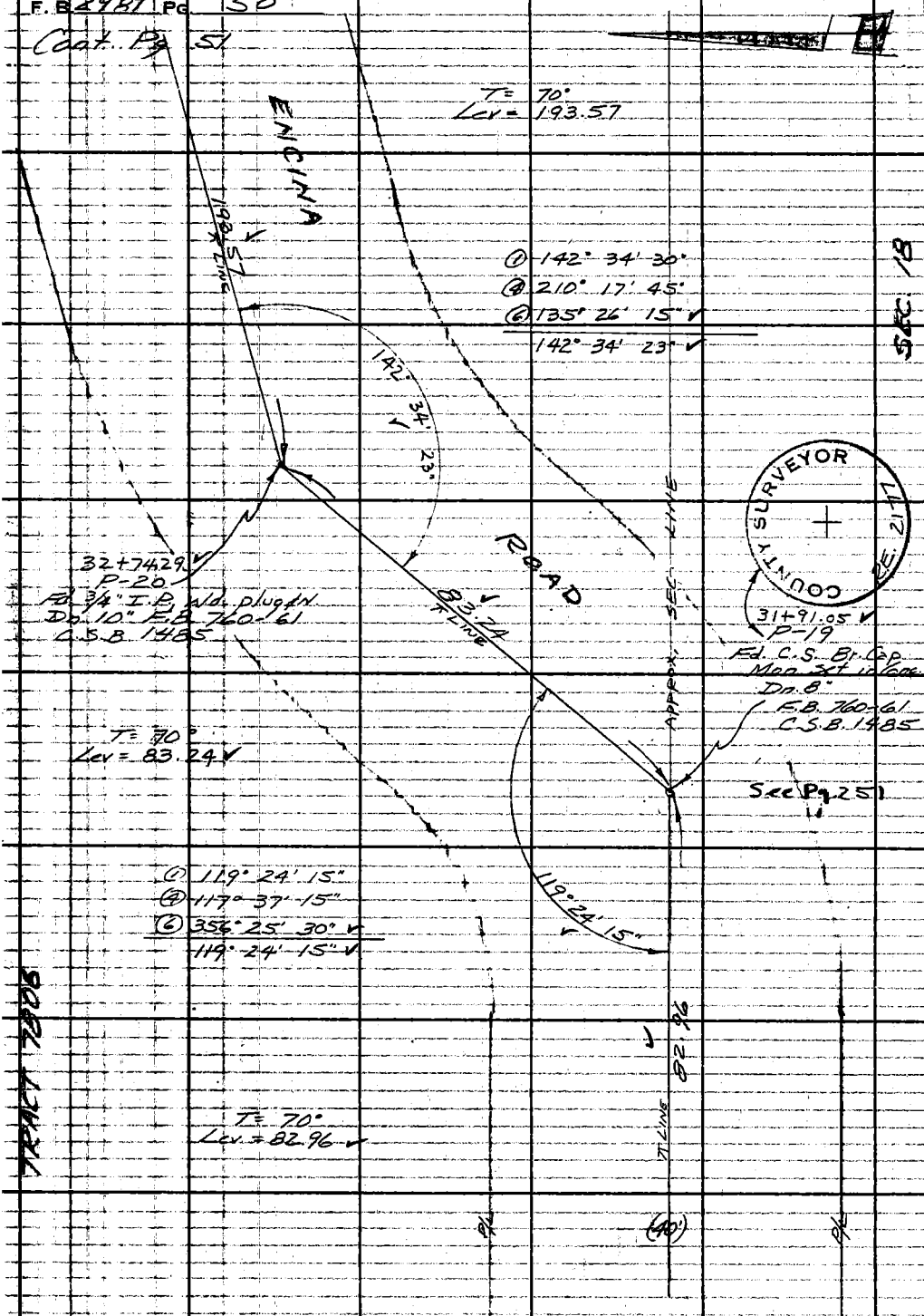
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

W. S. 89 C-3

F. B 29 87 Pg. 50

Cont. Pg 51

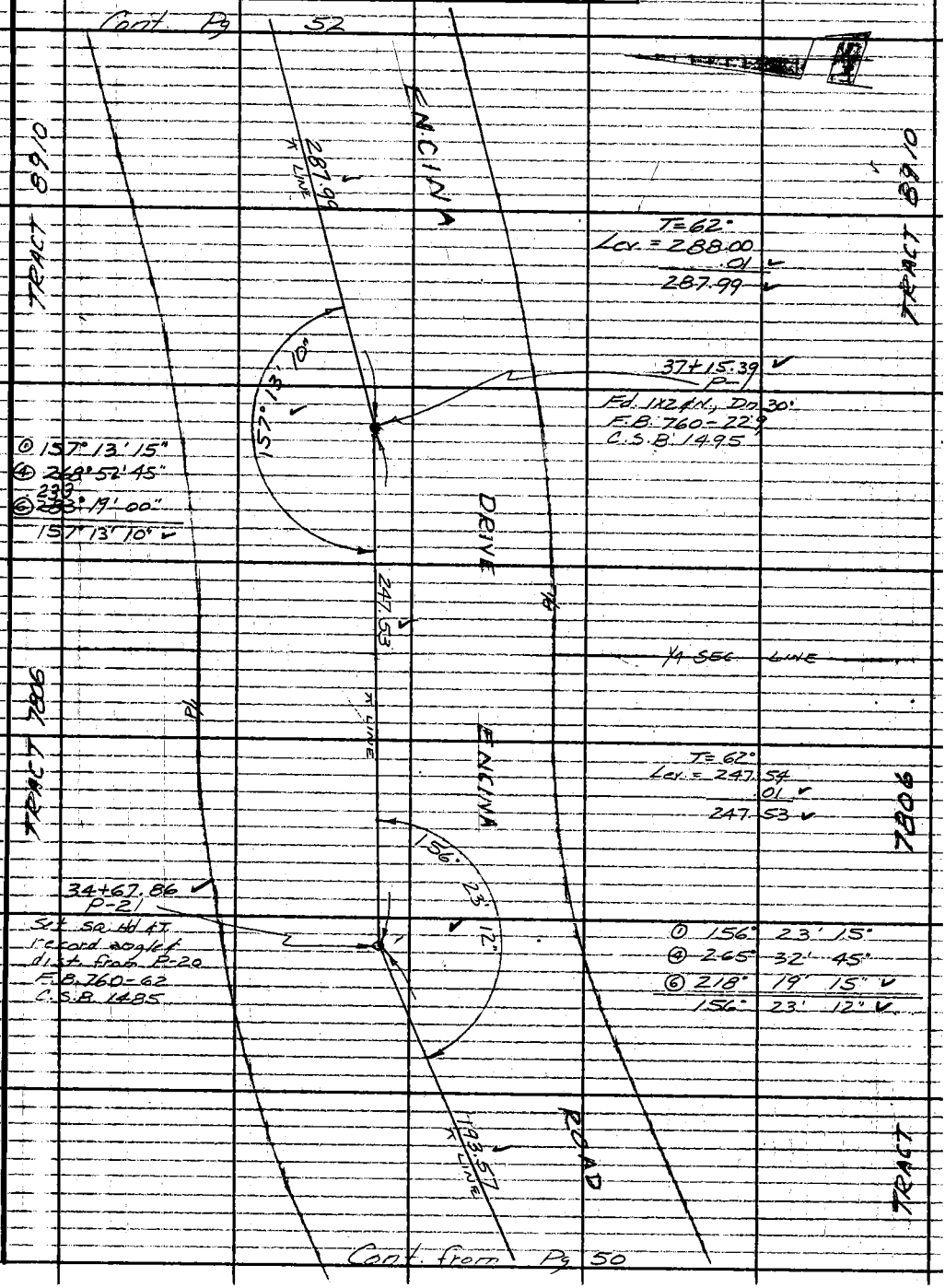


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of Encina Road	F. B. 2987 PG. 51
Map, No.	JN 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B. Date 11/62	
Date	Indexed C. J. GALLI	

Cont. Pg 52



Cont. from Pg 50

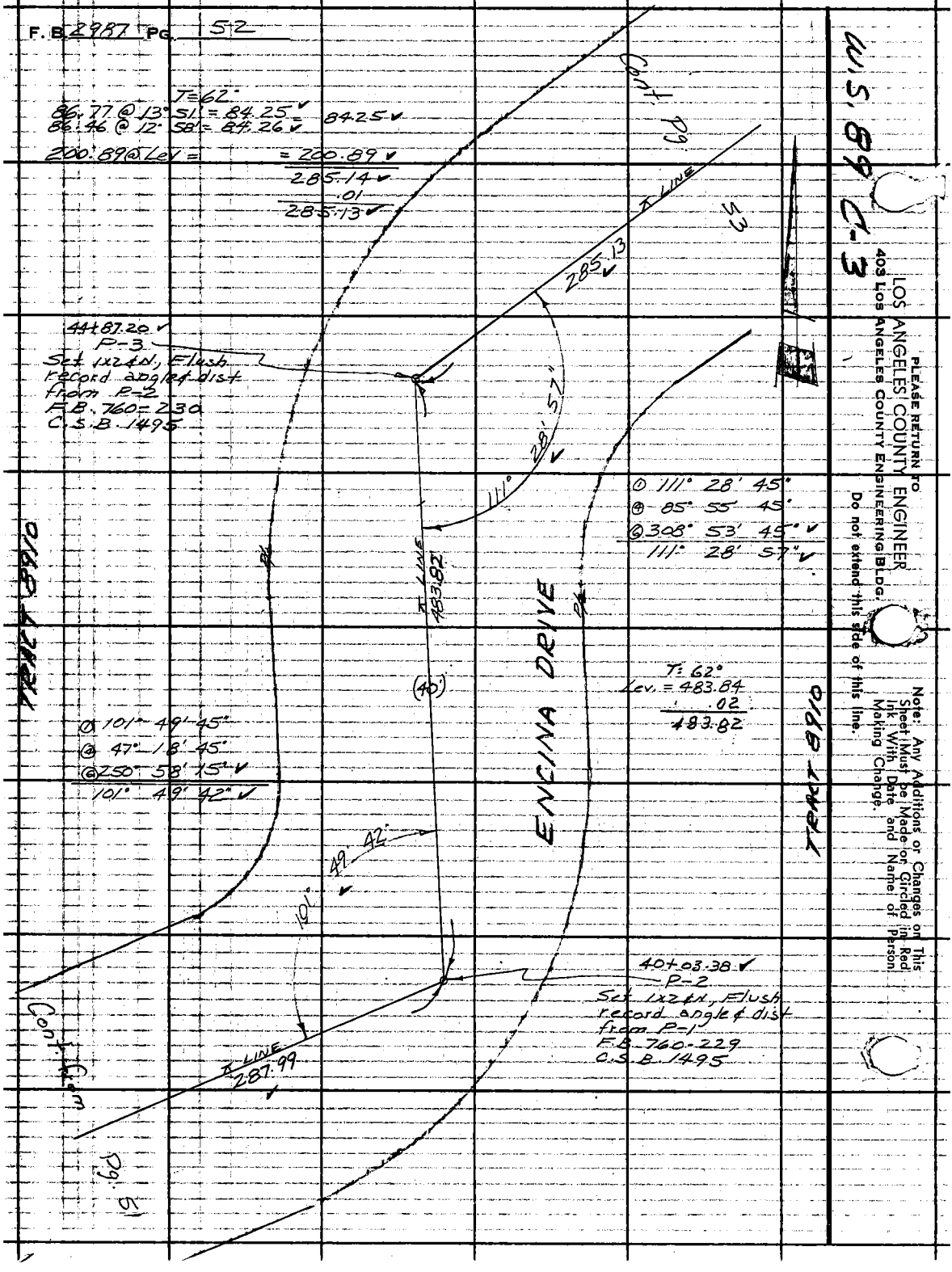
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

W.S. 89 C-3

76F3095 CE # 310 3-61


F.B. 2987 PG. 52
T=62°
86.77 @ 13° 51' = 84.25
86.46 @ 12° 58' = 84.26
84.25
200.89 @ Lev = = 200.89
285.14
.01
285.13
Cont. Pg. 53
π LINE
285.13
44+87.20
P-3
Set 1x2 & N, Flush
record angle & dist
from P-2
F.B. 760-230
C.S.B. 1495
111° 28' 57"
① 111° 28' 45"
④ 85° 55' 45"
⑥ 308° 53' 45"
111° 28' 57"
π LINE
483.82
(40')
ENCINA DRIVE
T: 62°
Lev. = 483.84
.02
483.82
TRACT 8910
① 101° 49' 45"
④ 47° 18' 45"
⑥ 250° 58' 15"
101° 49' 42"
101° 49' 42"
40+03.38
P-2
Set 1x2 & N, Flush
record angle & dist
from P-1
F.B. 760-229
C.S.B. 1495
π LINE
287.99
Cont. from Pg. 51
W.S. 89 C-3
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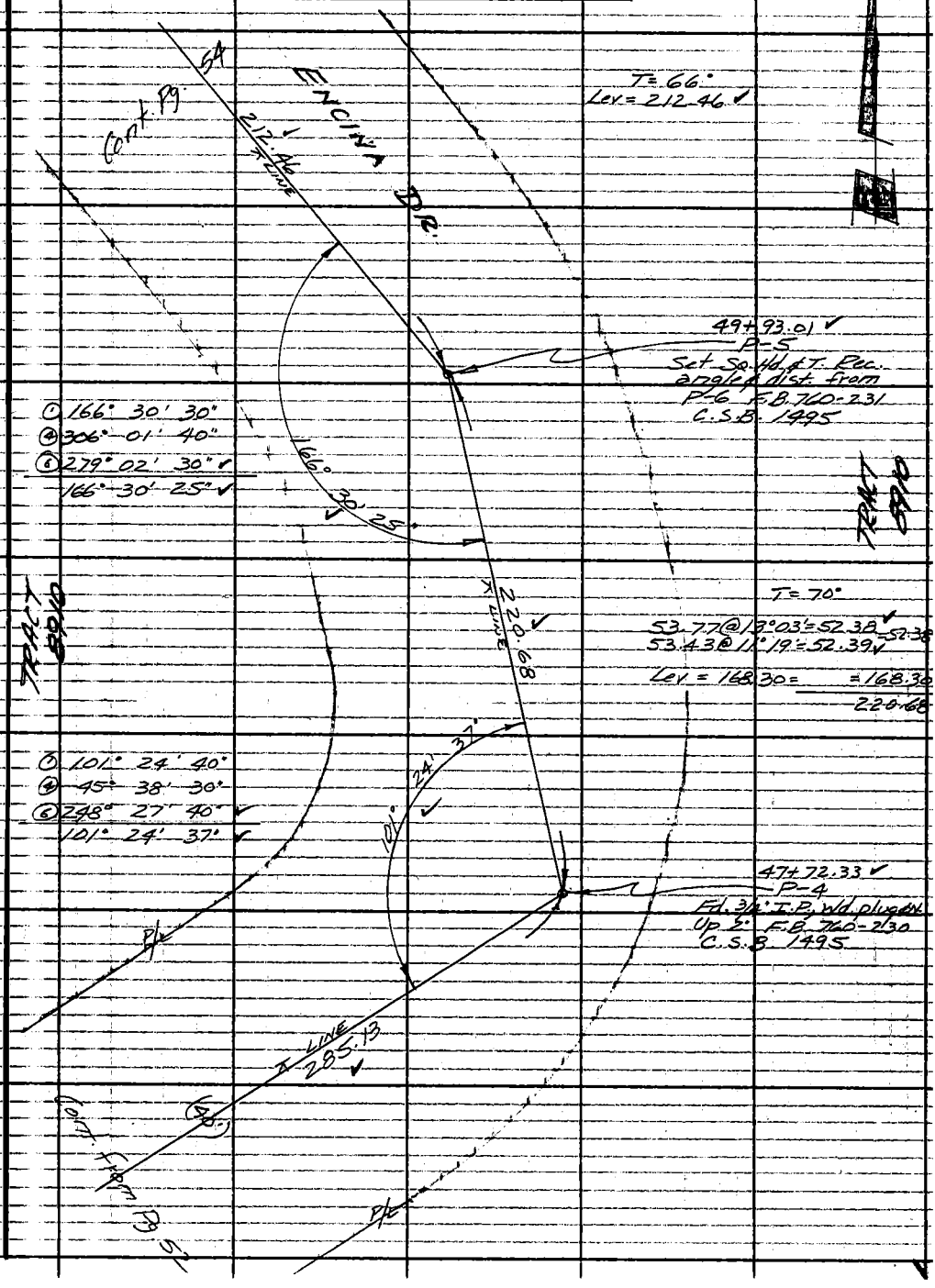
Notes Ck'd by	Survey of ENCINA ROAD	F. B. 2987 PG. 53
Map No.	JN 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R. C. BOWERS	
Checked	Notes R.C.B Date 12/62	
Date	Indexed G. J. GALLI	



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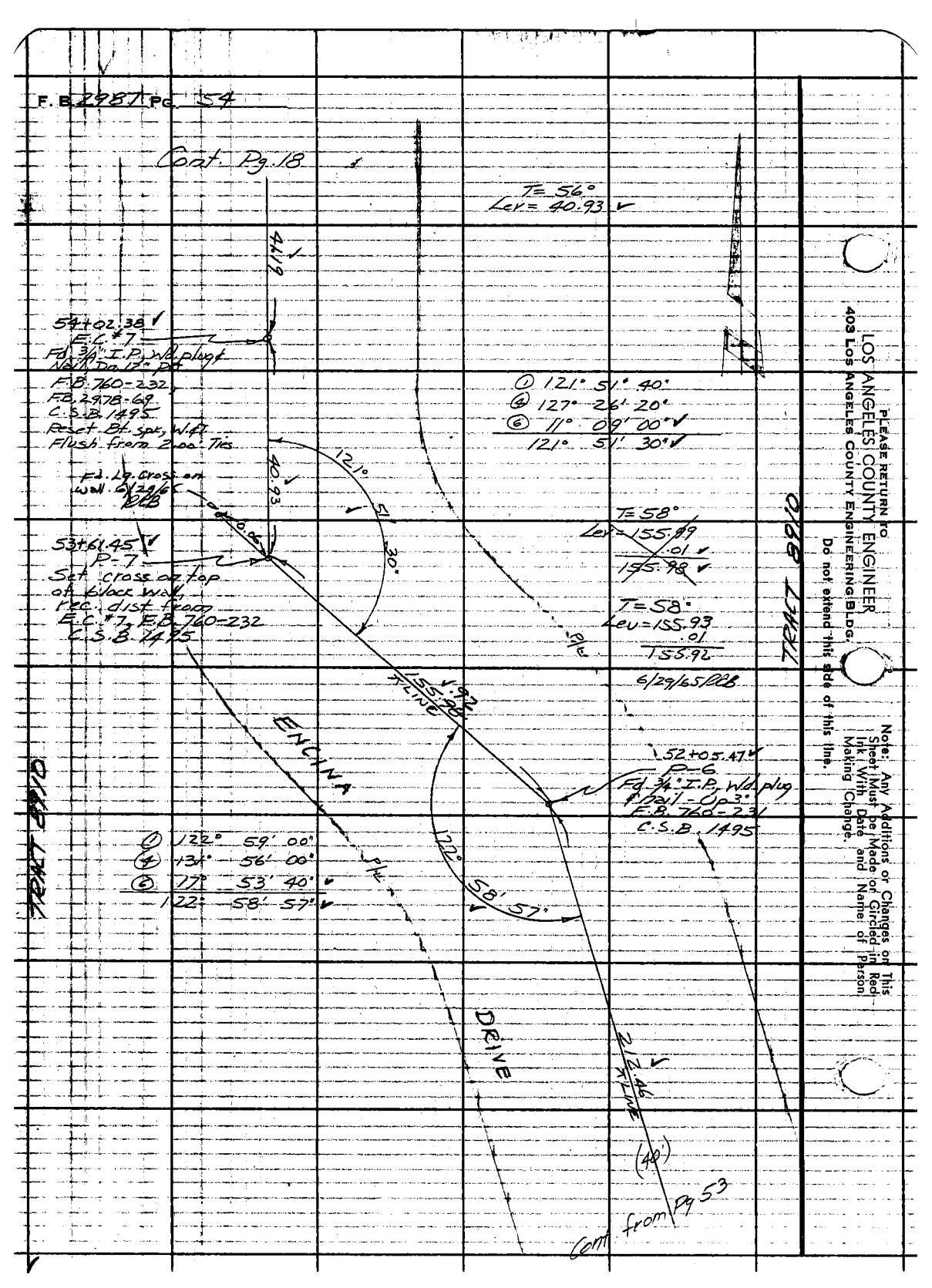
W.S. 89 C3

76F3095 CE # 310 3-61

F. B. 2987 Pg. 54

Cont. Pg. 18



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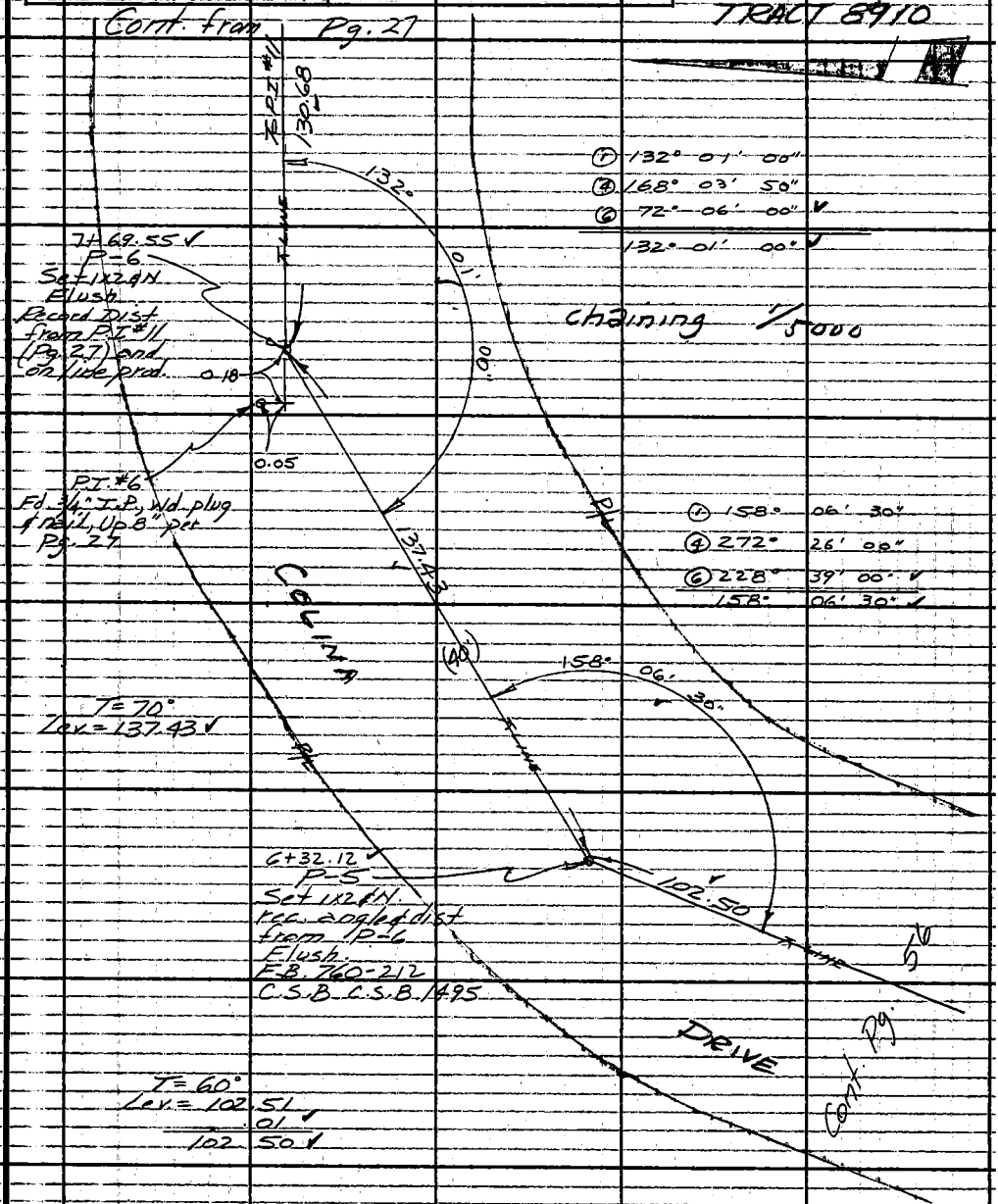
Notes Ck'd by	Survey of COLINA DR.	F. B. 2987 PG. 55
Map No.	J.N. 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B Date 12/62	
Date	Indexed C. J. GALLI JAN 2 4 63	

TRACT 8910



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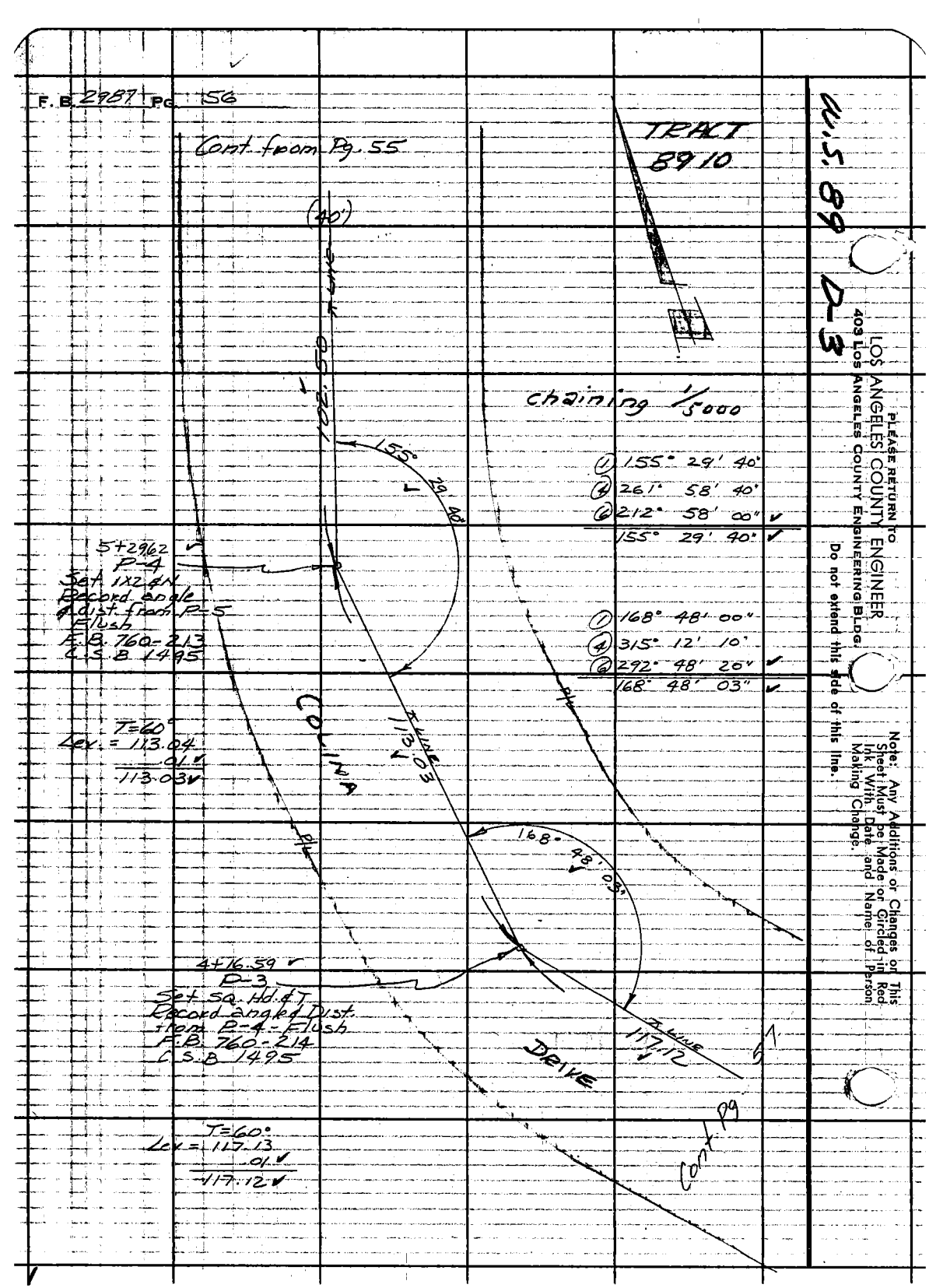
76F3095 CE # 310 3-61

F.B. 2987 Pg. 56

Cont. from Pg. 55



Chaining 1/5000

(1)	155°	29'	40"
(4)	26.1°	58'	40"
(2)	212°	58'	00" ✓
	155°	29'	40" ✓
(1)	168°	48'	00"
(4)	315°	12'	10"
(2)	292°	48'	20" ✓
	168°	48'	03" ✓

E.W.S. 89 D3

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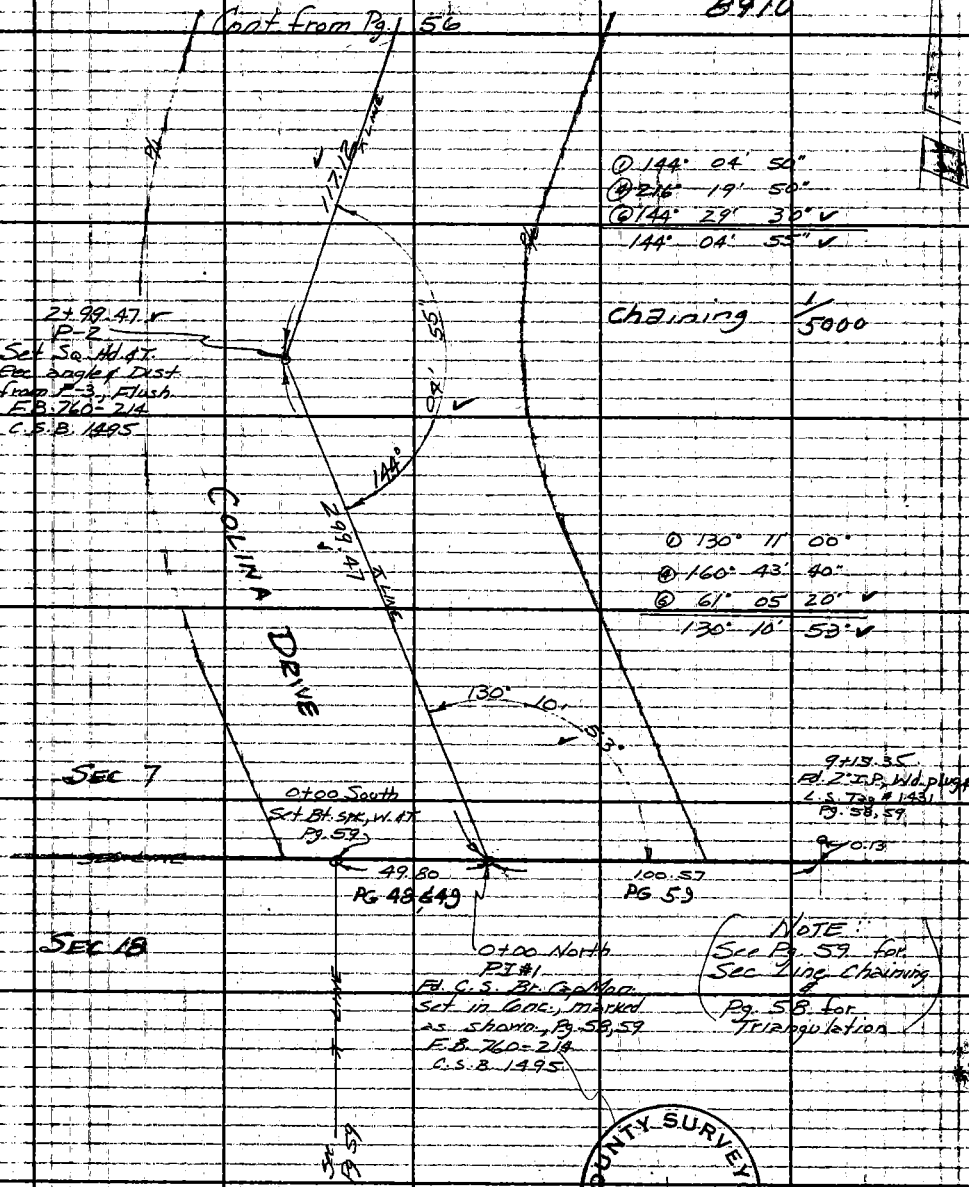
Notes Ck'd by W. J. BRENNER	Survey of COLINA DRIVE	F. B. 2987	PG. 57
Map No. 106-54	JN 2215.14 Tape 0222 Std 68 °F		
Office Work L. C. THOMPSON	Surveyed by R. C. BOWERS		
Checked W. J. BRENNER	Notes R.C.B. Date 12/62		
Date JAN 24 1963	Indexed C. J. GALLI		

TRACT 8910

Cont from Pg. 56



① 144° 04' 50"
④ 216° 19' 50"
⑥ 144° 29' 30" ✓
144° 04' 55" ✓

Chaining 1/5000

① 130° 11' 00"
④ 160° 43' 40"
⑥ 61° 05' 20" ✓
130° 10' 53" ✓

NOTE: See Pg. 59 for Sec Line Chaining & Pg. 58 for Triangulation

T = 70°
99.10 @ 14° 35' = 95.91 ✓
99.40 @ 15° 14' =
203.56 @ Lev = 203.56 ✓
299.47 ✓

COUNTY SURVEYOR R.E. 2177

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W. S. 87 P-3

76F309S CE # 310 3-61

F. B. 2987 Pg. 58

π @ C.S. Mon.

① 27° 16' 00"
④ 109° 04' 00"
⑥ 163° 36' 15" ✓
27° 16' 02" ✓

① 154° 21' 45"
④ 257° 27' 00" ✓
⑥ 206° 10' 30" ✓
154° 21' 45" ✓

① 178° 22' 15"
④ ~~353° 28' 45"~~
⑥ 350° 13' 15" ✓
178° 22' 13" ✓

Fd. C.S. Br. Cap Mon. Set in Conc. Marked as Shown. F.B. 760-2/4 C.S.B. 1495

SURVEYOR COUNTY RE 2177

0.13

9+15.35
2" I.P., W/ plug & Tag, L.S. 1431 Pg. 59, 57

JES. LINE

154° 21' 45"

10 Adj.

49.90

178° 22' 15"

COLINA DR.

π LINE Pg. 57

π LINE Pg. 59

Set spk. w. lt Pg. 59

π @ F-11

① 36° 31' 00"
④ 146° 03' 30"
⑥ 219° 05' 15" ✓
36° 30' 53" ✓

π @ H-2

① 116° 12' 45"
④ 104° 57' 45"
⑥ 337° 18' 00" ✓
116° 13' 00" ✓

DRY CANYON
F-11
Fd. Br. Cap Mon. Set in Conc. Marked as Shown

① 323° 29' 00"
④ 213° 56' 15" ✓
⑥ 140° 54' 15" ✓
323° 29' 03" ✓

① 243° 46' 45"
④ 255° 08' 00"
⑥ 22° 42' 00" ✓
243° 47' 00" ✓

00"

116° 13'

-5"

L.A.S. FLORES H-2 Fd. Br. Cap Mon. in Conc. Marked as shown

243° 47' 00"

FIRST ORDER TRIANGULATION DRY CANYON F-11 1950 CITY SURVEY DTL. CONTROL

FIRST ORDER TRIANGULATION DRY CANYON F-11 1950 CITY SURVEY DTL. CONTROL

FIRST ORDER TRIANGULATION L.A. FLORES H-2 1950 CITY SURVEY DTL. CONTROL

FIRST ORDER TRIANGULATION L.A. FLORES H-2 1950 BUREAU OF ENGR. CITY SURVEY DTL. CONTROL

36° 30' 53"

325°

29°

5.80

C.S. 8410-13

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Notes Ck'd by W. J. BRENNER
Map No. 106-54
Office Work L. C. THOMPSON
Checked W. J. BRENNER
Date APR 24 1963

Survey of COLINA DR.
J.N. 22151-14 Tape 145 Std 84 °F
Surveyed by R.C. Bowers
Notes R.C.B Date 11/62
Indexed R. J. GALLI

F. B. 2987 Pg. 59

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D-3

U. S. 89

76F3085 CE # 310 3-61

T. 1 S.
R. 16 W.

SEC. 7

SEC. 18

0.16
9+28.76
Ed. old 2x2 A.N.
per F.B. 760-156
C.S.B. 1495

T = 54°
Lor. = 13.42 ✓

13.42 per C.S.B. 1495

T = 54°
124.29 @ 35° 57' 45" = 100.60 ✓ = 100.59
124.88 @ 36° 20' 30" = 100.59 ✓ .02
100.57 ✓

0.13
9+15.35
Fd. 2" I.B. wd. plug & Tag "L.S. 1431"
F.B. 760-156
C.S.B. 1495

T = 60°
53.89 @ 22° 26' 30" = 49.81 ✓
54.45 @ 23° 50' 00" = .01
49.80 ✓

Closing corner

T = 60°
Lor. = 19.39 ✓

1424.31 to Closing

100.57

(Note: Sta. Page Trav. adj. 1.00)

P.I. #1 = 8+14.95
Fd. C.S. Br. Cap Mon.
Set in Conc., marked as shown.
F.B. 760-214
C.S.B. 1495
Pg. 57 & 58

COUNTY SURVEYOR C.E. 2711

① 90° 00' 00"
④ 359° 59' 30" ✓
⑥ 179° 59' 15" ✓
89° 59' 53" ✓

① 34° 51' 30"
④ 139° 25' 45" ✓
⑥ 209° 08' 30" ✓
34° 51' 25"

Pg. Line

50.00

COLINA DRIVE

49.80

89°

59.

185.43

A-2 = 0+19.39
Set Bk spk dT
Flush.

A-1
0+00.0
Set Bk spk, dT, Flush on line Prod. from East.

19.39 ✓

COLINA

SEC. LINE

51° 25'

185.43

237.12 ✓

DR.

℄ Line

Cont. Pg. 60

Notes Ck'd by W. J. BRENNER
Map No. 106-54
Office Work L. C. THOMPSON
Checked W. J. BRENNER
Date [redacted] 17 24 1963

Survey of COLINA DR
JN 2215.14 Tape 145 Std 84° °F
Surveyed by R.C. BOWERS
Notes R.C.B Date 11/62
Indexed B. J. GALLI

F. B. 2987 PG. 59

T 1 S. R 16 W.

0.16
9+28.76
Fd. old 2x2 4N.
per F.B. 760-156
C.S.B. 1495

13.42 CSB 1495

T = 54°
Lev. = 13.42 ✓

T = 54°
124.29 @ 35° 57' 45" = 100.60 ✓
124.88 @ 36° 20' 30" = 100.59 ✓
100.59
.02
100.57 ✓

0.13
9+15.35
Fd. 2" I.P., wd. plug
& Tag # L.S. 1431
F.B. 760-156
C.S.B. 1495

T = 60°
53.89 @ 22° 26' 30" = 49.81 ✓
54.45 @ 23° 50' 00" = .01
49.80 ✓

T = 60°
Lev. = 19.39 ✓

1424.31 to Closing Corner per CSB 1495

100.57

Note: See Page 58 for Triangulation

P.I. #1 = 8+14.95
Fd. C.S. Br. Cap Mon.
Set in Conc., marked
as shown.
F.B. 760-214
C.S.B. 1495
Pg. 57 & 58

COUNTY SURVEYOR R.E. 2177

SEC. 7

SEC. 18

① 90° 00' 00"
④ 359° 59' 30" ✓
⑥ 179° 59' 15" ✓
89° 59' 53" ✓

① 34° 51' 30"
④ 139° 25' 45" ✓
⑥ 209° 08' 30" ✓
34° 51' 25"

Sec. Pg. 57 ℄ Line

49.80

COLINA DRIVE

89° 59' 53" 45 Adj.

A-2 = 0+19.39
Set Bt. spk. & T.
Flush.

0+00
A-1
Set Bt. spk.,
W. & T., Flush
on line Prod.
from East.

19.39 ✓

COLINA

34° 51' 25" 15 Adj.

237.12 DR.

℄ Line

SEC. LINE

W. S. 89 D-3

Cont. Pg. 60

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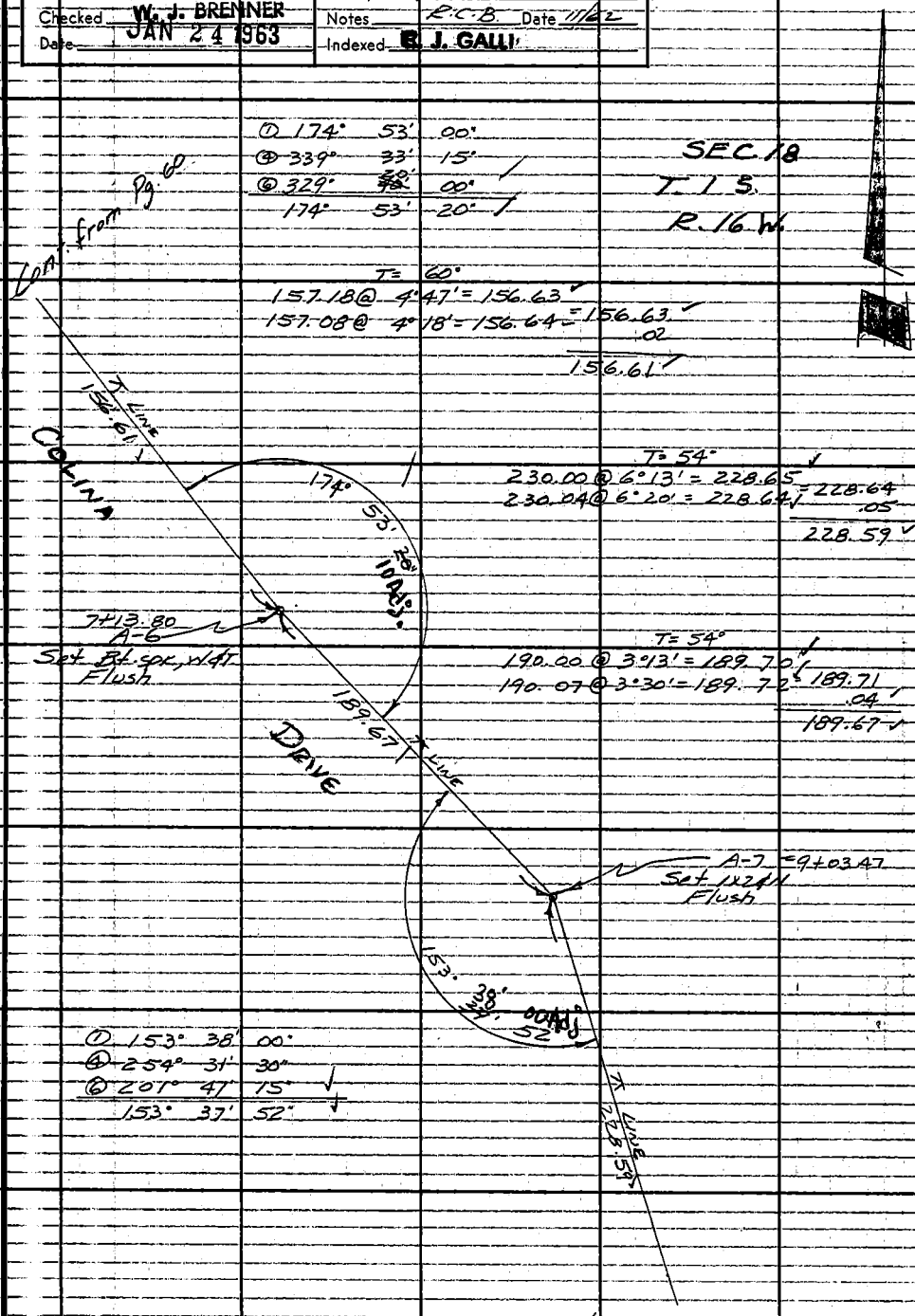
76F309S CE # 310 3-61

Notes Ck'd by W. J. BRENNER	Survey of COLINA DR	F. B. 2987 Pg. 61
Map No. 106-54	JN 2215.14 Tape 145 Std 84 °F	
Office Work L. C. THOMPSON	Surveyed by R.C. Bowers	
Checked W. J. BRENNER	Notes R.C.B. Date 11/62	
Date JAN 24 1963	Indexed R. J. GALLI	

SEC. 18
T. 1 S.
R. 16 W.



① 174° 53' 00"
④ 339° 33' 15"
⑥ 329° 20' 00"
174° 53' 20"

T = 60°
157.18 @ 4°47' = 156.63
157.08 @ 4°18' = 156.64 = 156.63
.02
156.61

T = 54°
230.00 @ 6°13' = 228.65
230.04 @ 6°20' = 228.64 = 228.64
.05
228.59

T = 54°
190.00 @ 3°13' = 189.70
190.07 @ 3°30' = 189.72 = 189.71
.04
189.67

① 153° 38' 00"
④ 254° 31' 30"
⑥ 201° 47' 15"
153° 37' 52"

Cont. Pg. 62

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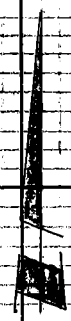
76F3095 CE # 310 3-61

F. B. 2987 Pg. 62

Cont. from Pg. 61

SEC. 18
T. 1 S.
R. 16 W.



① 126° 11' 30"
② 144° 46' 00"
③ 37° 09' 15"
126° 11' 32"

T=62°
89.32 @ 5° 57' = 89.34
89.91 @ 6° 30' = 89.33
89.32 01

① 120° 23' 30"
② 121° 34' 15"
③ 02° 21' 30"
120° 23' 35"

T= 60°
205.11 @ 9° 13' = 202.46
204.73 @ 8° 32' = 202.46
202.46 .03
202.43

① 132° 27' 30"
② 169° 49' 30"
③ 74° 44' 00"
132° 27' 20"

T= 64°
186.73 @ 5° 22' = 185.91
186.89 @ 5° 54' = 185.90
185.90 .02
185.88

Cont. Pg. 63

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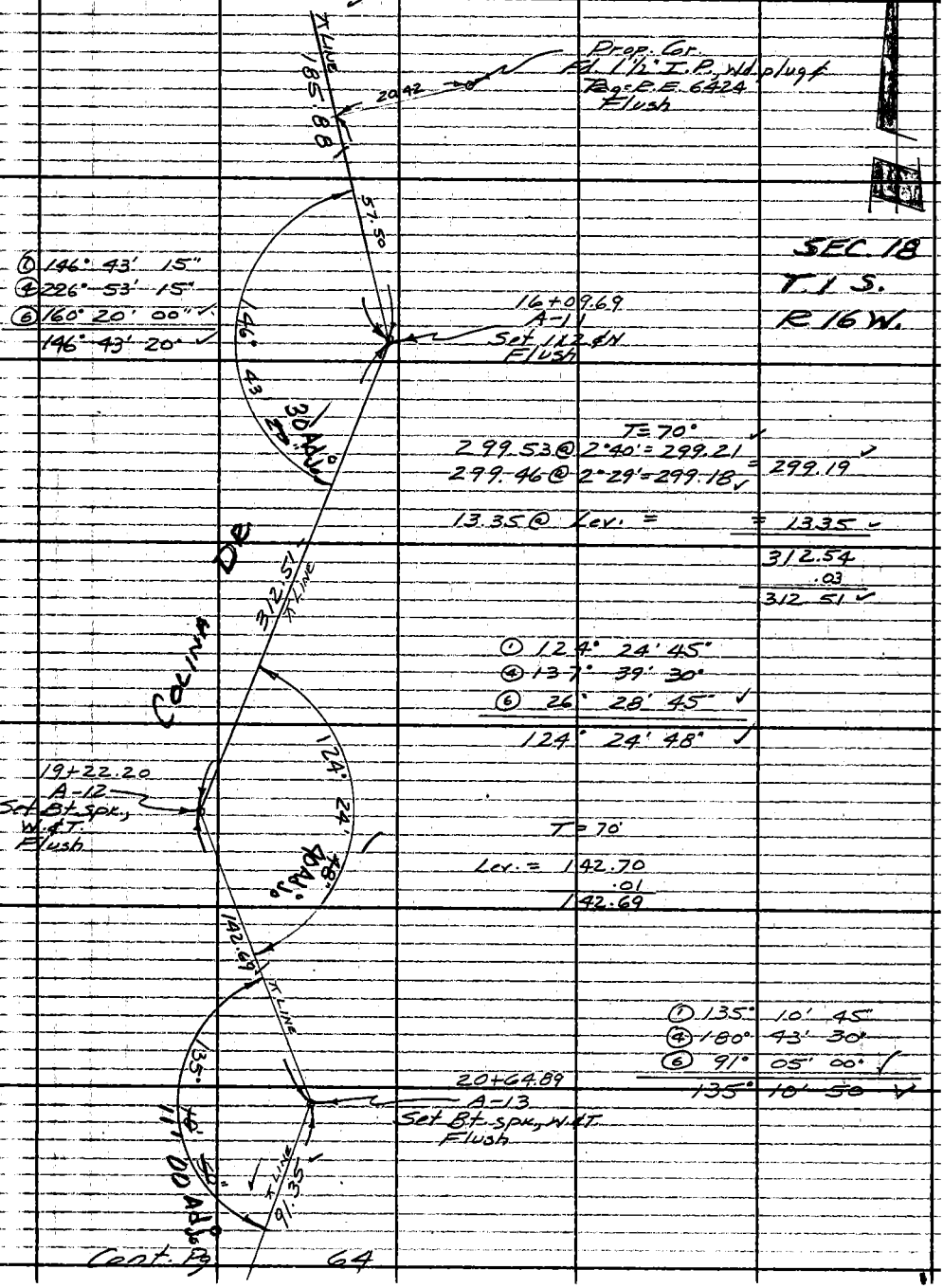
Notes Ck'd by W. J. BRENNER	Survey of COLINA DR.	F. B. 2987	PG. 63
Map No. 106-54	JN 2215.14 Tape 145 Std 84 °F		
Office Work L. C. THOMPSON	Surveyed by R.C. BOWERS		
Checked W. J. BRENNER	Notes R.C.B. Date 11/62		
Date JAN 24 1963	Indexed C. J. GALLI		

Cont from Pg. 62



SEC. 18
T. 1 S.
R. 16 W.

① 146° 43' 15"
④ 226° 53' 15"
⑥ 160° 20' 00" ✓
146° 43' 20" ✓

T = 70° ✓
299.53 @ 2°40' = 299.21 ✓
299.46 @ 2°29' = 299.18 ✓ = 299.19 ✓

13.35 @ Lev. = = 13.35 ✓

312.54
.03
312.51 ✓

① 124° 24' 45"
④ 137° 39' 30"
⑥ 26° 28' 45" ✓
124° 24' 48" ✓

T = 70'
Lev. = 142.70
.01
142.69

① 135° 10' 45"
④ 180° 43' 30"
⑥ 91° 05' 00" ✓
135° 10' 50" ✓

Cont. Pg 64

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F. B 2987 Pg 64

Cont from Pg. 63

T= 74°
Lev = 91.36
.01
91.35

①	137°	15'	45"
④	189°	15'	15"
⑥	103°	52'	30"
	137°	18'	45"

T= 72°
132.30 @ 10°27' = 130.11
132.02 @ 9°44' = 130.12
130.11
.01
130.10

①	134°	42'	45"
④	178°	51'	00"
⑥	88°	16'	15"
	134°	42'	43"

①	127°	14'	45"
④	148°	58'	15"
⑥	43°	27'	00"
	127°	14'	30"

T= 62°
Lev = 97.72
.01
97.71

Cont. Pg. 65

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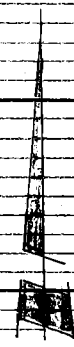
Notes Ck'd by W. J. BRENNER		Survey of COLINA DR.	F. B. 2987 Pg. 65
Map No. 106-54		JN 2215:14 Tape 145 Std 84 °F	
Office Work C. THOMPSON		Surveyed by R.C. BOWERS	
Checked W. J. BRENNER		Notes R.C.B. Date 12/62	
Date JAN 24 1963		Indexed R. J. GALLI	

Cont from Pg 64

SEC 18
T. 1 S.
R. 16 W.



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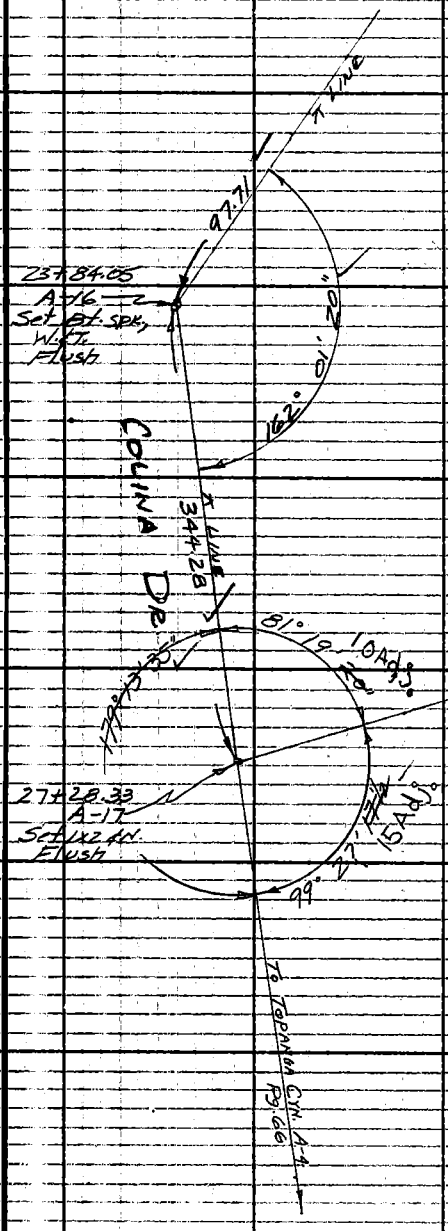


① 162° 01' 15"
④ 288° 05' 15"
⑥ 252° 08' 00" ✓
162° 01' 20" ✓

T = 60° ✓
299.85 @ 3°51' = 299.17
299.79 @ 3°40' = 299.18
45.16 @ Lev. = = 45.16
344.33
.05
344.28 ✓

To TOPANGA CYN. C-3 Pg. 66

① 81° 19' 20"
④ 325 17' 10" ✓
⑥ 127° 56' 00" ✓
81° 19' 20" ✓

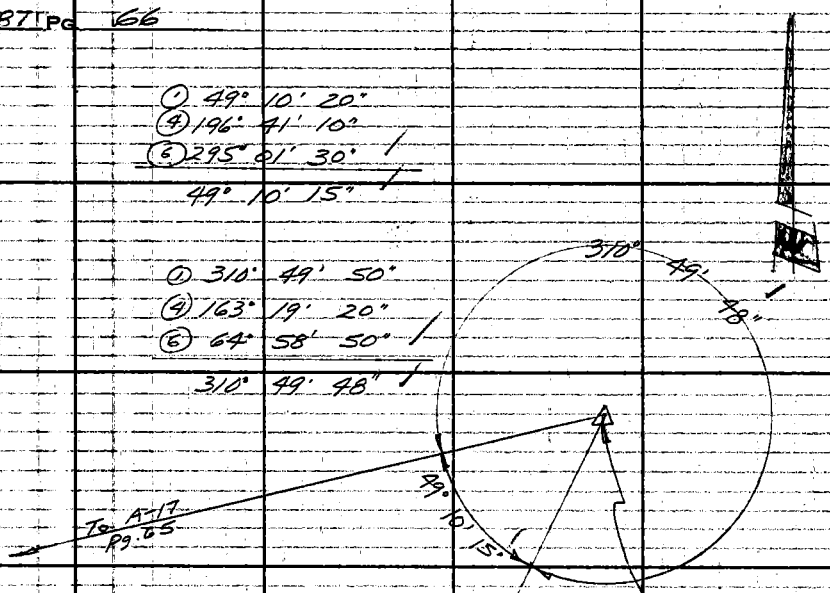
① 99° 27' 15"
④ 37° 49' 00" ✓
⑥ 236° 43' 45" ✓
99° 27' 17½" ✓

① 179° 14' 30"
④ 356° 54' 30"
⑥ 355 21' 30" ✓
179° 13' 35" ✓

F.B. 2987 Pg. 66

① 49° 10' 20"
④ 196° 41' 10"
⑥ 295° 01' 30"
49° 10' 15" ✓

① 310° 49' 50"
④ 163° 19' 20"
⑥ 64° 58' 50" ✓
310° 49' 48" ✓

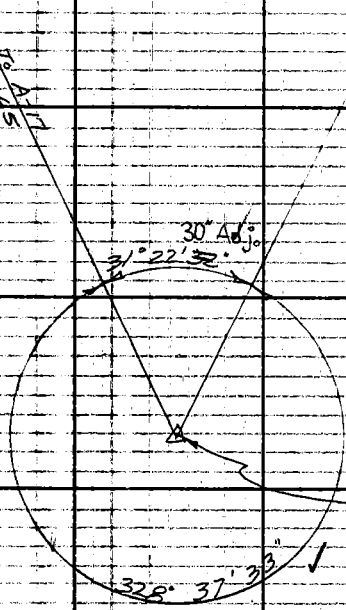


Topanga Cyn. C-3
Fd. Br. Cap Mon.
in conc. marked
as shown ←
F.B. 2661-78

FIRST ORDER SURVEY CONTROL
TRIANGULATION
TOPANGA CANYON
1950
BUREAU OF ENG. SURVEY
CITY L.A. DEPT. PUBLIC WORKS

① 31° 22' 30"
④ 125° 30' 00" ✓
⑥ 188° 15' 10" ✓
31° 22' 32"

① 328° 37' 30"
④ 234° 30' 20"
⑥ 171° 45' 20" ✓
328° 37' 33" ✓



Topanga Cyn. A-4
Fd. Br. Cap Mon. in
Conc. Marked as
Shown ↓
F.B. 2661-81

FIRST ORDER SURVEY CONTROL
TRIANGULATION
TOPANGA CANYON A-4
1950
BUREAU OF ENG. SURVEY
CITY L.A. DEPT. PUBLIC WORKS

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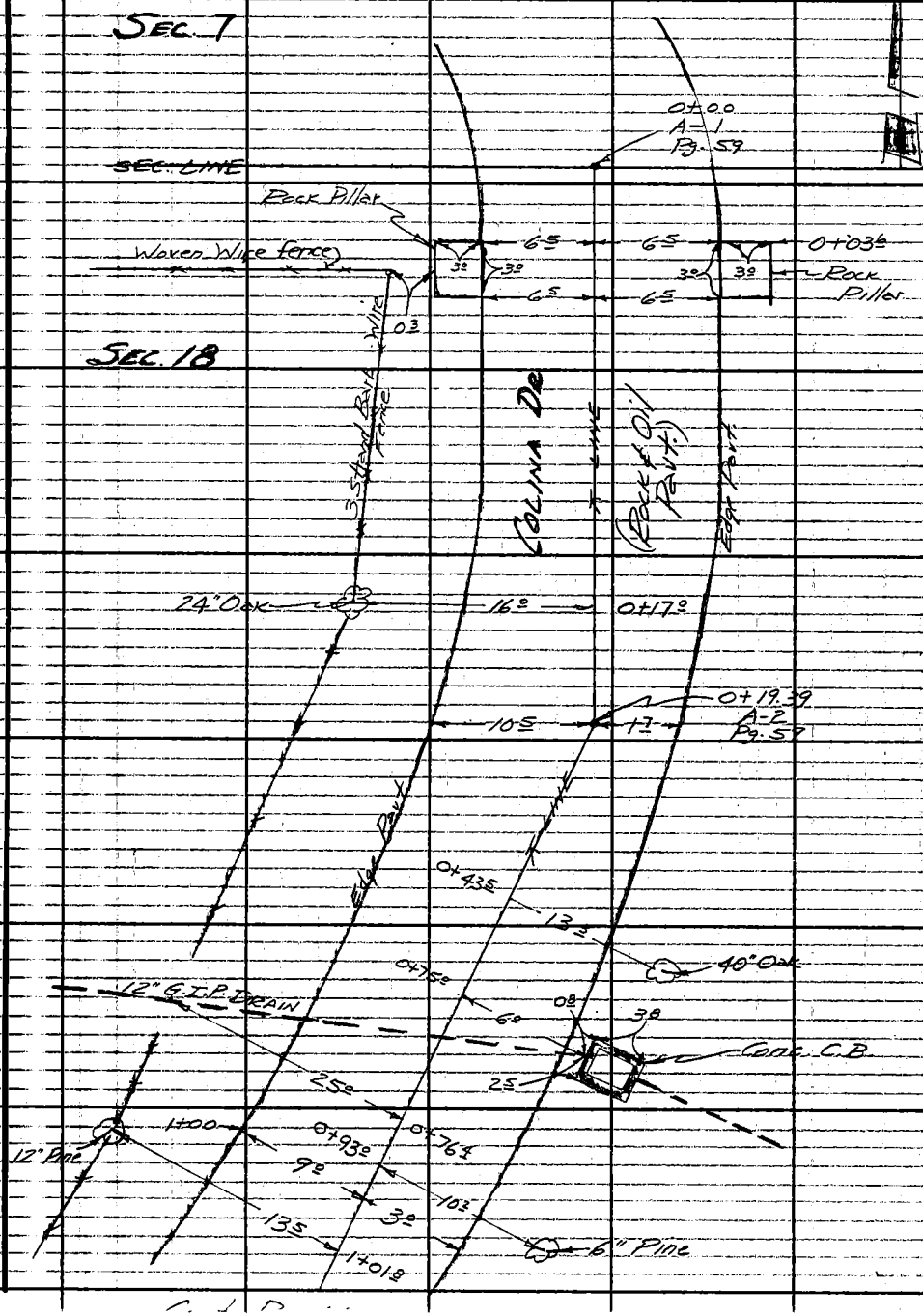
Notes Ck'd by	Survey of COLINA DR.	F. B. 2987 PG. 67
Map No. 106-54	JN 2215.14 Tape Std °F	
Office Work L. C. THOMPSON	Surveyed by R. C. Bowers	
Checked [redacted]	Notes R.C.B. Date 12/62	T1S
Date DEC 27 '62	Indexed E. J. GALLI	R16W



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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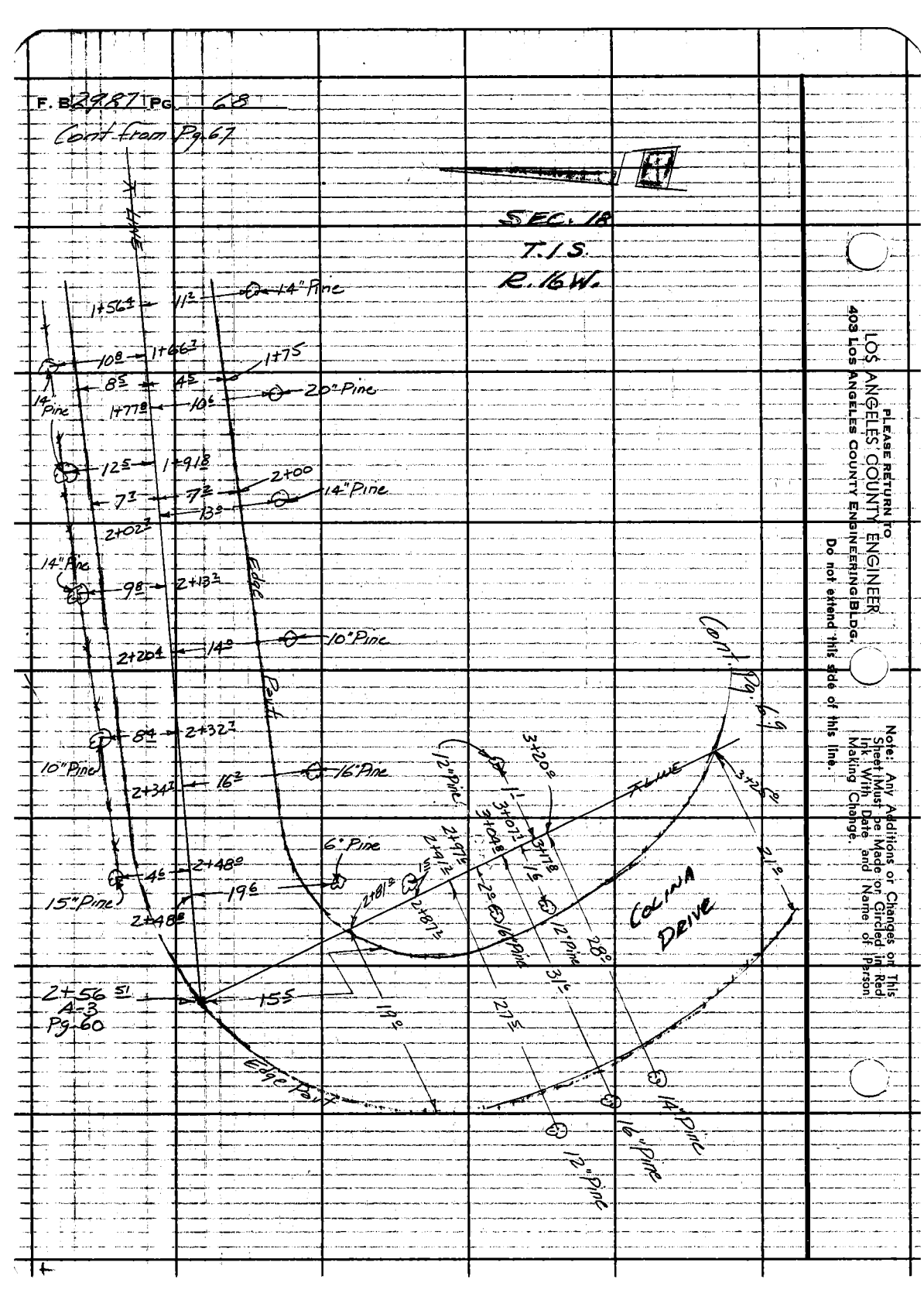
76F3095 CE # 310 3-61

F. B. 29871 PG. 68

Cont. from Pg. 67



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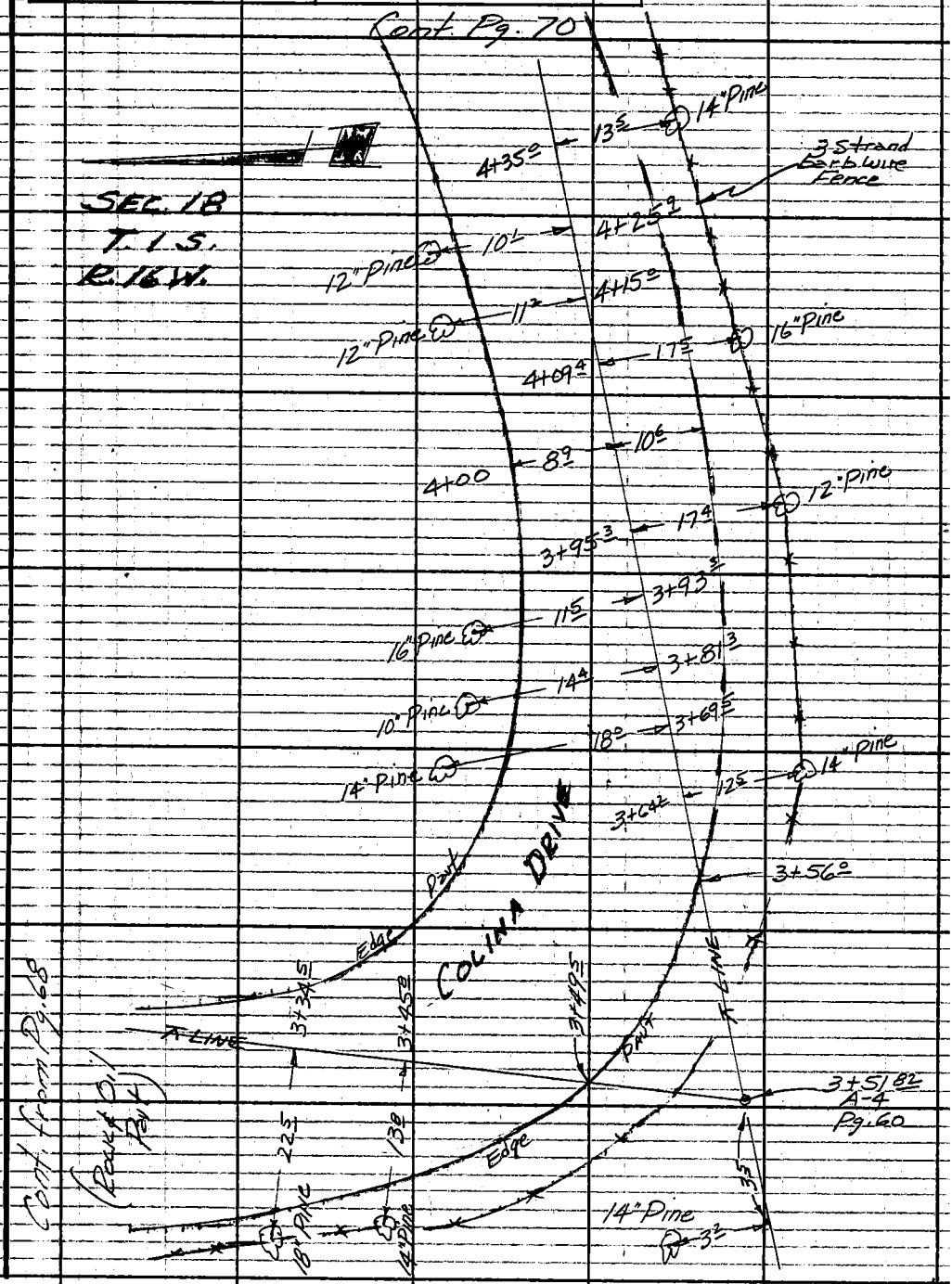
Notes Ck'd by	Survey of Colina Dr.	F. B. 2987 Pg. 69
Map No. 106-54	JN 2215.14 Tape Std °F	
Office Work L. C. THOMPSON	Surveyed by R. C. Bowers	
Checked	Notes R.C.B. Date 12/62	
Date	Indexed E. J. GALLI	



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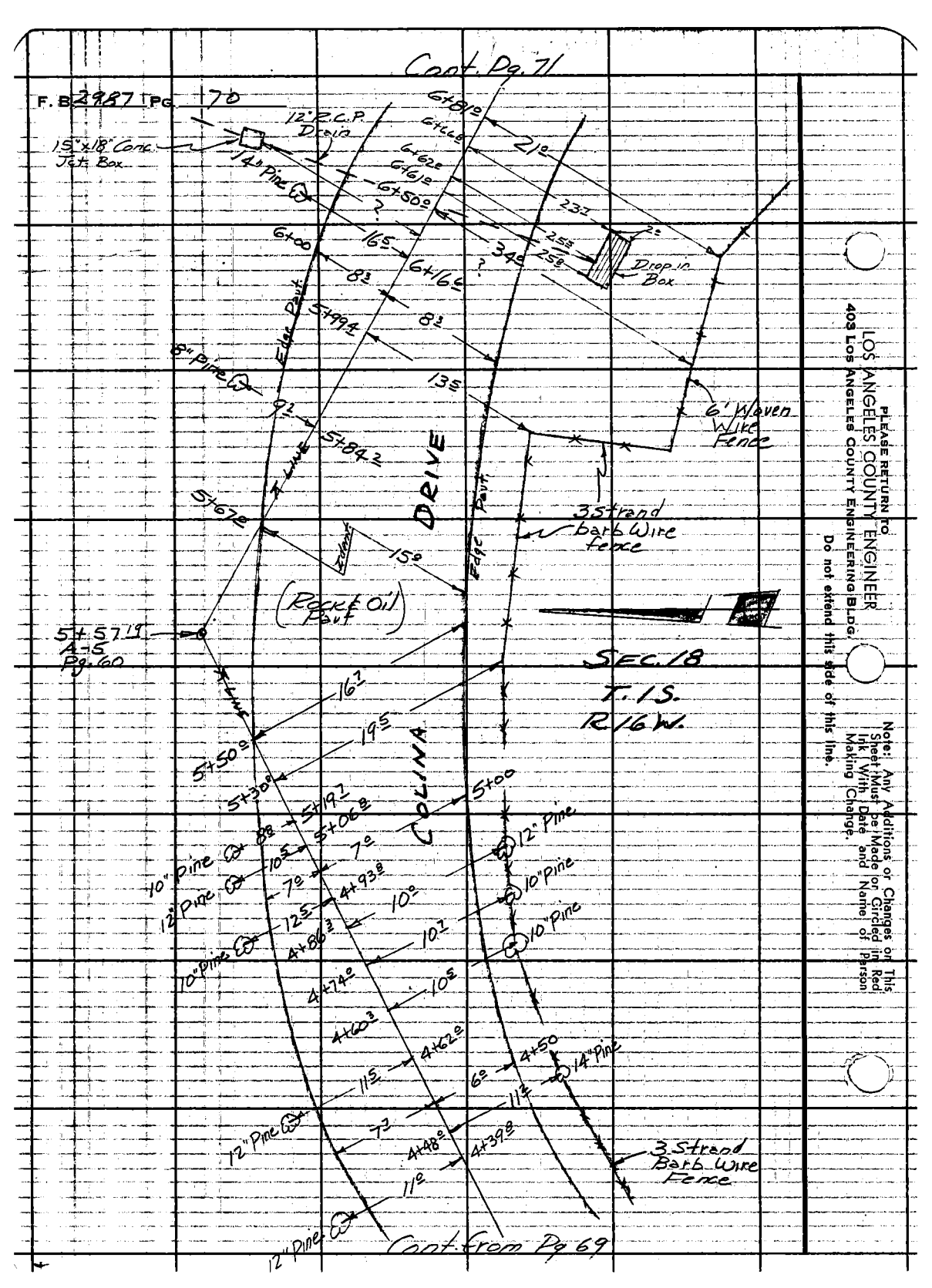
76F3096 CE # 310 3-61

Cont. Pg. 71

F. B. 2987 Pg. 70



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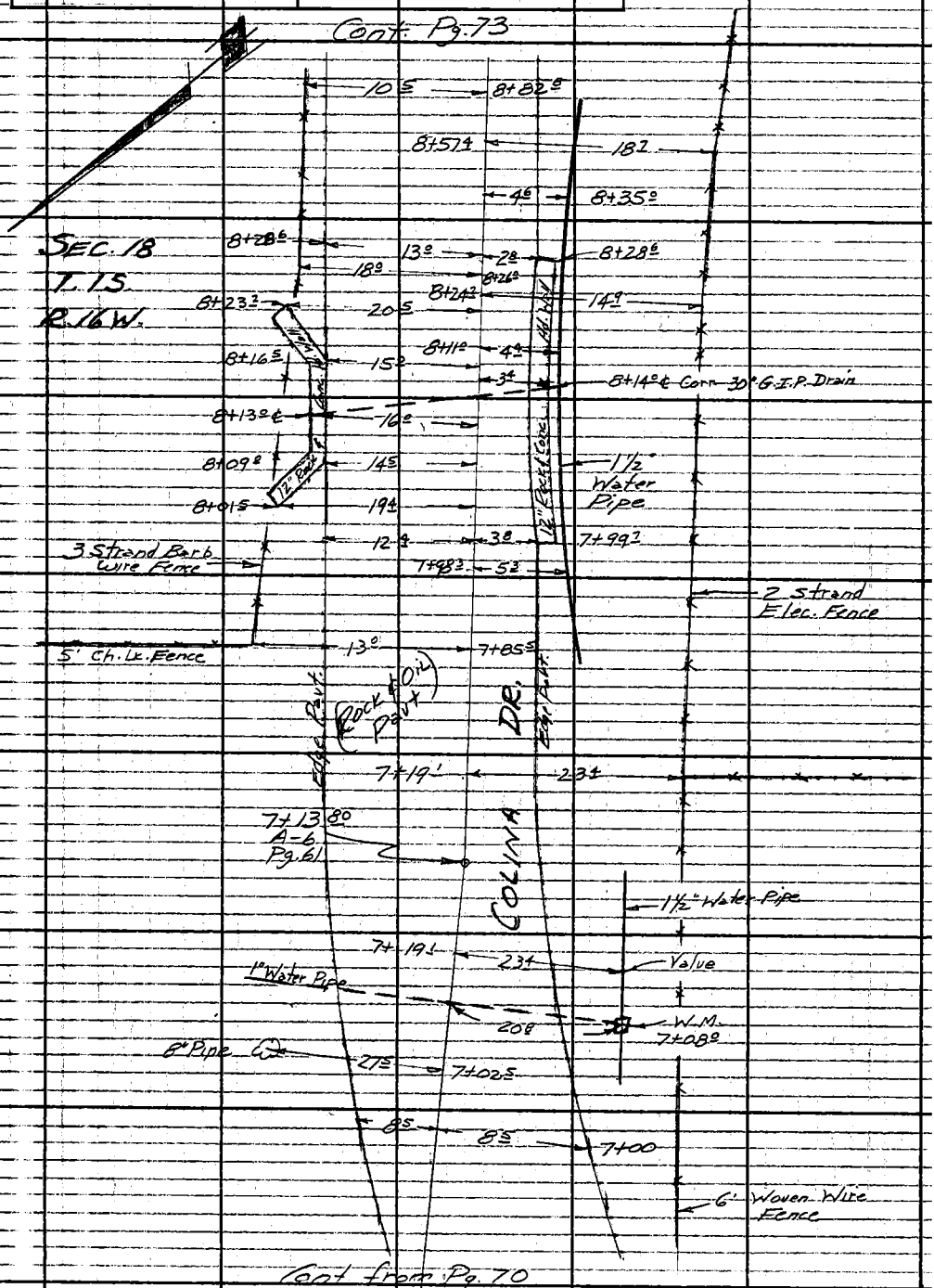
Notes Ck'd by	Survey of COLINA DR.	F. B. 2987 PG. 71
Map No. 106-54	JN 2215.14 Tape Std °F	
Office Work L. C. THOMPSON	Surveyed by R. C. Bowers	
Checked	Notes R.C.B. Date 12/62	
Date	Indexed C. J. GALLI	



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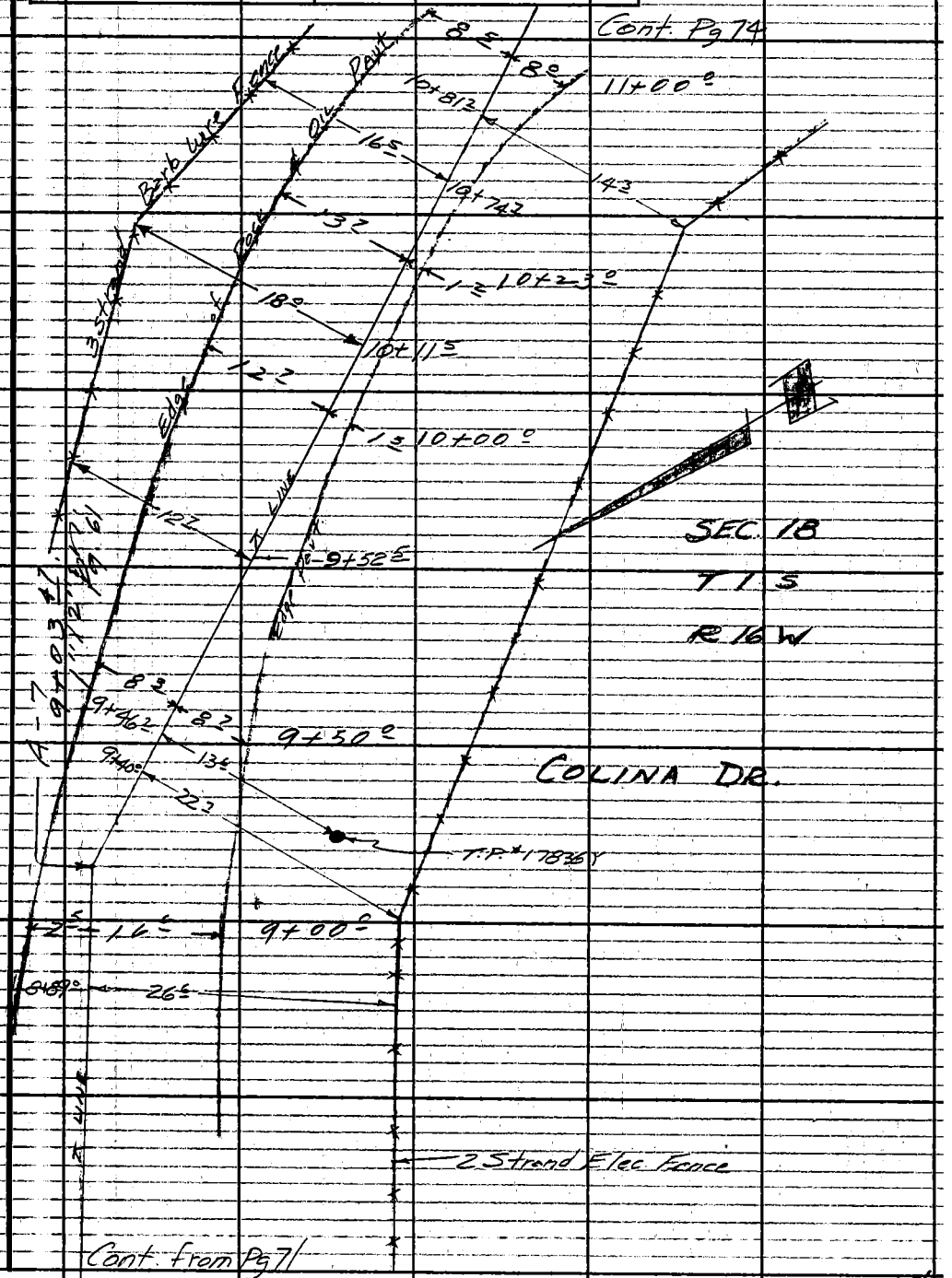
F. B 22877 PG. 72

Notes Ck'd by
Map No. 106-54
Office Work L. C. THOMPSON
Checked
Date

Survey of COLINA DR.
J.N. 2215.14 Tape Std °F
Surveyed by E.C. BOWERS
Notes SAILER Date 12/62
Indexed E. J. GALLI

F. B. 2987 PG. 73



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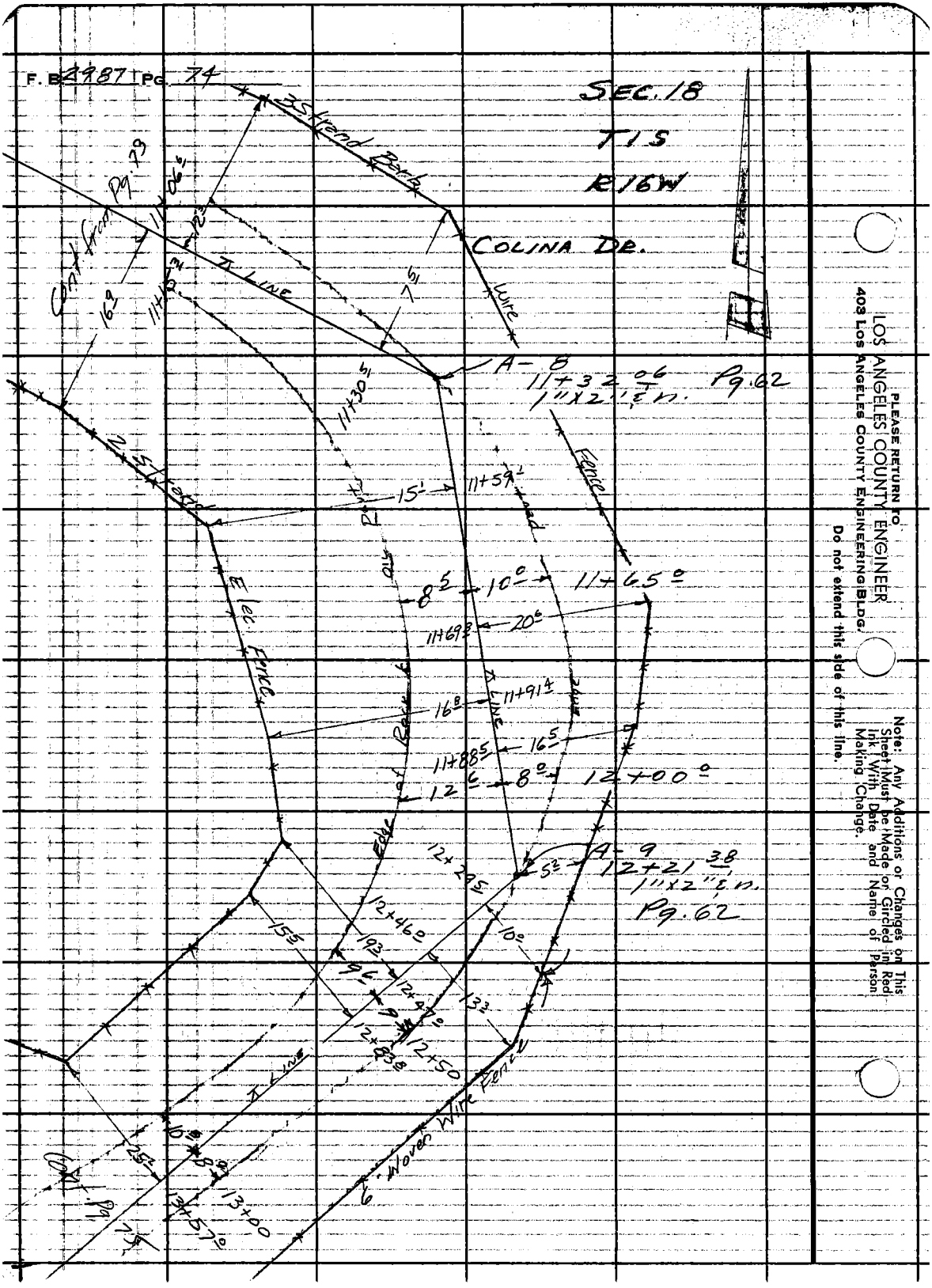
76F3095 CE # 319 3-61


F. B. 2987 PG. 74
SEC. 18
T1S
R16W
COLINA DR.
3 Strand Barb
Wire
Fence
Cont from Pg. 73
A-8
11+32.06
1"x2" E.n.
Pg. 62
11+30.5
11+59.1
15.1
11+65.0
8.5
10.0
20.6
11+69.3
11+91.4
16.8
16.5
11+88.5
8.0
12+00.0
12.6
A-9
12+21.38
1"x2" E.n.
Pg. 62
12+29.5
5.2
12+46.0
10.0
15.5
19.3
9.6
12+47.0
13.3
12+83.8
12+50
6" Woven Wire Fence
Elec. Fence
Edge of Rock
Cont. Pg. 75
13+00
13+57.0
25.2
10.8
8.8
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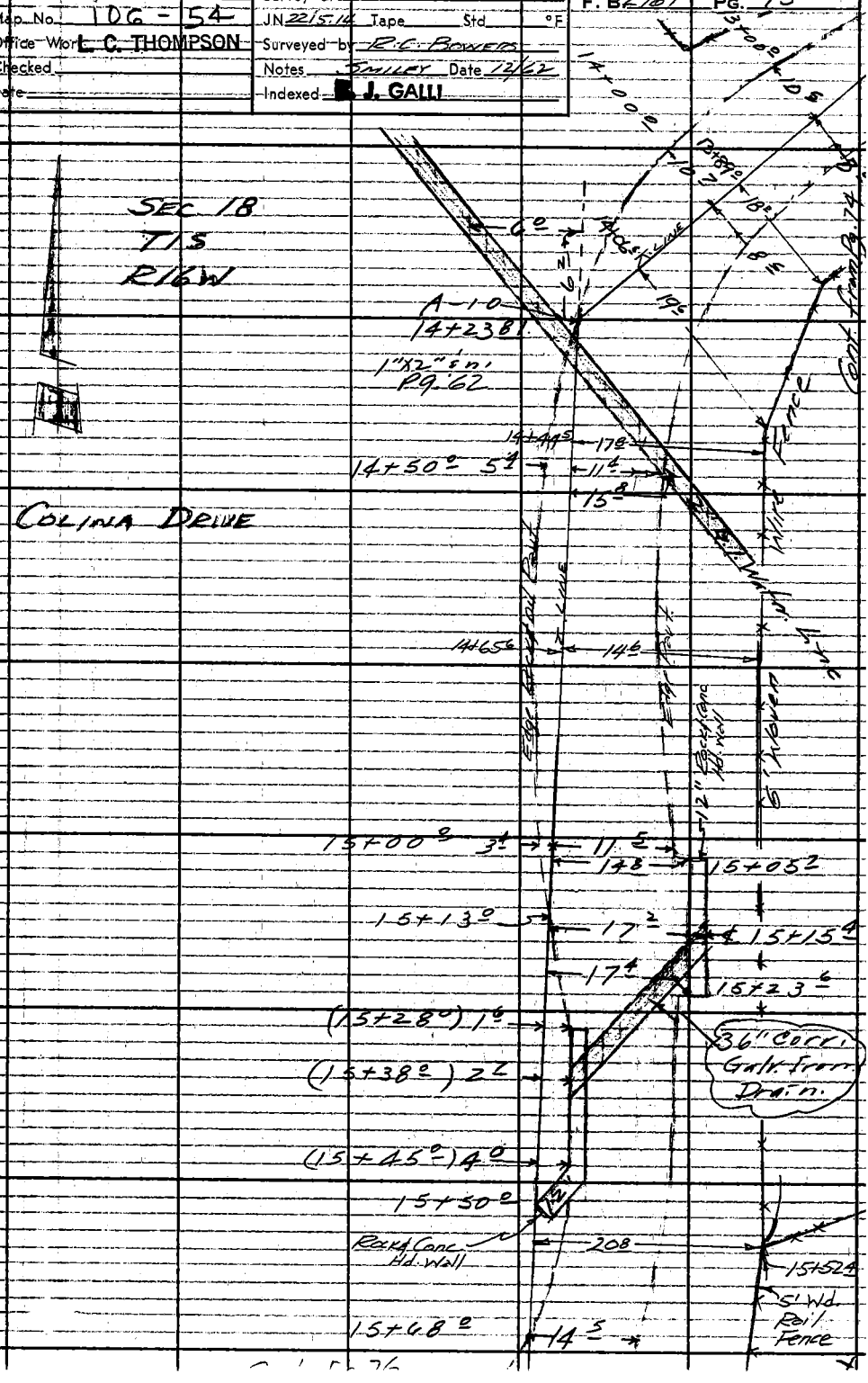
Notes Ck'd by	Survey of COLINA DR.	F. B 2987 PG. 75
Map No. 106 - 54	JN 22/5.14 Tape Std °F	
Office Work L. C. THOMPSON	Surveyed by R.C. BOWERS	
Checked	Notes SMILEY Date 12/62	
Date	Indexed J. GALLI	



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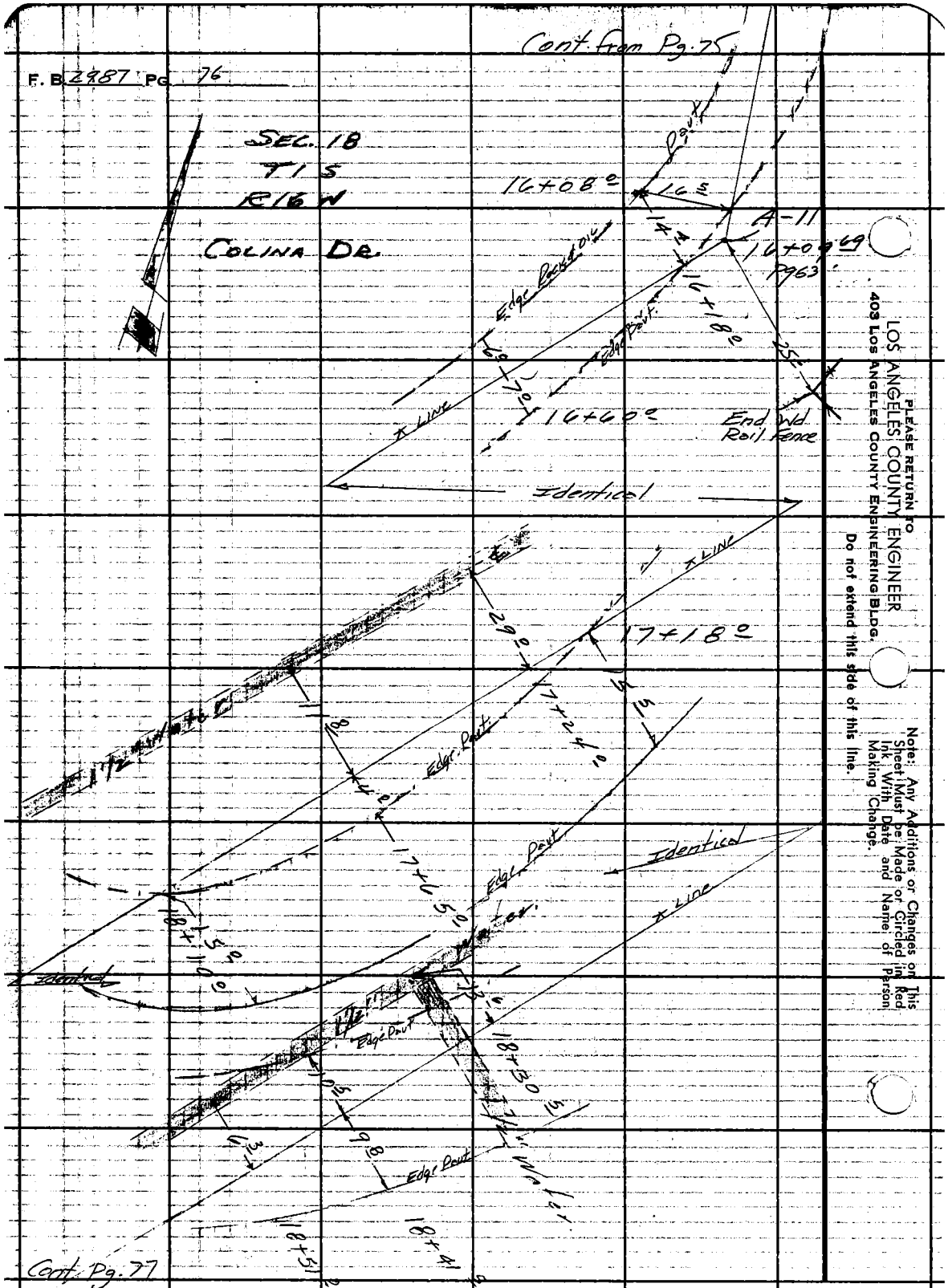
76F3095 CE # 310 3-61

F. B. 2987 Pg. 76



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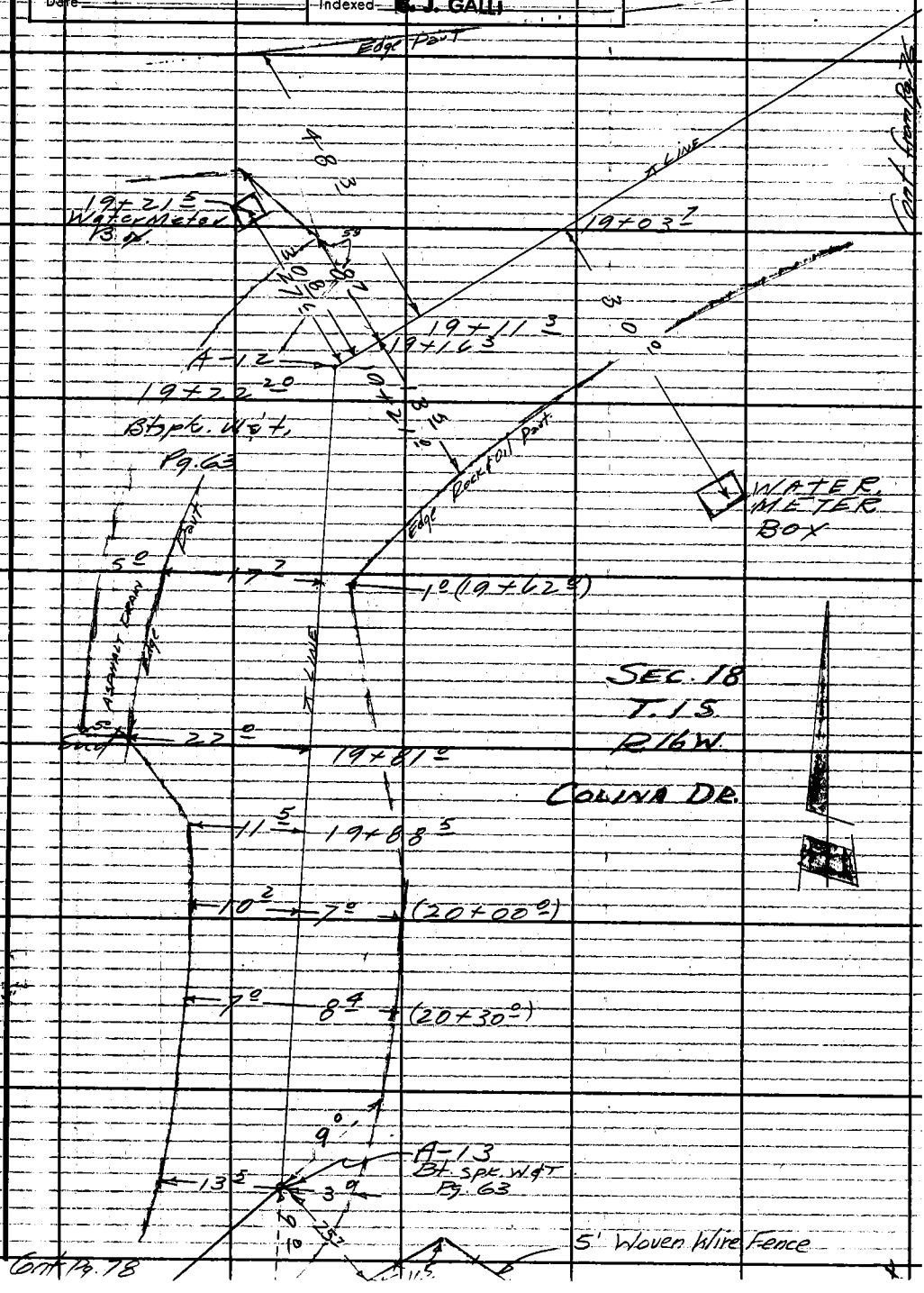
Notes Ck'd by	Survey of Colina Dr.	F. B. 2987 Pg. 77
Map No. 106-54	JN 2215.14 Tape Std °F	
Office Work L. C. THOMPSON	Surveyed by R. C. Bowers	
Checked	Notes Smiley Date 12/62	
Date	Indexed R. J. GALLI	



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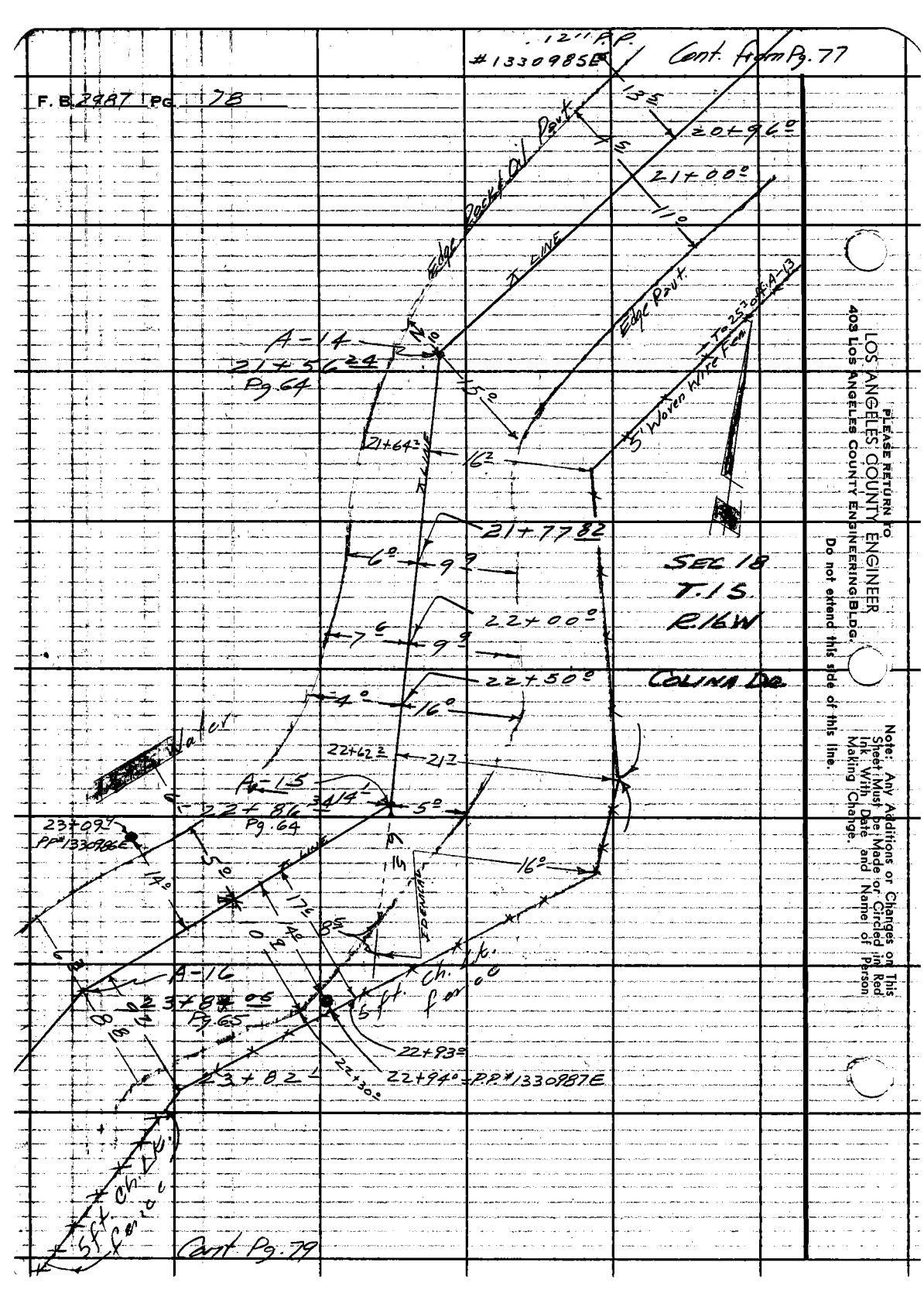
76F309S CE # 310 3-61

F. B. 2987 Pg. 78

12" A.P. #1330985E

Cont. From Pg. 77



Cont. Pg. 79

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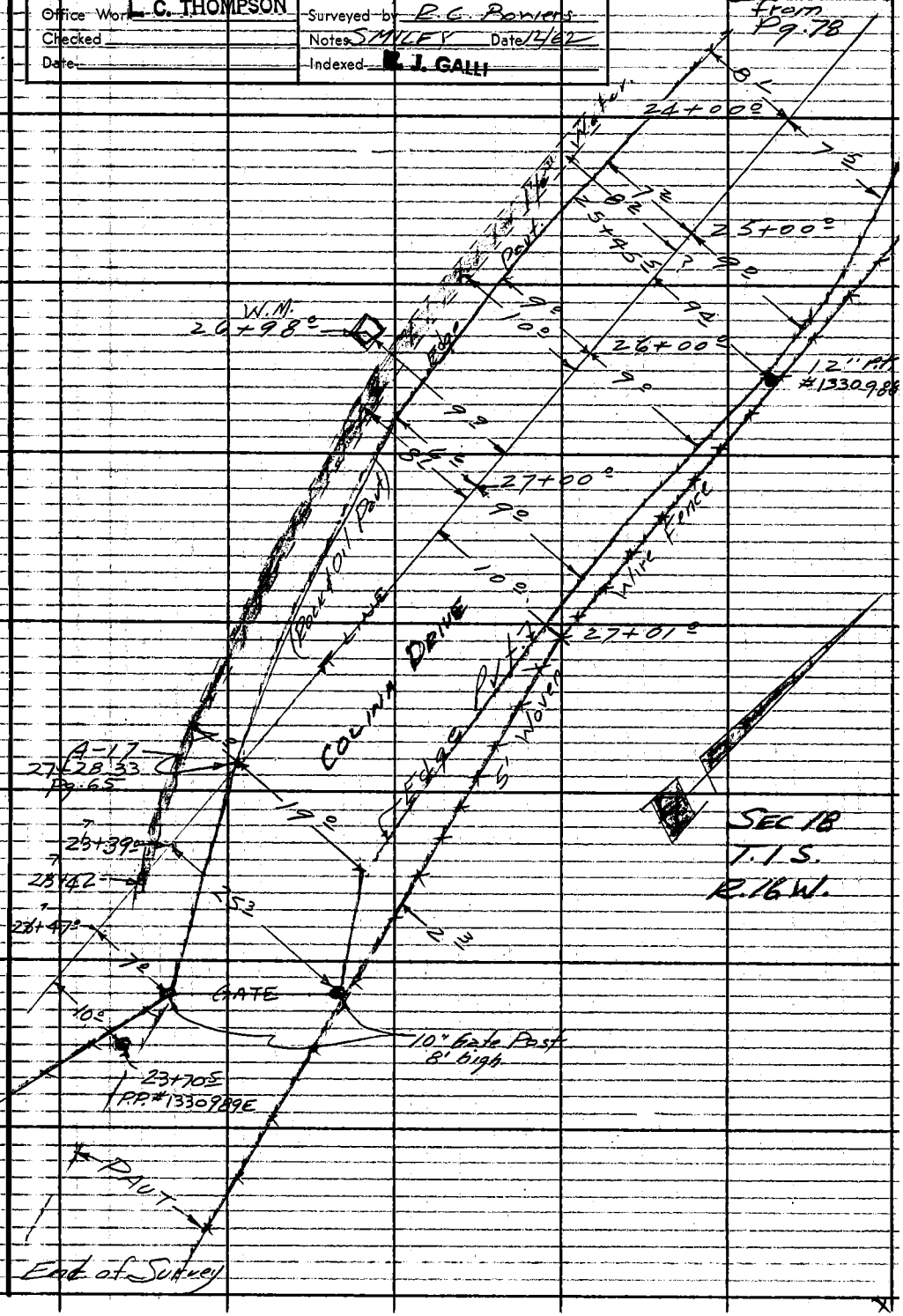
Checked
Date

Survey of COLINA Dr.
JN 22715.14 Tape Std °F
Surveyed by R. C. Bowers
Notes SMILEY Date 1/62
Indexed L. J. GALLI

F. B. 2987 Pg. 79

Cont. from Pg. 78



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F. B. 2967 Pg. 30

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DRIVE, SEC. 18, T.1S.		
T.B.M.				1000 000	T.B.M. set Bt. spk, W & T in Top of Root Crown		
	2503	1002 503			in 36" Oak Tree., Sta. 0+42.1 on ⊼ Line &		
					9° Lt. Assume Elev. = 1000.000		
					Lt.	⊼L	Rt.
A-1 0+00			8 66	993 84		⊼L	
			8 9	93 6			6.5 Edge Pavt.
			9 0	93 5			12.1 Top Brk.
			8 47	94 03	6.5 Edge Pavt.		
			8 2	94 3	10° Bot Brk		
			3 1	99 4	17.5 Top "		
A-2 +19 39			7 26	95 24		⊼L	
			7 15	95 35			10.5 Edge Pavt
			7 5	95 0			18° Top Brk.
			7 42	95 08	1.7 Edge Pavt.		
			7 0	95 5	5° Bot. Brk		
			4 4	98 1	8° Top "		
+75°			5 26	97 24			3° Edge Pavt.
			5 74	96 76			6° Top Conc. Hd. Wall
			7 69	94 81			6° F.L., 12" G.I.P.
+76.4			5 24	97 26	8° Edge Pavt.		
			12 30	990 20	27° F.L., 12" G.I.P.		

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ F.B. 2987 Pg. 81
No. ____ Date ____ Date ____ Survey of Colina Drive
X-Sec. Notes Chkd. Miller Checked ____ Survey by R.C. Powers Notes R.C.B. Date 12/62
No. ____ Date Dec. 1962 Date ____ Map No. ____ Indexed E. J. GALLI Date DEC 27 '62

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	COLINA DR., SEC. 18, T. 1 S. R. 16 W. LT	TL	RT.
1+00		1002 503	4 40	998 10 ✓		TL	
			4 62	97 88 ✓			9° Edge Pavt.
			4 6	97 9 ✓			11° Top Brk
			4 44	98 06 ✓	3° Edge Pavt.		
			4 7	997 8 ✓	8° Bot. Brk		
T.P.			0 080	1002 423 ✓			
	10 532	1012 955 ✓					
1+75			8 70	1004 ~~23~~ 26		TL	
			8 37	04 59 ✓			8⁵ Edge Pavt.
			7 8	05 2 ✓			10⁵ Edge Brk.
			8 84	04 12 ✓	4⁵ Edge Pavt.		
			8 9	04 1 ✓	8⁵ Bot. Brk.		
			7 1	05 9 ✓	12⁵ Top "		
2+00			5 87	07 09 ✓		TL	
			5 78	07 18 ✓			7⁷ Edge Pavt.
			5 7	07 3 ✓			10⁵ Top Brk
			6 30	06 66 ✓	7² Edge Pavt.		
			6 2	06 8 ✓	9⁸ Bot. Brk		
			5 7	07 3 ✓	11⁸ Top "		
T.P.			0 111	1012 844 ✓			
	11 483	1024 327 ✓					

F. B. 2987 PG. 82

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of Colina Drive Date ____ Date ____ No. ____

Survey by R.C. Bowers Notes R.C.B. Notes Chkd. ____ Checked ____ X-Sec. ____

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

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR., SEC. 18, T.1S., R16W. Lt.	TL Rt.
A-3 2+56 51		1024 327 ✓	10 "	1014 22 ✓		TL = Edge Pavt.
			10 1	14 2 ✓		2° Rt. Top Brk.
			9 9 8	14 35 ✓	15° Lt. Edge Pavt	
			10 3	14 0 ✓	19° " Bot. brk	
			9 4	14 9 ✓	21° Top brk.	
2+81°			6 76	17 ~~66~~ 57 ✓		9° Rt. Ctr. Pavt.
3+00			3 95	20 38 ✓		17 5 " "
3+25			0 59	23 74 ✓		13° " "
T.P.			0 079	1024 248 ✓		
	10 838	1035 086 ✓				
3+56°			9 00	1026 09 ✓	9° Ctr. Pavt.	
4+00			6 14	28 95 ✓		2° " "
4+50			3 30	31 79 ✓	0 5 " "	
T.P.			0 112	1034 974 ✓		
	11 180	1046 154 ✓				
5+00			9 16	1036 99 ✓		TL = CTR. Pavt.
5+50			3 85	42 30 ✓		7 5 " "
T.P.			0 079	1046 075 ✓		
	11 379	1057 454 ✓				
6+00			10 40	1047 05 ✓		TL = " "

Profile Notes Red ____ Plotted ____ Job No. 22/5.14 Division No. ____ F.B. 2987 Pg. 83
No. ____ Date ____ Date ____ Survey of Colina Dr.
X-Sec. Notes Chkd. Miller Checked ____ Survey by R.C. Bowers Notes R.C.B. Date 12/62
No. ____ Date Dec. 1962 Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR., SEC. 18, T.1S. R.16W. Lt.	TL Rt.
		1057 454 ✓				
6+34 3			8 63	1048 82 ✓	25° F.L. 12" R.C.P.	
6+48 1			5 52	51 93 ✓	4 5 Ctr. Pavt.	
6+62°			4 57	52 88 ✓		25 5 Top Drop in Box
			6 38	51 07 ✓		" F.L. 12" R.C.P.
6+60			4 62	52 83 ✓	3° " "	
7+00			3 22	54 23 ✓		TL= Ctr. Pavt.
4-6 7+08			3 68	1053 77 ✓		TL on Top Water Pipe
7+13.80			3 19	54 26 ✓		TL=
7+37°			4 15	53 30 ✓		TL = " "
T.B.M.			12 289	1045 165 ✓	T.B.M. set Cut □ in E. End of rock headwall on	
	3 335	1048 500 ✓			so. side of Colina Drive = 8+28°	
			0 56	1047 94 ✓		
7+98 3			1 76	46 74 ✓		3 8 Top Hd. Wall
						5 3 Top 1½" Water Pipe
8+01 5			1 01	47 49 ✓	19 4 Top Hd. wall	
8+13°			2 21	46 29 ✓	15° Edge Pavt.	
			5 42	43 08 ✓	16° F.L. 30" G.I.P.	
8+14°			1 84	46 66 ✓		2 4 Edge Pavt.
			8 35	40 15 ✓		3 4 F.L. 30" G.I.P.
8+23 2			0 67	47 83 ✓	20 5 Top Hd. Wall	
8+28 6			3 34	45 16 ✓		2 8 Top Hd. Wall
8+35°			4 21	44 29 ✓		4 6 Top 1½" Water Pipe

F.B. 2987 PG 84

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of COLINA DR. Date ____ Date ____ No. ____

Survey by R.C. Bowers Notes R.C.B. Notes Chkd. ____ Checked ____ X-Sec.

Indexed G. J. GALLI Date ____ Date ____ No. ____

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Profile Notes Red ____ Plotted ____ Job No. 22514 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of Colina Dr.
No. ____ Notes Chkd Miller Checked ____ Survey by R.C. Bowers Notes R.C.B. Date 12/62
Date Dec. 1962 Date ____ Map No. ____ Indexed R. J. GALLI Date ____

F. B. 2987 Pgs 85

STATION	B. S.	H. I.	F. S.	ELEV.	Colina Dr. Sec. 18, T. 1 S. R. 16 W.	
		1048.500 ✓			Lt	Rt
9+00			7.81	1040.69 ✓		9 Ctr. Pavt.
T.P.			11.785	1036.715 ✓		
	0.081	1036.796 ✓				
10+00			5.90	1030.90 ✓	6 Ctr. Pavt.	
T.P.			12.172	1024.624 ✓		
	0.178	1024.802 ✓				
11+00			2.96	1021.84 ✓		Ctr. Pavt.
1+19			4.87	1019.93 ✓		6 " "
1+57			9.95	1014.85 ✓		0 " "
T.P.			11.939	1012.863 ✓		
	0.265	1013.128 ✓				
2+05			6.11	1007.02 ✓		3 " "
2+48			11.82	1001.31 ✓		1 " "
T.P.			12.069	1001.059 ✓		
	0.644	1001.703 ✓				
13+00			10.85	990.85 ✓	1 Ctr. Pavt.	
T.P.			12.175	989.528 ✓		
	0.205	989.733 ✓				
13+45			7.00	982.73 ✓		1 " "
T.P.			12.248	977.485 ✓		

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COLINA DR. - SEC. 18, T.1S. R.16W.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt.	TL	Rt
T.P.				977 485 ✓			
	0 530	978 015 ✓					
14+00			4 60	73 42 ✓		TL =	Ctr. Pavt.
6° North of A-10			8 54	69 48 ✓			6° Top 2" Water line
14+50			12 81	65 21 ✓	15° Top 2" Water line		
T.P.			11 815	966 200 ✓			
	0 756	966 956 ✓					
15+05 1			10 80	56 16 ✓	14° Top Hd. Wall		
15+12°			10 99	55 97 ✓	7° Ctr. Pavt		
T.P.			11 990	954 966 ✓			
	1 908	956 874 ✓					
15+15 4			1 91	54 96 ✓	16° Edge Pavt.		
			7 30	49 57 ✓	17° F.L. 36" G.I.P.		
15+23 6			3 04	53 83 ✓	17° Top Hd. wall		
15+28°			3 58	53 29 ✓	1° Top " "		~~1° Top Hd. wall~~
15+38°			4 20	52 67 ✓	3° Edge Pavt		~~3° Edge Pavt.~~
			10 29	46 58 ✓	2° F.L. 36" G.I.P		~~2° F.L. 36" G.I.P~~
15+45°			4 88	51 99 ✓	4° Top Hd. wall		
T.P.			4 197	952 677 ✓			
	0 655	953 332 ✓					
15+45°			1 19	952 14 ✓	10° Ctr. Pavt.		

F.B. 2987 PG 86

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of COLINA DR. Date ____ Date ____ No. ____

Survey by R.C. BOWERS Notes R.C.B. Notes Chkd. ____ Checked ____ X-Sec. ____

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

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR. SEC. 18	T.1S. R16W.
		953.332 ✓			Lt.	TL Rt.
A-11 16+09.69			4.20	949.13 ✓	(90° to line Ahd.)	TL
			4.26	49.07 ✓		1° Edge Pavt.
			4.40	48.93 ✓		15° " "
			4.6	48.7 ✓		20° Top brk
16+50			5.14	48.19 ✓		TL
			5.26	48.07 ✓		9° Edge Pavt.
			5.6	47.7 ✓		20° Top Brk
			7.8	45.5 ✓		25° Bot. "
17+00			7.35	45.98 ✓	4° Ctr. Pavt.	
			7.49	45.84 ✓		2° Edge Pavt.
			7.7	45.6 ✓		17° Top Brk
			10.7	42.6 ✓		36° Bot "
17+25			8.73	44.60 ✓	1.5 Edge Pavt.	
			8.8	44.5 ✓		8° Top Brk
			9.8	43.5 ✓		9.5 Bot Brk
			10.72	42.61 ✓		20° Bot Wash = Top Water Pipe
			9.6	43.7 ✓		30°
			9.0	44.3 ✓		34° Toe Slope
17+50			9.87	43.46 ✓	4.5 Edge Pavt.	
			9.45	943.88 ✓	10.5 Ctr. Pavt.	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
No. ____ Date ____ Date ____ Survey of COLINA DR.
X-Sec. Notes Chkd. Miller Checked ____ Survey by R.C. Bowers Notes R.C.B. Date 12/62
No. ____ Date Dec. 1962 Date ____ Map No. ____ Indexed E. J. GALLI Date ____

F.B. 2987 Pg 87

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Do not extend notes this side of this line.

B

STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR. SEC. 18, T.1S. R16W. Lt	TL Rt
17+50		953 332	10 0	943 3		TL = Gr. Brk
			11 5	41 8		15° Bot Wash = Toe Slope
			8 1	45 2		19° Top Brk
			7 3	46 0		32° Bot. 6' Cut
18+00			12 15	41 18		TL = Edge Pavt.
			11 96	41 37	8° Ctr. Pavt.	
			11 8	41 5		8° Top Brk
			13 0	40 3		13° Bot. Wash
			10 2	43 1		20° Gr. Brk
			3 0	50 3		34° Top Brk
			2 8	50 5		44° Bot 7' Cut
18+30.5			13 27	40 06		TL
			14 20	39 13		13.6 Top 1½" Water/l @ Toe
T.P.			11 445	941 887		
	0 617	942 504				
18+41.5			2 78	39 72		TL
			3 06	39 44		10° Edge Pavt.
			2 85	39 65		10.5 Top Pavt. Berm
			3 4	39 1		17° Bot. Wash
			0 8	41 7		25° Gr. Brk
			+11 7	954 2		43.3 Top Brk

F.B. 2987 PG. 88

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of COLINA DR. Date ____ Date ____ No. ____

Survey by R. Powell Notes R.C.B. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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B

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR. SEC 18, T.1 S. R.16 W. Lt.	TL	Rt
		942.504 ✓					
18+51°			3.52	938.98 ✓			16.3 Top Water Pipe
18+75			3.89	38.61 ✓		TL	
			3.38	39.12 ✓			28° Edge Pavt
			2.93	39.57 ✓			29° Top Pavt. Berm
			+16.6	59.1 ✓			66.6 Top Brk
19+11.3			2.64	39.86 ✓			48.3 Edge Pavt.
			2.10	40.40 ✓			49° Top Pavt Berm
			+3.6	46.1 ✓			56° Top brk.
9+11.3			5.57	36.93 ✓	pick up →	TL	
			2.74	39.76 ✓	" " →		30° Gr. brk. in pavt.
9+21°			2.62	39.88 ✓			30.8 Edge Pavt.
9+21.5			3.89	38.61 ✓			27.6 Top Water Pipe @ W.M.
9+16.3			5.08	37.42 ✓	pick up →		8.7 Cor Pavt.
9+62°			7.69	34.81 ✓		TL	
			8.88	33.62 ✓			20.2 Ctr. Drain
			8.60	33.90 ✓			22.7 Edge "
19+81			10.23	32.27 ✓			24.5 Ctr. Drain
20+00			9.10	33.40 ✓			15 Ctr. Pavt.
T.P.			12.218	930.286 ✓			
x	0.413	930.699 ✓					

Profile No. ____ Notes Red ____ Plotted ____ Job No. 22 15.14 Division No. ____
Date ____ Date ____ Survey of COLINA DR.
X-Sec. No. ____ Notes Chkd Miller Checked ____ Survey by R.C. Bowers Notes R.C.B. Date 12/62
Date Dec. 1962 Date ____ Map No. ____ Indexed J. GALLI Date ____

F.B. 2987 Pg. 89

76-L298 CE 307 3-61

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B

STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR. SEC. 18, T. 1 S. R. 16 W. Lt	TL	Rt.
		930 699 ✓					
21+00			0 81	929 89 ✓	3 3 Ctr. Pavt.		
A-14							
21+56.24			3 92	926 78 ✓	8 5 " " @90° to line Abd.		
			11 834	918 865 ✓			
	0 030	918 895 ✓					
A-15							
22+86.34			11 20	907 70 ✓			5 0 Ctr. Pavt (90° to line b
T.B.M.			10 620	908 275 ✓	T.B.M Set Bt. spk ft in P.P. # 1330986 E		
	0 070	908 345 ✓			on W'ly side of Colina Dr, Sta. 23+10±,		13' Rt
23+20			3 10	905 25 ✓	3 1 Ctr. Pavt.		
			3 70	904 65 ✓			10 1 Top Water line
A-16							
23+84.05			6 82	901 53 ✓	1 3 Ctr. Pavt. (90° to back line)		
T.P.			12 125	896 220 ✓			
	0 477	896 697 ✓					
25+00			1 61	895 09 ✓	1 1 Ctr. Pavt.		
26+00			7 61	889 09 ✓			TL = Ctr. Pavt.
T.P.			11 614	885 083 ✓			
	1 138	886 221 ✓					
26+98°			5.24	880 97 ✓			9 2 Top Water Line
27+00			4.12	882 10 ✓	1 2 ctr Pavt		
27+28.33			7.39	878 83 ✓			4° Top Water Pipe @ A
27+28.33			6.19	880 03 ✓	9 5 ctr. Pavt.		

F.B. 2987 PG. 90

Job No. 221514 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of Colina Dr. Date ____ Date ____ No. ____

Survey by R.C. Bowers Notes R.C.B. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed R. B. GALLI Date ____ Date ____ No. ____

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Profile Notes Red. Plotted Job No. 2215, M Division No.
No. X-Sec. Date Date Survey of COLINA DR.
No. Notes Chkd. Miller Checked Survey by R.C. BOWERS Notes R. DAVIS Date 12/62
Date Dec. 1962 Date Map No. Indexed E. J. CAHI Date

F. B. 2987 PG. 91

COLINA DR., SEC. 18, T.1S., R.16W.

STATION	+ B.S.	℄ H.I.	− F.S.	ELEV.	
		886.221			
T.B.M.			7.563	878.658	TBM Set 3" Bt Spk in P.P. # 1330989E ON ELY SIDE OF
	11.509	890.167			P.P. WLY SIDE COLINA DR. 43'± SLY OF A-17
T.P.			5.077	885.090	
	11.842	896.932			
T.P.			0.708	896.224	
	11.599	907.823			
T.P.			0.043	907.780	
	12.264	920.044			
T.P.			1.176	918.868	
	12.176	931.044			
T.P.			0.759	930.285	
	12.312	942.597			
T.P.			0.711	941.886	
	11.648	953.534			
T.P.			0.849	952.685	
	12.301	964.986			
T.P.			0.099	964.887	
	11.928	976.815			
T.P.			0.048	976.767	
	11.570	988.337			

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR. SEC. 18, T.1 S., R.16 W.
		988.337 ✓			
T.P.			0.058	988.279 ✓	
	12.204	1000.483 ✓			
T.P.			0.053	1000.430 ✓	
	12.142	1012.572 ✓			
T.P.			0.010	1012.562 ✓	
	12.172	1024.734 ✓			
T.P.			0.095	1024.639 ✓	
	11.299	1035.938 ✓			
T.P.			0.048	1035.890 ✓	
	11.309	1047.199 ✓			
T.B.M.			2.008	1045.191 ✓	T.B.M. Fd. CUT "□" IN E. END OF ROCK HEADWALL.
	11.766	1056.957 ✓			SO. SIDE COLINIA DR. = 8+28°
T.P.			10.852	1046.105 ✓	
	0.718	1046.823 ✓			
T.P.			11.830	1034.993 ✓	
	0.445	1035.438 ✓			
T.P.			11.171	1024.267 ✓	
	0.069	1024.336 ✓			
T.P.			11.478	1012.858 ✓	
	0.052	1012.910 ✓			

F.B. 2987 PG 92

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of COLINA DR. Date ____ Date ____ No. ____ X-Sec. ____

Survey by R.C. BOWERS Notes R.E. DOVER Notes Chkd. ____ Checked ____ No. ____

Indexed J. GALLI Date ____ Date ____ Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	COLINA DR., SEC. 18, T. 1 S., R. 16 W.
		1012.910 ✓			
T.P.			10.475	1002.435 ✓	
	0.611	1003.046 ✓			
T.B.M.			3.029	1000.017 ✓	T.B.M. Fd. Bt. spk w&T IN TOP OF ROOT CROWN IN 36" OAK TREE., STA 0+42.7 ON ⊼ LINE & 9° Lt. Assume Elev. = 1000.000

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ F.B. 2987 PG. 93
No. ____ Date ____ Date ____ Survey of COLINA DR.
X-Sec. Notes Chkd. N. Miller Checked ____ Survey by R.C. BOWERS Notes R. DOVER Date 12/62
No. ____ Date Dec. 1962 Date ____ Map No. ____ Indexed R. J. GALLI Date ____

F.B. 2987 PG. 94

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd: Checked X-Sec.

Indexed Date Date Date No.

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

76-L298 CE 307 3-61

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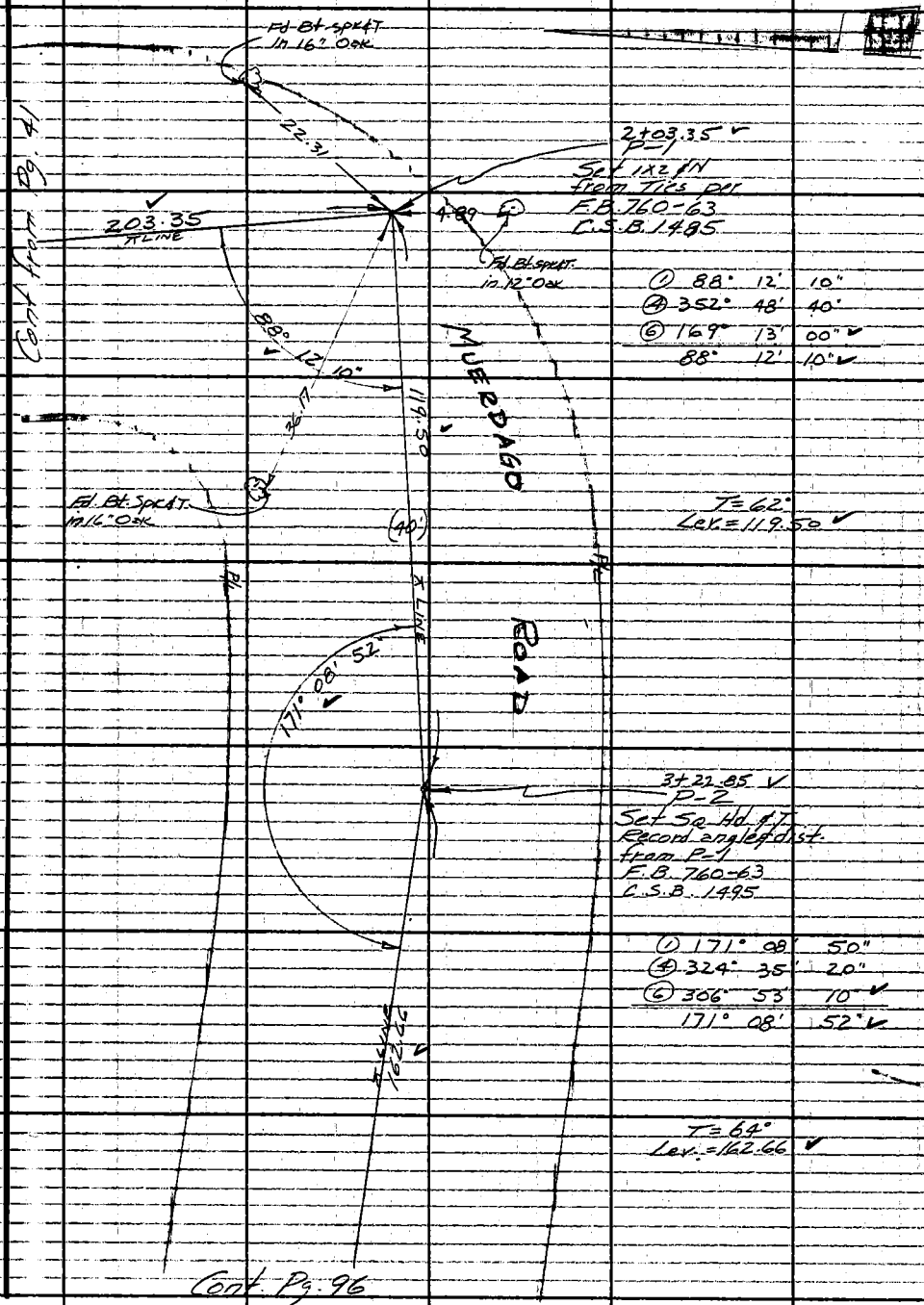
Notes Ck'd by	Survey of Muerdago Rd.	F. B. 2987 Pg. 95
Map No.	JN 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes R.C.B. Date 12/62	
Date	Indexed C. J. GALLI JAN 2 4 '63	

TRACT 7806



① 88° 12' 10"
④ 352° 48' 40"
⑥ 169° 13' 00"
88° 12' 10"

T = 62°
Lev. = 119.50

① 171° 08' 50"
④ 324° 35' 20"
⑥ 306° 53' 10"
171° 08' 52"

T = 64°
Lev. = 162.66

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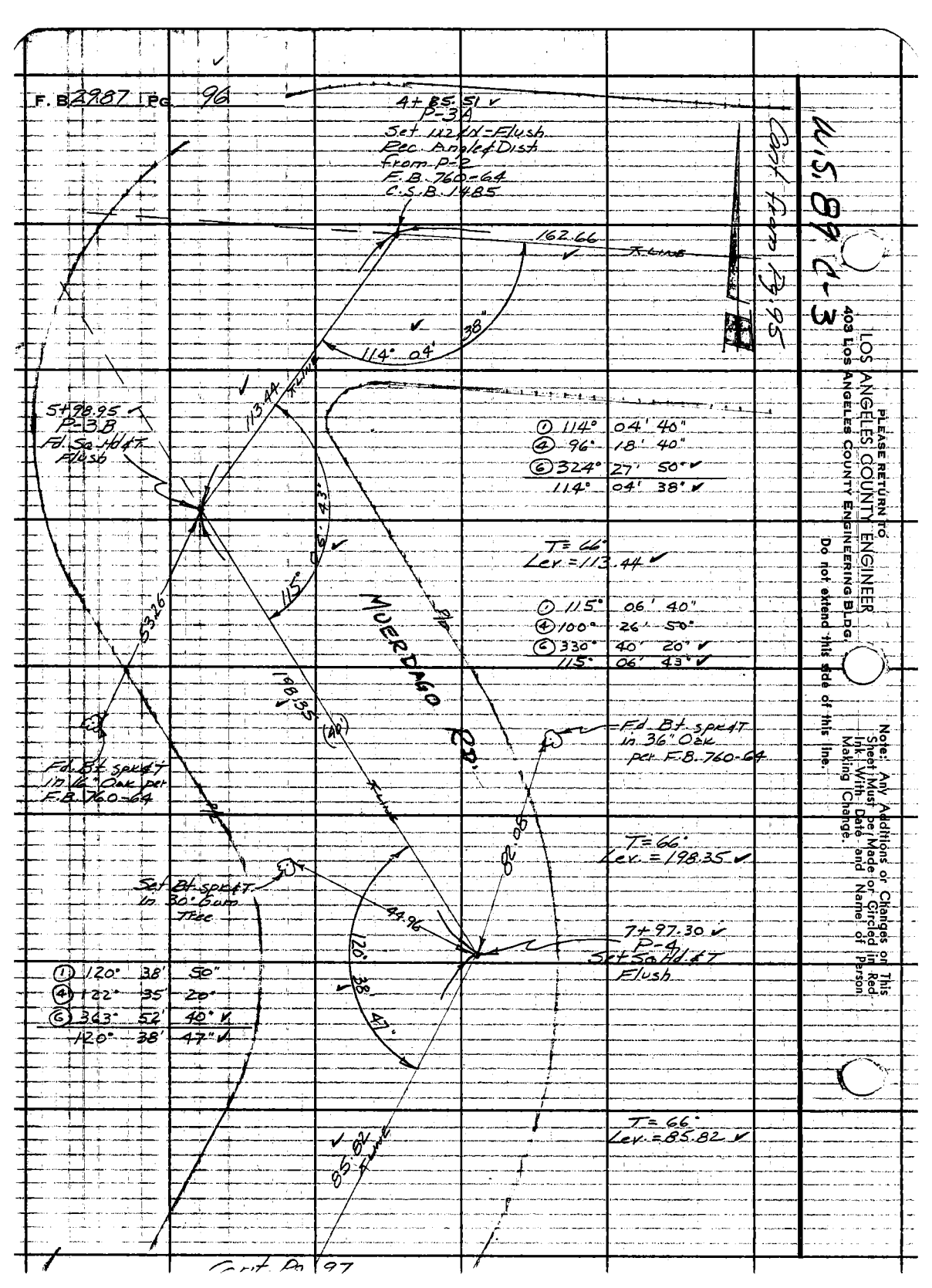
U.S. 89 C-3

76F3095 CE # 310 3-61

F. B. 2987 Pg. 96



① 114° 04' 40"
④ 96° 18' 40"
⑥ 324° 27' 50" ✓
114° 04' 38" ✓

① 115° 06' 40"
④ 100° 26' 50"
⑥ 330° 40' 20" ✓
115° 06' 43" ✓

① 120° 38' 50"
④ 122° 35' 20"
⑥ 363° 52' 40" ✓
120° 38' 47" ✓

M.S. 89 C1-3

Cont. from Pg. 95

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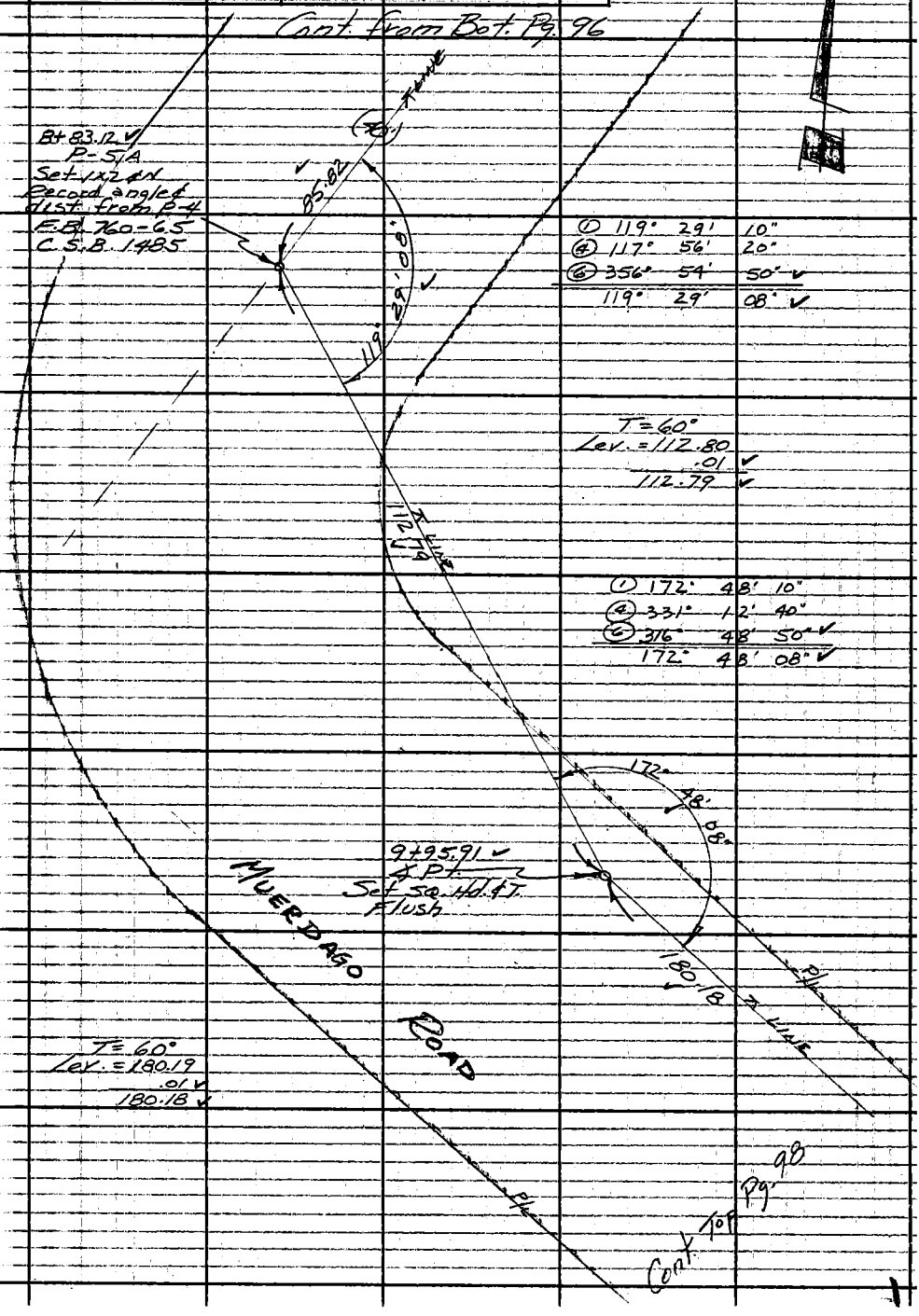
Notes Ck'd by	Survey of Muerdago Rd.	F. B. 2987 PG. 97
Map No.	JN 2215.14 Tape 0222 Std 68 °F	TRACT
Office Work	Surveyed by R.C. Bowers	7806
Checked	Notes R.C.B. Date 12/62	
Date	Indexed C. J. GALLI	

Cont. from Bot. Pg. 96



①	119°	29'	10"
④	117°	56'	20"
⑥	356°	54'	50" ✓
	119°	29'	08" ✓

T = 60°
Lev. = 112.80
.01 ✓
112.79 ✓

①	172°	48'	10"
④	331°	12'	40"
⑥	316°	48'	50" ✓
	172°	48'	08" ✓

T = 60°
Lev. = 180.19
.01 ✓
180.18 ✓

Cont. Top Pg. 98

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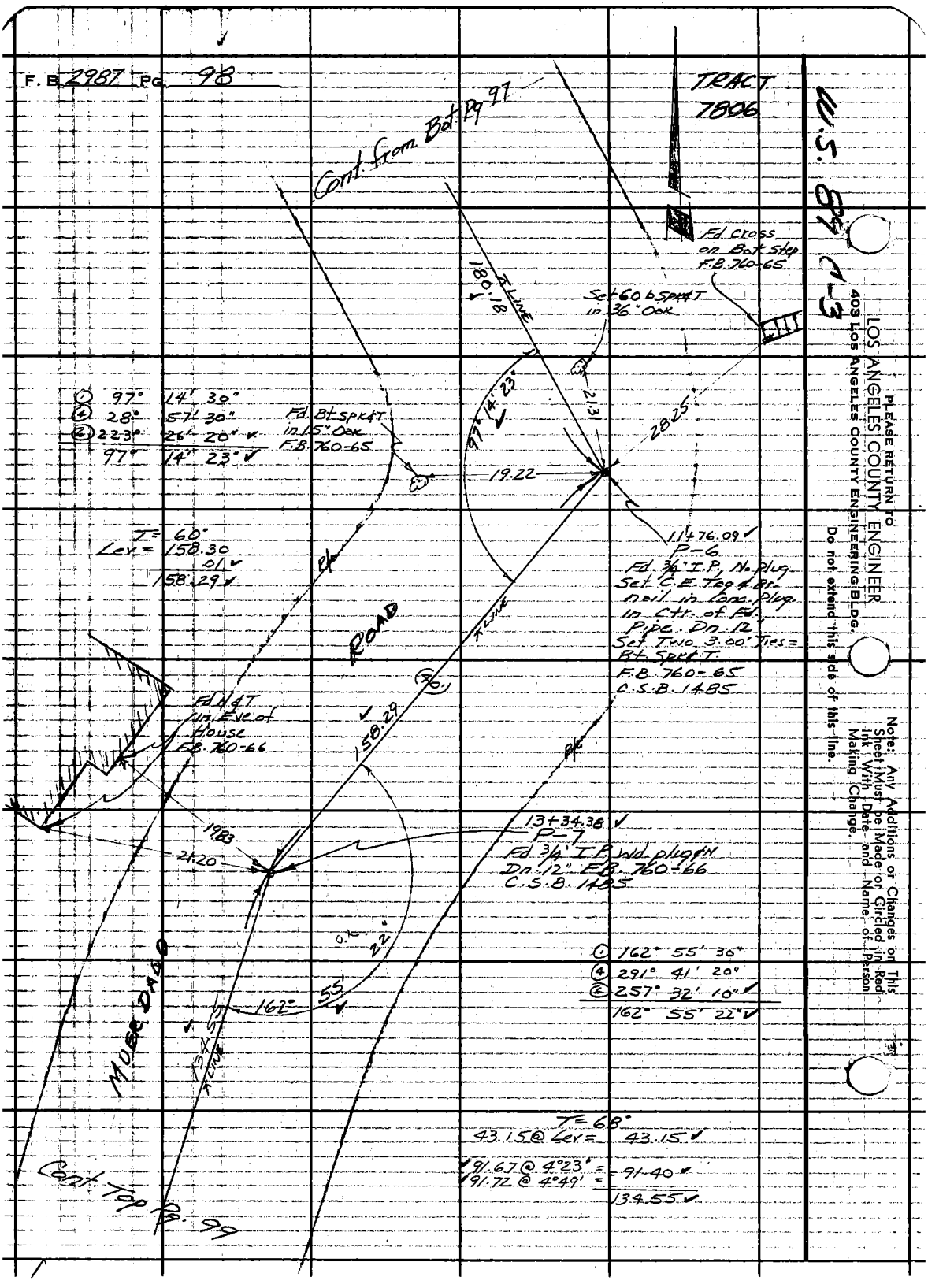
U.S. 84 C-3

76F3095 CE # 310 3-61


F. B. 2987 Pg. 98
TRACT 7806
W.S. 89 C-3
Cont. from Bot. Pg 97
Fd. Cross on Bot. Step F.B. 760-65
Set 60 b Spk&T in 36" Oak
180.18
℄ LINE
97° 14' 23"
21.31
28.25
19.22
① 97° 14' 30"
④ 28° 57' 30"
⑥ 223° 26' 20"
97° 14' 23"
Fd. Bt. Spk&T in 15" Oak F.B. 760-65
T = 60°
Lev = 158.30
.01
158.29
11+76.09
P-6
Fd. 3/4" I.P. No. plug Set C.E. Tag & Br. nail in Conc. plug in Ctr. of Fd. Pipe. Dn. 12 Set Two 3.00' Ties = Bt. Spk&T. F.B. 760-65 C.S.B. 1485
ROAD
℄ LINE
Fd. N&T in Eve of House F.B. 760-66
158.29
19.83
21.20
13+34.38
P-7
Fd. 3/4" I.P. Wd. plug&N Dn. 12" F.B. 760-66 C.S.B. 1485
O.K. 22"
162° 55'
134.55
℄ LINE
MUER DAGO
① 162° 55' 30"
④ 291° 41' 20"
⑥ 257° 32' 10"
162° 55' 22"
T = 68°
43.15 @ Lev = 43.15
91.67 @ 4°23' = 91.40
91.72 @ 4°49' =
134.55
Cont. Top Pg. 99
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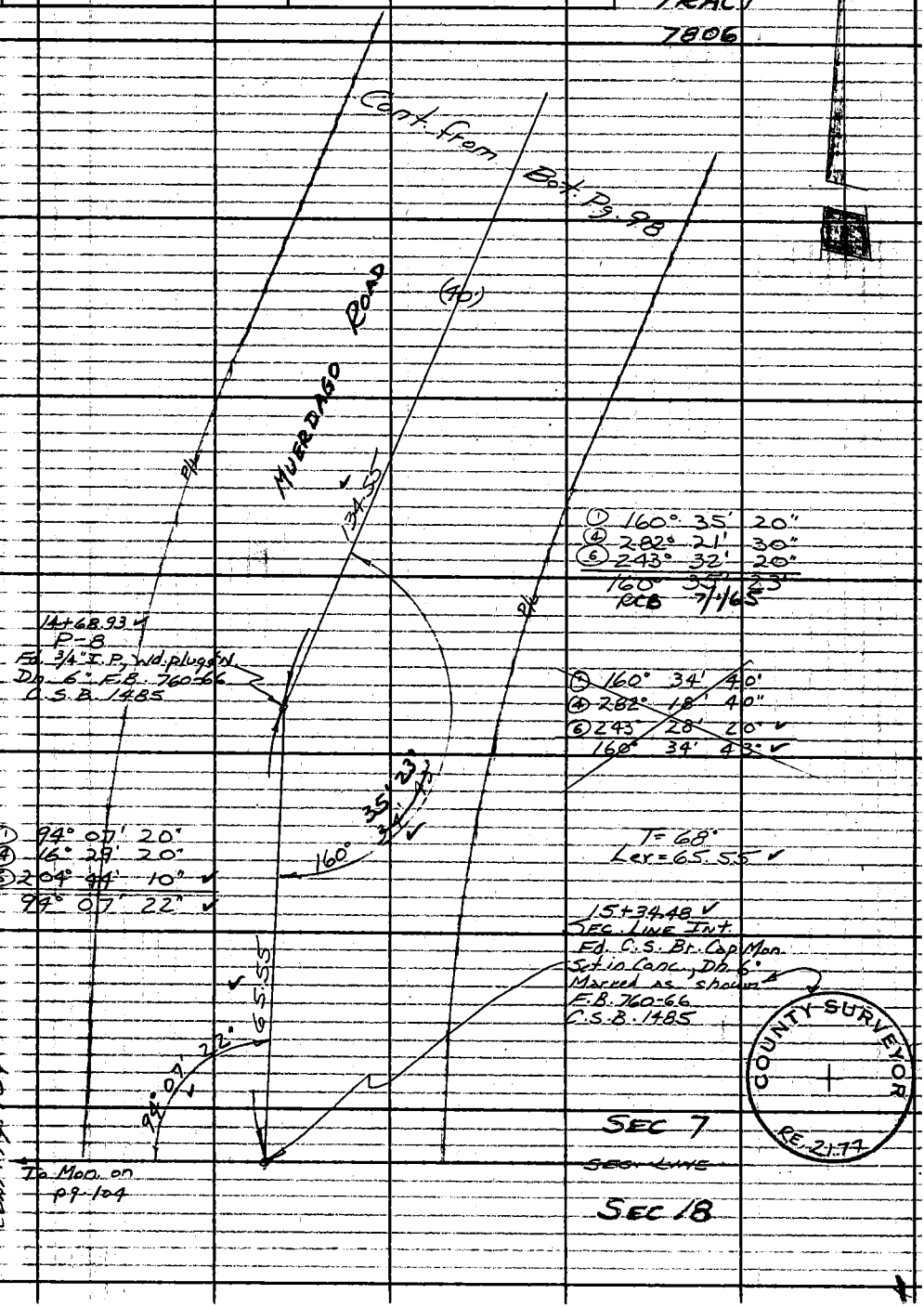
Notes Ck'd by	Survey of Muerdago Rd.	F. B. 2987 PG. 99
Map No.	JN 2215.14 Tape 0222 Std 68 °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes R.C.B. Date 12/62	
Date	Indexed C. J. GALLI JAN 2 4 '63	

TRACT 7806



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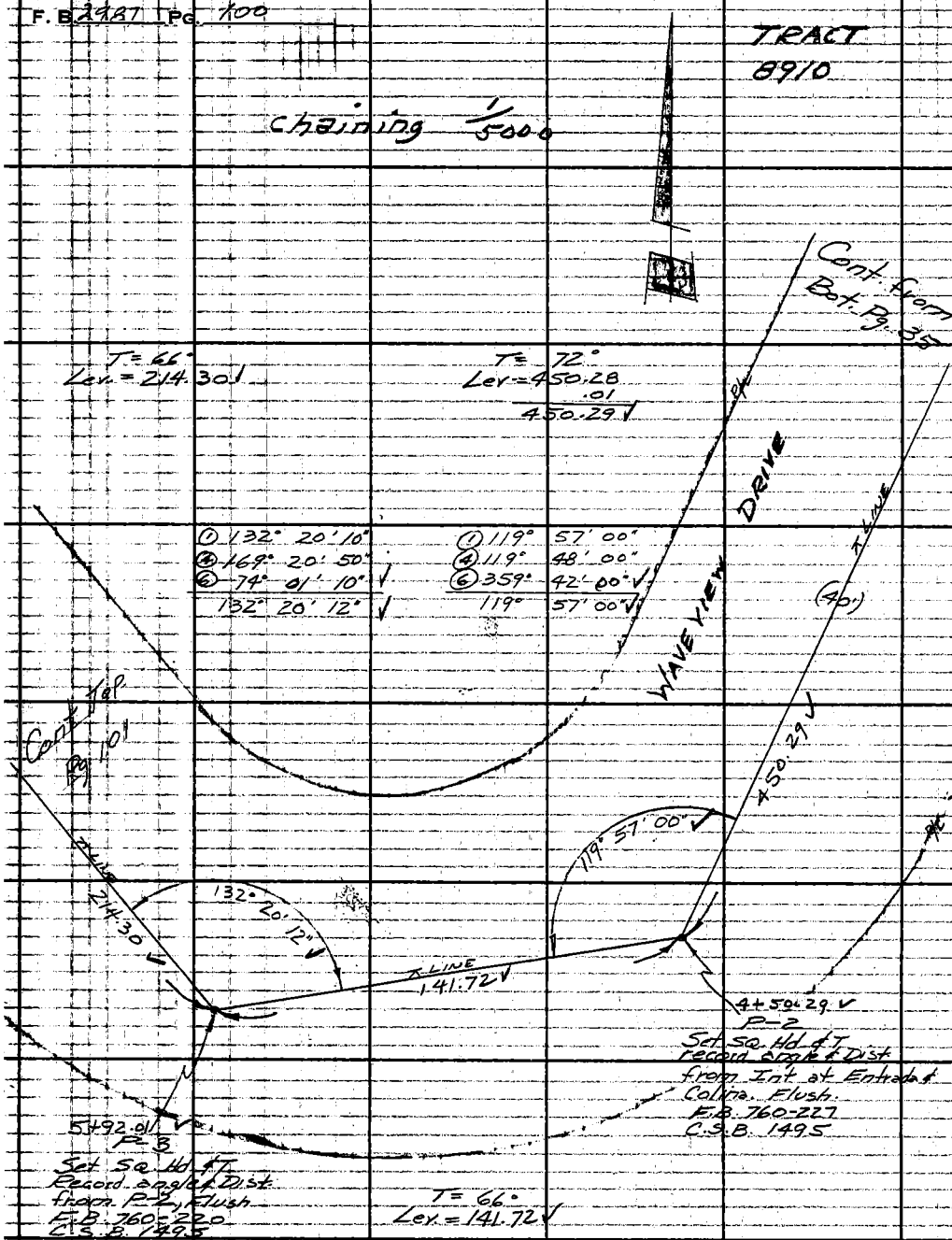
W.S. 89 (7-3

76F309S CE # 310 3-61

F. B. 2987 Pg. 100

TRACT 8910

Chaining 1/5000



U.S. 89 D-3

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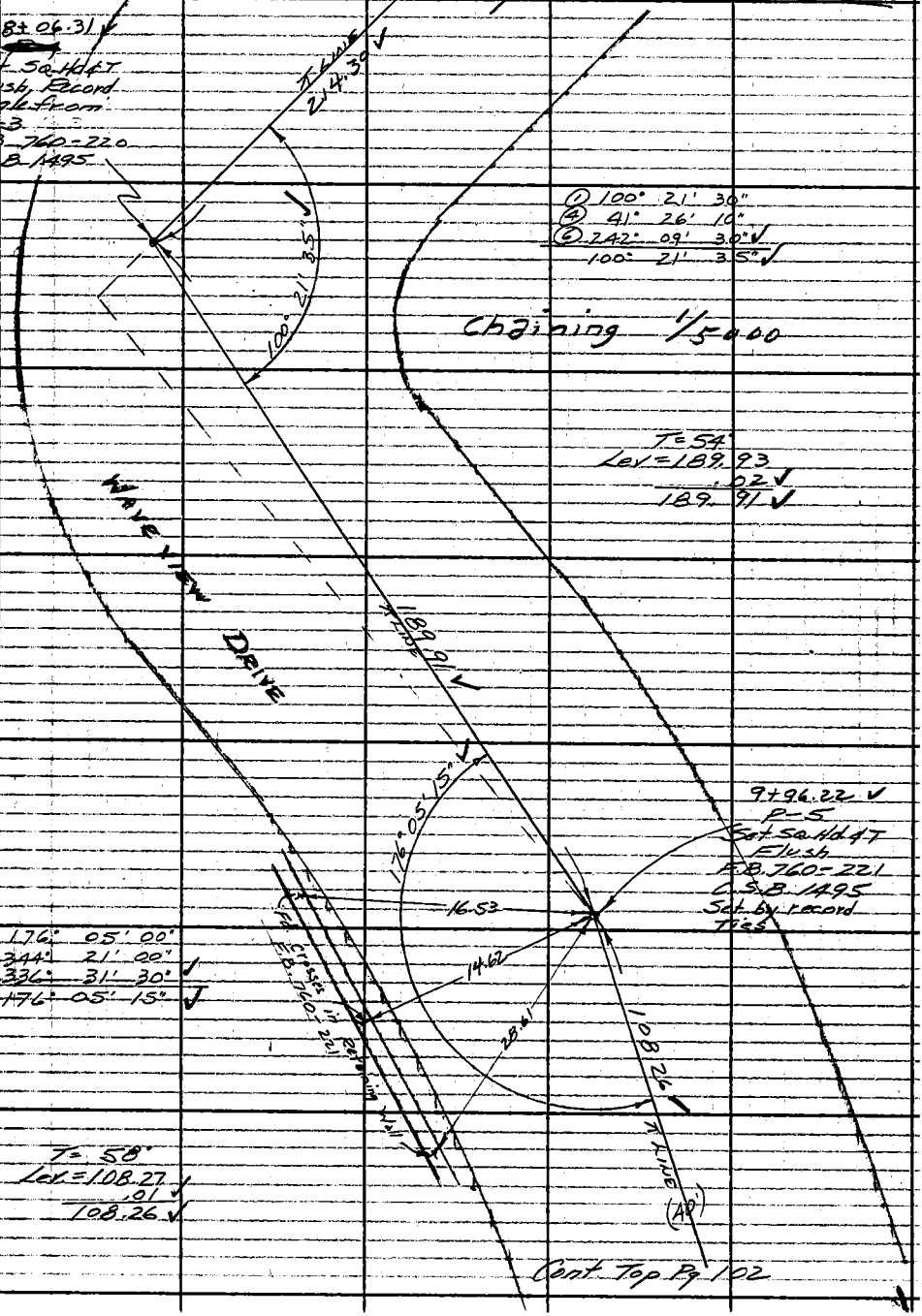
Notes Ck'd by	Survey of WAVEVIEW DR.	F. B 2987 PG. 101
Map No.	JN 2215.14 Tape 0222 Std 68 °F	TRACT 8910
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 12/62	
Date	Indexed C. J. GALLI	

Cont. from Lt. Pg 100



Cont. Top Pg 102

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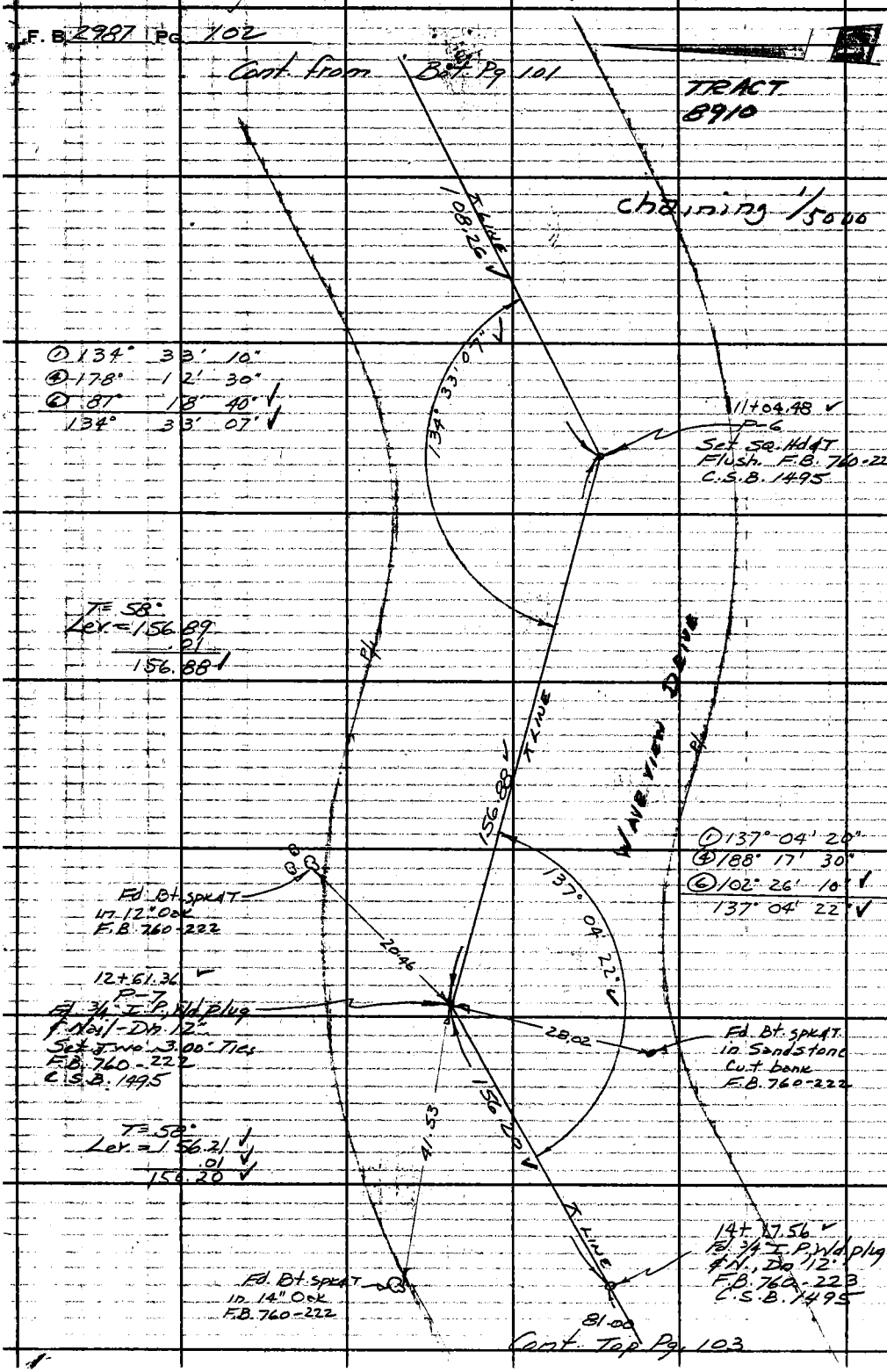
U.S. 89 D-3
76F309S CE # 310 3-61

F. B. 2987 PG 102

Cont. from Bot. Pg 101

TRACT 8910

Chaining 1/5000



Cont. Top Pg. 103

U.S. 89 D-3

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

Survey of WAVERVIEW
J.N. 2215.1 Tape 0222 Std 68 °F
Surveyed by R.C. Bowers
Notes R.C.B. Date 12/62
Indexed C. J. GALLI

F. B. 2987 Pg. 103

TRACT 8910

Cont. from Bot. Pg. 102

14+07.53
Fd. 3/4" I.P., Wd. plug in Dn. .12' F.B. 760-223

0.08

Int 14+98.56 = (from N.W. 20+86.06)
Set Sq. Hd. & T. Flush. Calc. Dist. from C.S.B. 1495

(45')

① 132° 10' 00"
④ 168° 40' 00"
⑥ 72° 59' 40" ✓
132° 09' 57" ✓

T = 58°
Lev = 81.01
.01
81.00 ✓

T = 58°
Lev = 121.37 ✓
.01
121.36 ✓

T = 60°
Lev = 47.55

15+44.11 ✓
4 Pt.
Set Sq. Hd. & T. Flush

① 154° 35' 50"
④ 258° 23' 30"
⑥ 207° 34' 50" ✓
154° 35' 48" ✓

19+64.70 ✓
4 Pt.
Set Sq. Hd. & T. Flush
F.B. 760-224
C.S.B. 1495

① 167° 50' 00"
④ 311° 20' 00"
⑥ 28' 00" 10" ✓
167° 50' 02" ✓

T = 60°
Lev = 126.71
.01
126.70 ✓

T = 60
Lev = 201.93
.01
201.92 ✓

(25')

① 90° 00' 00"
④ 360° 00' 00"
⑥ 180° 00' 00" ✓
90° 00' 00" ✓

① 169° 45' 20"
④ 319° 01' 40"
⑥ 298° 32' 30" ✓
169° 45' 25" ✓

① 89° 59' 20"
④ 359° 57' 30"
⑥ 179° 55' 50" ✓
89° 59' 18" ✓

45.00 ✓

44.97 ✓

18+38.06
4 Pt.
Set Sq. Hd. & T.
Flush. F.B. 760-224
C.S.B. 1495

T = 60°
Lev = 45.00

17+93.00 ✓
Red. Pt.
5/8" 1 x 24" N, Flush
Rec. from 4 Pt. to North
F.B. 760-224
C.S.B. 1495

17+48.03 ✓
4 Pt.
Set Sq. Hd. & T.
Flush. F.B. 760-224
C.S.B. 1495
1 X 2, ⊕ N

T = 64°
Lev = 44.97

W AVE

DRIVE

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76F3095 CE # 310 3-61

U.S. 89 D 3

F. B. 2987 Pg. 104

T. 1 S.

R. 16 W.

T = 78°
Lcu = 69.76

SEC. 7

CUESTA CALA RD ℄

SEC. LINE

69.76

SEC. 18

℄ Int.
Fd. C. S. Br. Cap Mon.,
Dn. 12" in Pavt. with
Sq. Hd. & T. cross Ties
Marked as shown
No Ref.

F.B. 760-61

℄ Int.
Fd. Bt spk, w&T
flush

CYN. BLVD.

Cont. Bt. Rt. Pg. 99

COUNTY ENGINEER SURVEYOR R.E. 2177

error

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

Survey of ENTRADA RD.
J.N. 2215.14 Tape Std °F.
Surveyed by P.C. BOWERS
Notes P.C.B. Date 1/63
Indexed R. J. GALLI JAN 24 1963

F. B. 2987 PG. 105

L.A.I. ENTRADA

WATER WORKS DIST # 29

J.N. 2215.14

Profile & Cross section and Topography of Entrada Road, Encina Road, Colina Dr., Wareview Rd., Muerdago Rd. from Tapanga Canyon Blvd. E'ly to Rancho San Vincente

JAN. 1963

Ref.
F.B. 2981, 5-103

Party
Bowers
Smiley
Dover
Tindell

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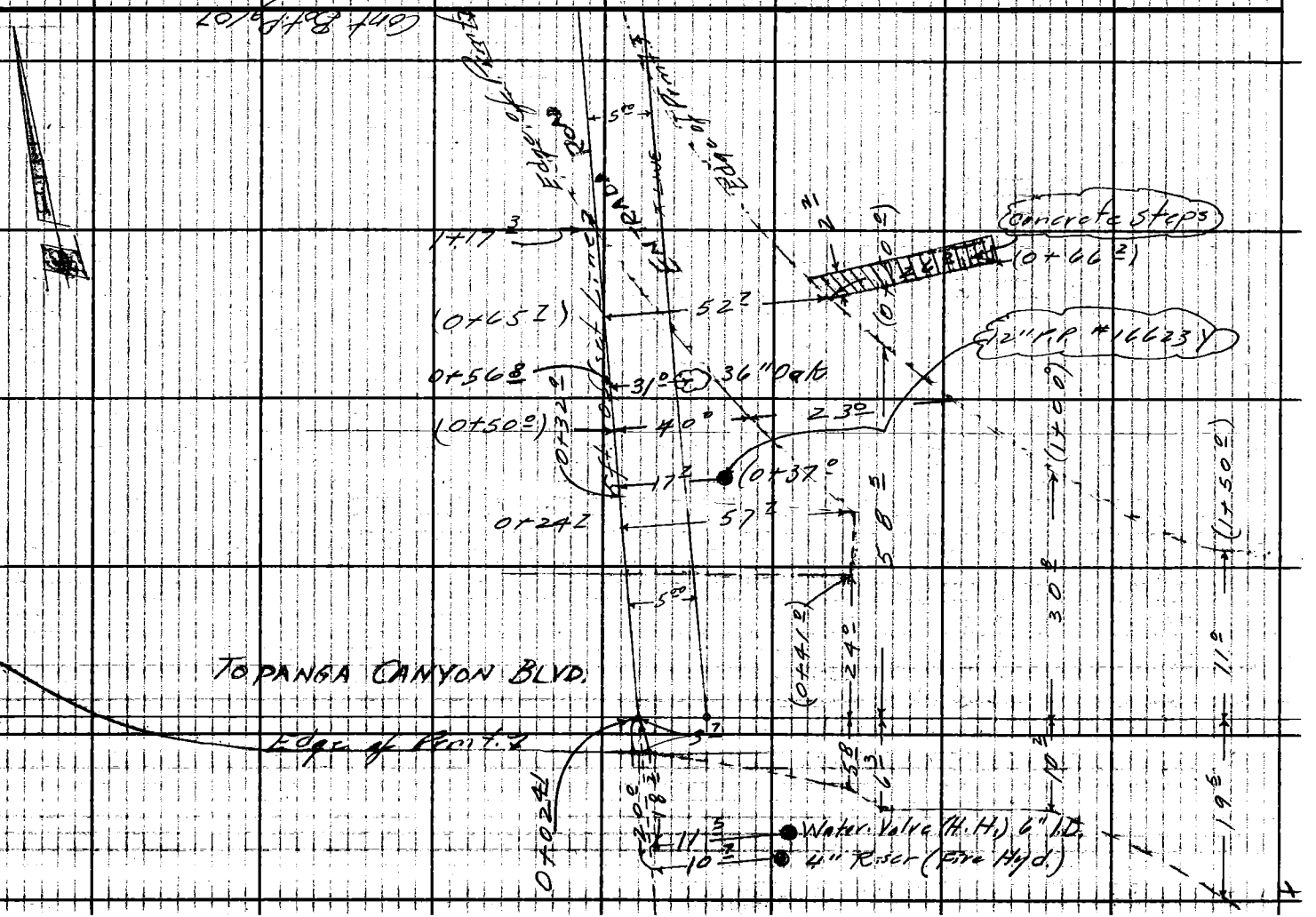
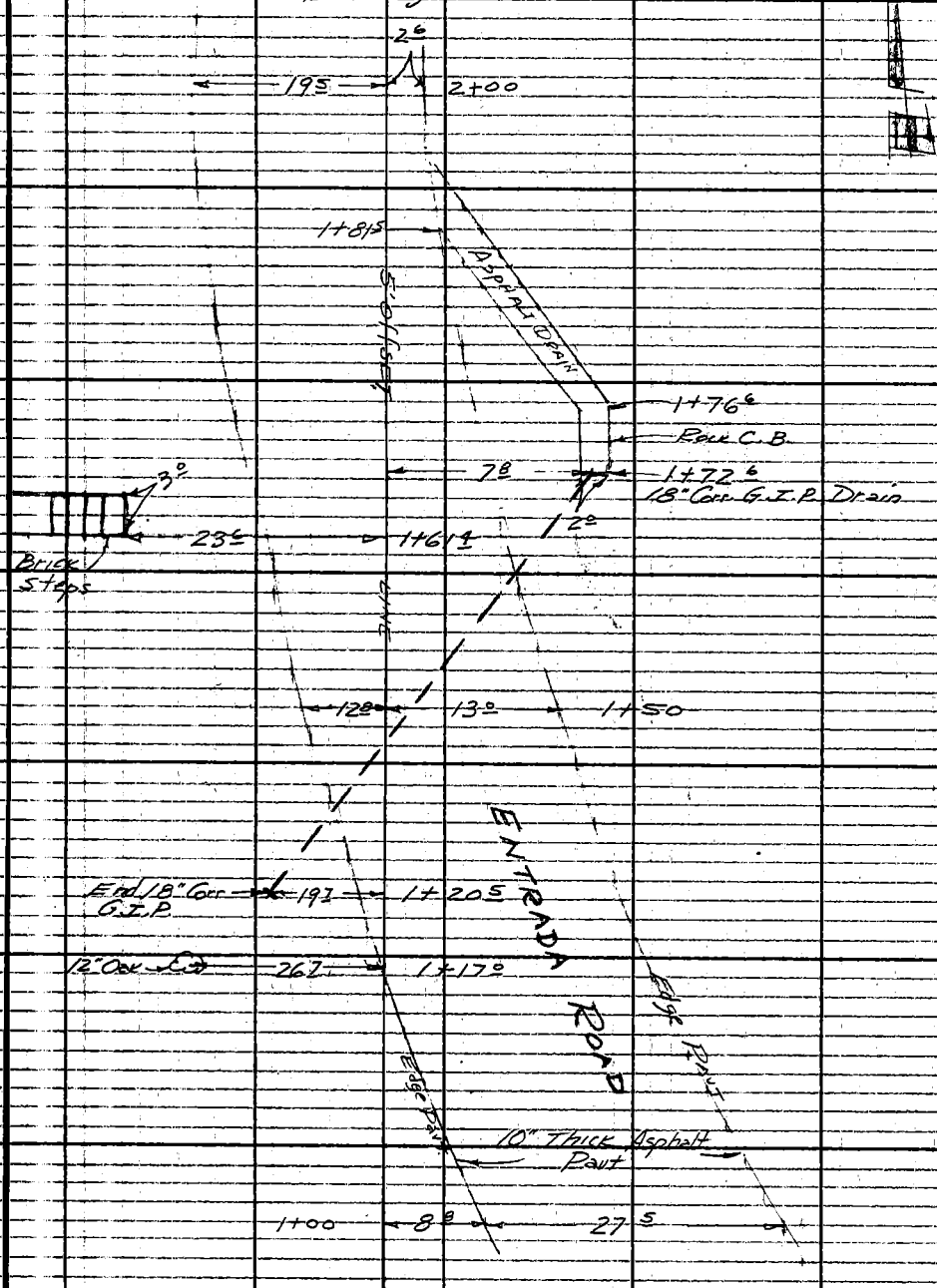


F. B. 2987 Pg. 106

Notes Ck'd by	Survey of Entrada Road	F. B. 2987 Pg. 107
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B. Date 12/62	
Date	Indexed C. J. GALLI	

Cont. Bot. Pg. 108



Cont from Rt Pg. 106

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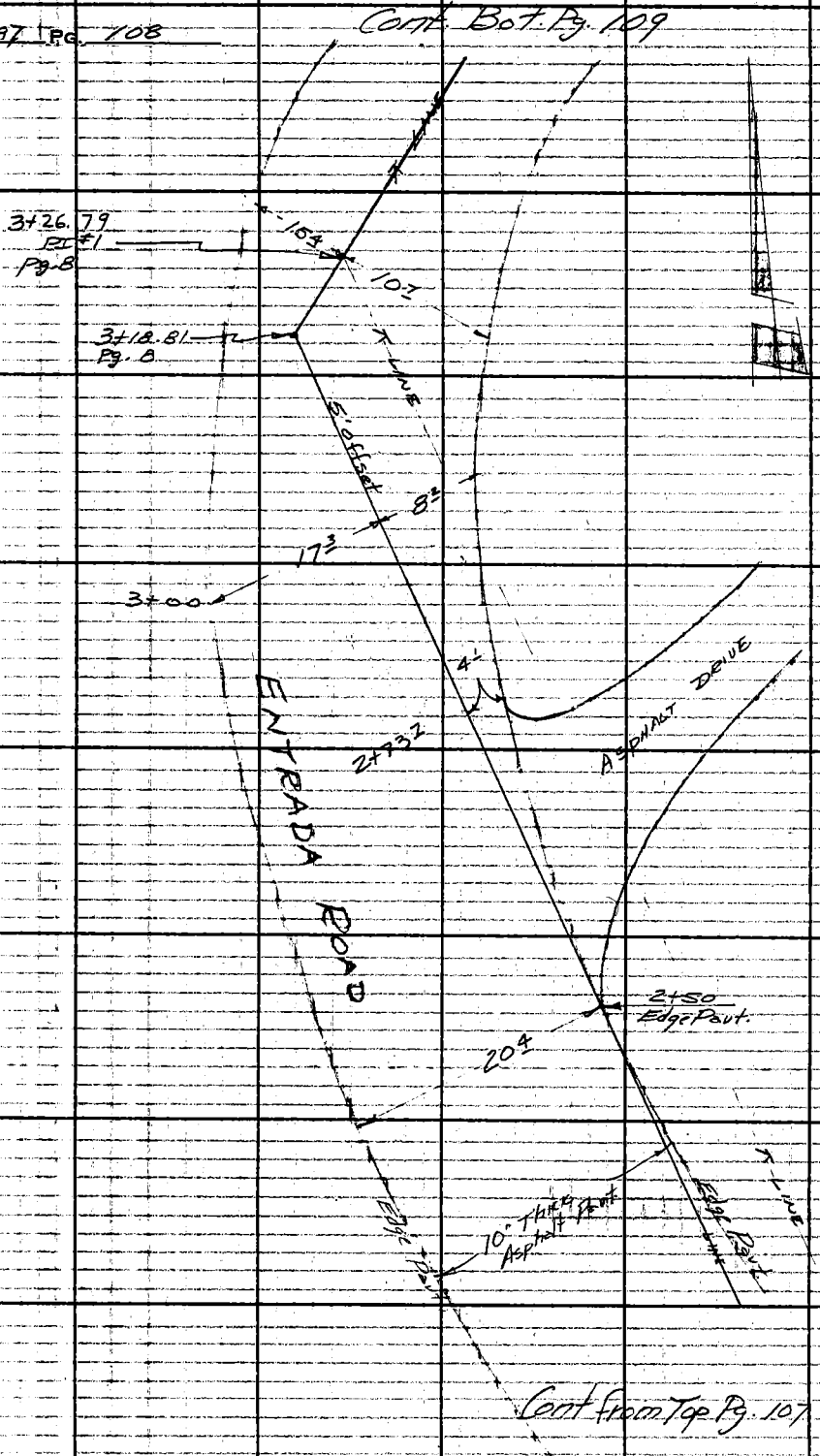
F. B. 2987 Pg. 108

Cont. Bot. Pg. 109



Cont. From Top Pg. 107

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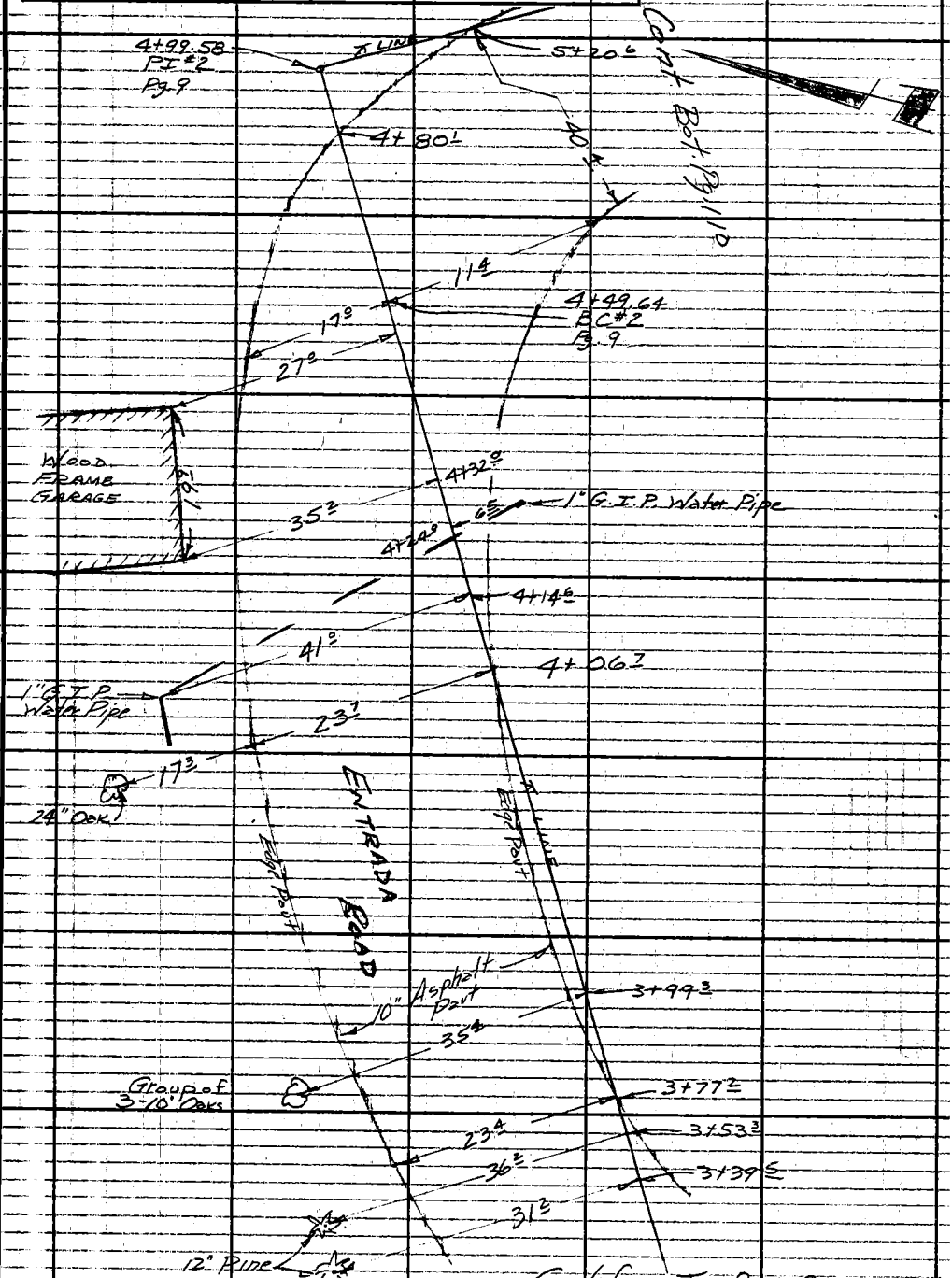
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of ENTRADA ROAD
JN 22/514 Tape Std °F
Surveyed by R.C. BOWER
Notes R.C.B. Date 12/62
Indexed C. J. GALLI

F. B. 2987 Pg. 109



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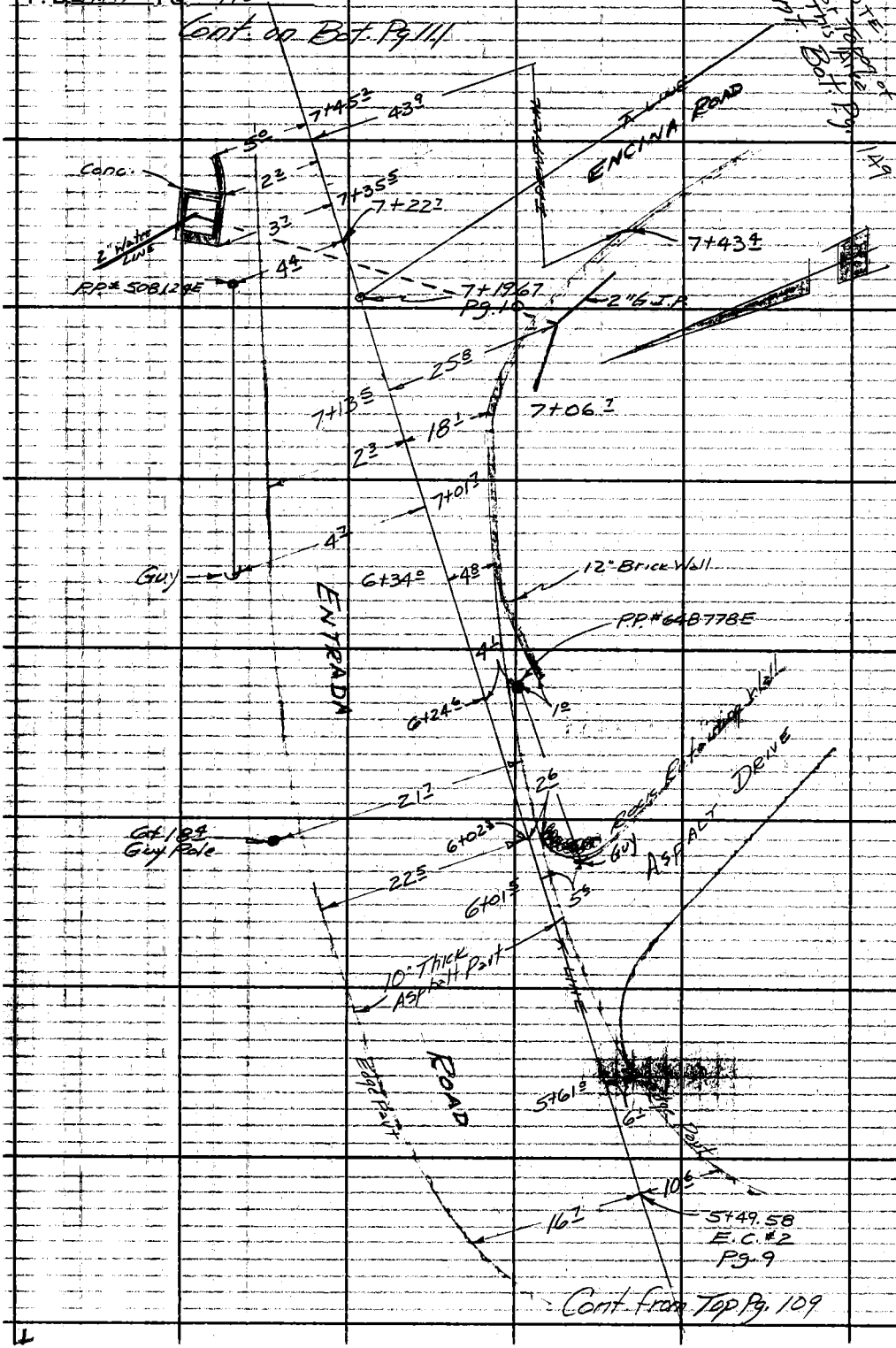
F. B. 2987 Pg. 110

Cont. on Bot. Pg. 111



Cont. from Top Pg. 109

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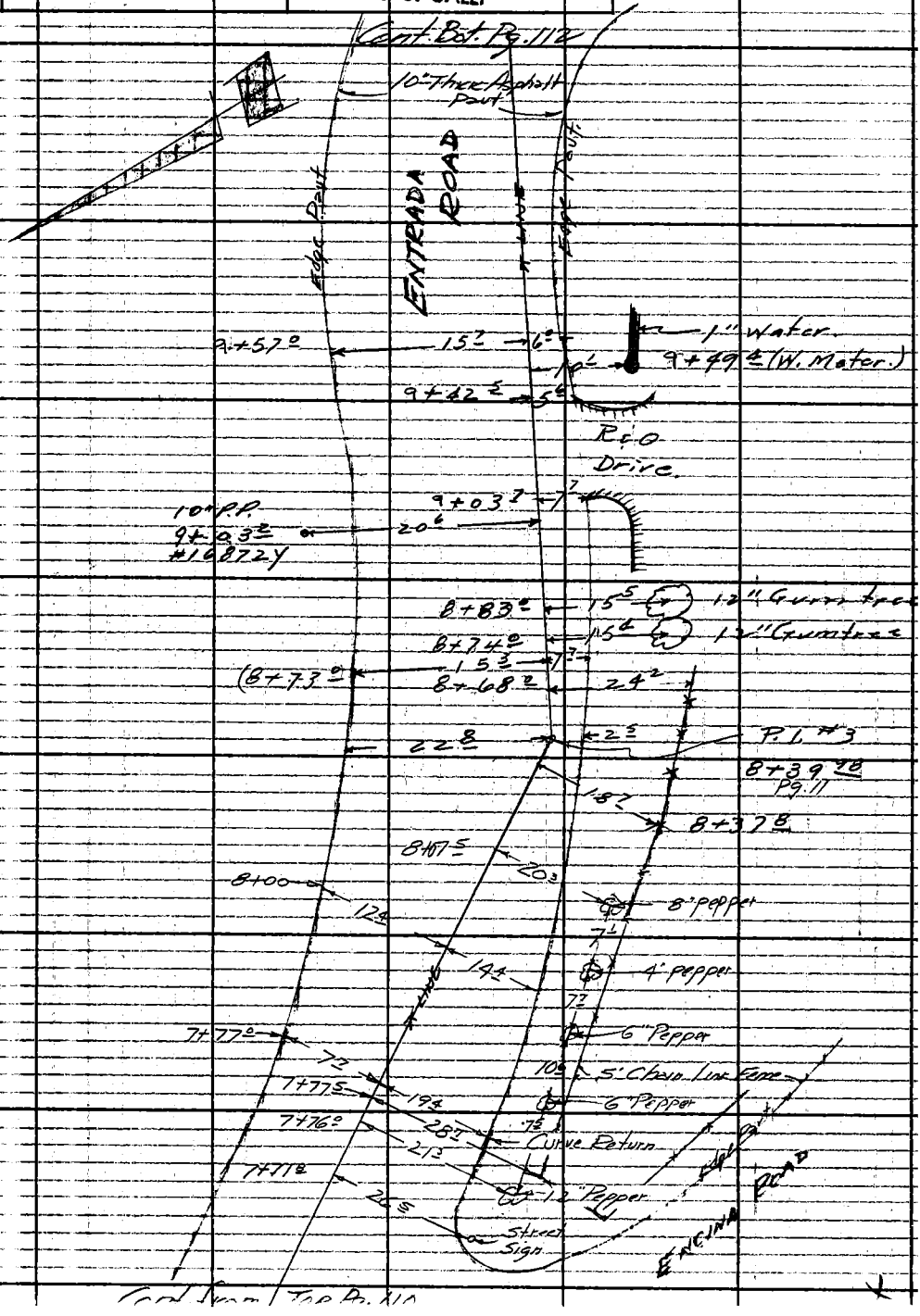
Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 111
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B. Date 12/62	
Date	Indexed C. J. GALLI	



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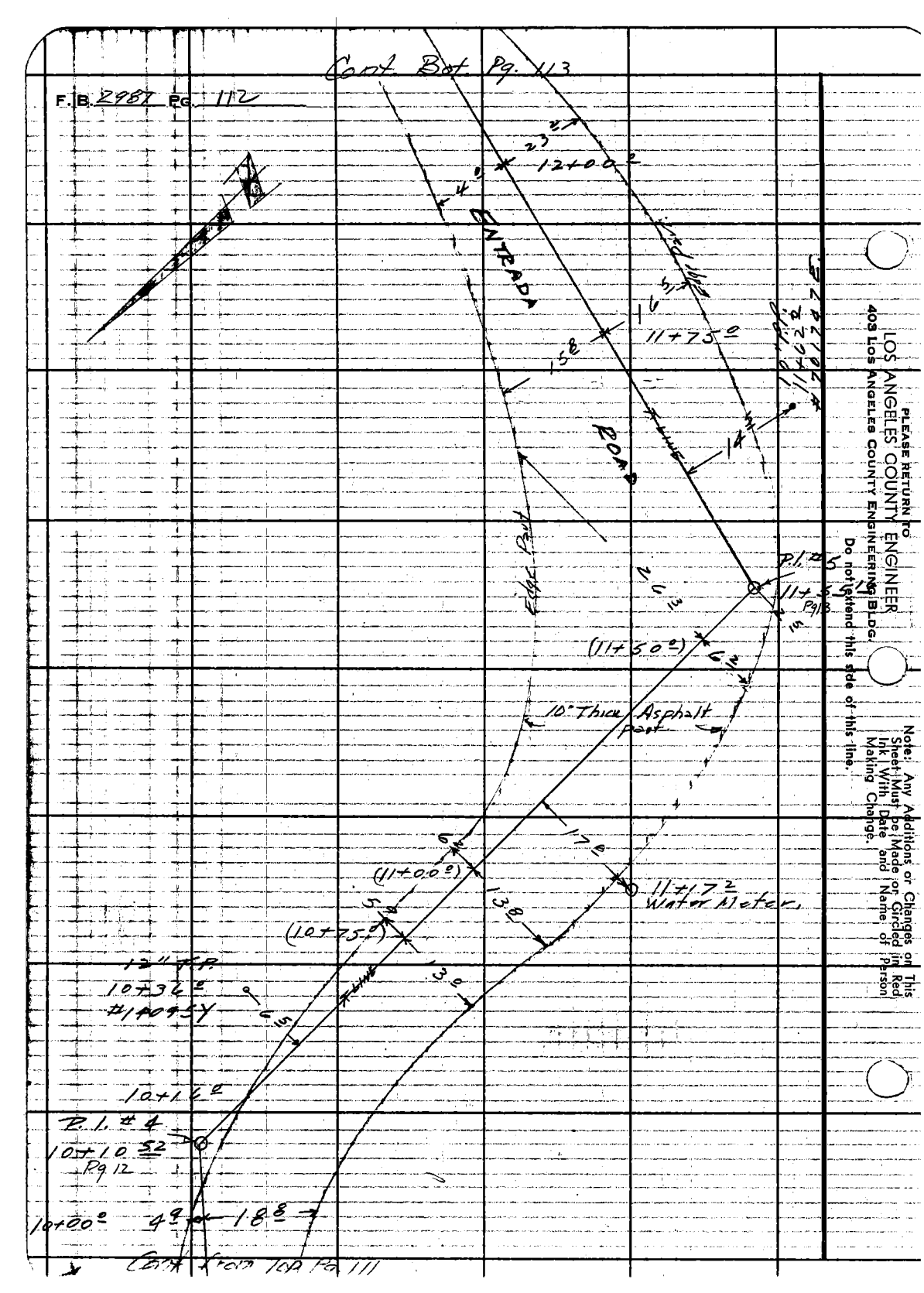
F. B. 2987 Pg. 112

Cont. Bot. Pg. 113



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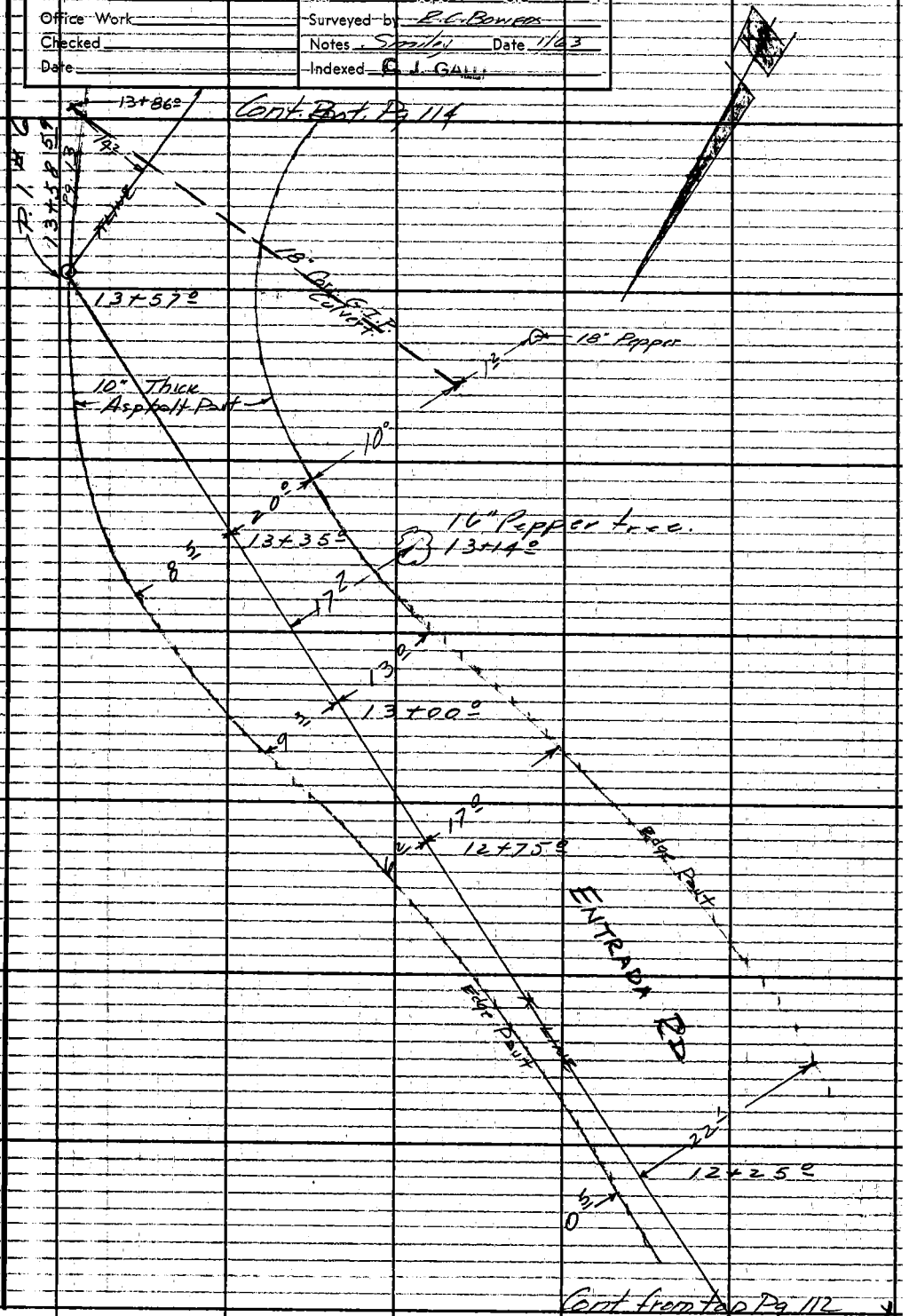
Notes Ck'd by		Survey of ENTRADA ROAD	F. B. 2987 Pg. 113
Map No.		JN 221514 Tape Std °F	
Office Work		Surveyed by E.C. BOWERS	
Checked		Notes Stanley Date 11/63	
Date		Indexed C. J. GALL	



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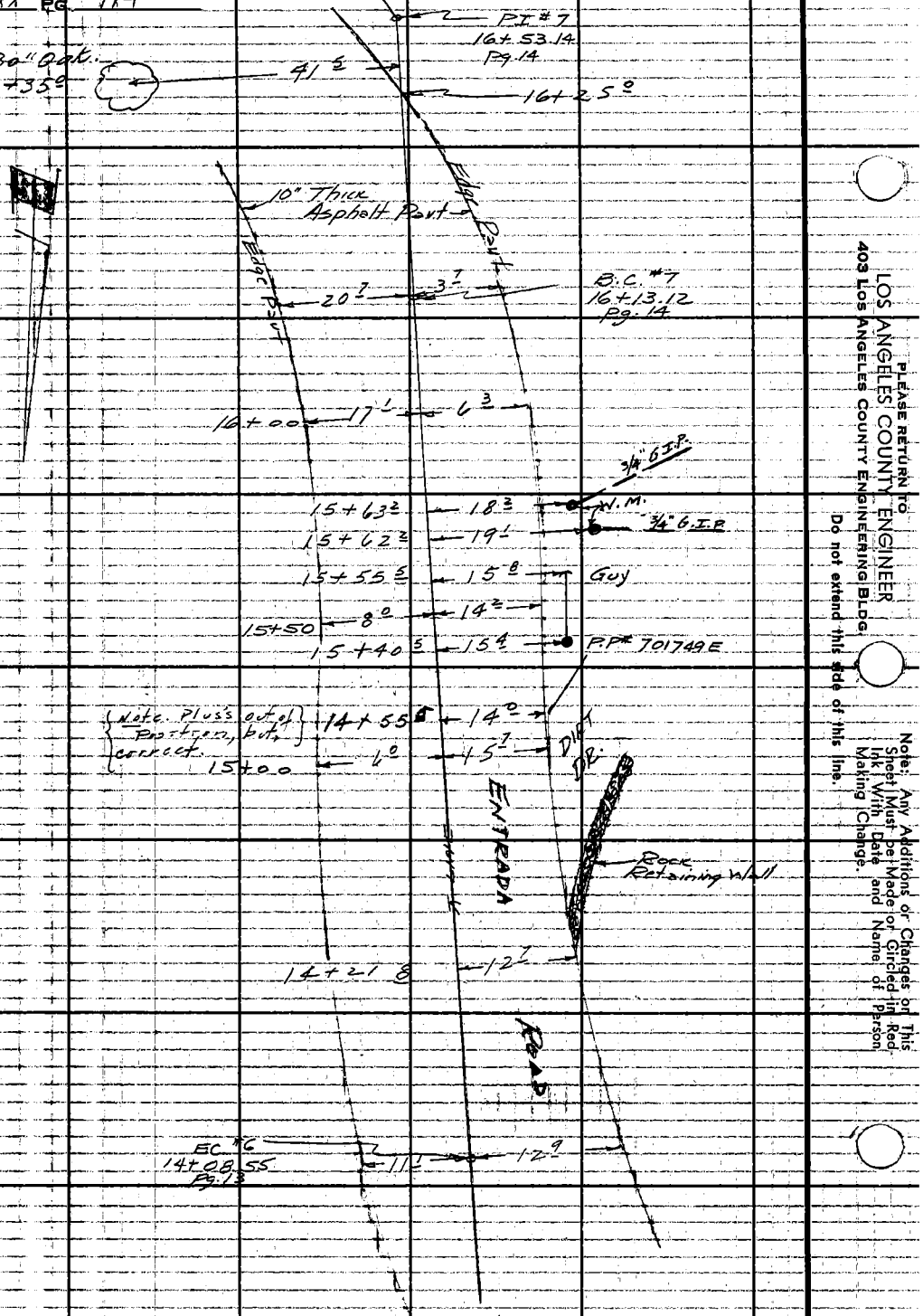
Cont. Bot. Pg 115

F.B. 2981 Pg. 114



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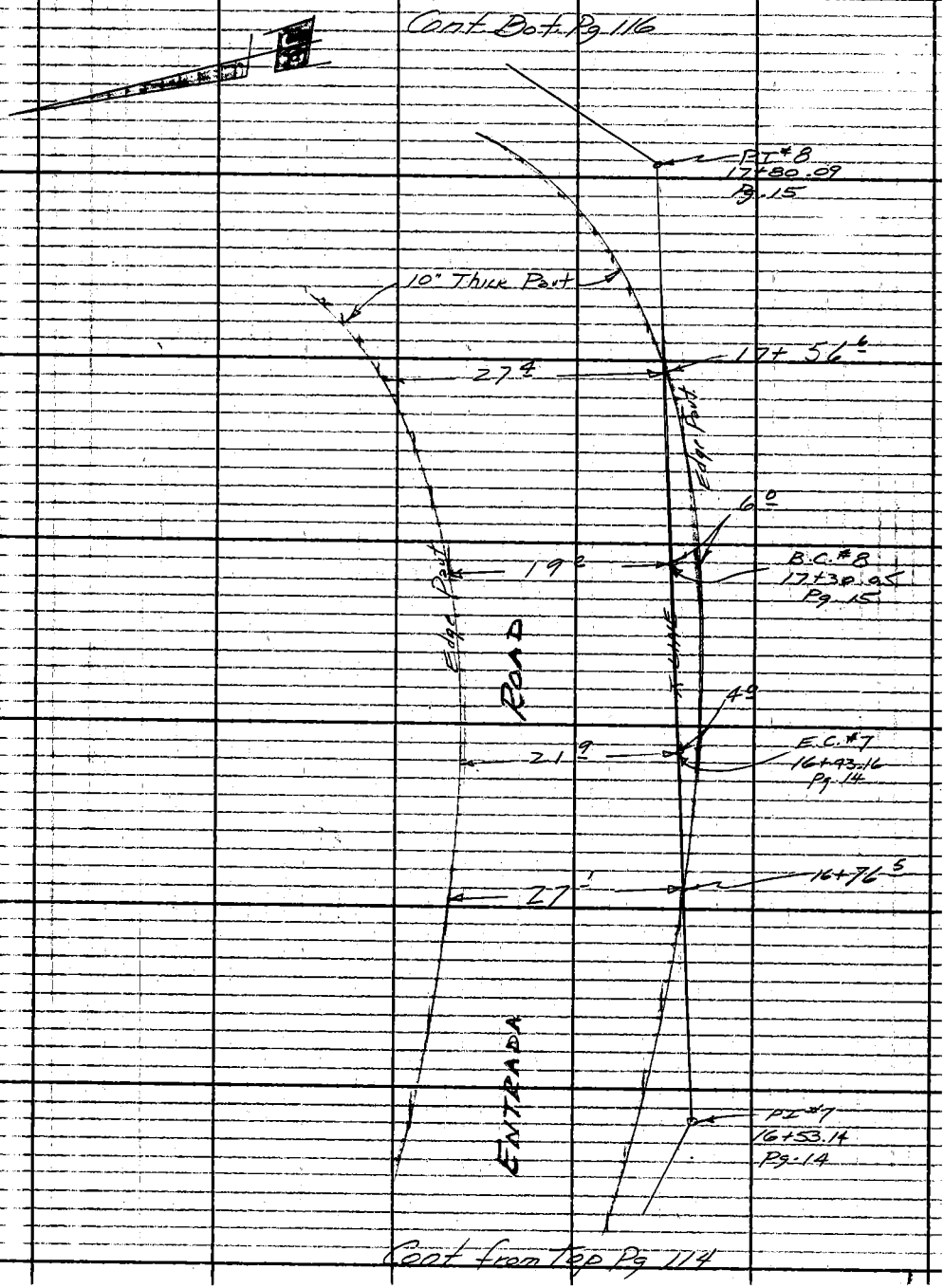
Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 115
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B Date 1/63	
Date	Indexed C. J. CALLI	



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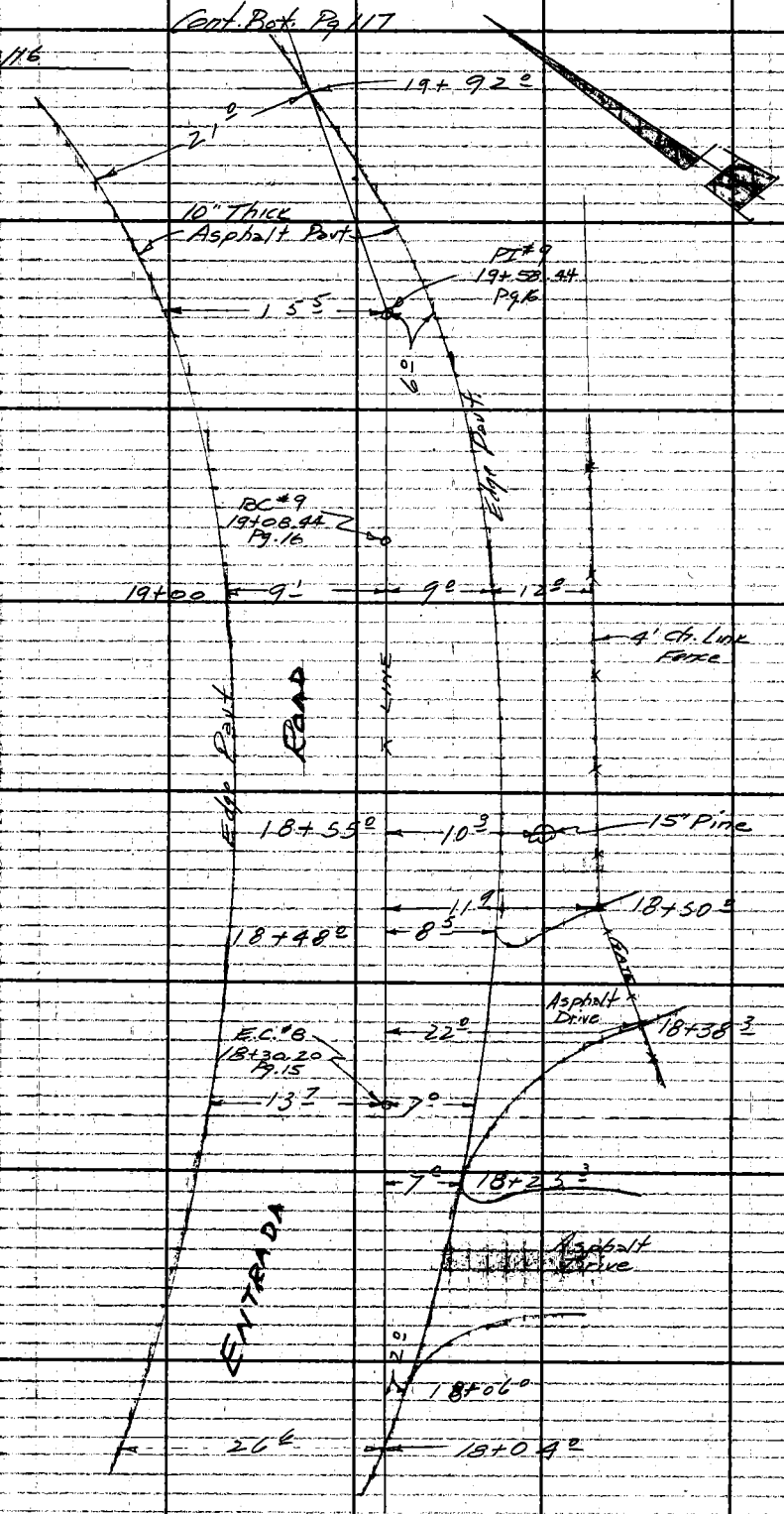
F. B. 2987 PG. 116



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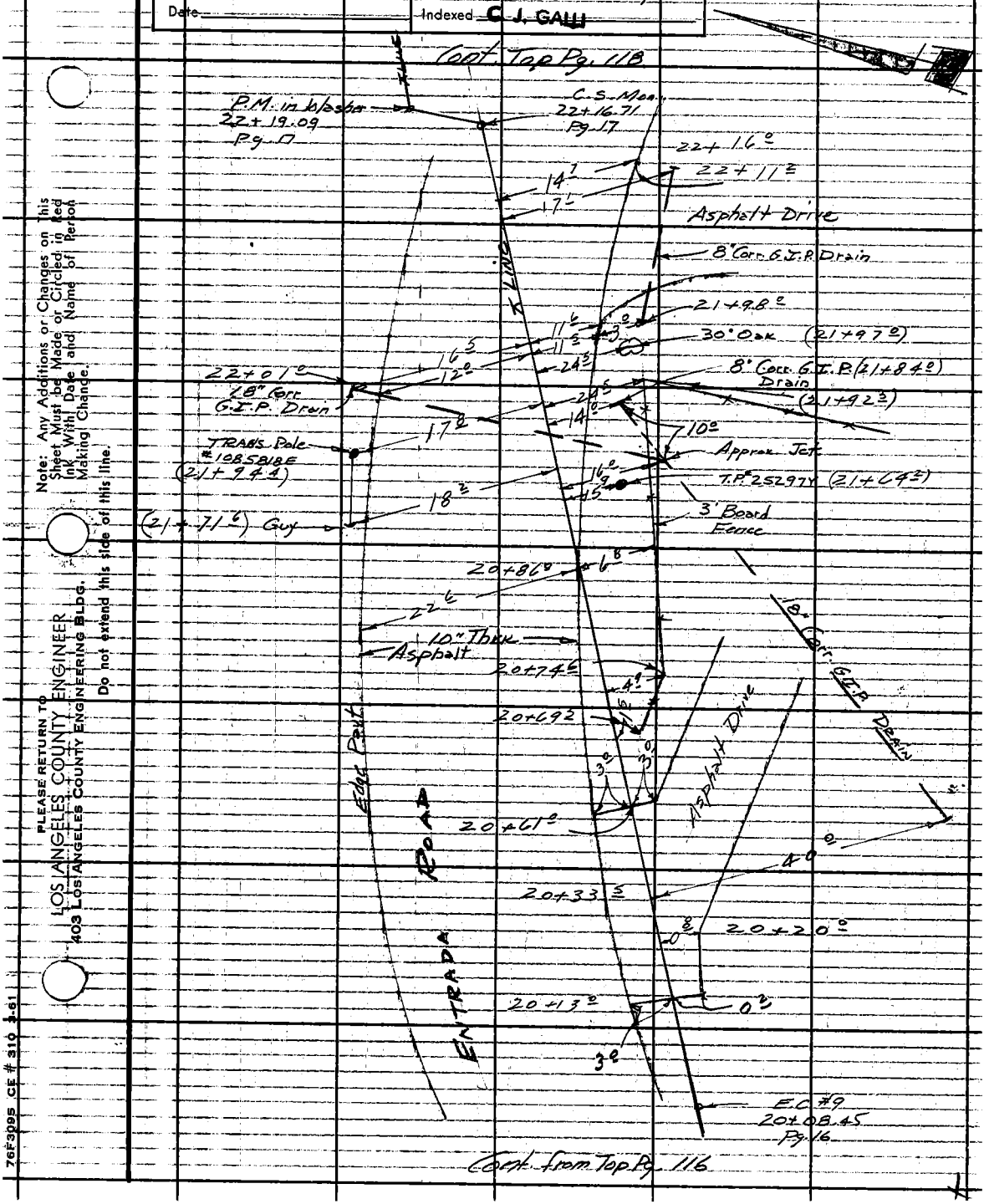
Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 117
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. BOWERS	
Checked	Notes R.C.B Date 1/63	
Date	Indexed C. J. GALLI	



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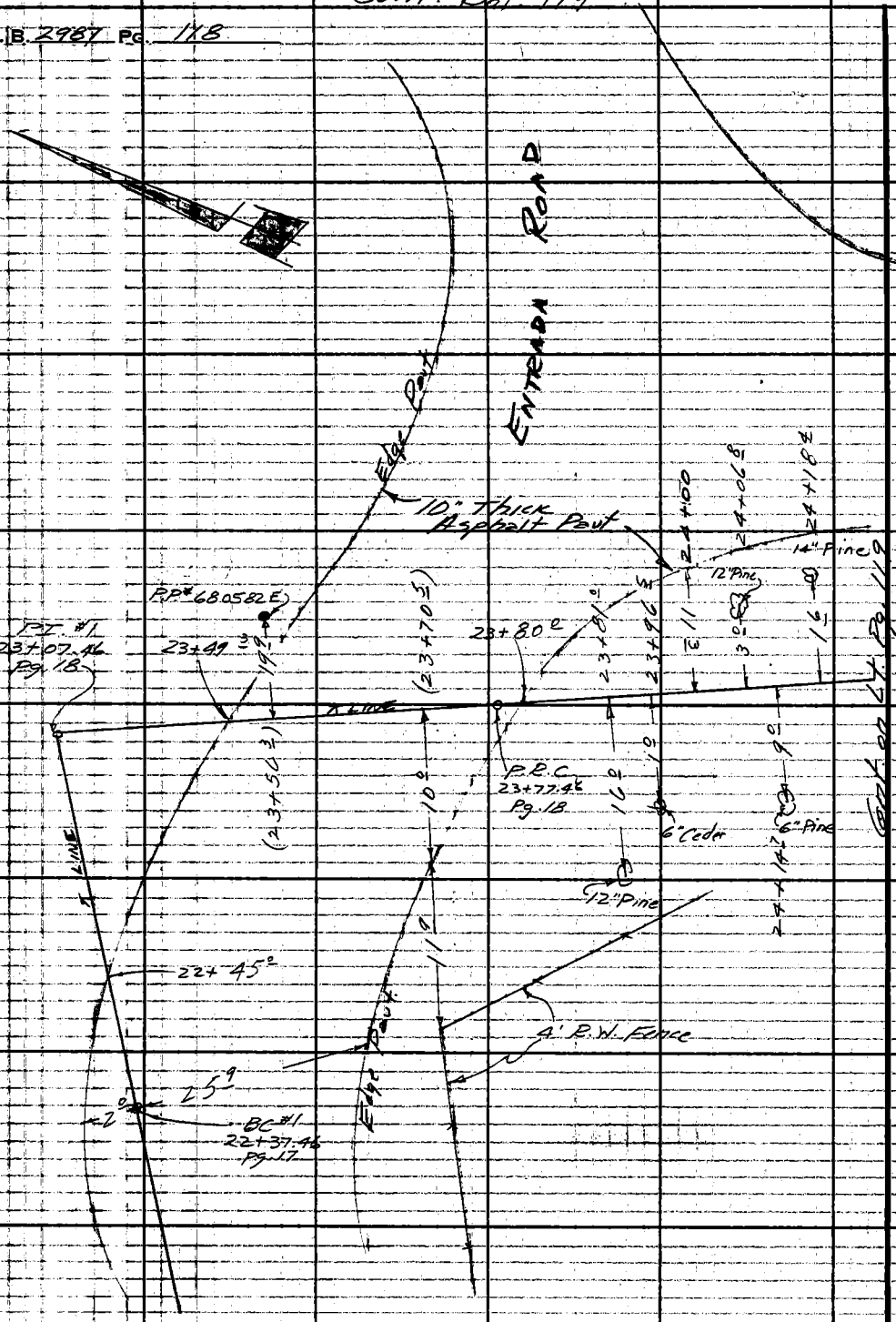
cont. Bk 119

F.B. 2987 Pg. 118



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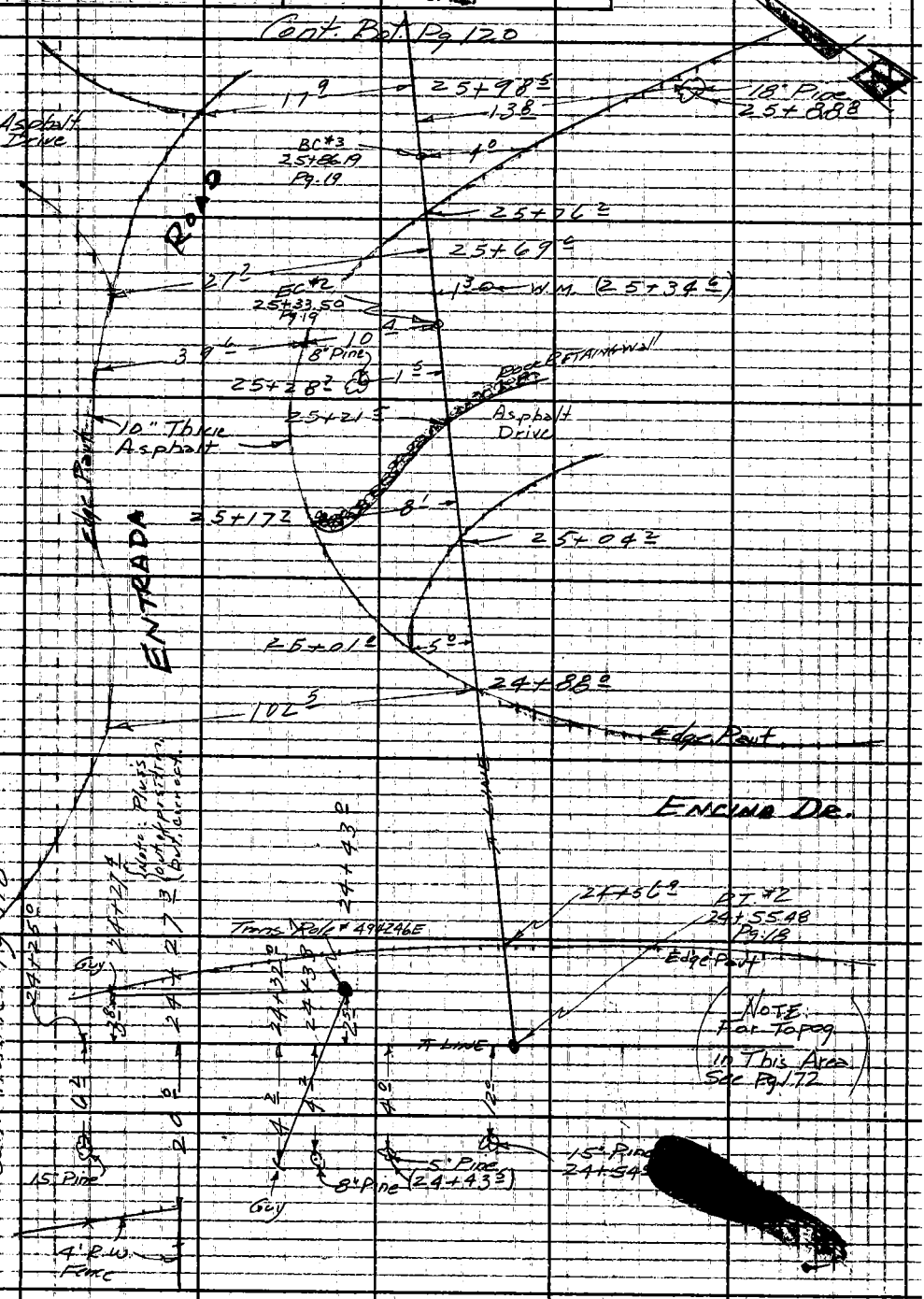
Notes Ck'd by	Survey of ENTRADA ROAD
Map No	JN 221514 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B. Date 1/63
Date	Indexed C. J. CALLI

F. B 2987 PG. 119



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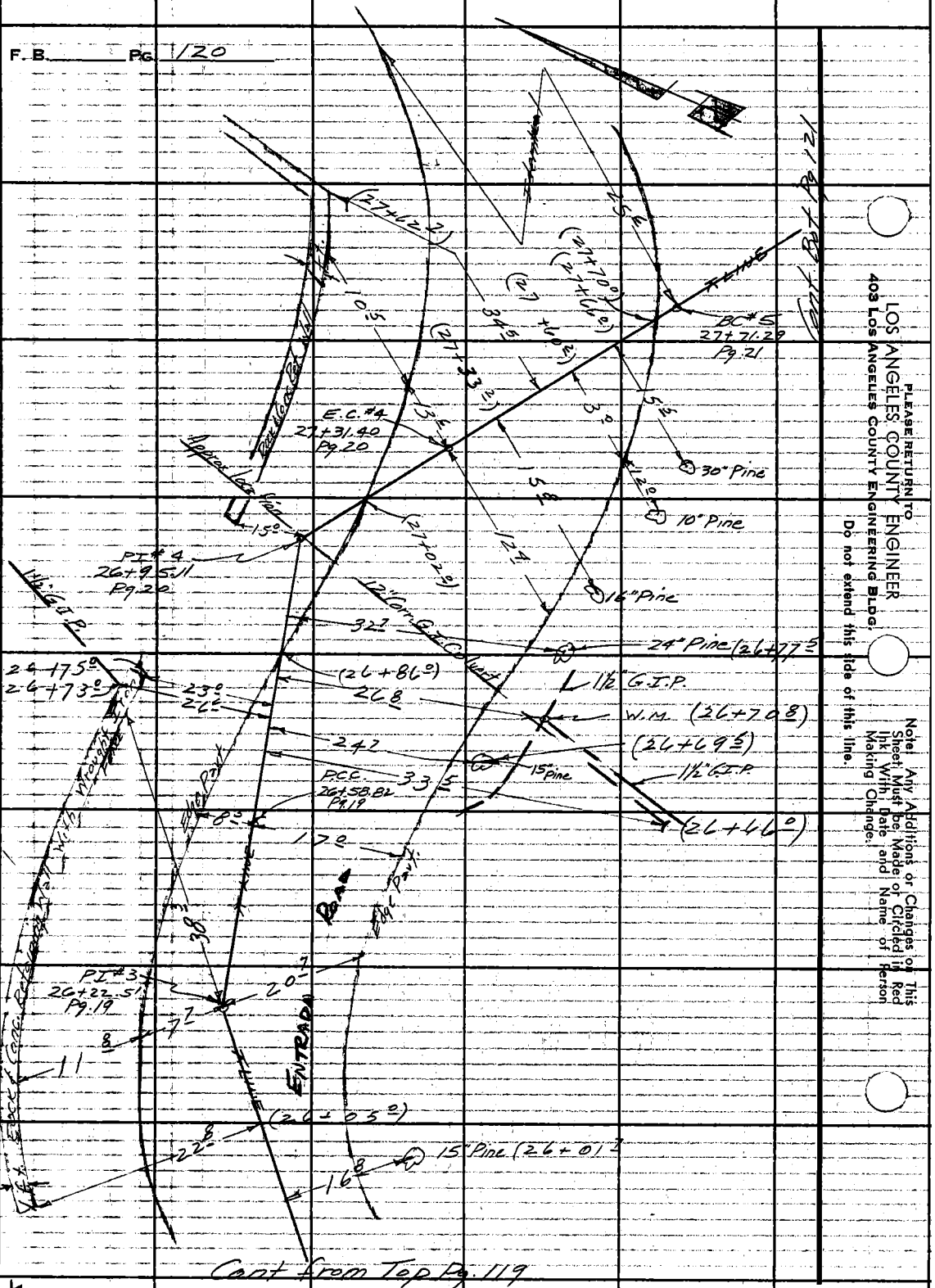
F. B. _____ PG. 120



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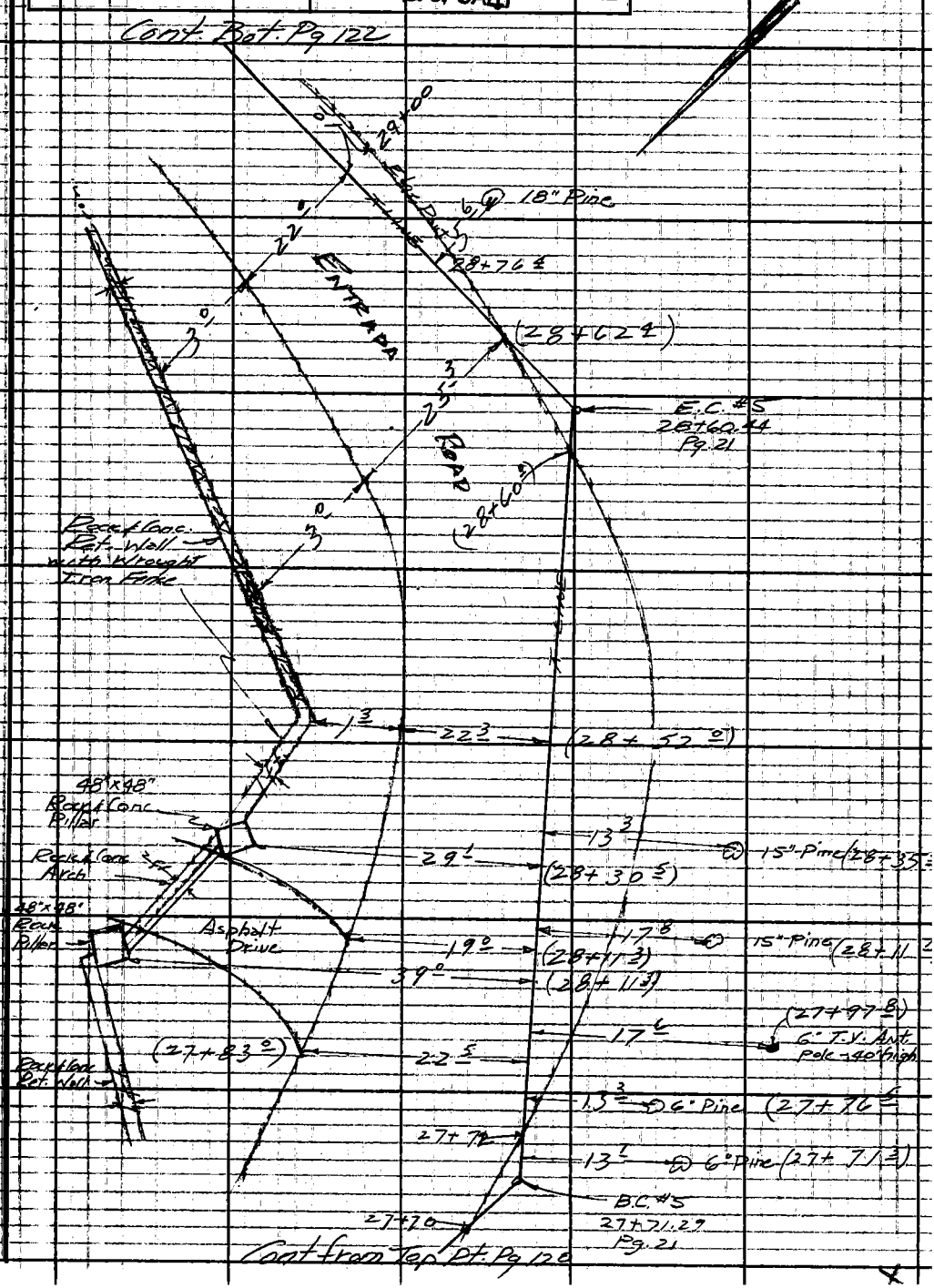
Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 121
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B Date 1/63	
Date	Indexed B. J. GALLI	



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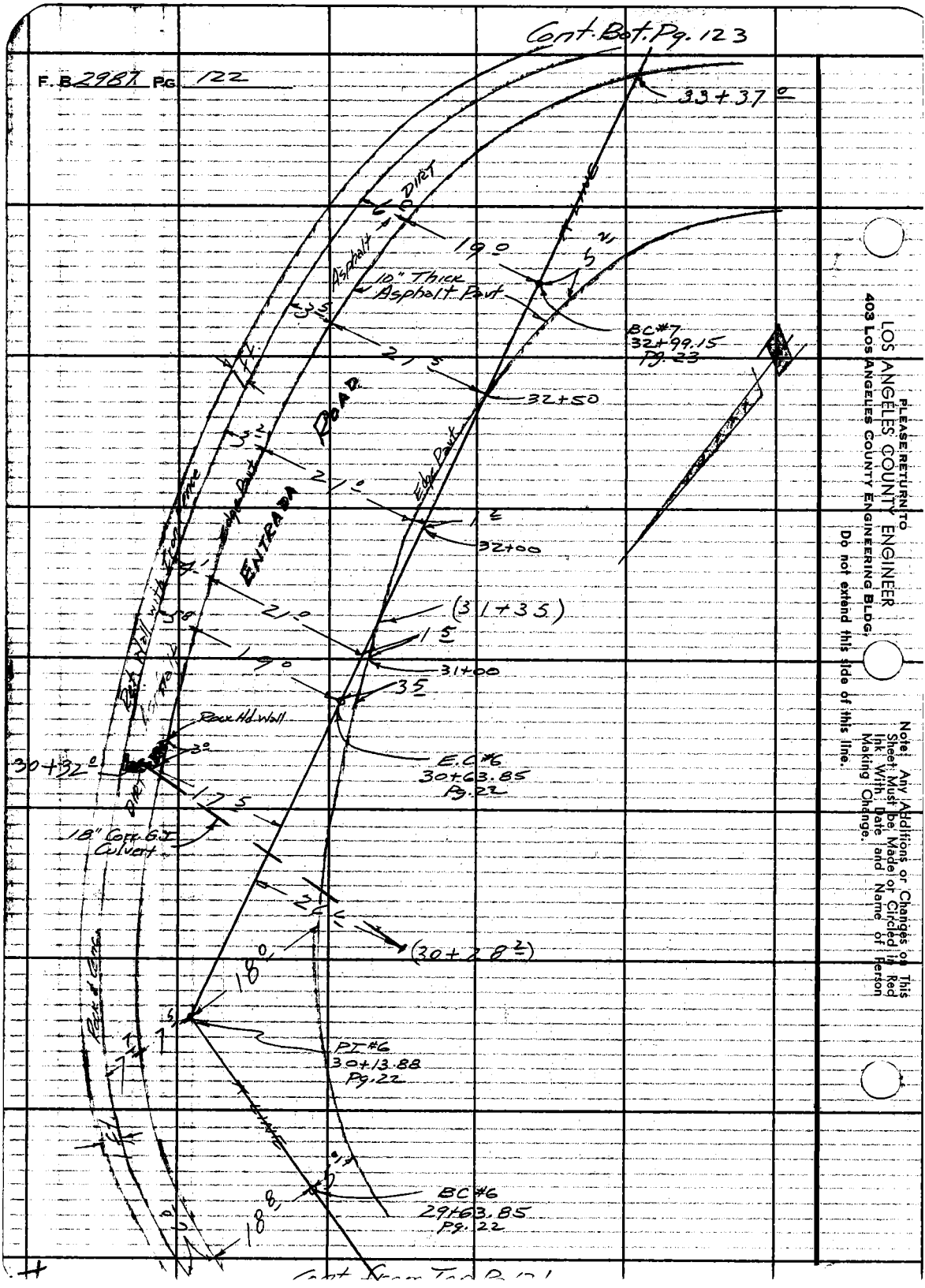

Cont. Bot. Pg. 123
F. B. 2987 Pg. 122
33+37.0
DIRT
19.0
Asphalt
10" Thick Asphalt Pavt
BC#7
32+99.15
Pg. 23
32+50
ROAD
ENTRADA
Edge Pavt
32+00
(31+35)
31+00
Rock Hd. Wall
30+32.0
E.C.#6
30+63.85
Pg. 22
18" Corr. G.I. Culvert
(30+28.2)
PI#6
30+13.88
Pg. 22
BC#6
29+63.85
Pg. 22
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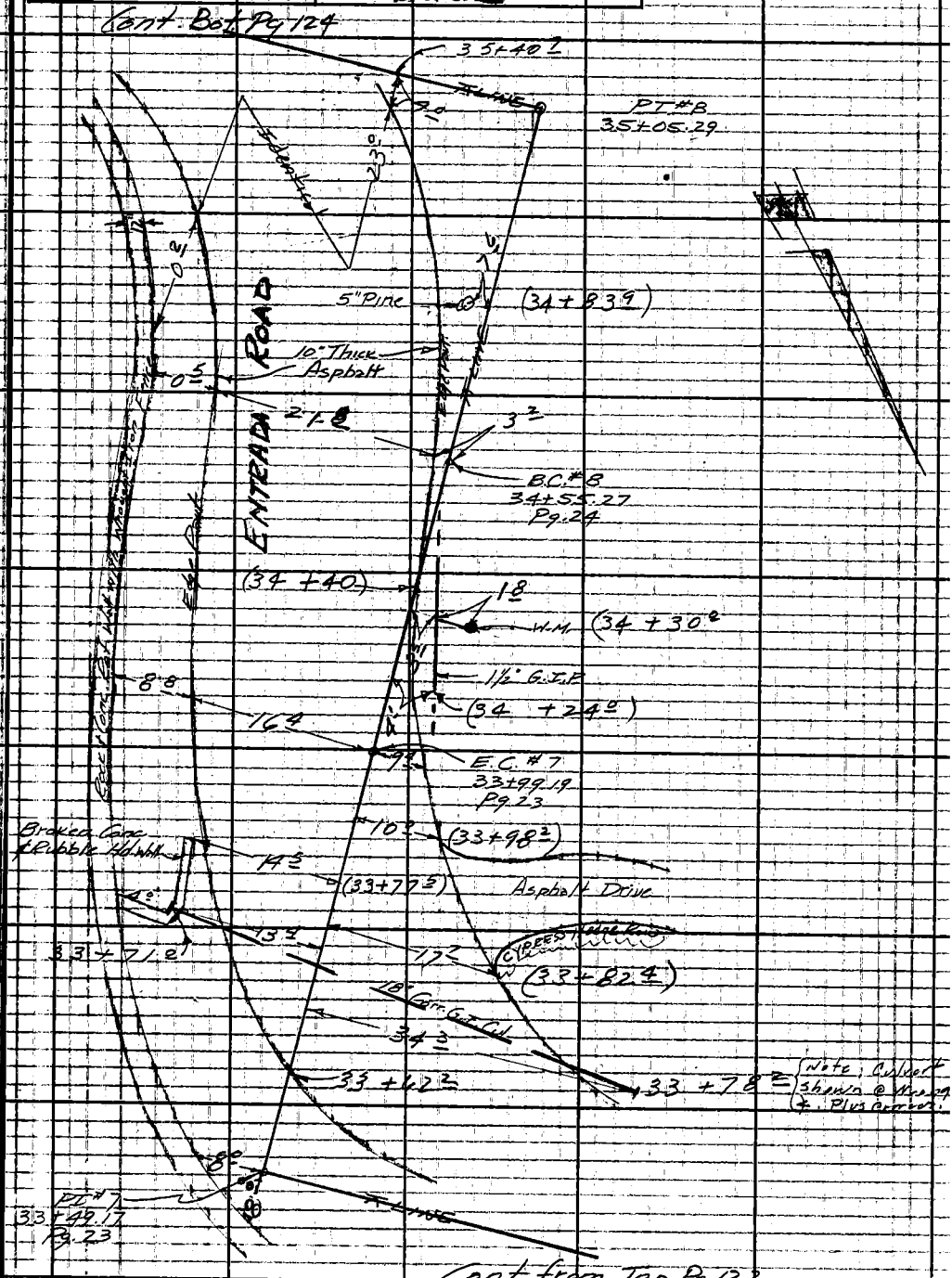
Notes Ck'd by	Survey of ENTRADA ROAD	F. B. 2987 PG. 123
Map No.	JN 2215.14 Tape Std °F	
Officer Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B. Date 1/63	
Date	Indexed C. J. GALLI	



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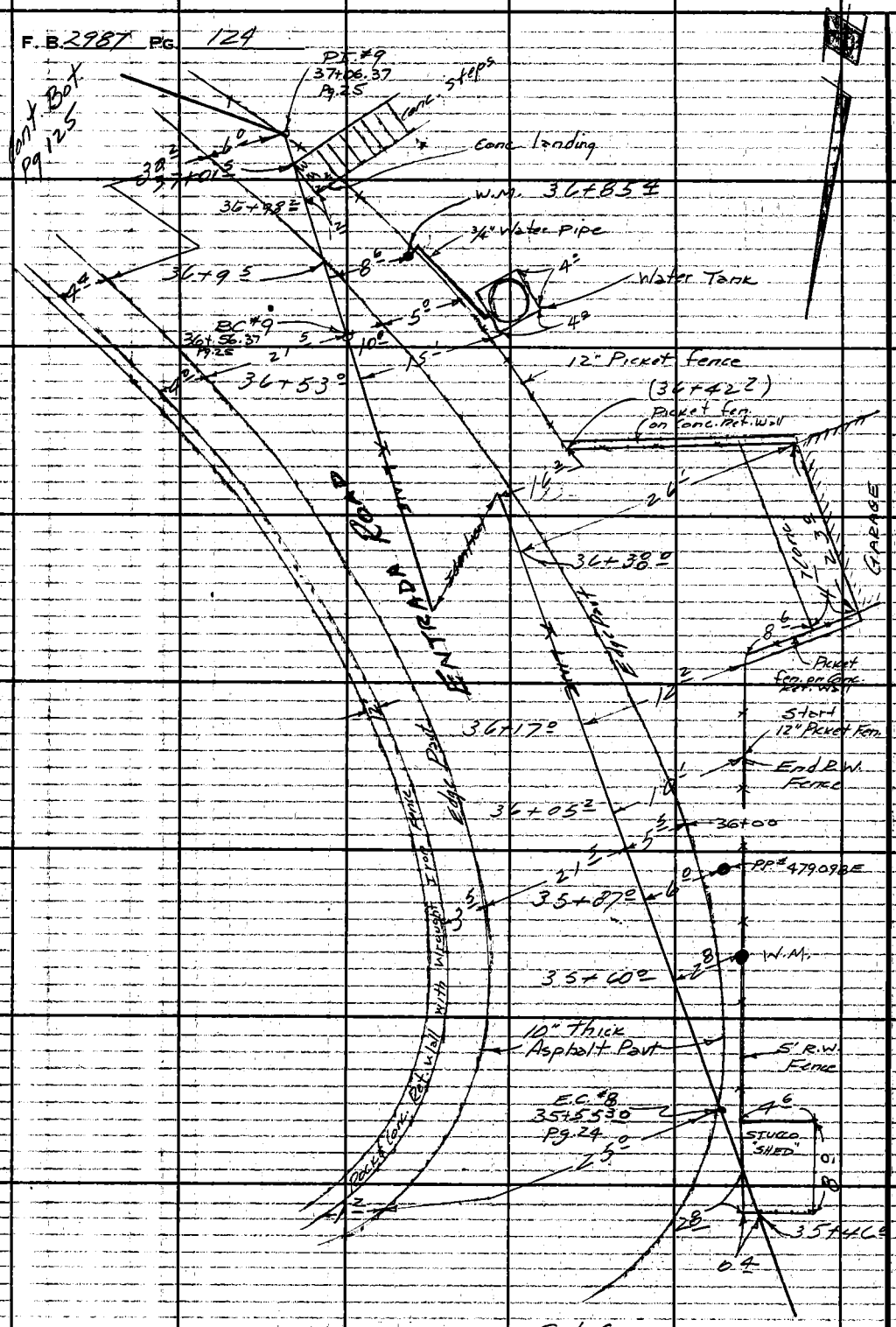
F. B. 2987 PG. 124



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Map No.
Office Work
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Survey of ENTRADA ROAD
J.N. 2215/14 Tape Std °F
Surveyed by R.E. BOWERS
Notes R.E.B. Date 1/63
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F.B. 2987 Pg. 125

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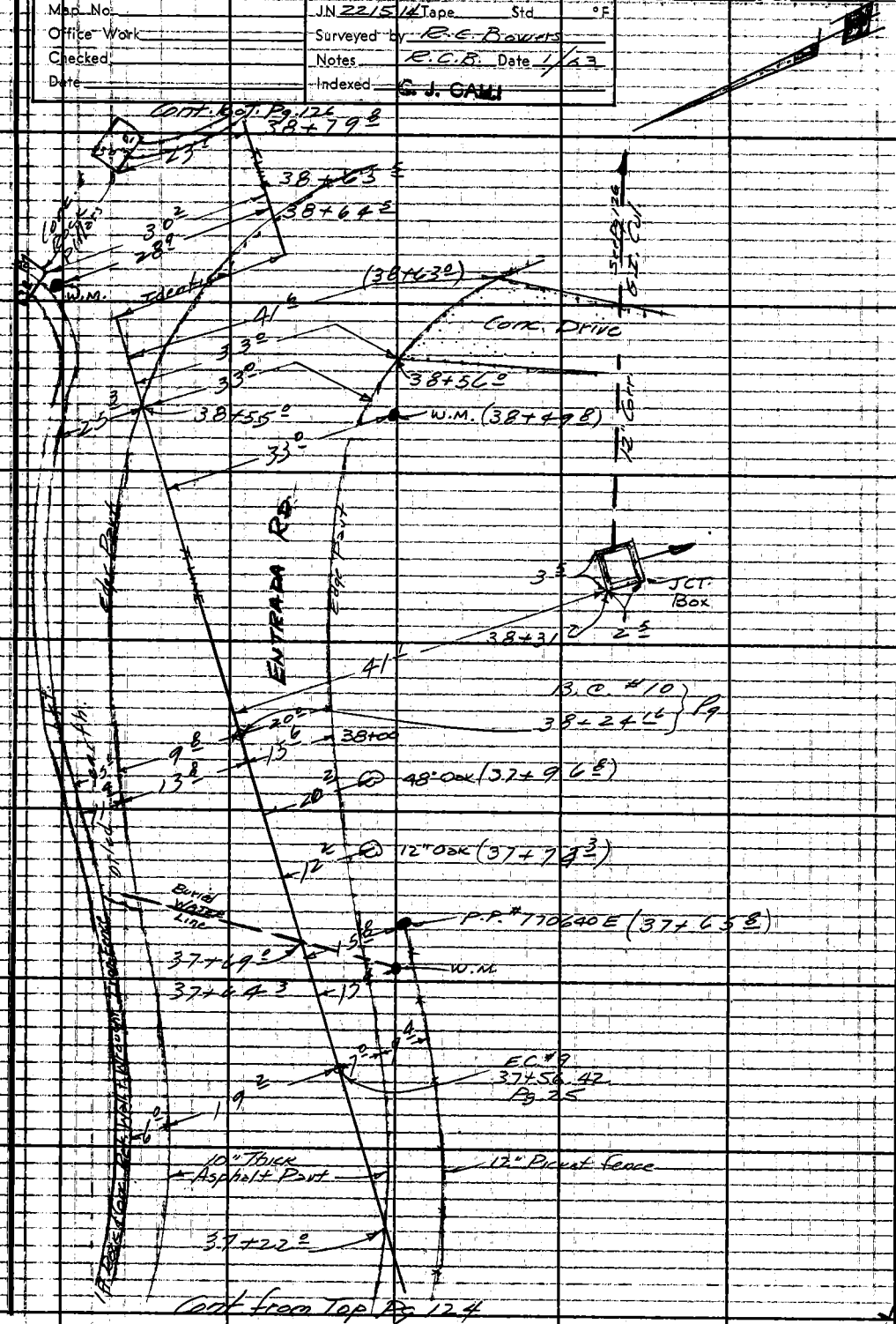
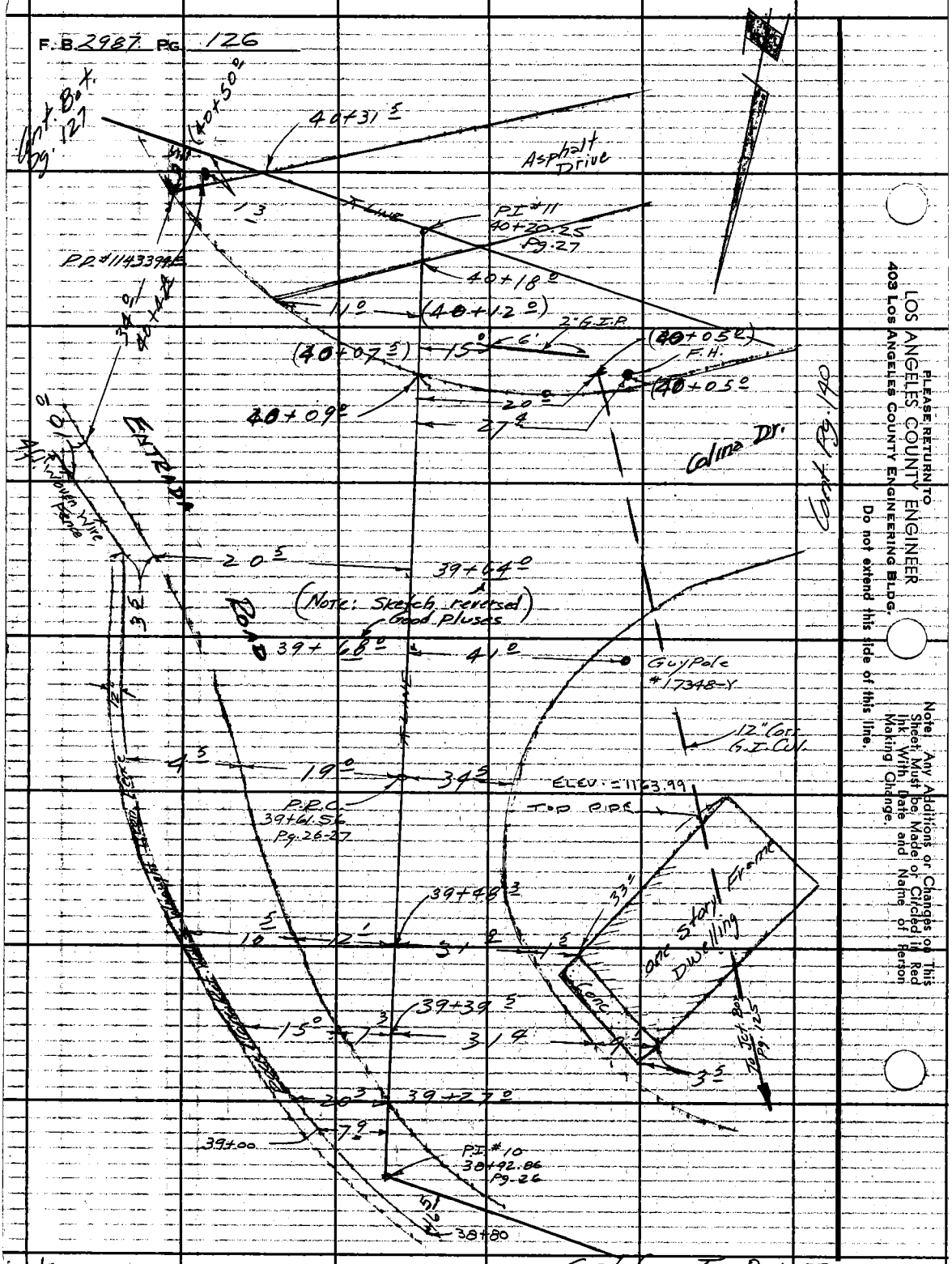


F.B. 2987 PG. 126



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Survey of ENTRADA ROAD
JN 22/5:14 Tape Std °F.
Surveyed by E.C. Bowers
Notes E.C.B. Date 1/63
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F. B. 2987 Pg. 127

Cont. Pg. 141

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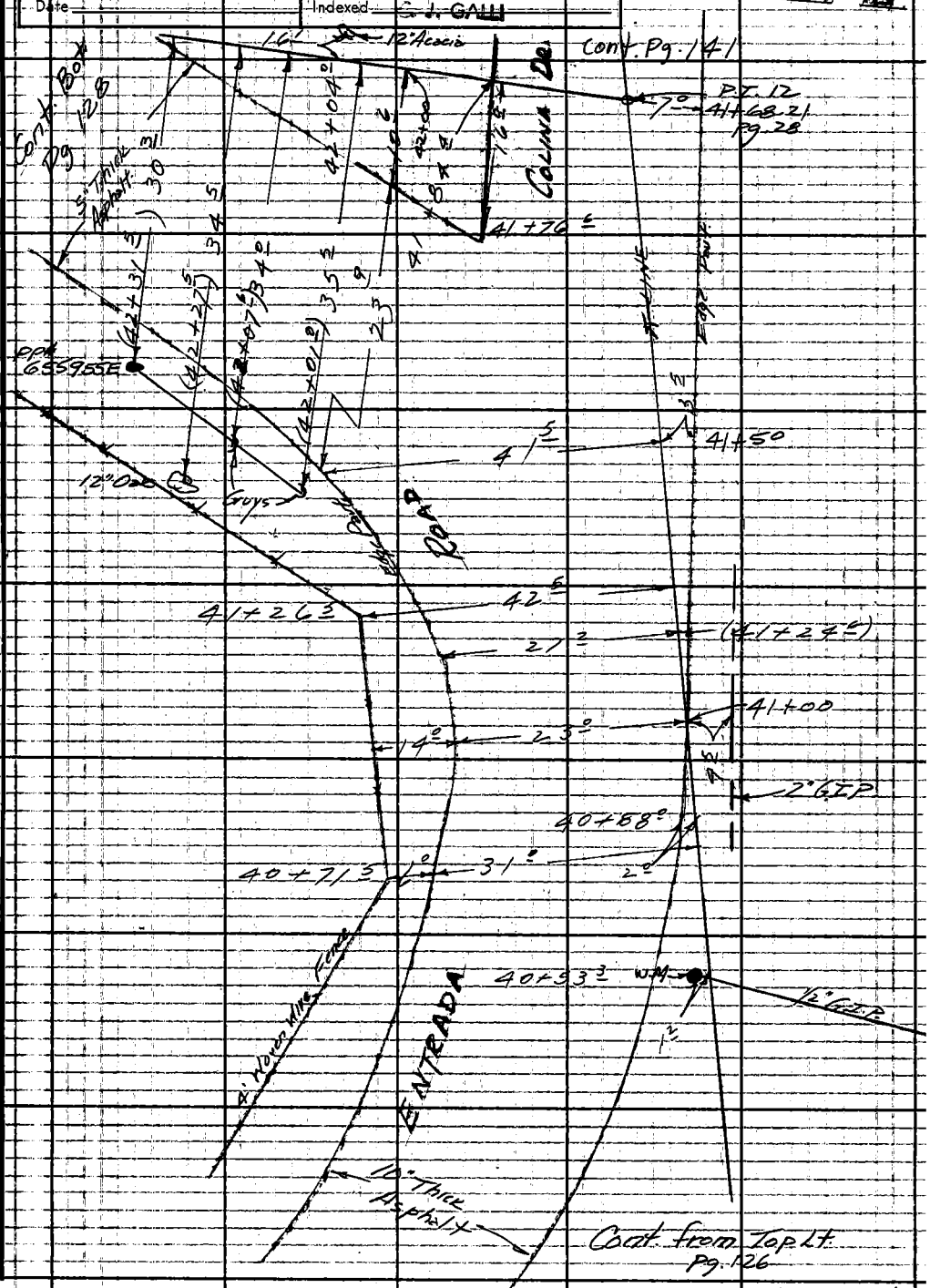

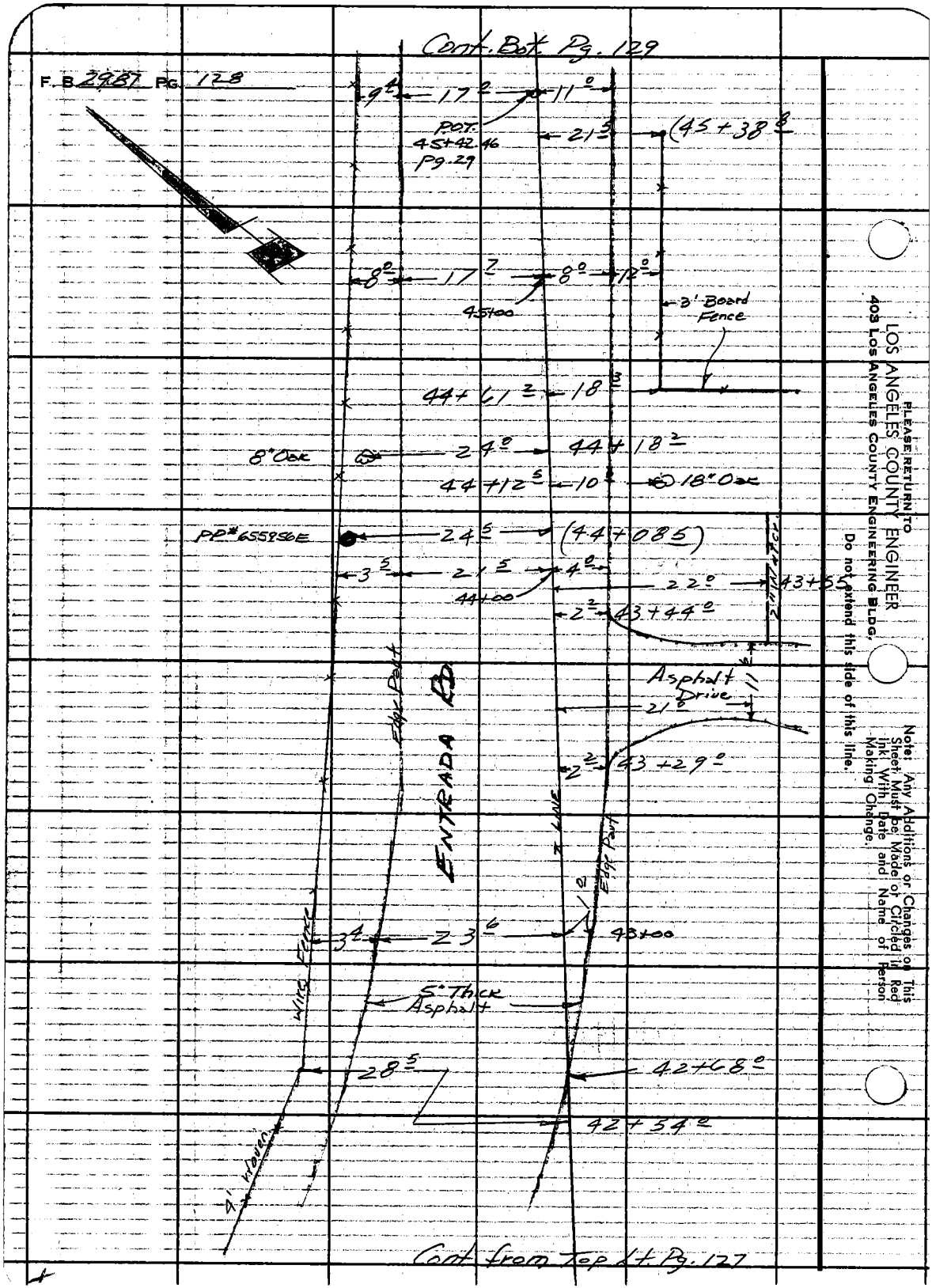

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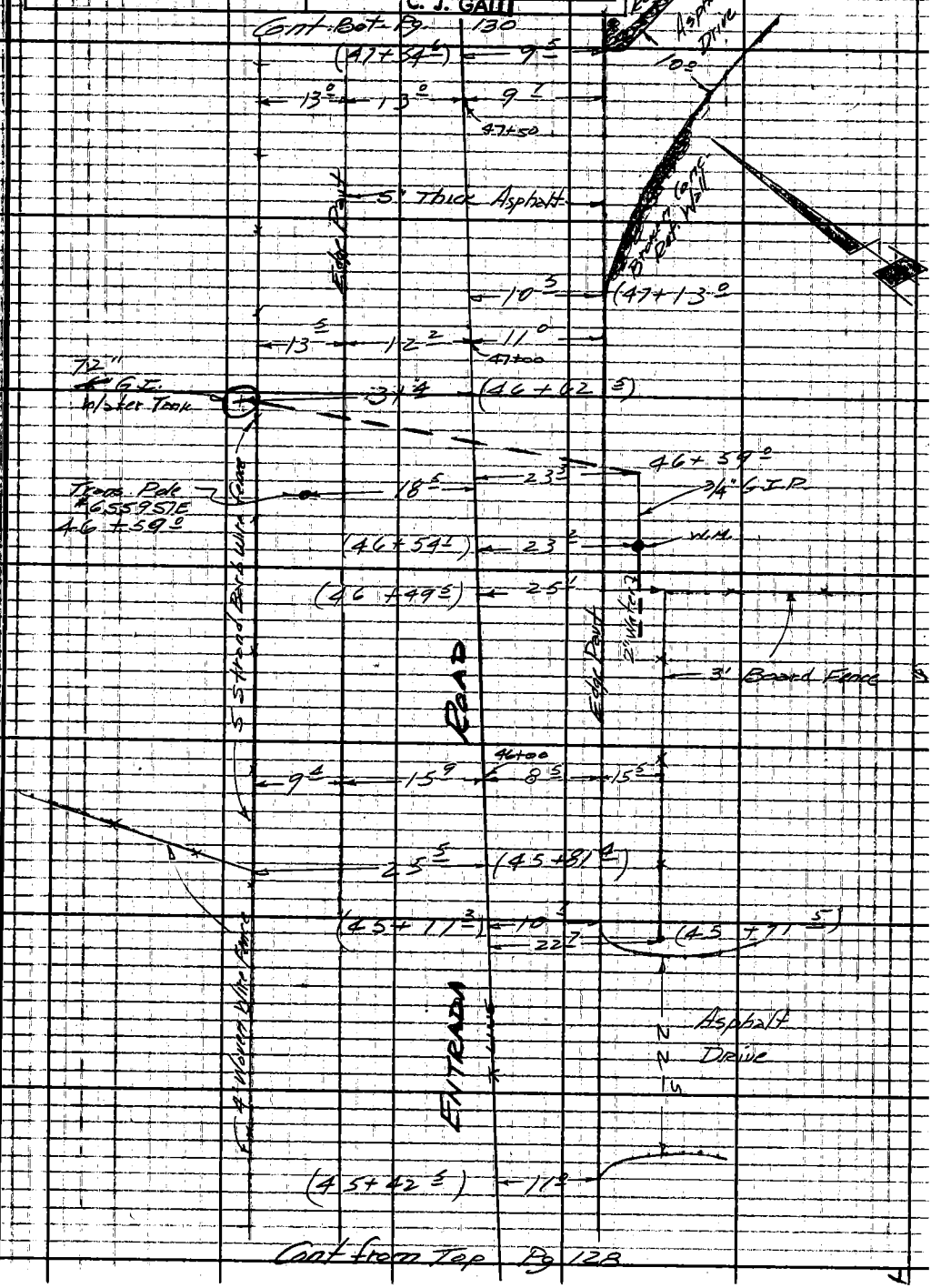
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALLI	



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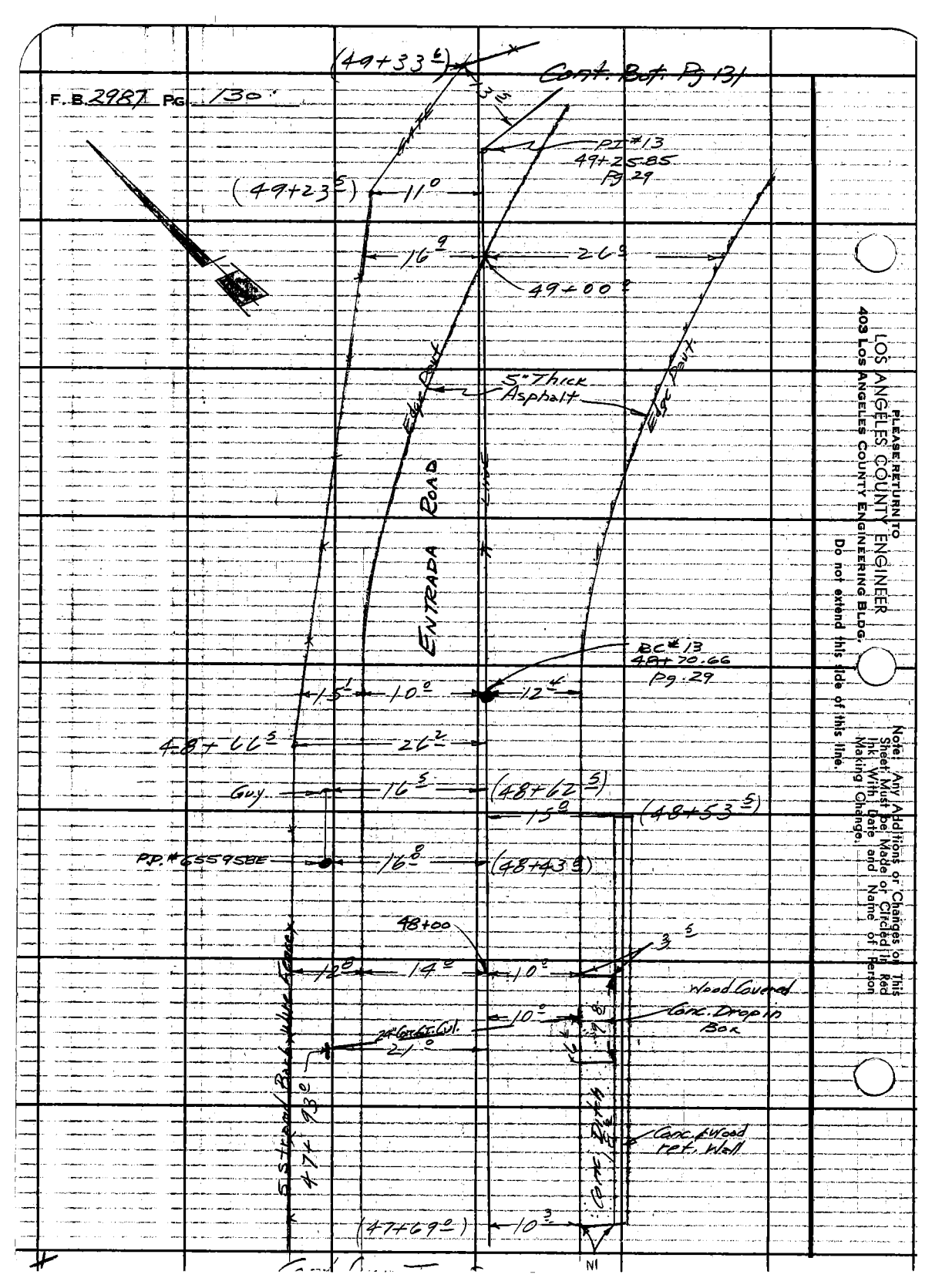
F.B. 2987 PG. 130



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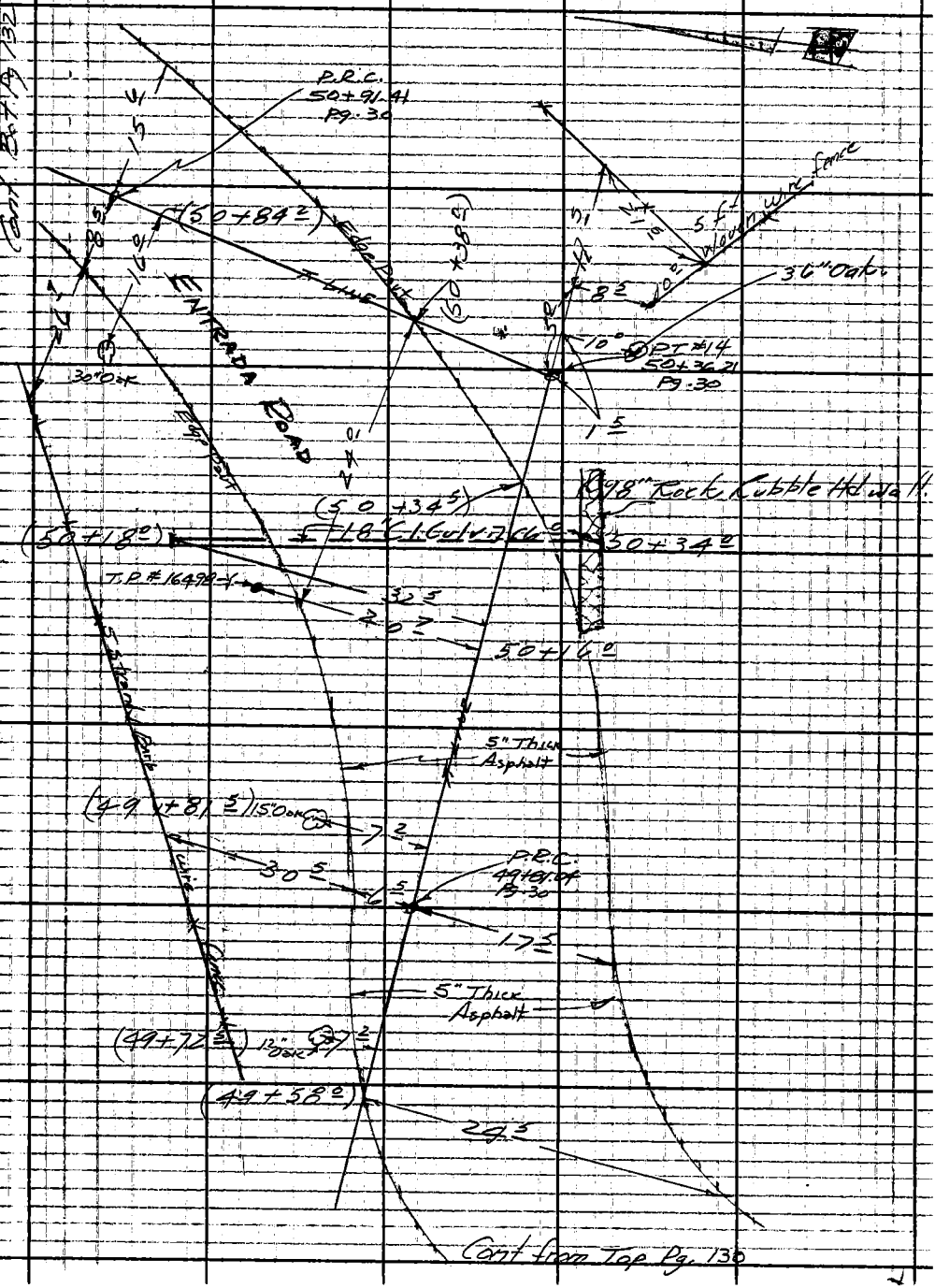
Map No.	JN 2215.14 Tape Std. °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GAILL	



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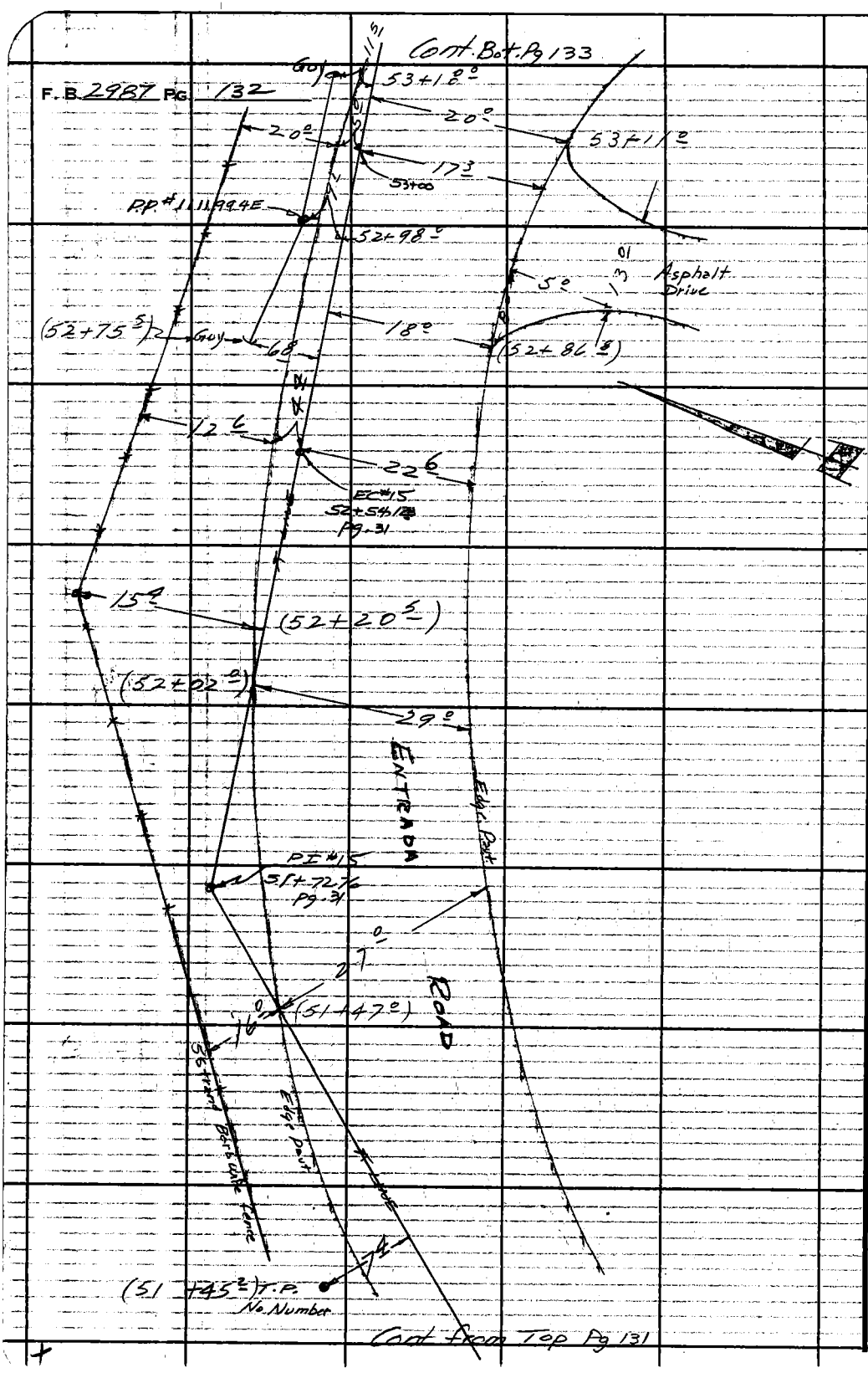

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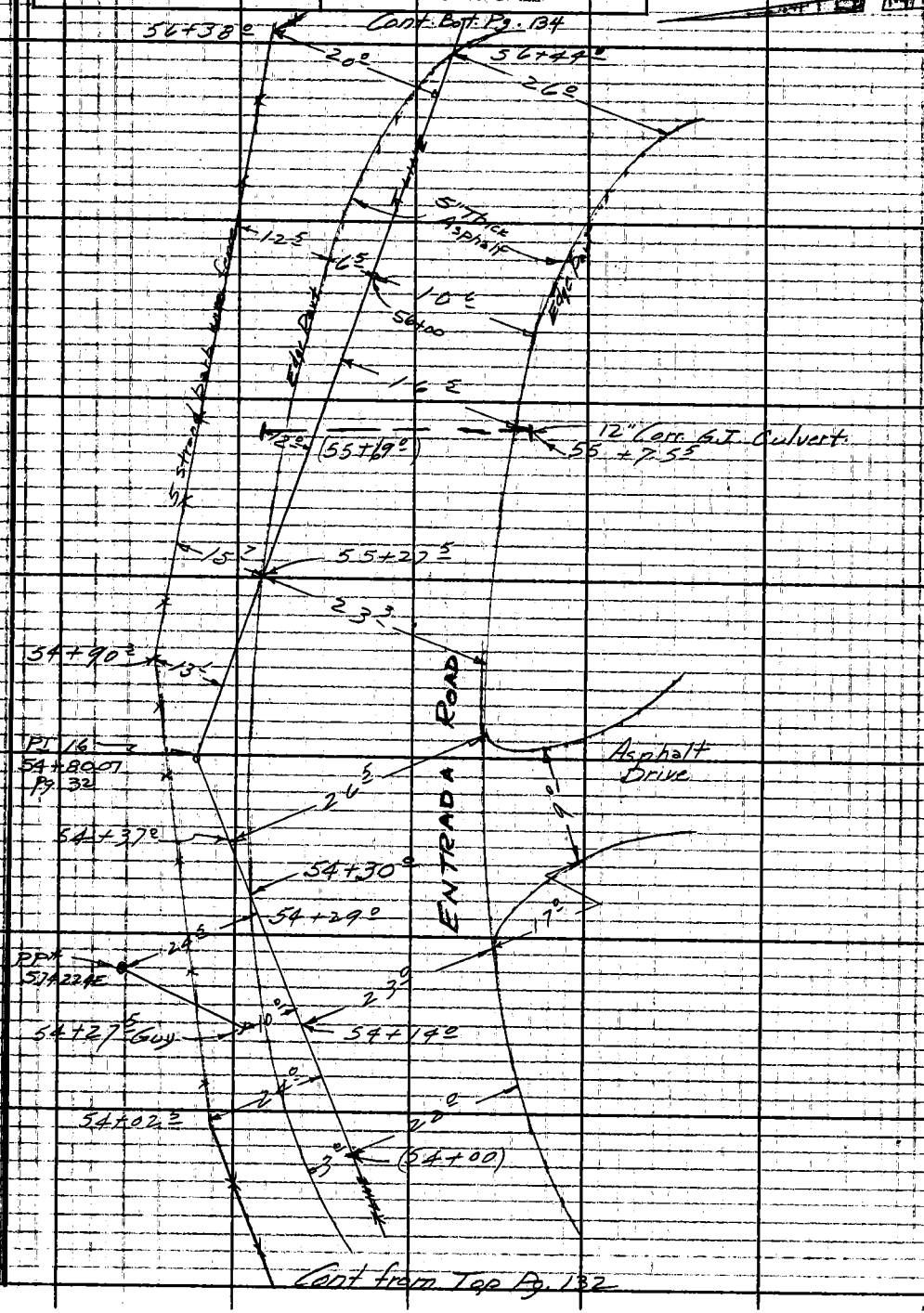
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by RC Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALL	



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F. B 2987 Pg. 134

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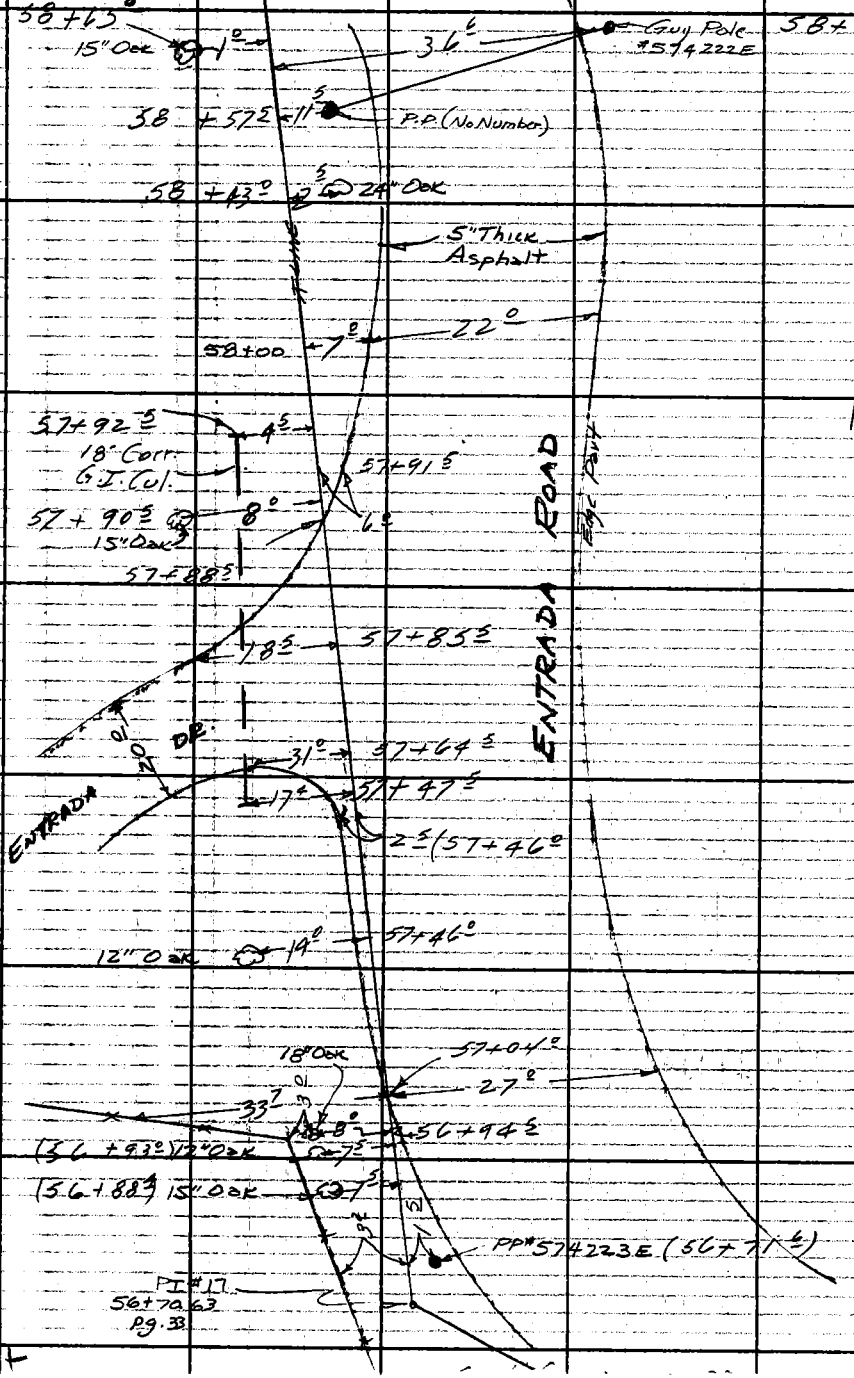

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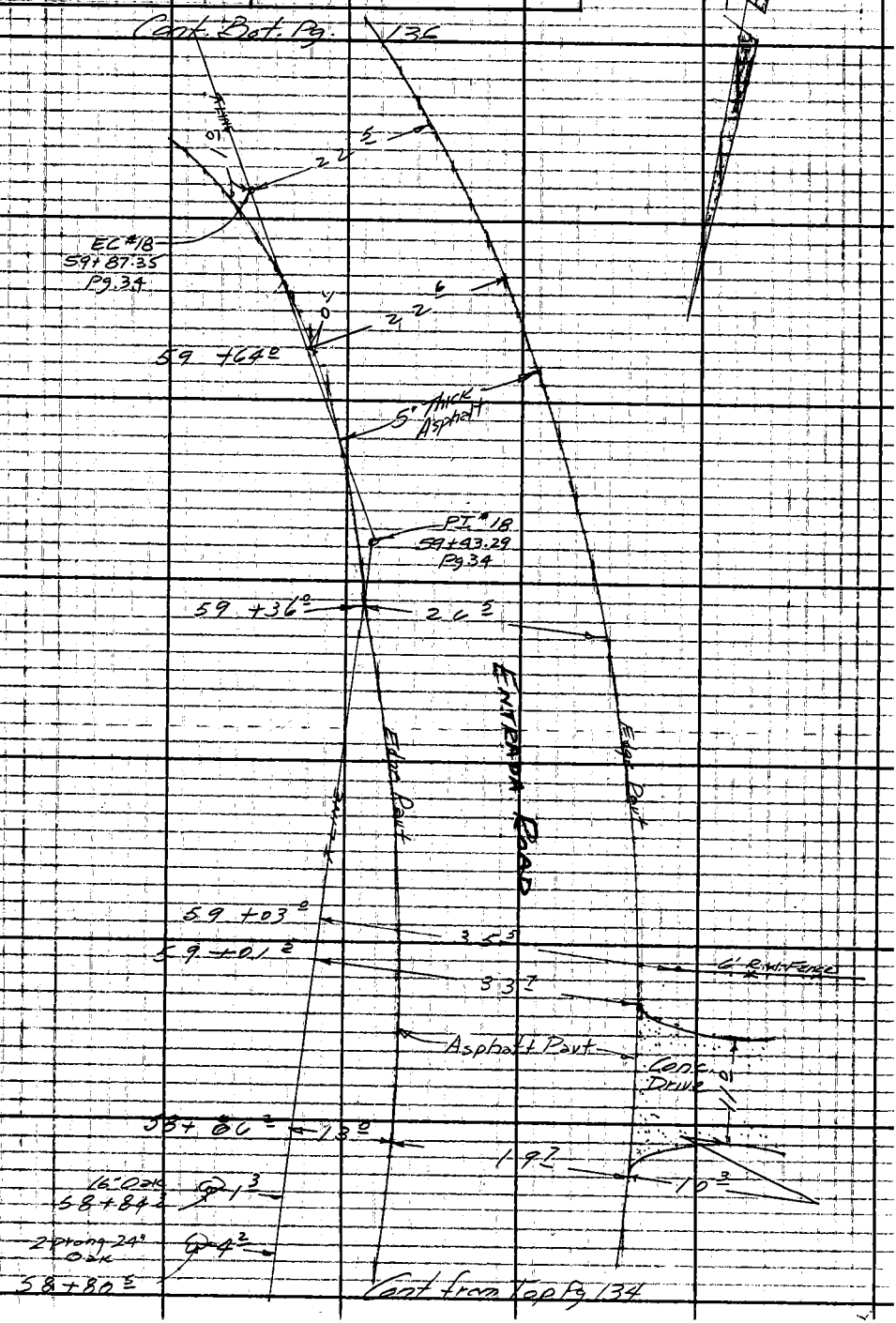
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed R. J. GALLI	



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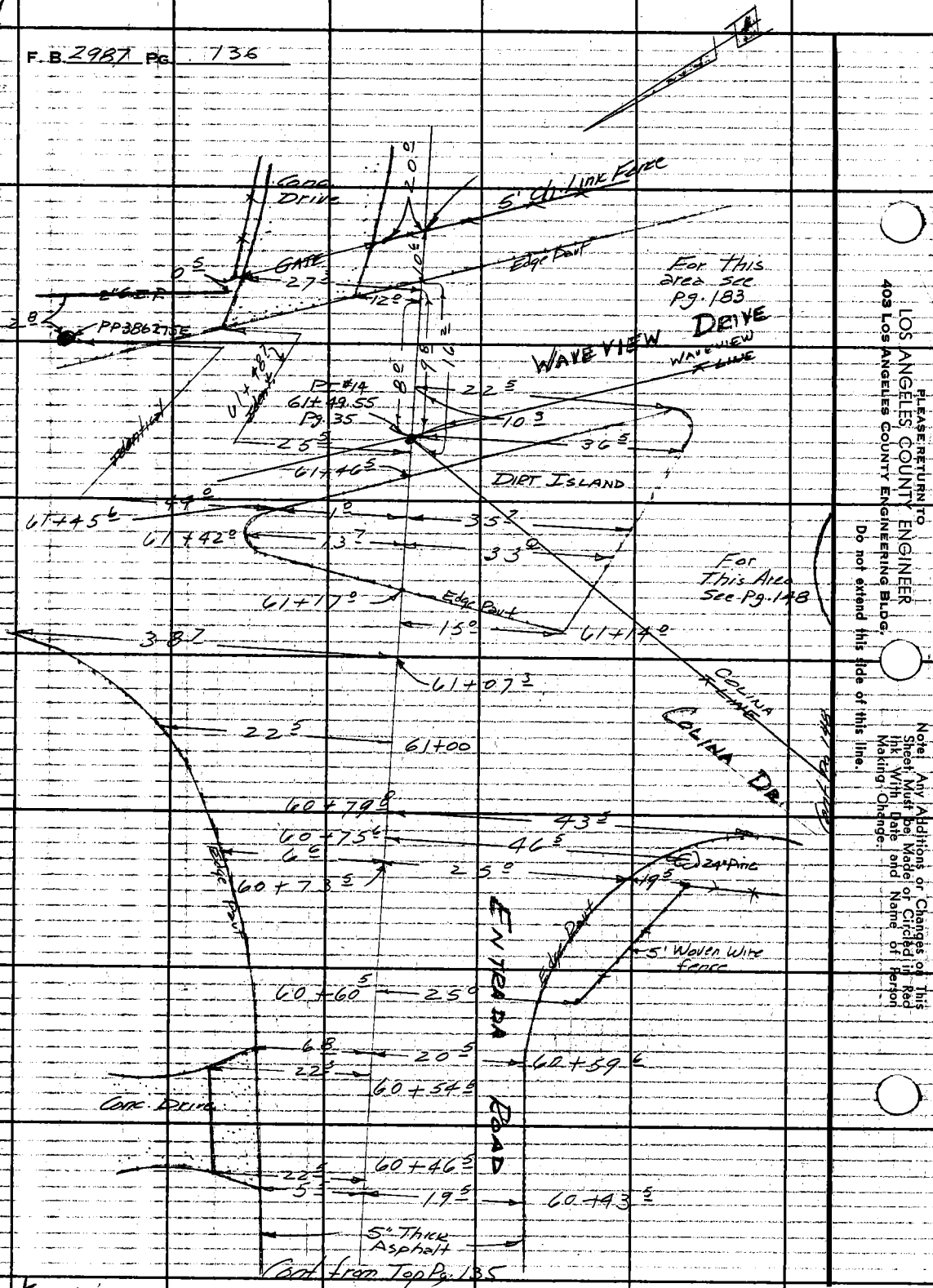
F. B. 2987 Pg. 136



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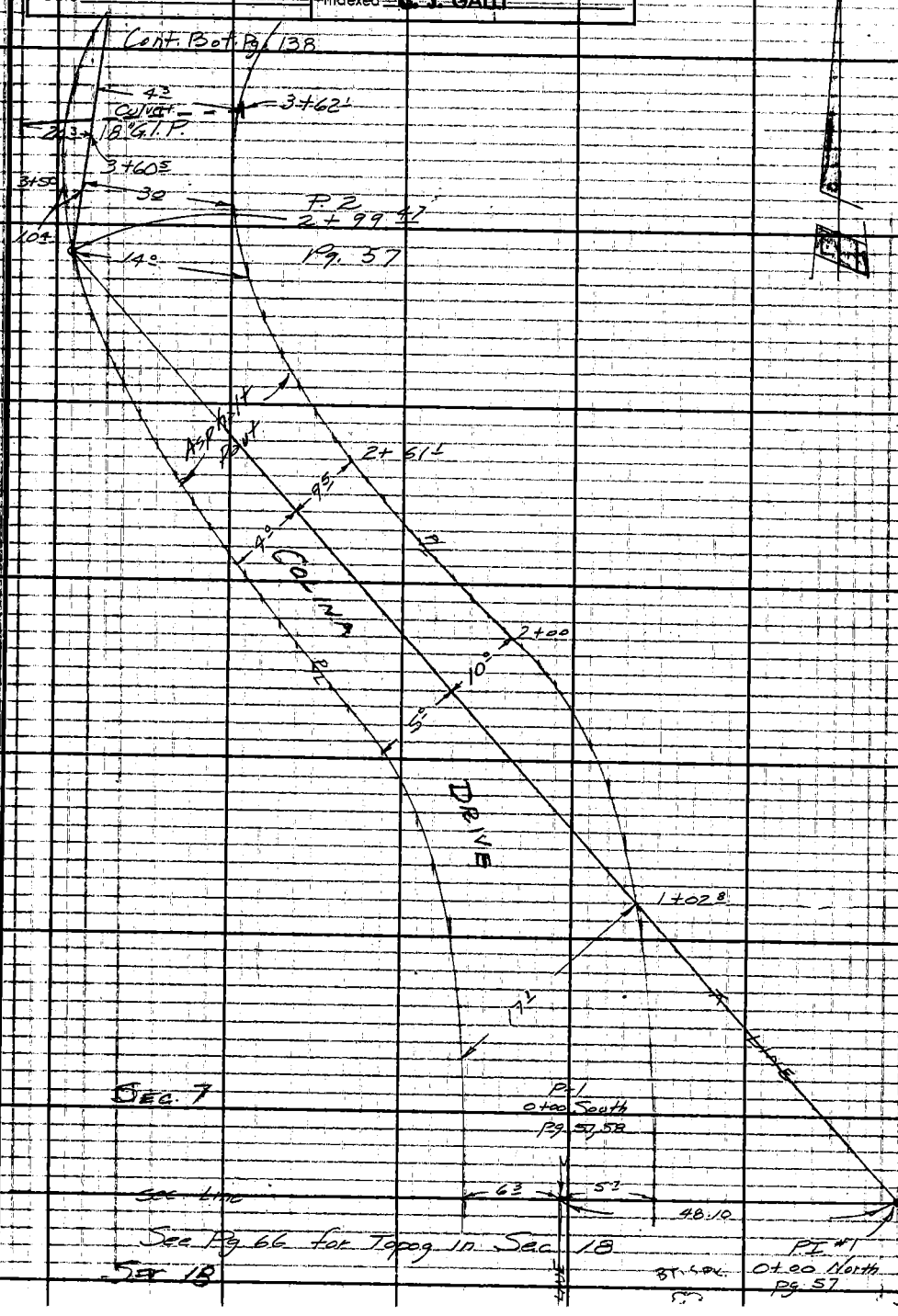
X 144°
P.2
2+99.47
Pg 57

Notes Ck'd by	Survey of COLINA DR.
Map No.	JN 221514 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes Smiley Date 1/63
Date	Indexed C. J. GALLI

F. B. 2987 PG. 137



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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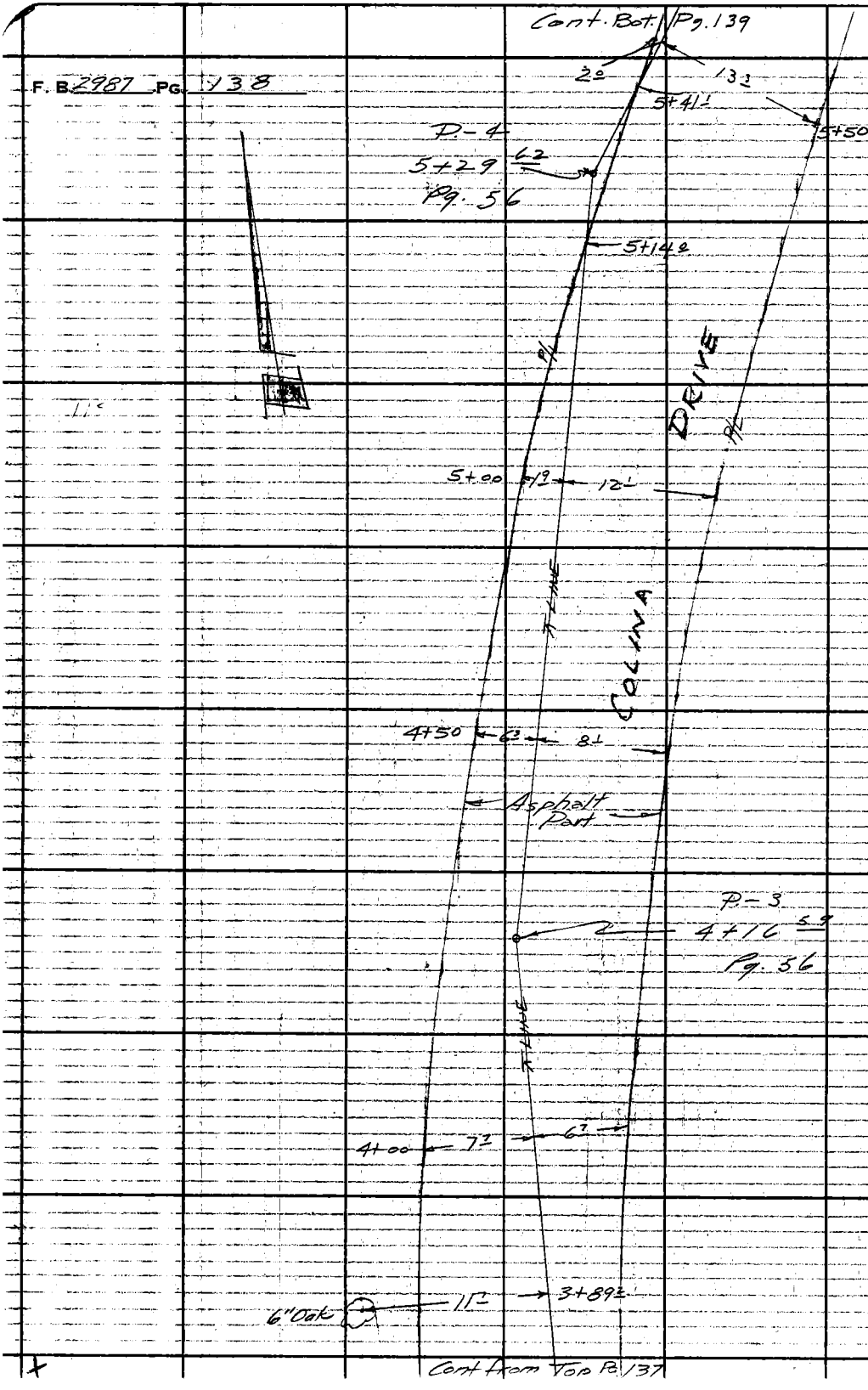
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. 2987 PG. 138



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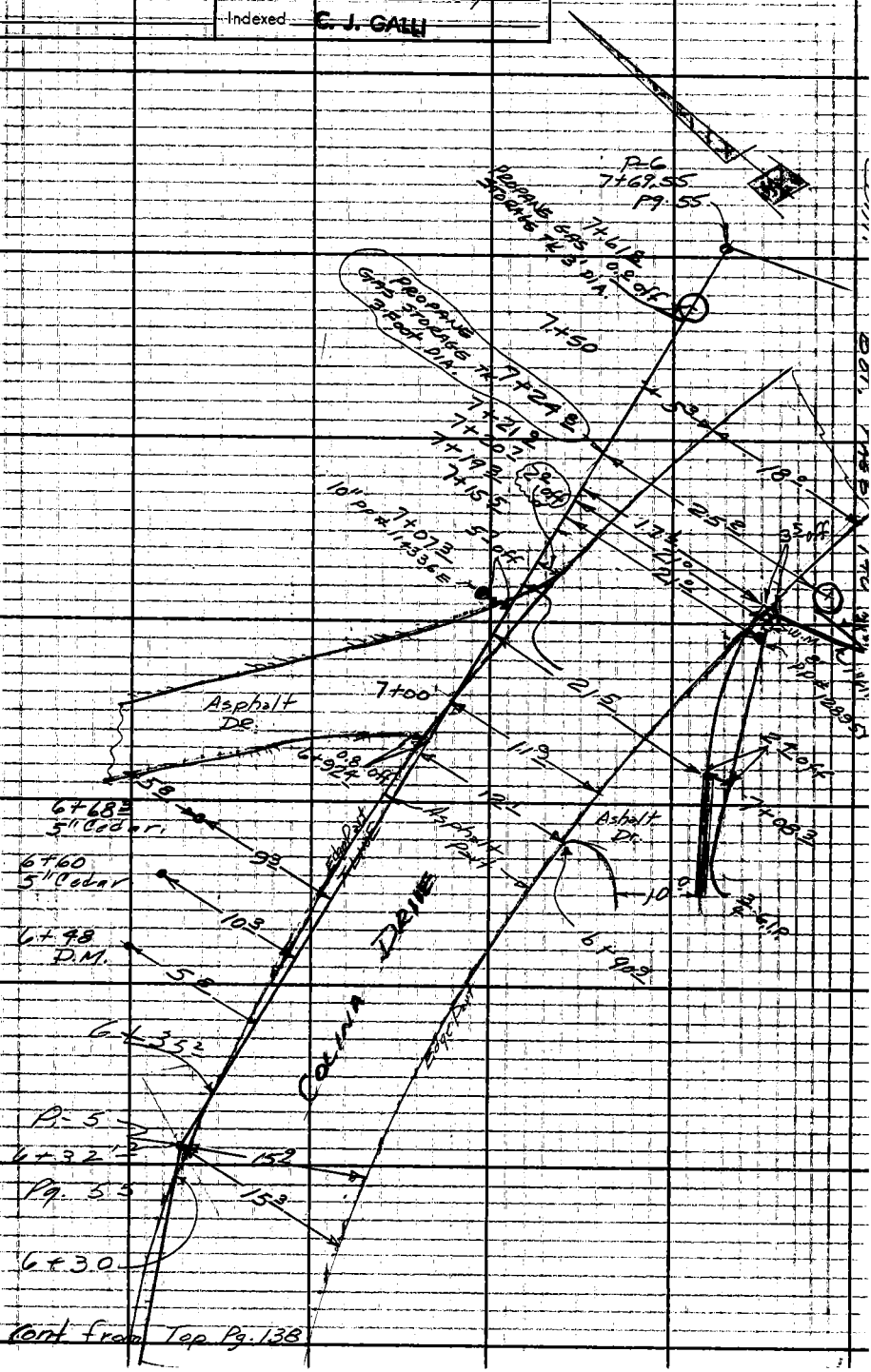
Notes Ck'd by	Survey of Colina Dr.	F. B. 2987 Pg. 139
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes Dover Date 1/63	
Date	Indexed C. J. GALLI	



Cont from Top Pg. 138

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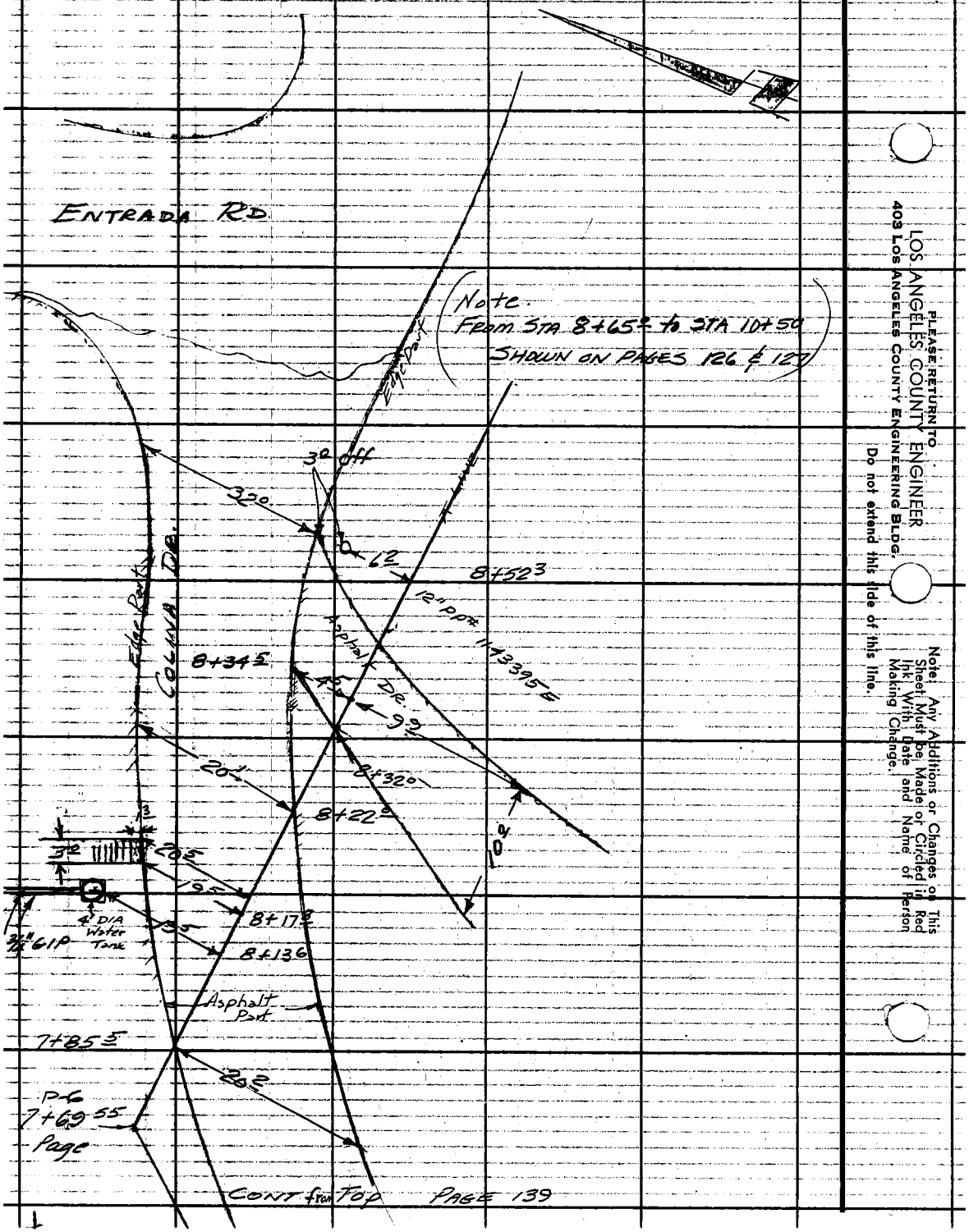
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B. 2987 PG. 140



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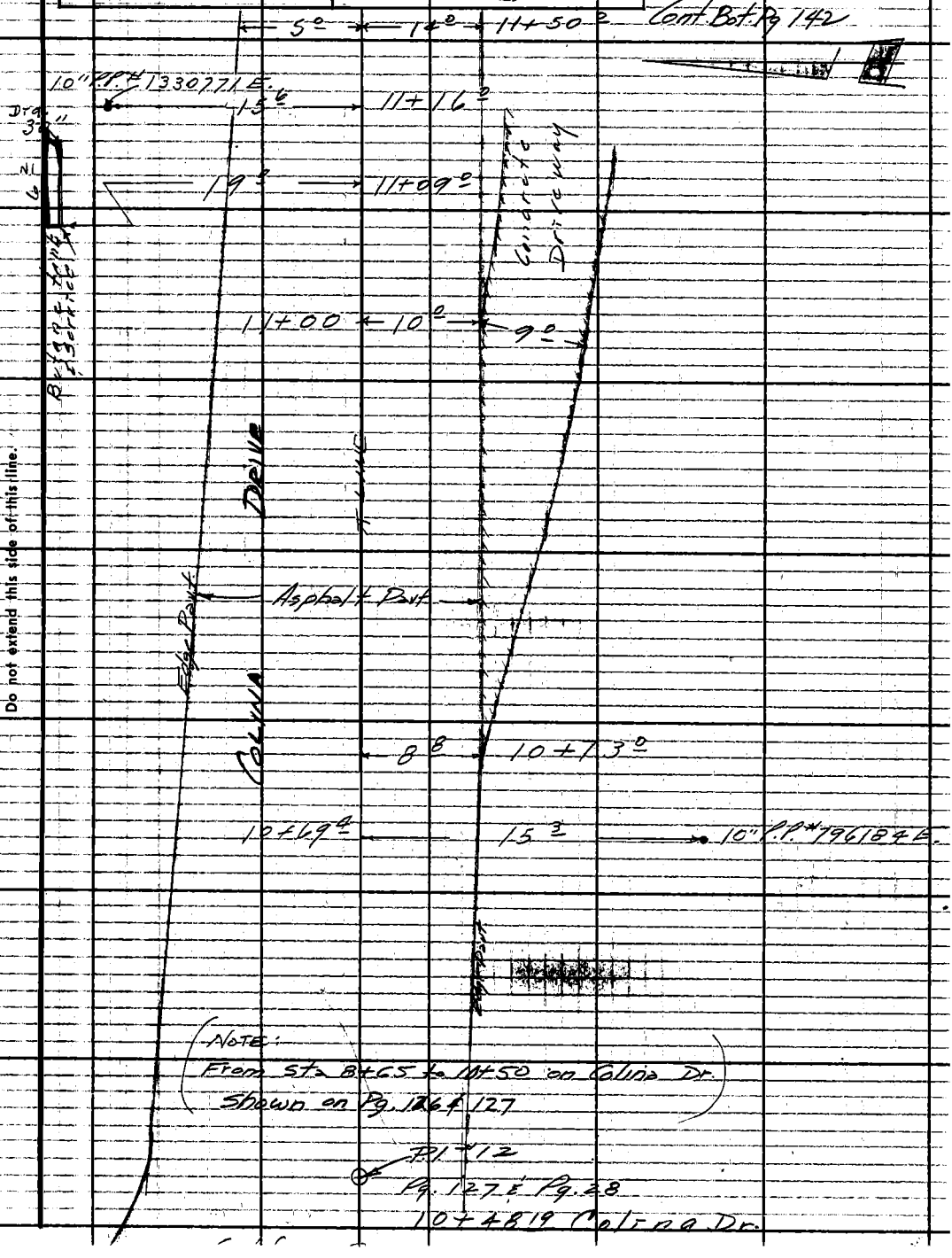
Notes Ck'd by	Survey of Colina Drive	F. B. 2987 Pg. 141
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes Smiley Date 1/63	
Date	Indexed C. J. GALLI	

Cont. Bot. Pg 142



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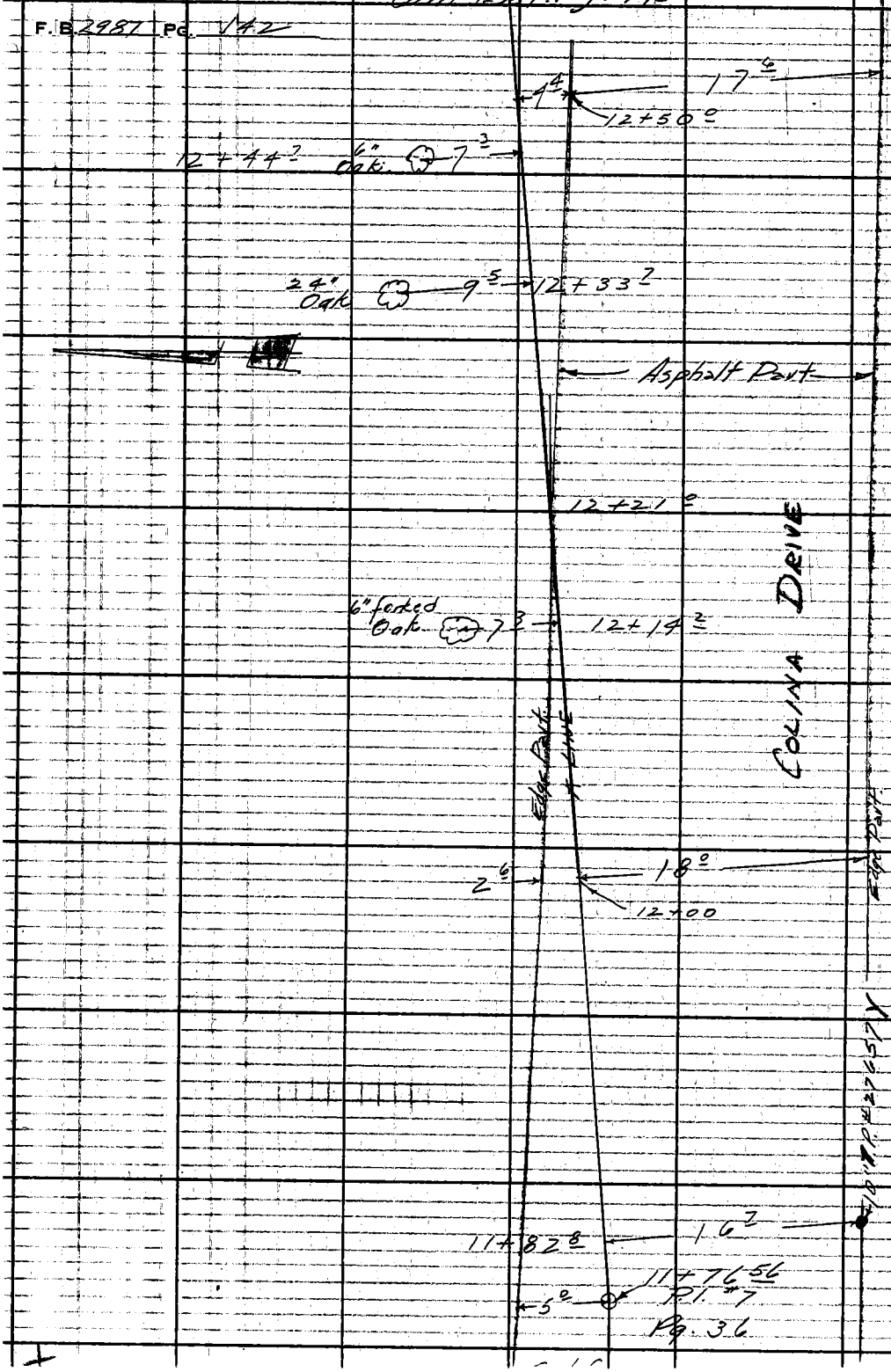
Cont Bot. Pg. 143

F.B. 2987 Pg. 142



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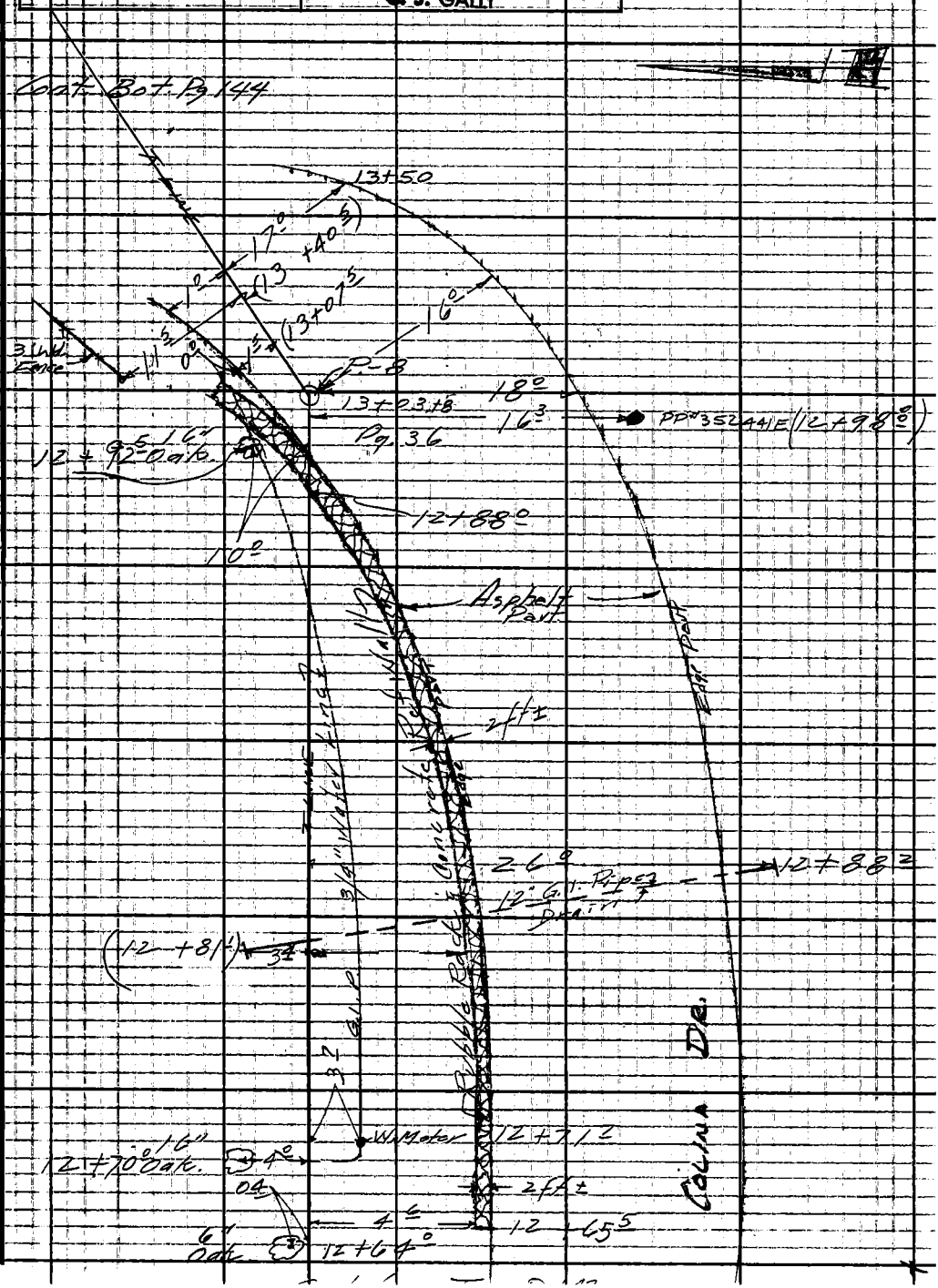
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Colina Drive
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes Smiley Date 1/63
Date	Indexed C. J. GALLI

F. B. 2987 PG. 143



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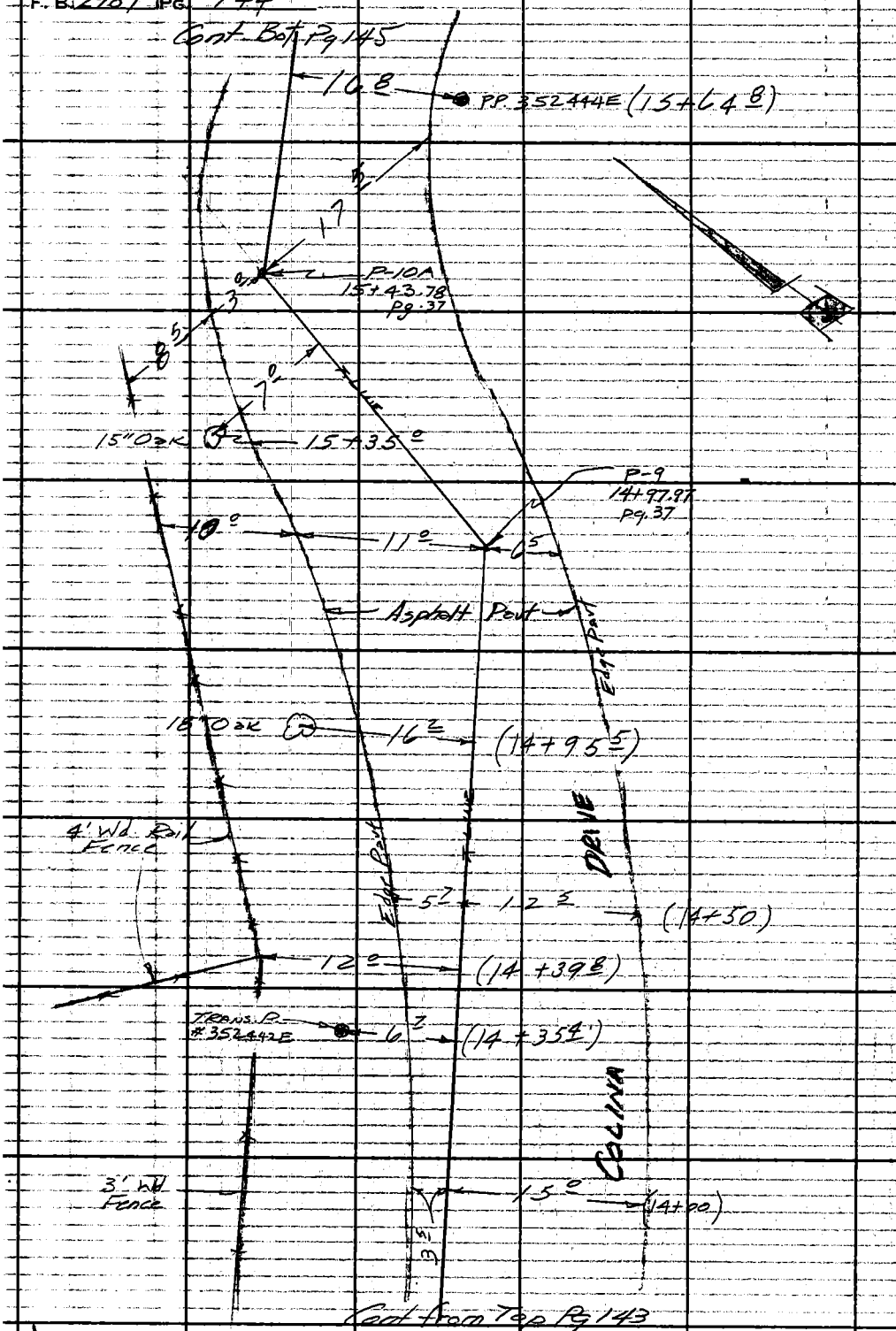
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. 2987 PG. 144

Cont Bot Pg 145



Cont from Top Pg 143

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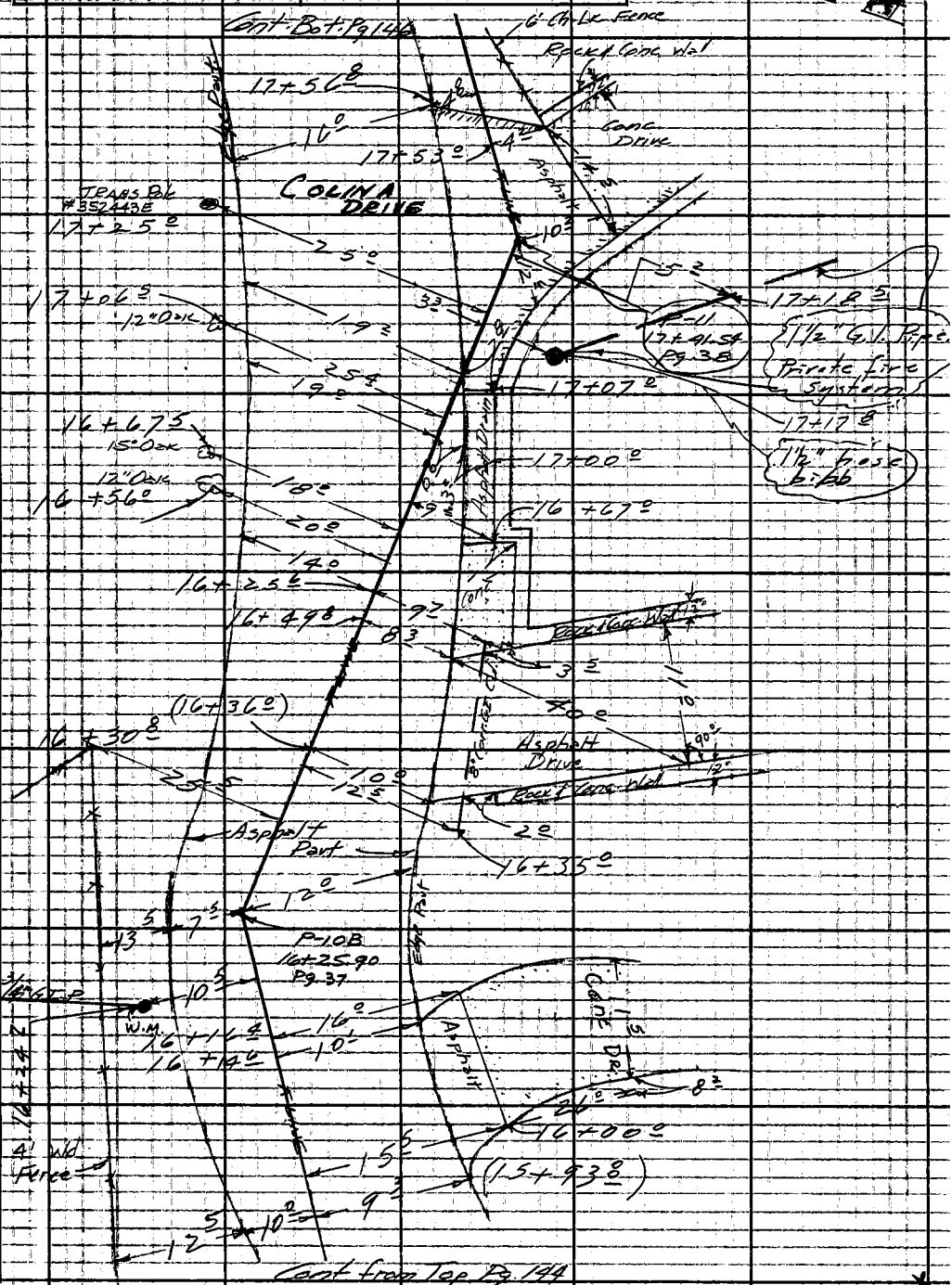
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of COLINA DR.	F. B. 2987 PG. 145
Map No.	J.N. 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed S. J. GALLI	



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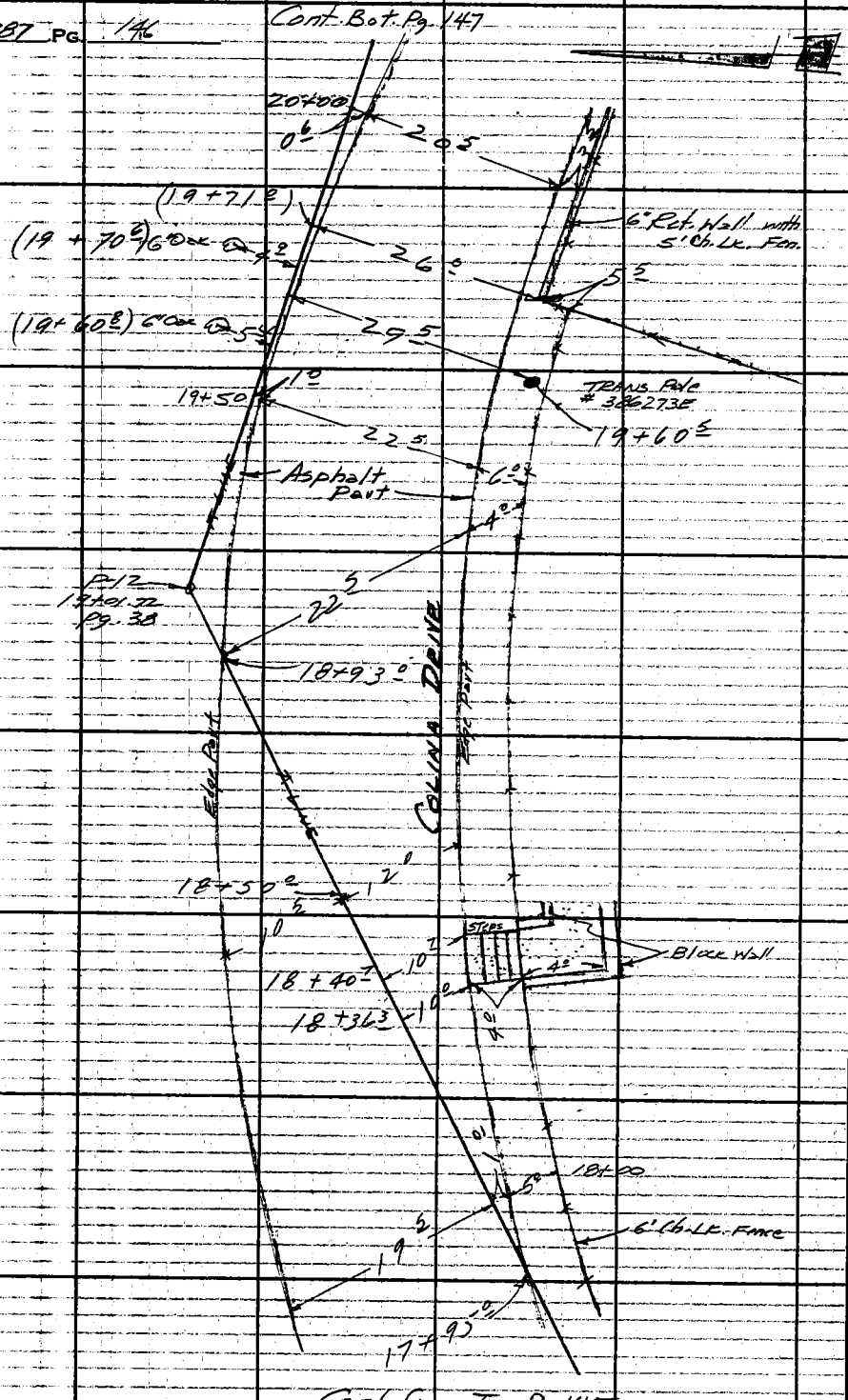
76F309S CE # 310 3-61

F. B. 2987 PG. 146



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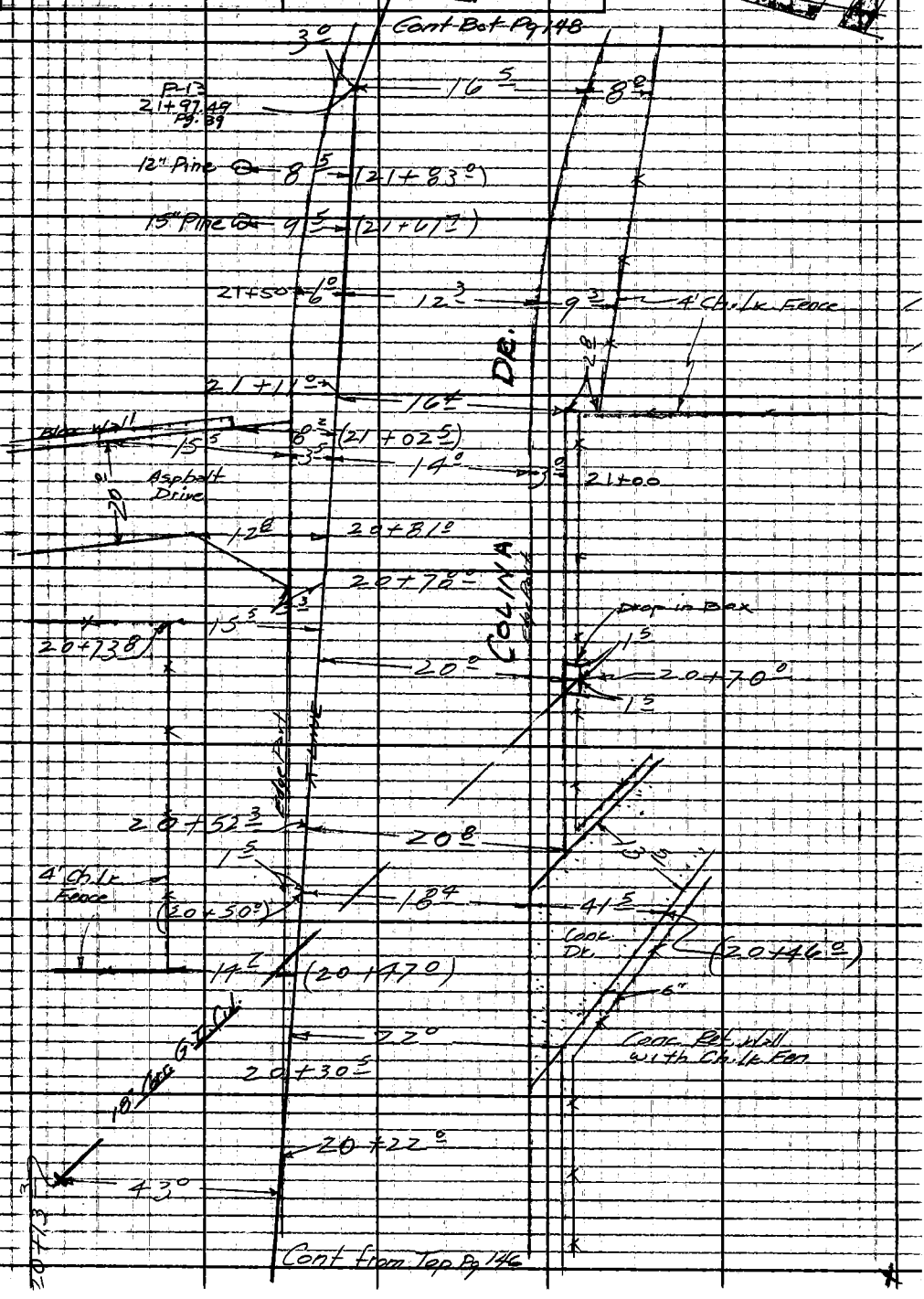
Notes Ck'd by	Survey of COLINA DRIVE	F. B. 2987 PG. 147
Map No.	J.N. 2215.14 Tape Std °F	
Office Work	Surveyed by R.E. Bower	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALLI	



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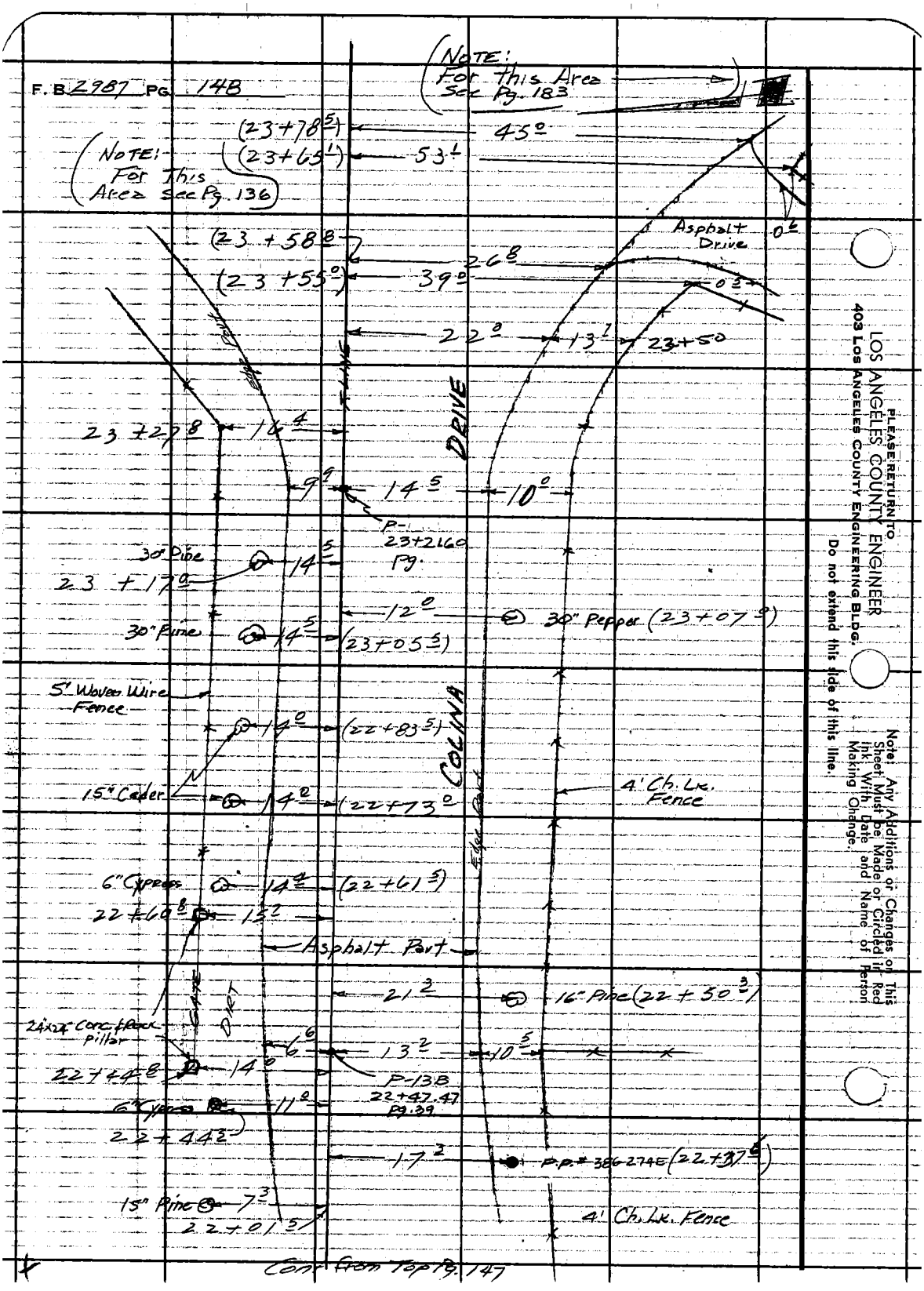

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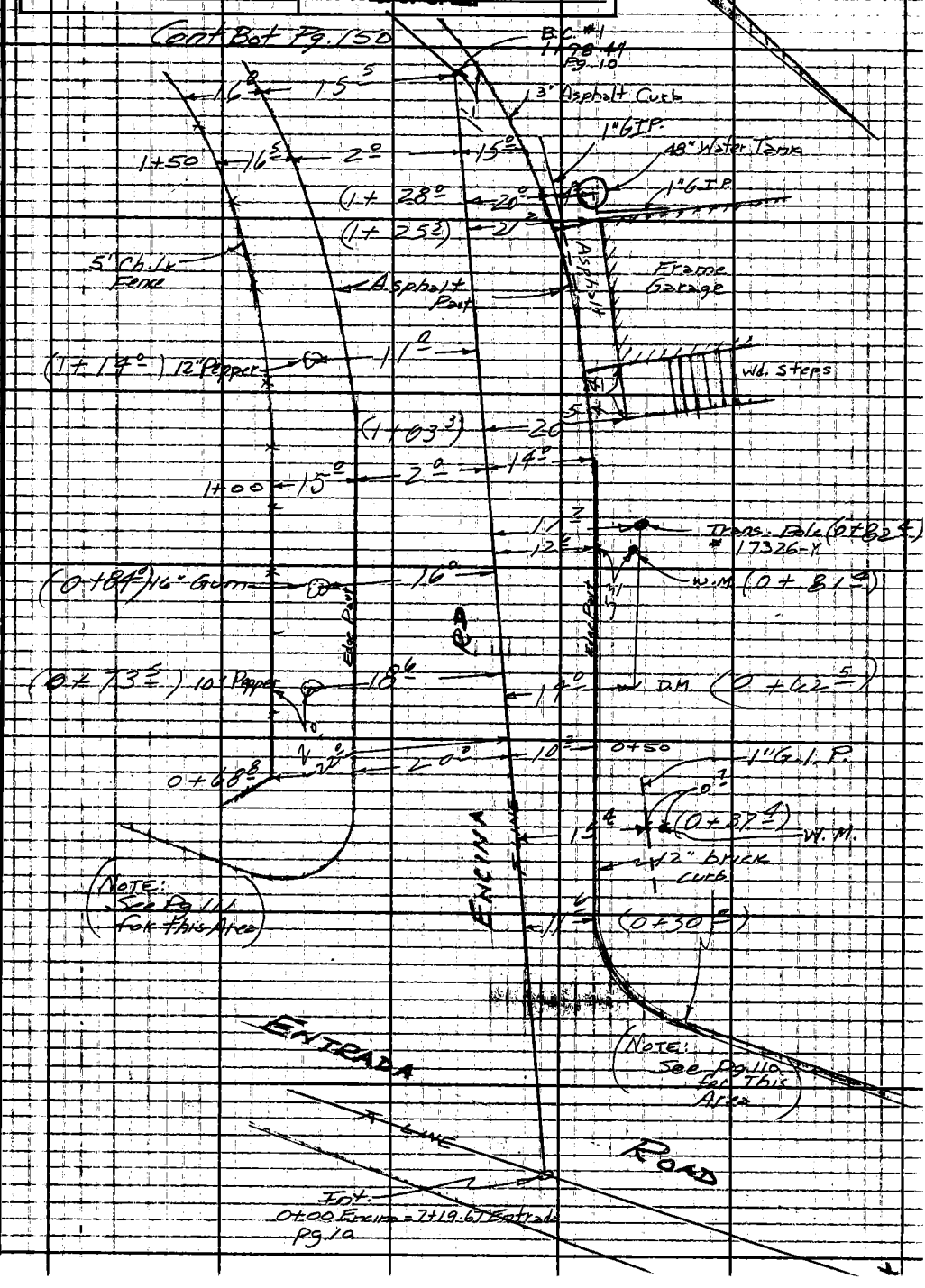
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ENCINA RD	F. B. 2987 PG. 149
Map No.	J.N. 2215.14 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALLI	



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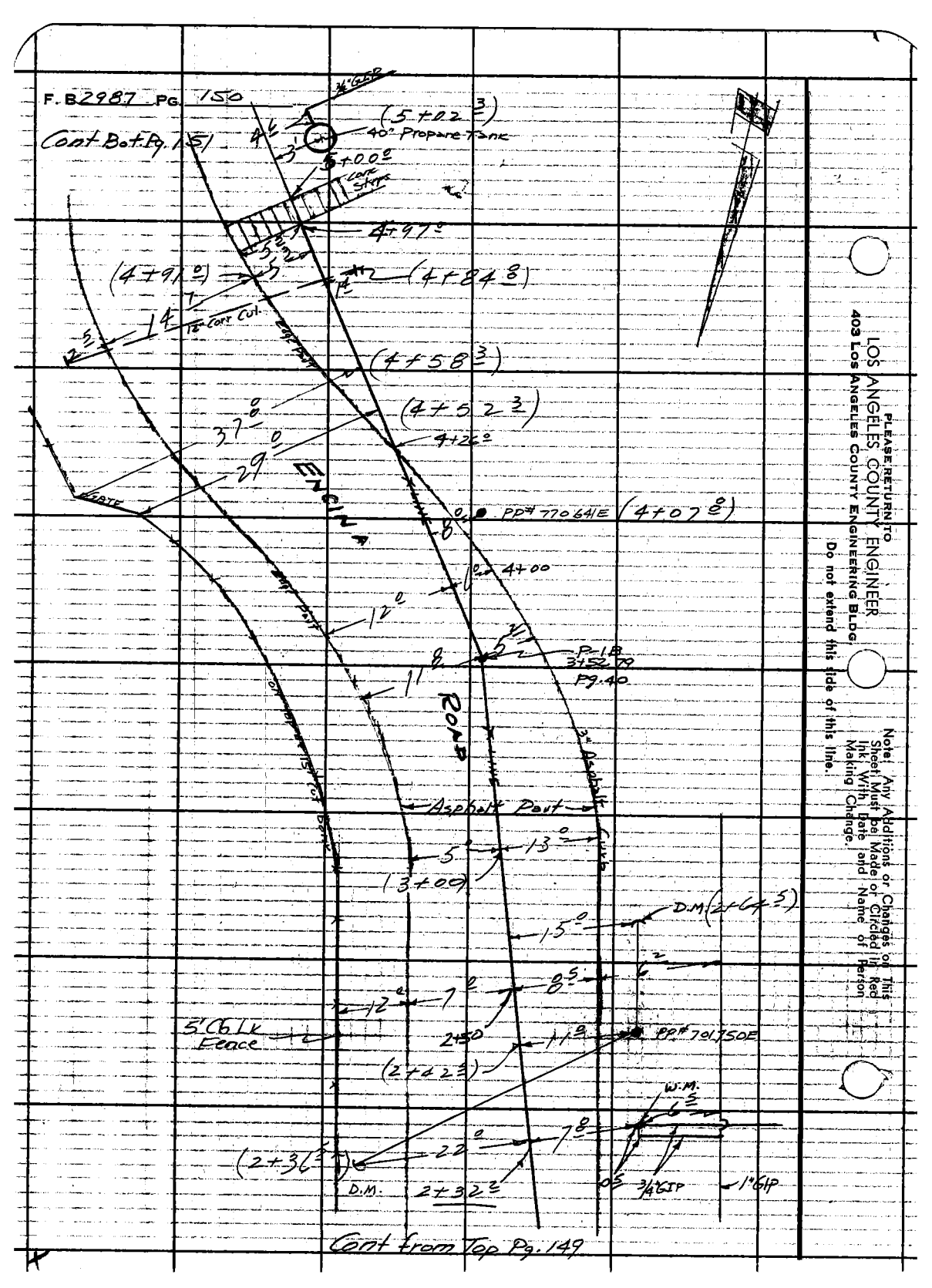
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B 2987 Pg. 150

Cont Bot. Pg. 151



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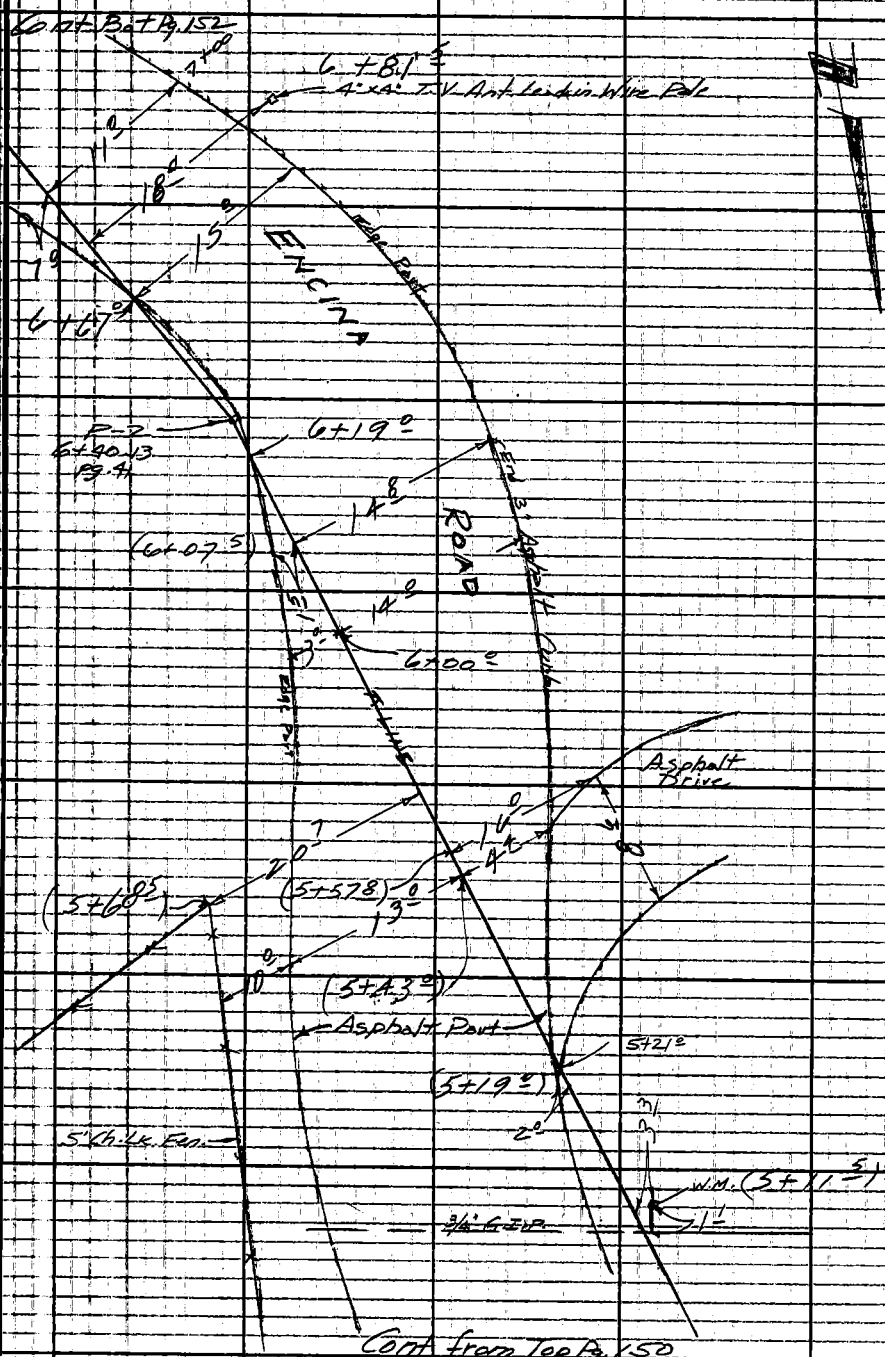
Notes Ck'd by	Survey of ENCINA Rd.	F. B. 2987 PG. 151
Map No.	J.N. 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B Date 1/63	
Date	Indexed C. J. GALL	



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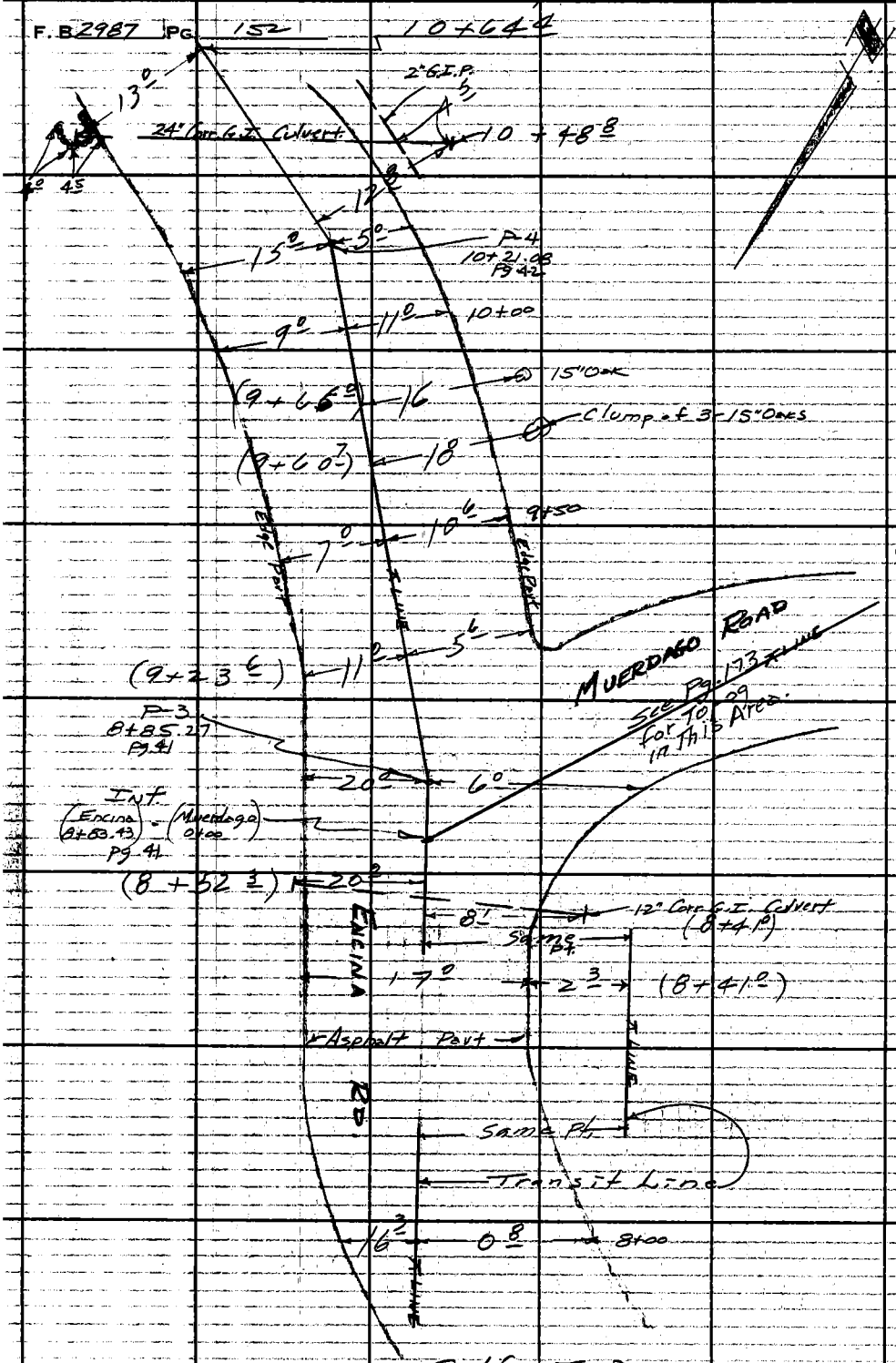
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

Cont. Bot. Pg. 153

F. B 2987 PG. 152



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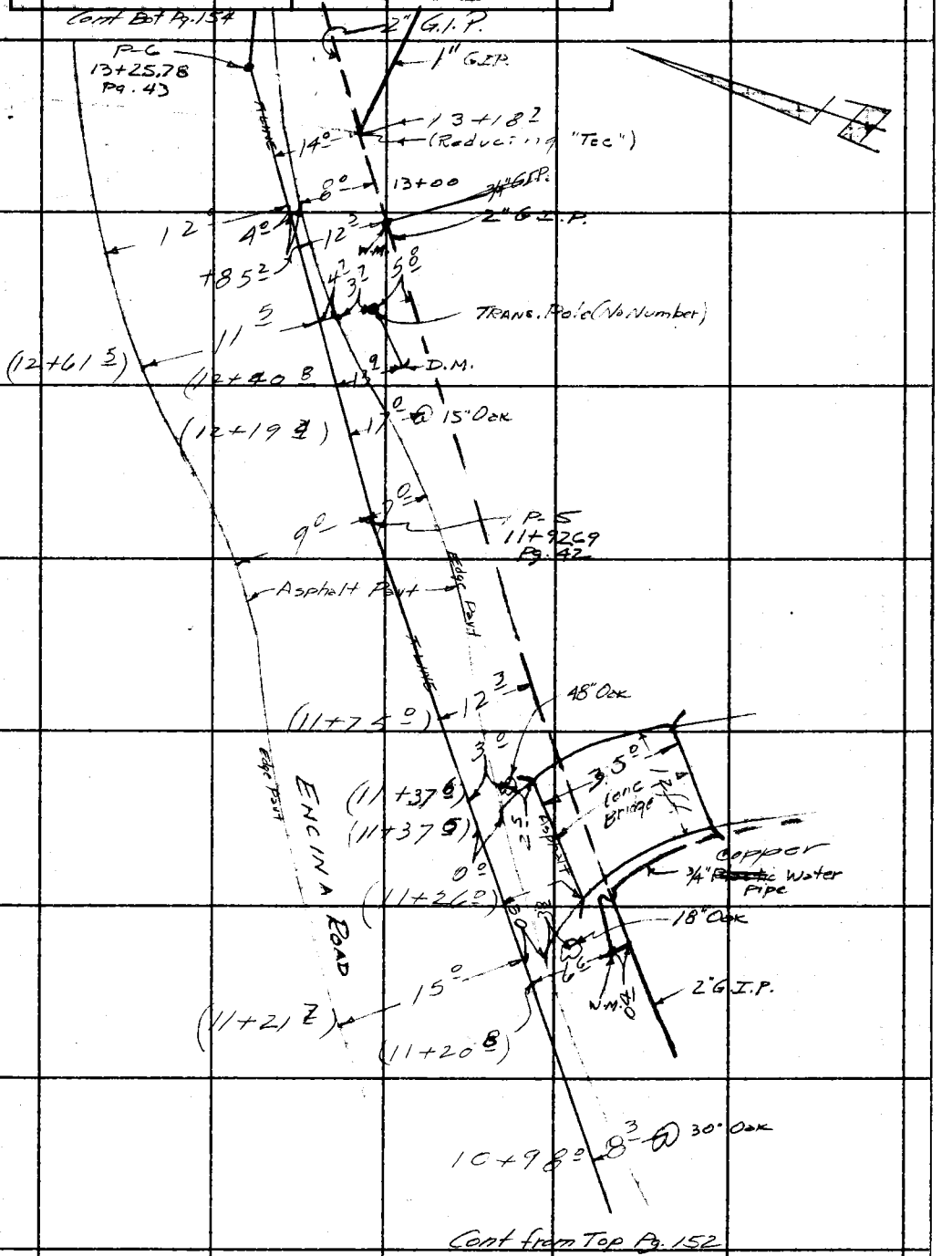
Notes Ck'd by	Survey of ENCINA ROAD	F. B. 2987 PG. 153
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by E.C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALLI	



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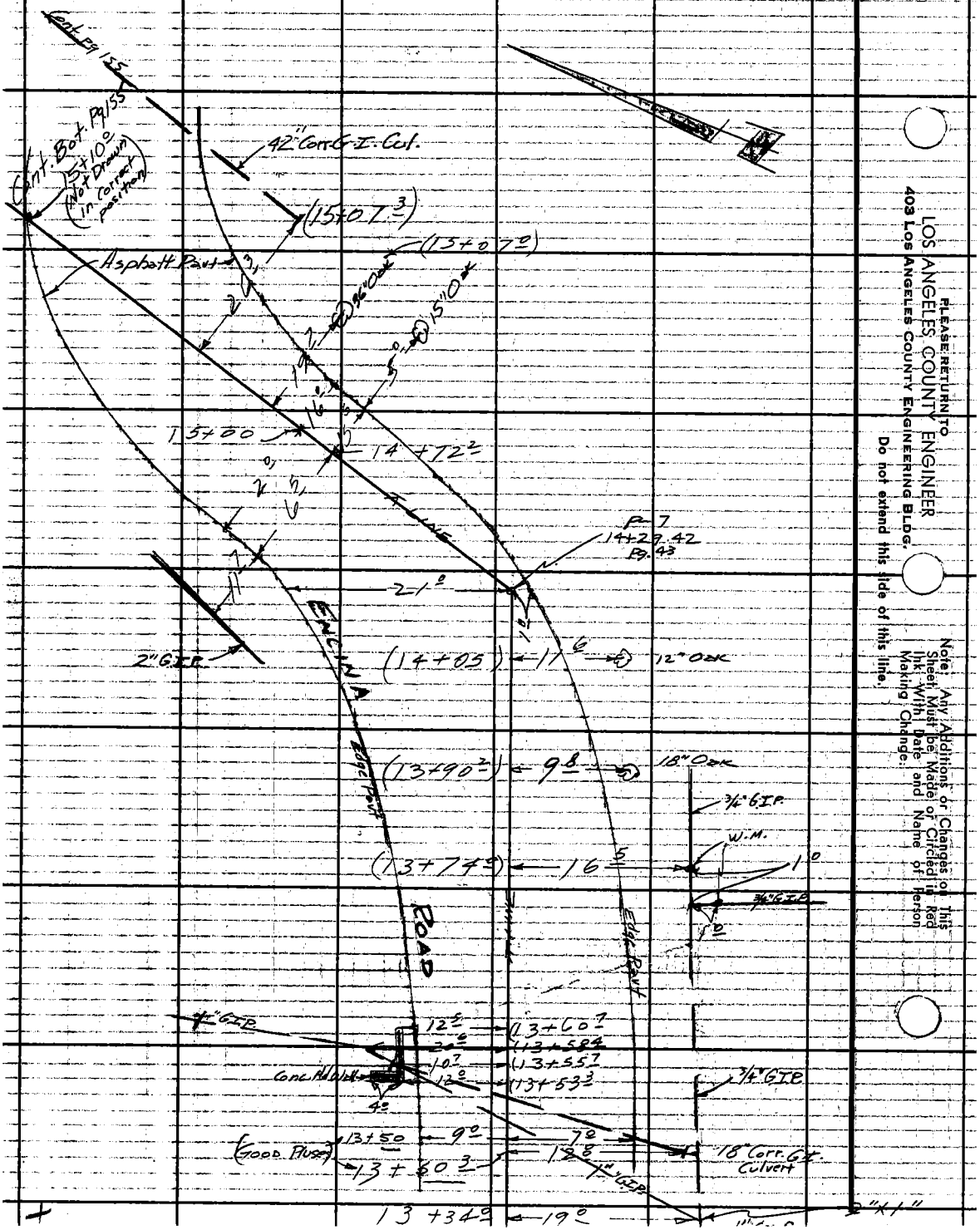
F.B. 2987 Pg. 154



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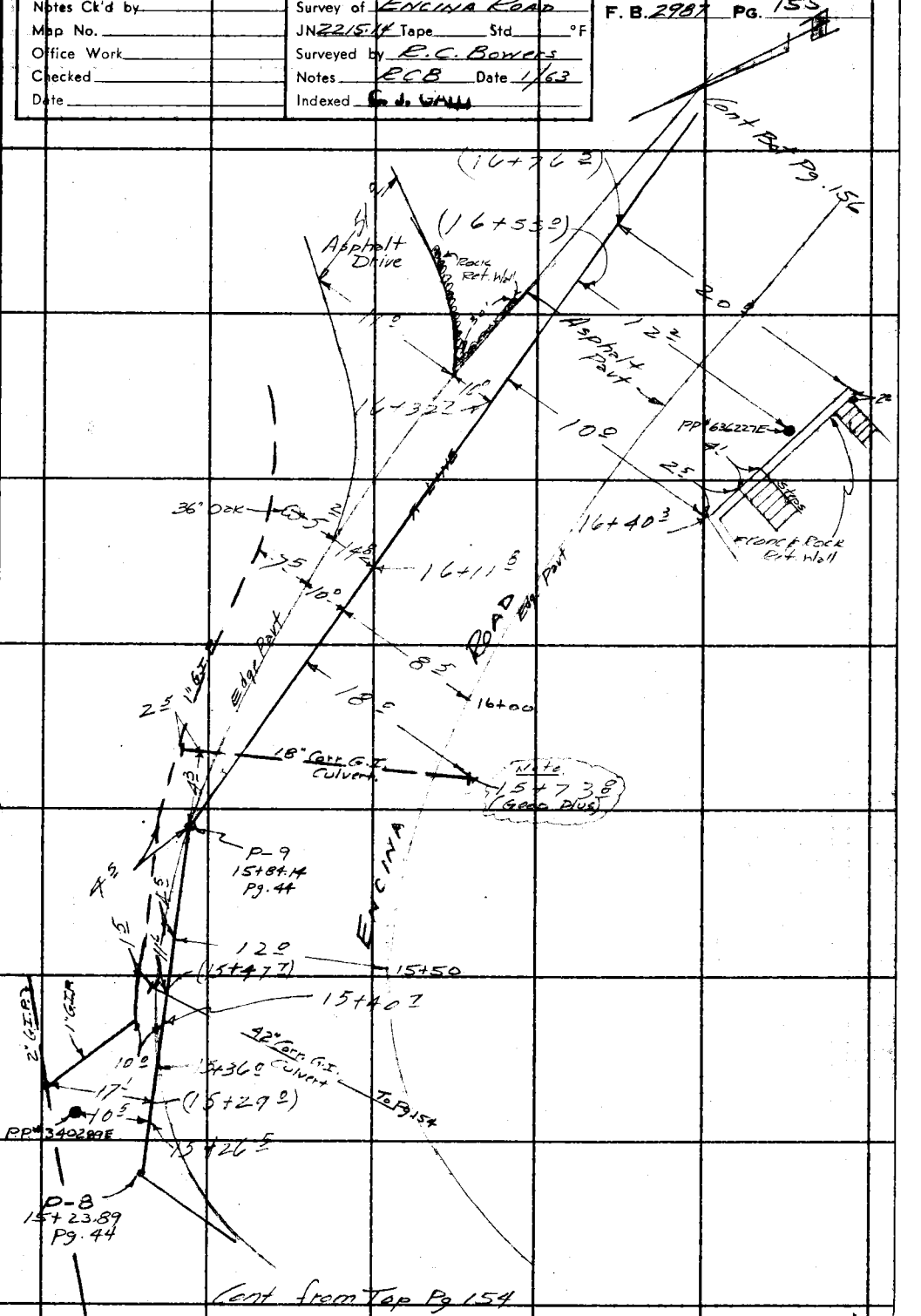
Notes Ck'd by	Survey of ENCINA ROAD	F. B. 2987 PG. 155
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 1/63	
Date	Indexed G. J. GALL	



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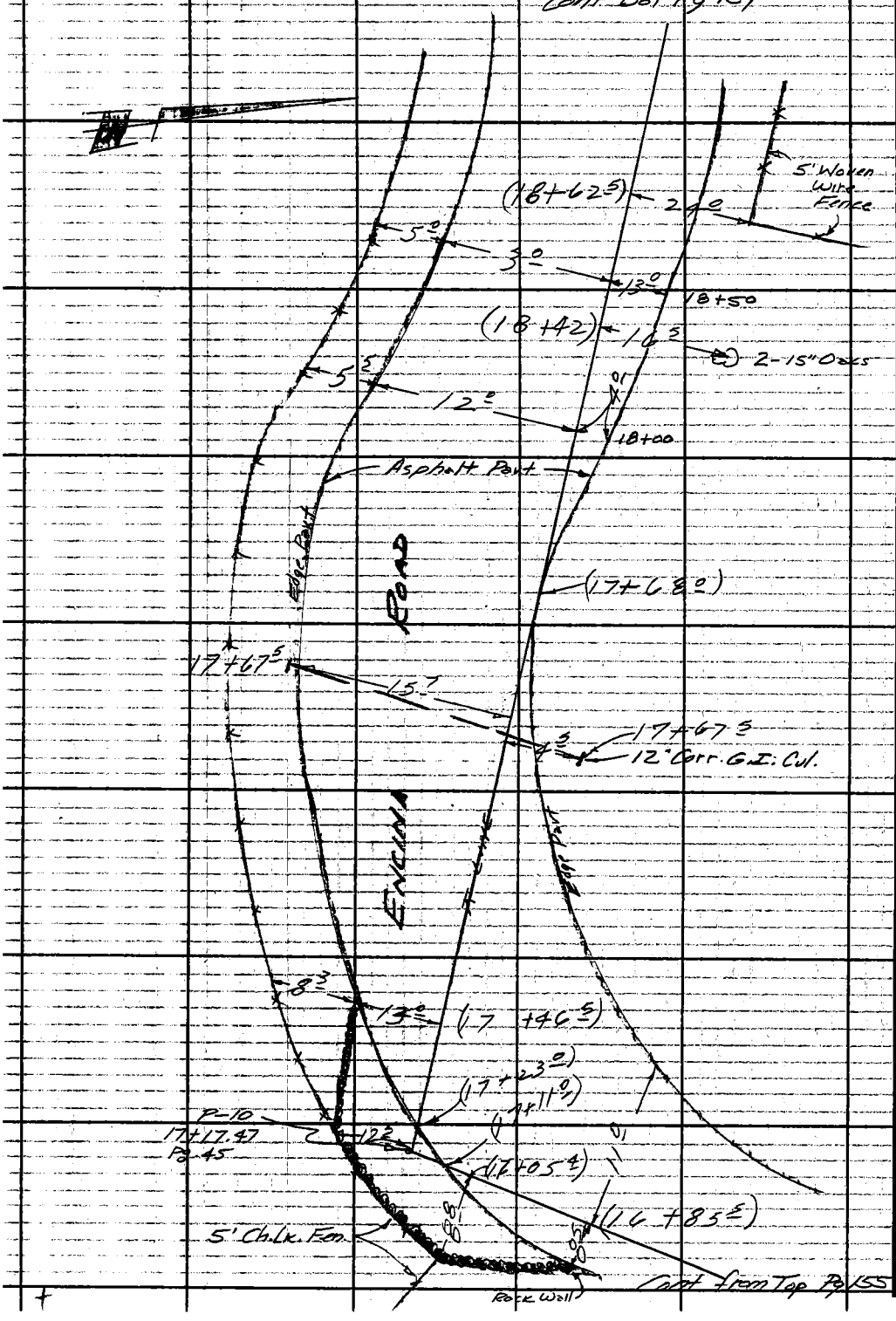
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F.B. 2987 PG. 156

Cont Bot Pg 157



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Notes Ck'd by	Survey of ENCINA RD.
Map No.	JN 22 15.14 Tape Std °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes RCB Date 1/63
Date	Indexed C. J. GAUJ

F. B. 2987 Pg. 157

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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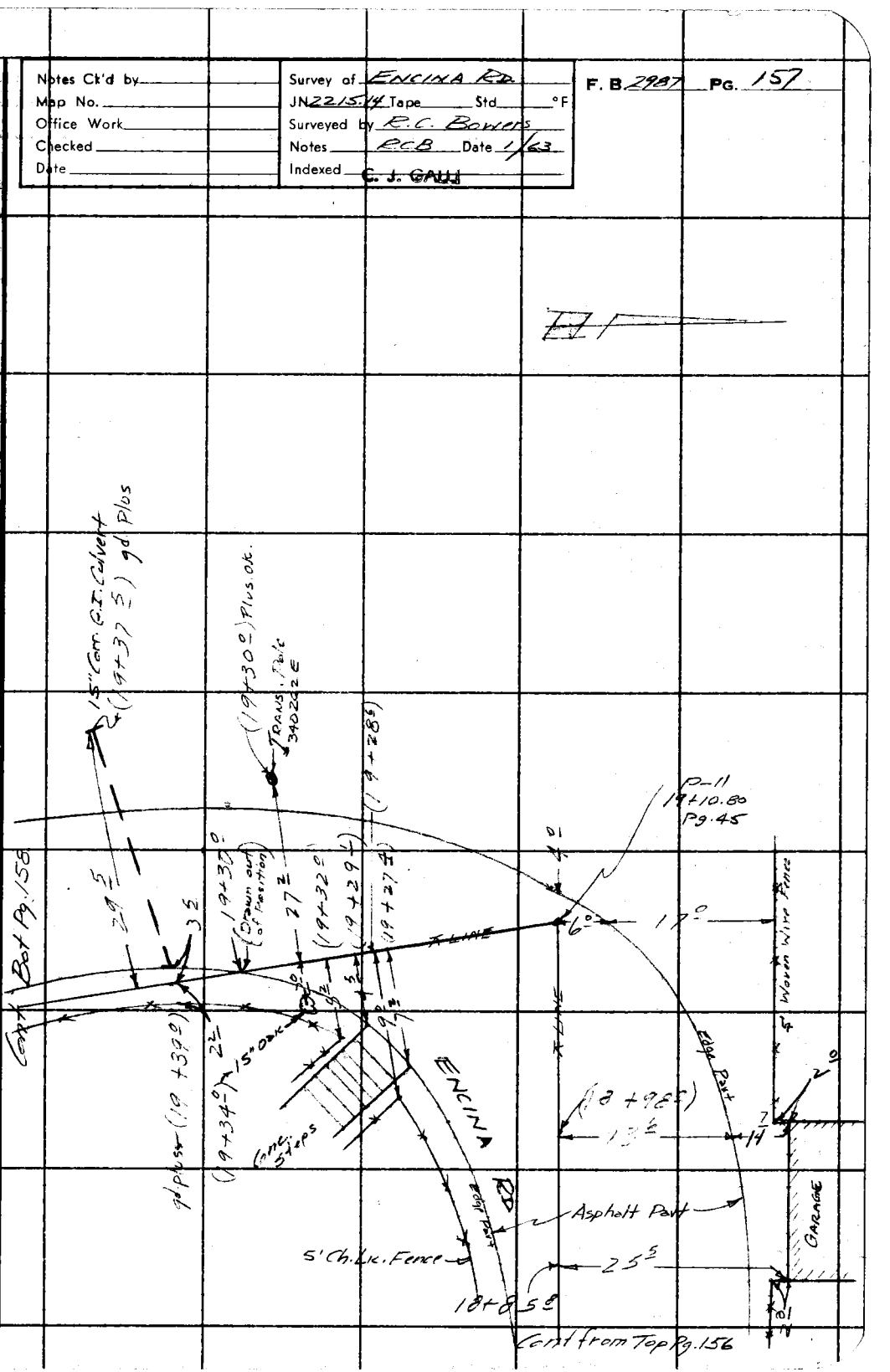
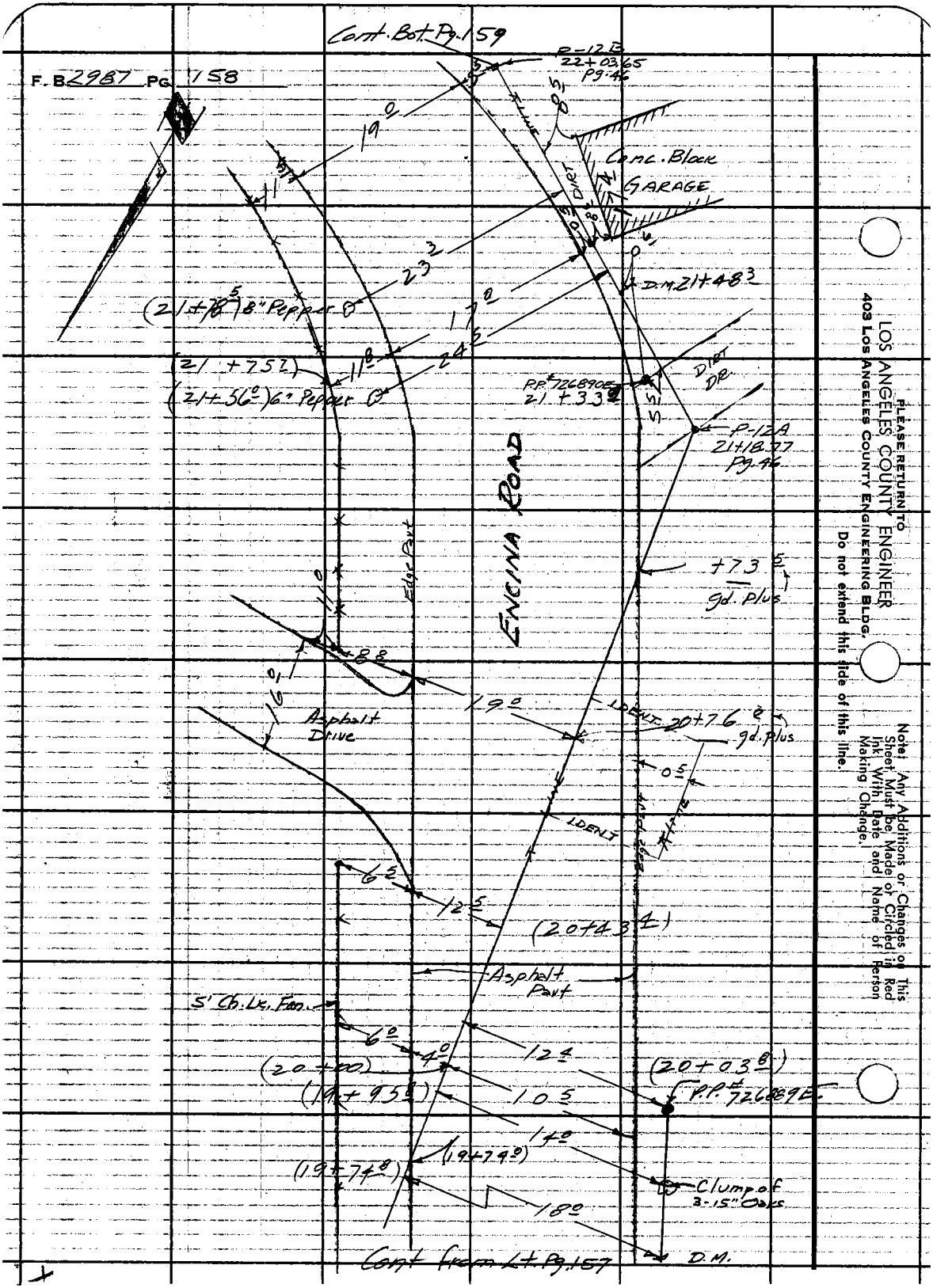


76F3098 CE # 310 3-61



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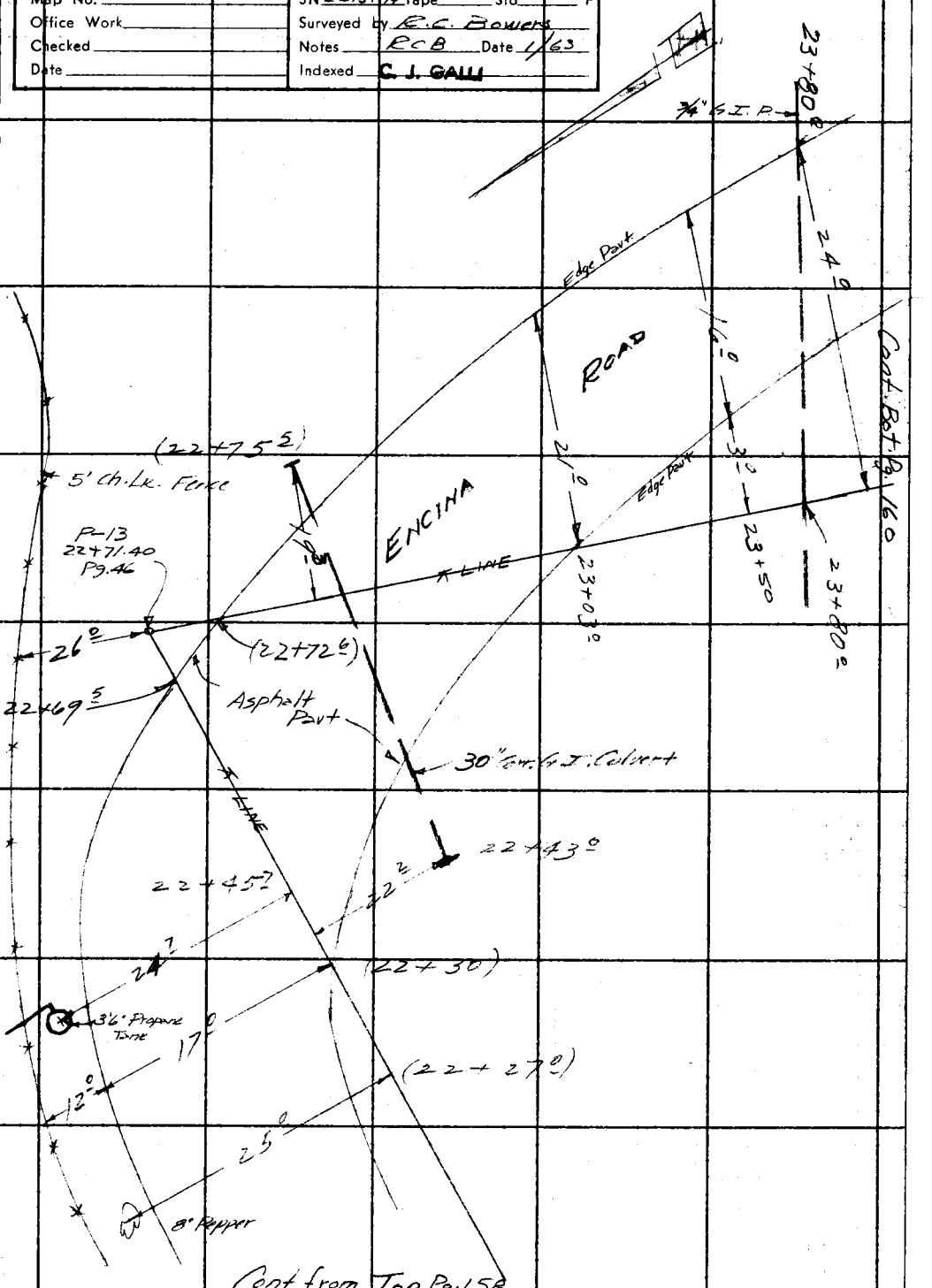
Notes Ck'd by	Survey of ENCINA ROAD
Map No.	JN 2215 Tape Std °F
Office Work	Surveyed by E.C. BOWERS
Checked	Notes RCB Date 1/63
Date	Indexed C. J. GALLI

F. B. 2987 Pg. 159



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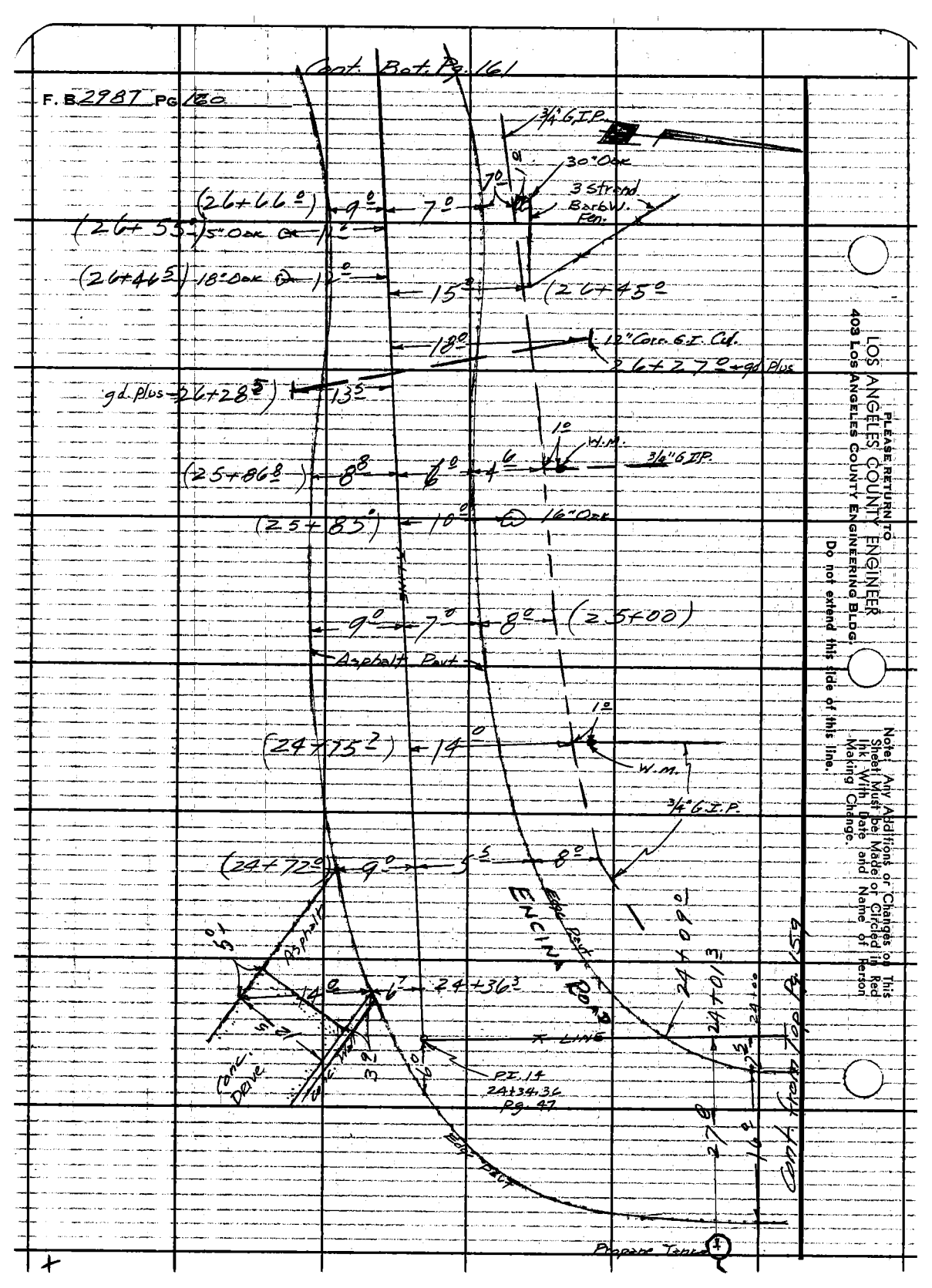

Notes Ck'd by		Survey of ENCINA ROAD	F. B. 2987 Pg. 161
Map No.		JN 22/5.14 Tape	Std °F
Office Work		Surveyed by R.C. BOWERS	
Checked		Notes RCB Date 1/63	
Date		Indexed C. J. CALL	

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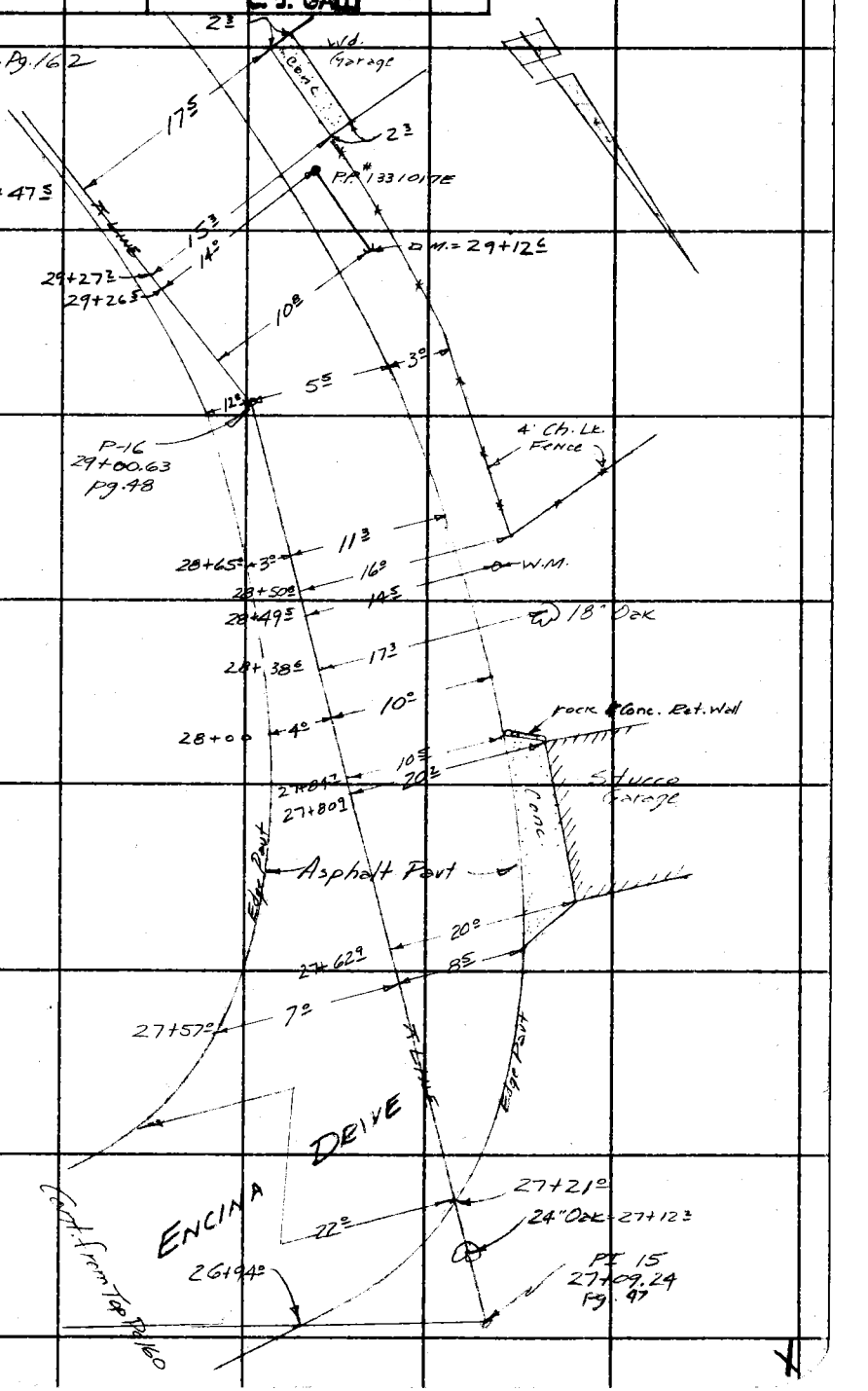
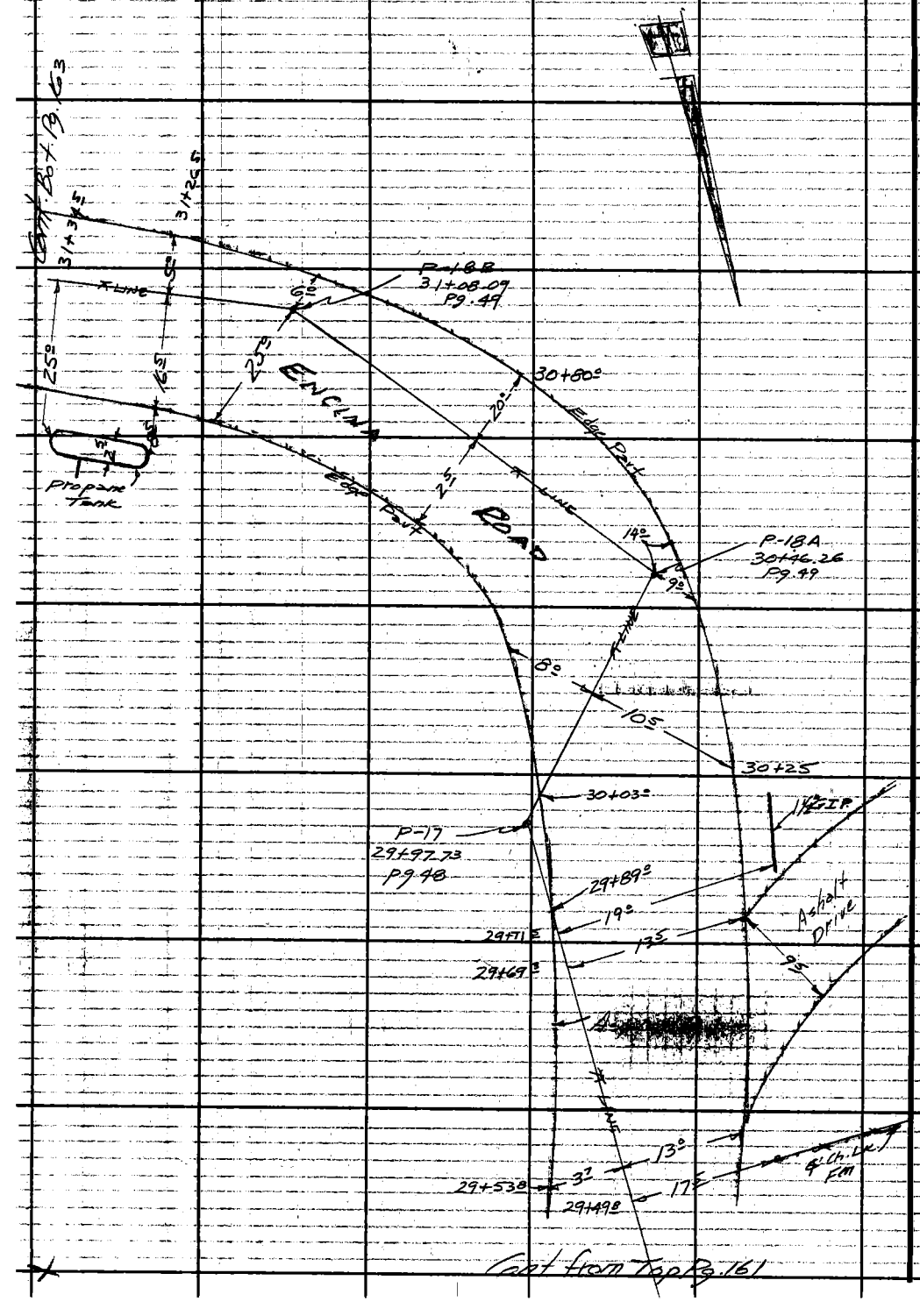
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE # 310 3-61



F. B. 2987 PG. 162



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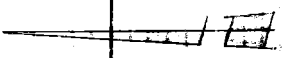
Notes Ck'd by	Survey of ENCINA ROAD
Map No.	JN 22154 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes Smiley Date 4/63
Date	Indexed

F. B. 2987 PG. 163



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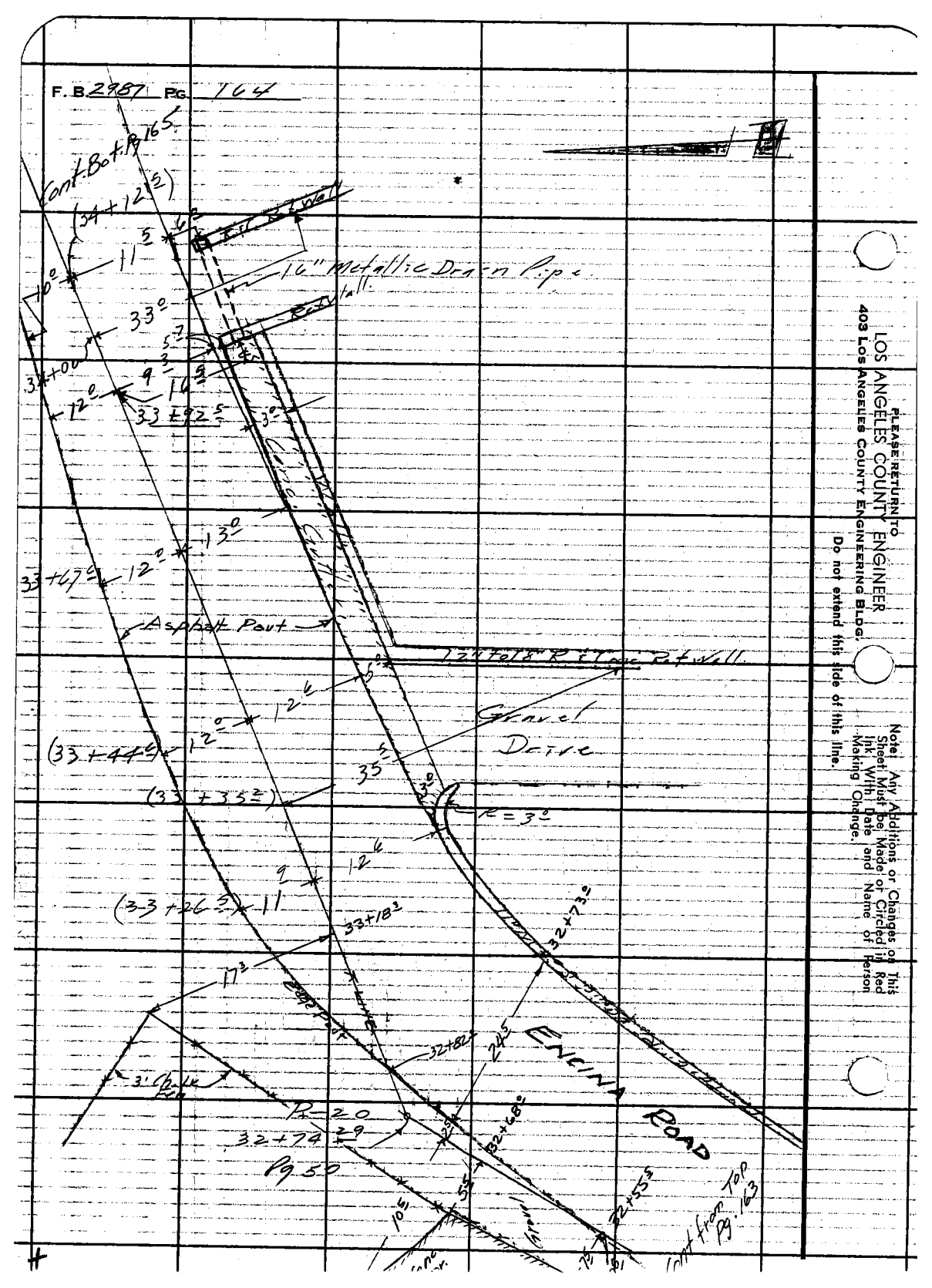
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 319 3-61

F. B. 2987 Pg. 164



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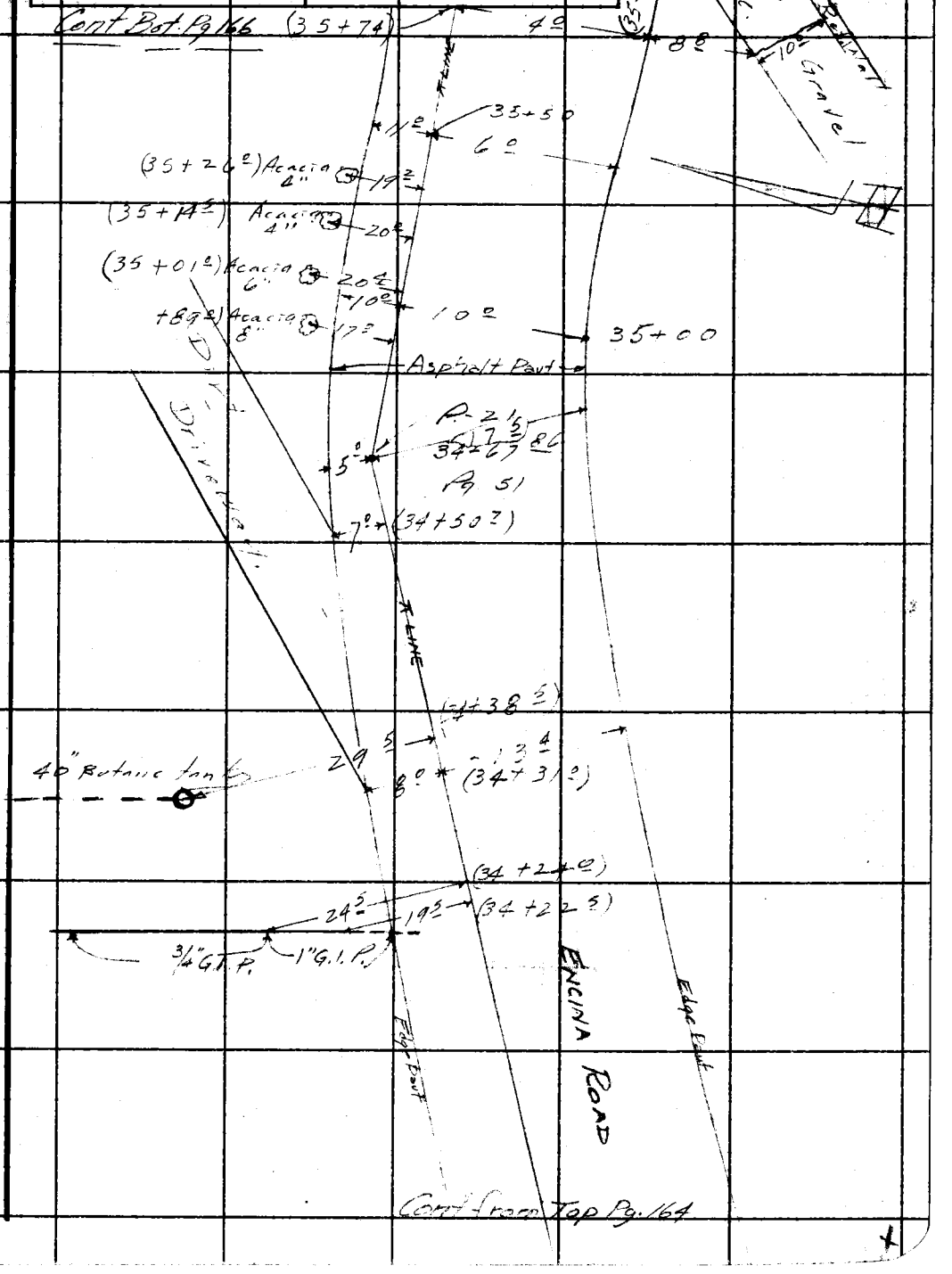
Notes Ck'd by	Survey of ENCINA ROAD
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes Smiley Date 1/63
Date	Indexed C. J. GALLI

F. B. 2987 PG. 165



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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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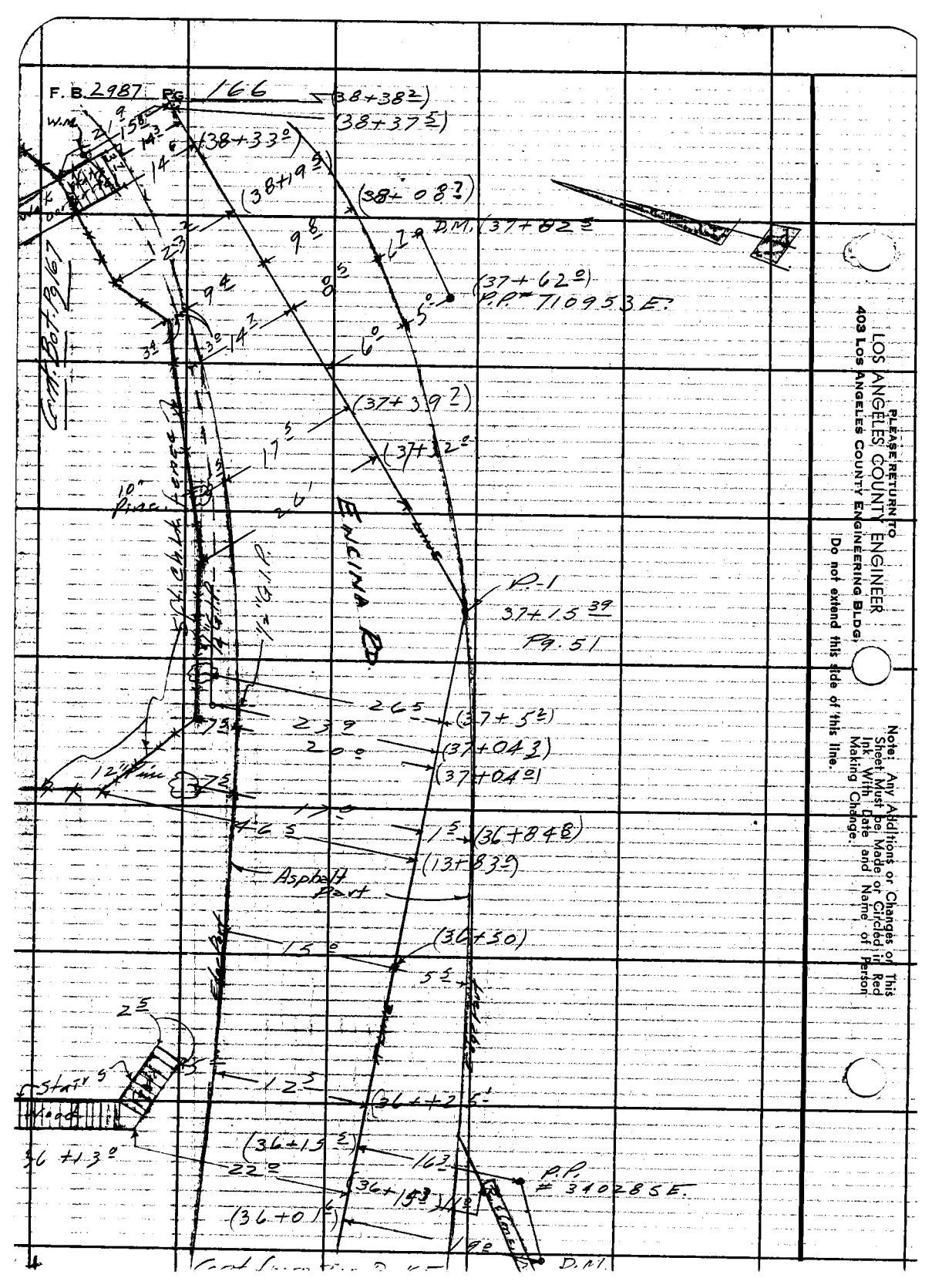

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Note: Any Additions or Changes of This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by		Survey of ENCINA ROAD	F. B. 2987 PG. 167
Map No.		JN 2215.14 Tape	Std °F
Office Work		Surveyed by R.C. BOWERS	
Checked		Notes R.C.B. Date 1/63	
Date		Indexed C. J. GALLI	

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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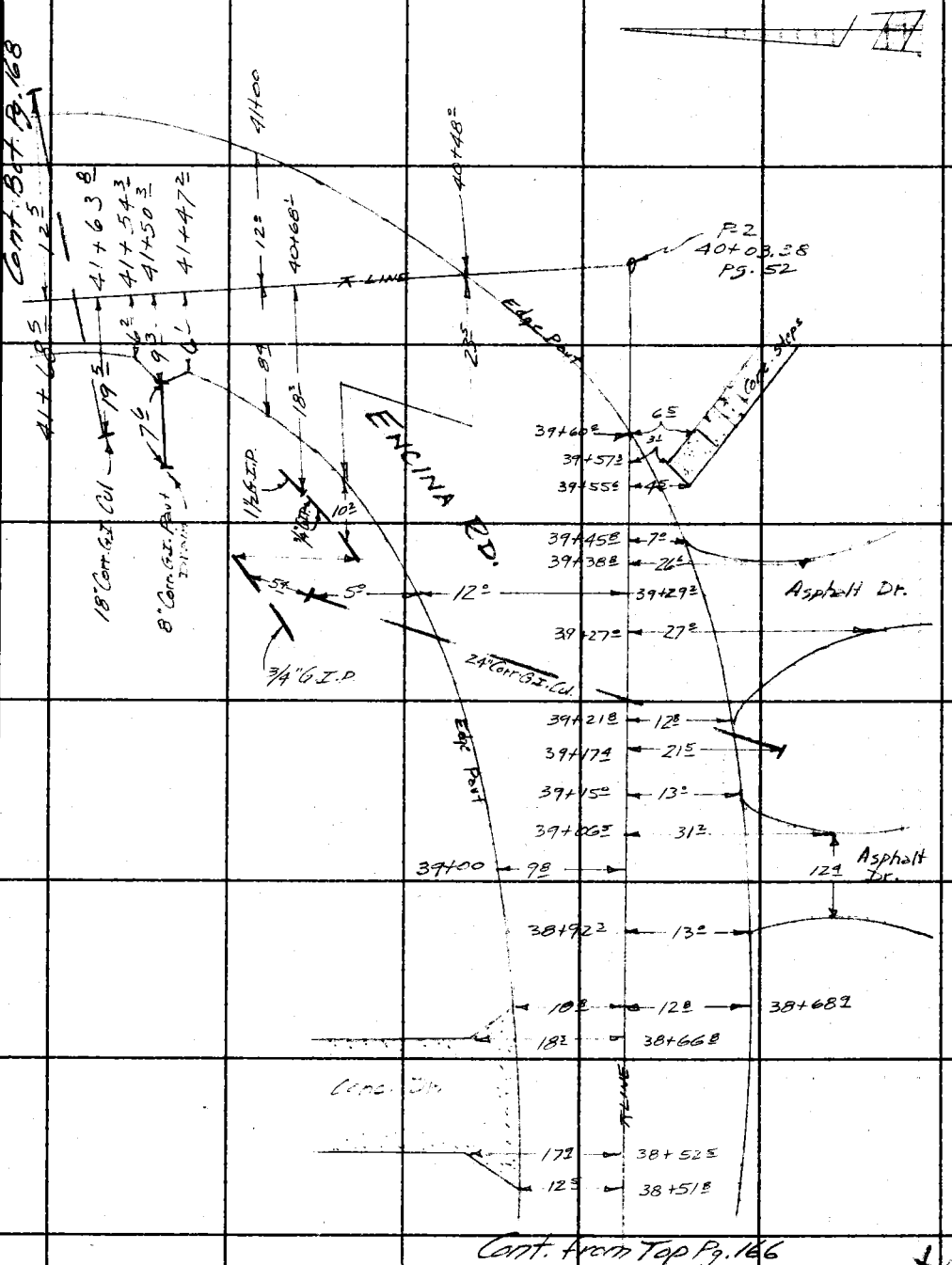
76F3095 CE # 310 3-61



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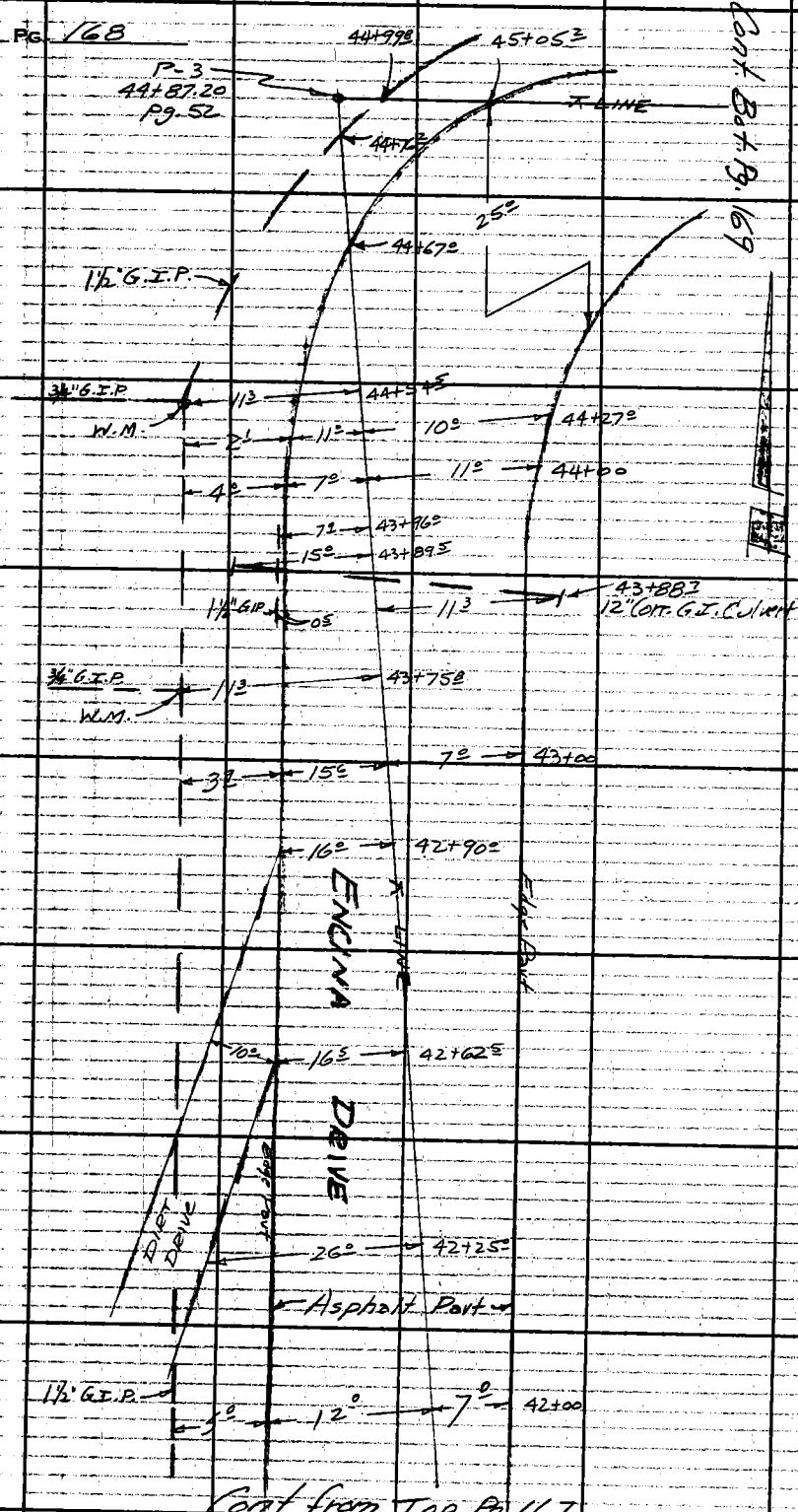
F. B 2987 PG. 168



Cont from Top Pg 167

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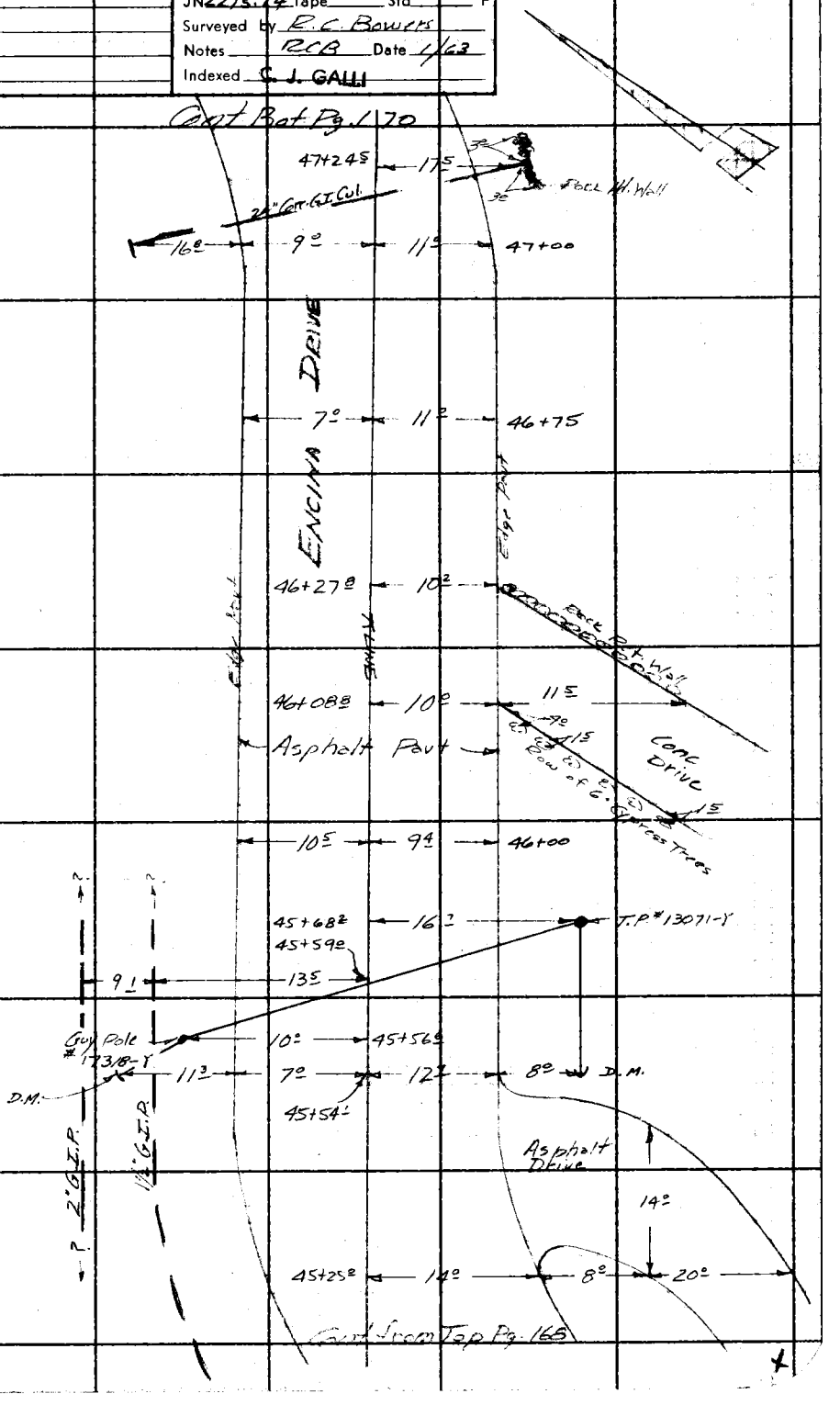
Notes Ck'd by	Survey of ENCINA DRIVE
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes RCB Date 1/63
Date	Indexed C. J. GALLI

F. B. 2987 PG. 169



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

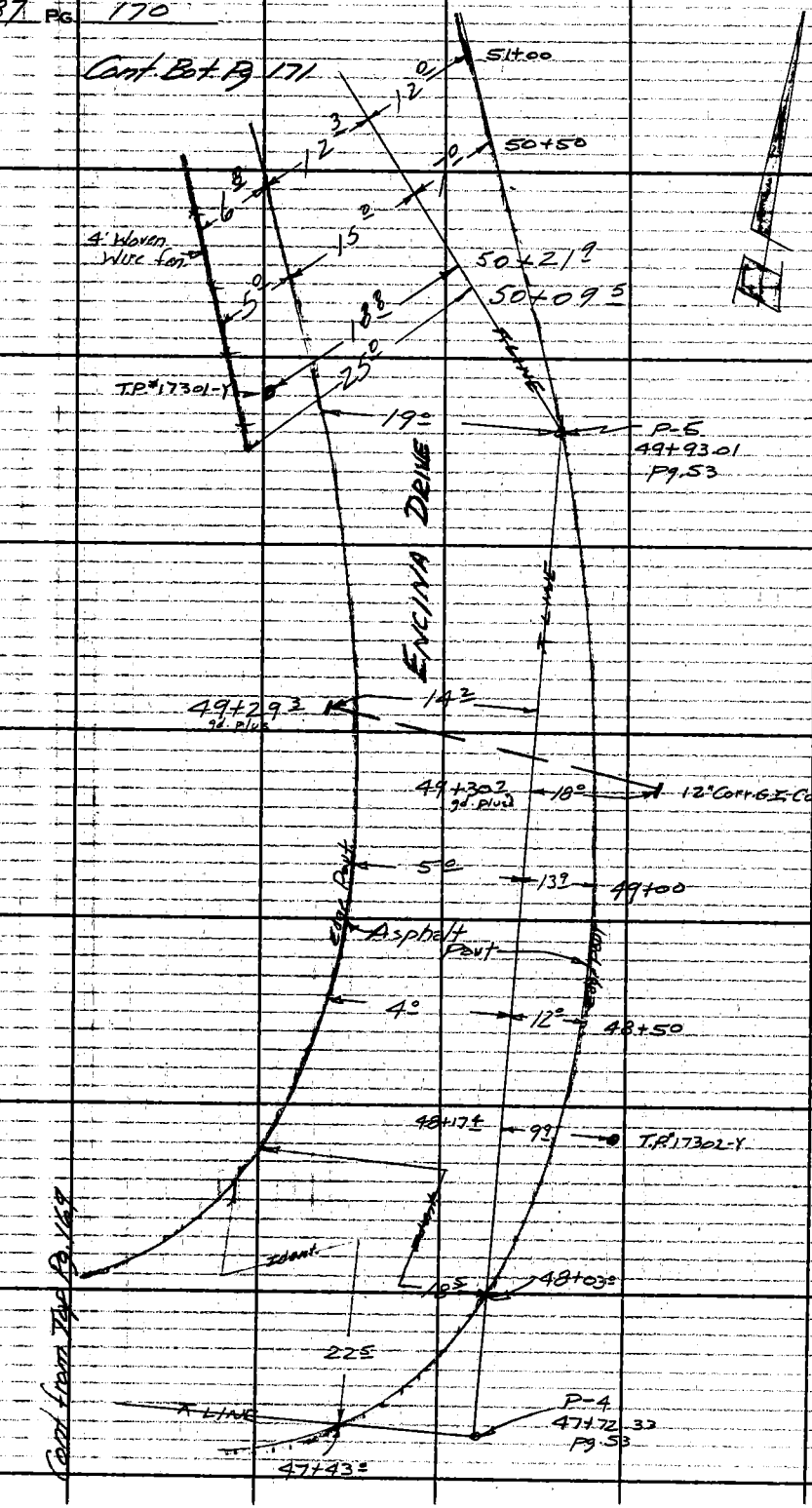
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE # 310 3-61

F.B. 2987 PG. 170

Cont. Bot. Pg 171



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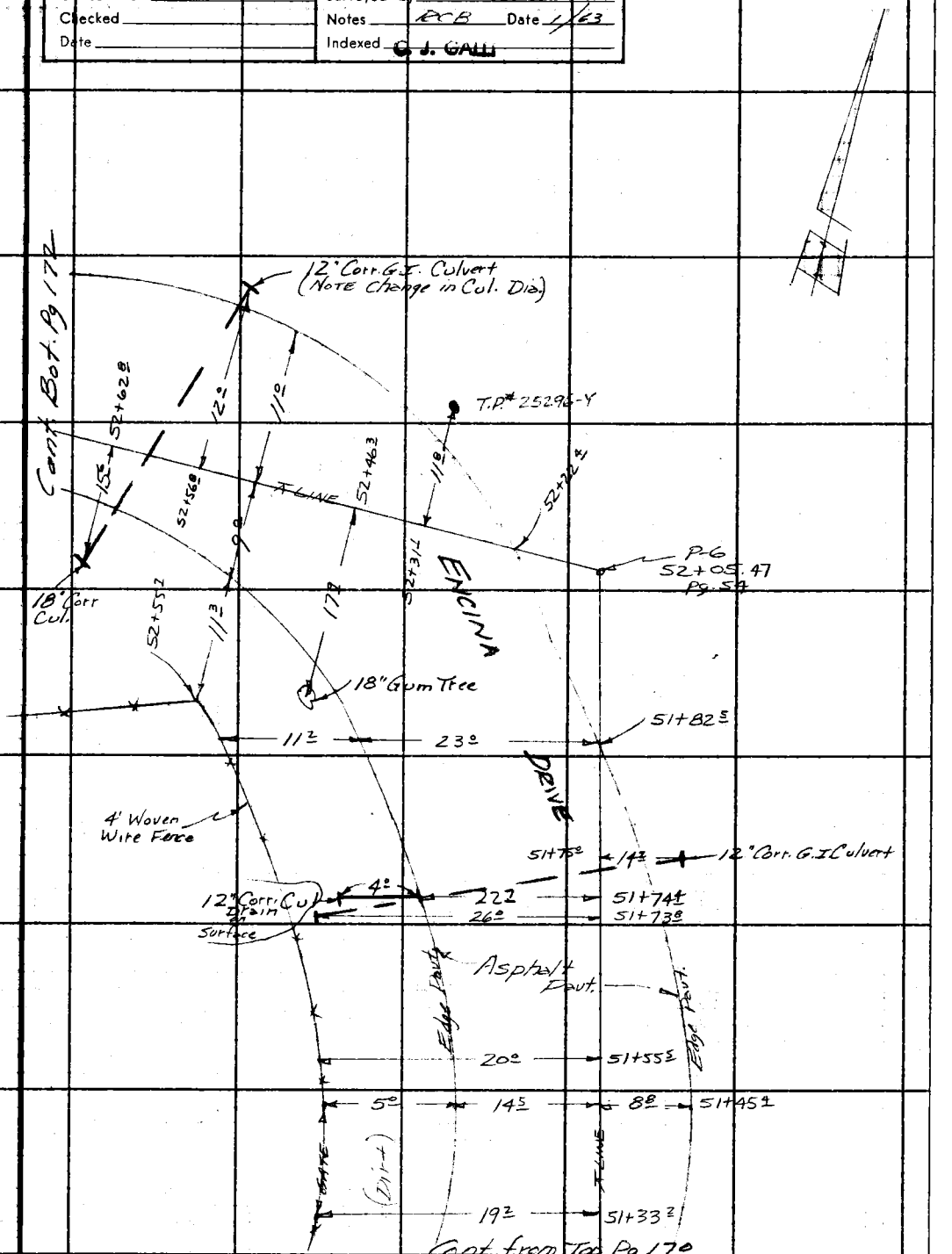
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ENCINA DRIVE
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by E.C. Bowers
Checked	Notes RCB Date 1/63
Date	Indexed G. J. GALLI

F. B. 2987 PG. 171



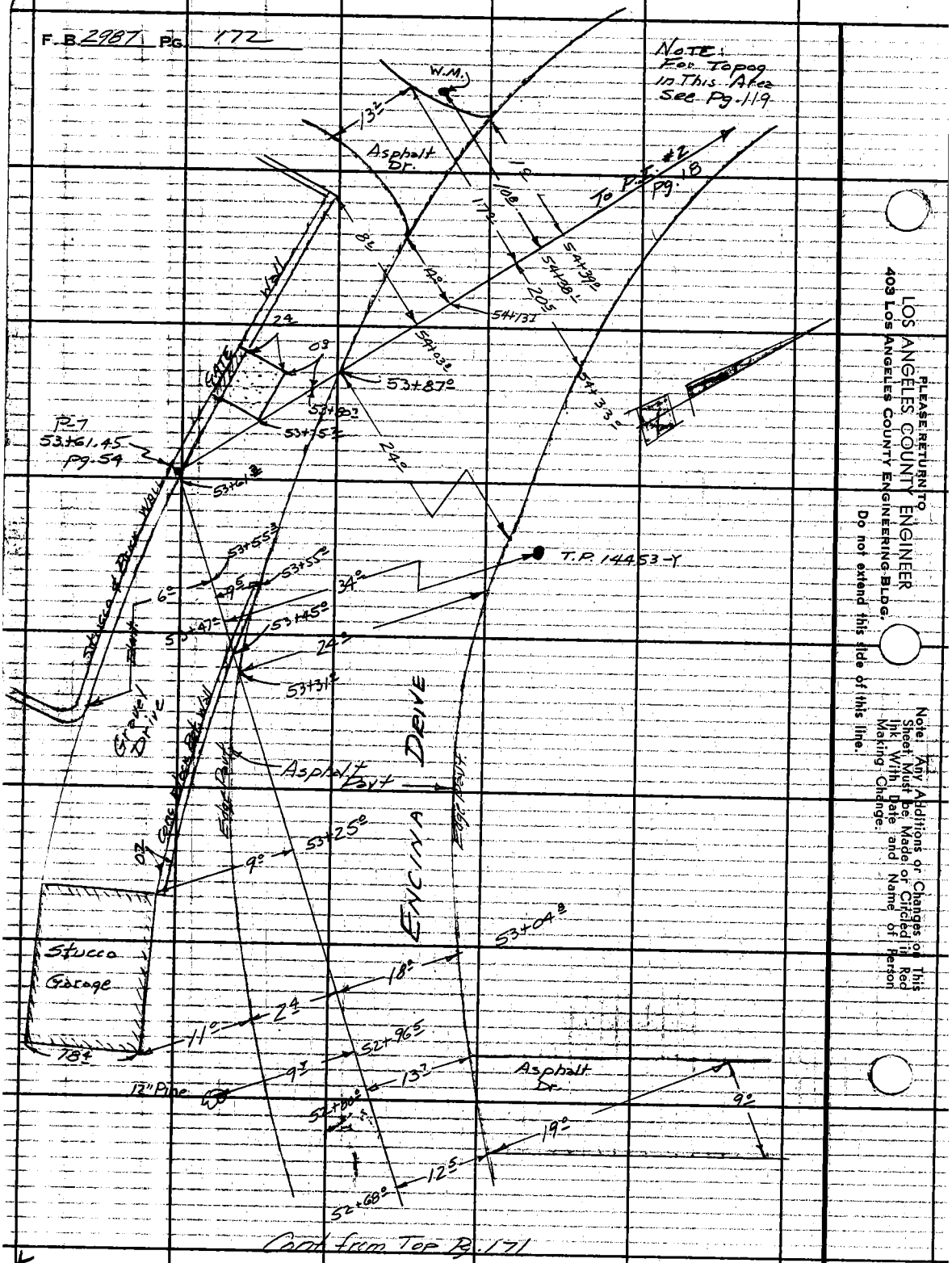
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

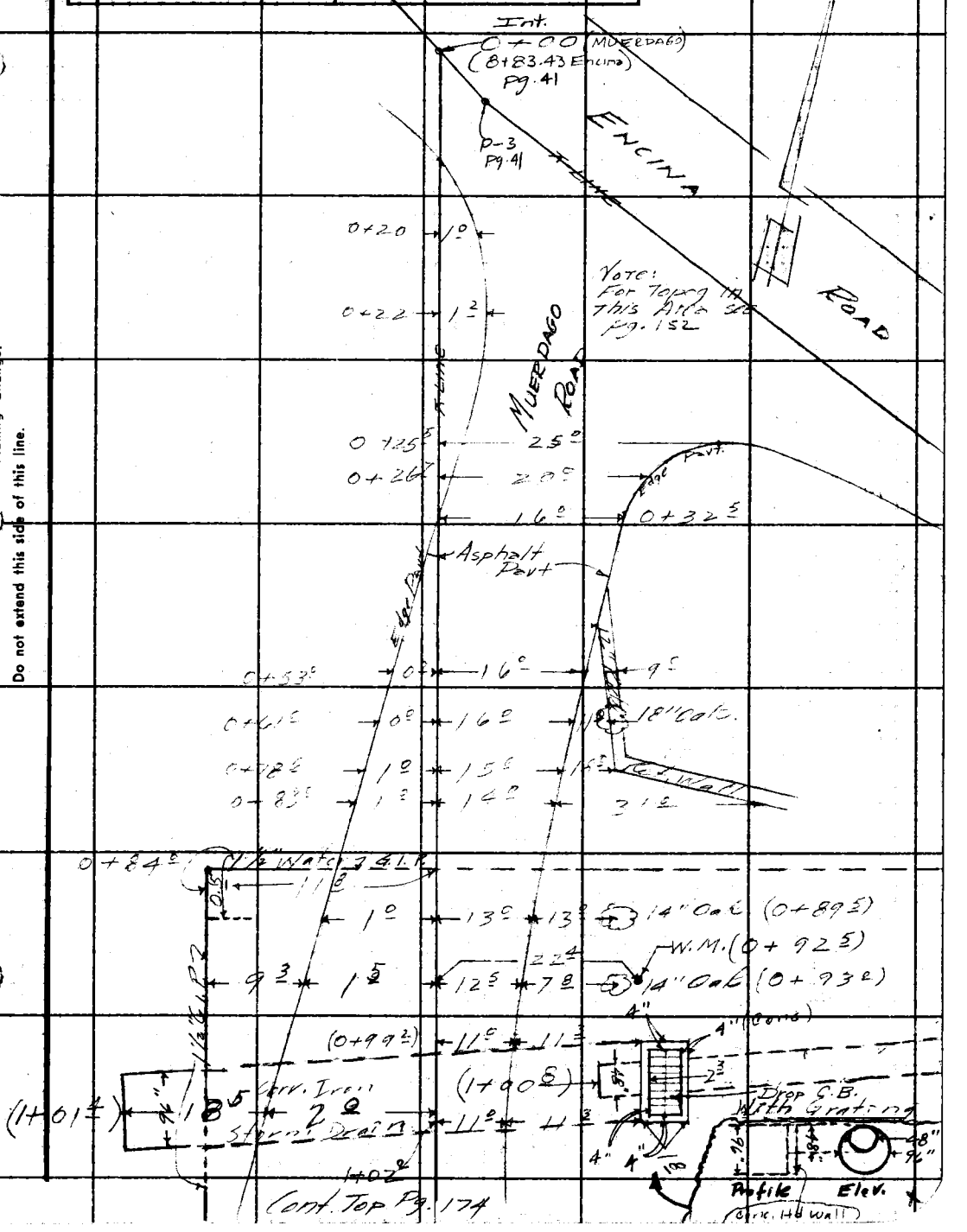
76F309B CE # 310 3-61

F.B. 2987 Pg. 172



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 MUERDAGO ROAD	F. B. 2987 PG. 173
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes Smiley Date 1/63	
Date	Indexed C. J. GALLI	



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

Do not extend this side of this line.

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

78F309S CE # 310 3-61

F. B. 2987 PG. 174

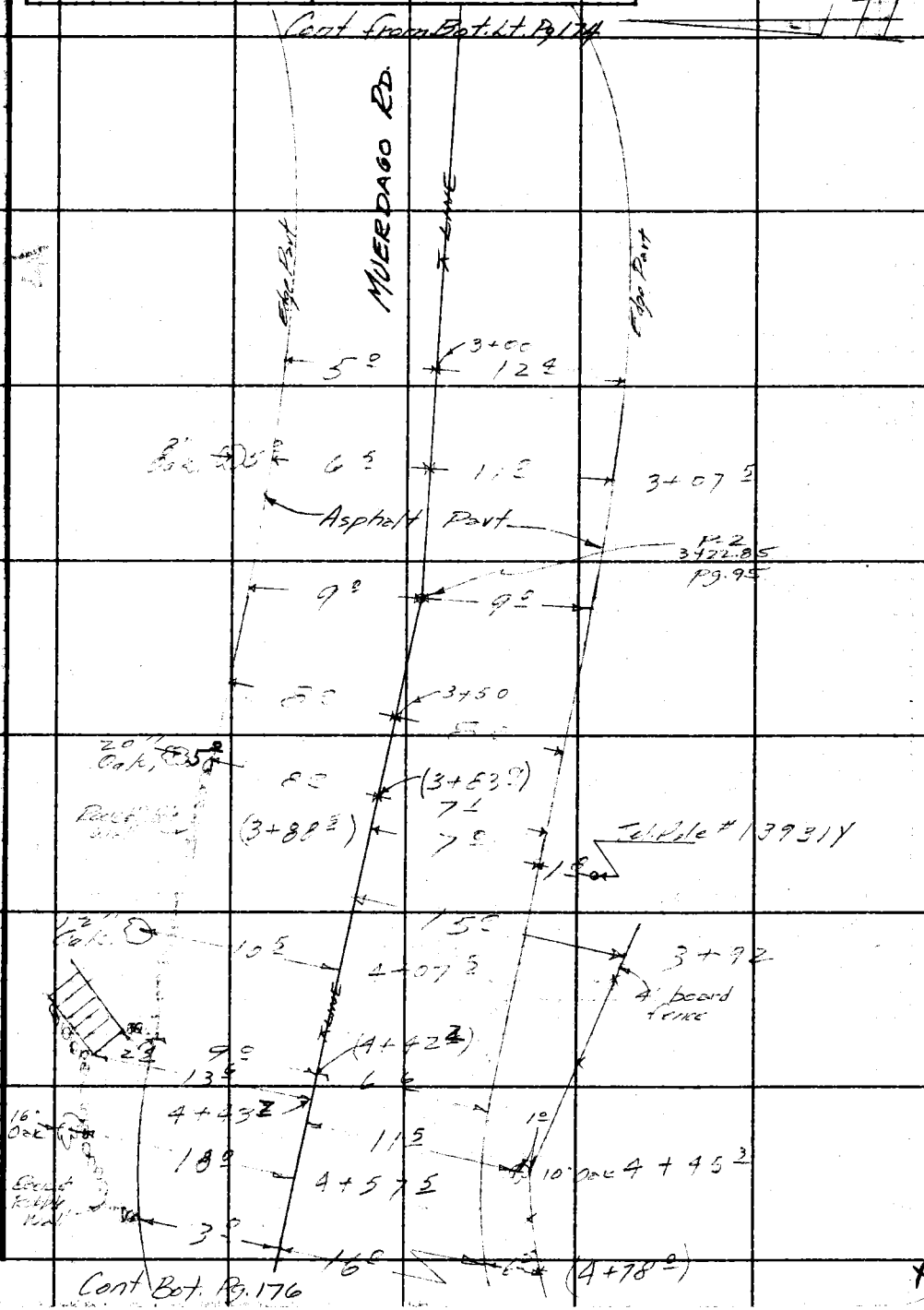
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of MUERDAGO ROAD	F. B. 2987 PG. 175
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes Smiley Date 1/63	
Date	Indexed C. J. GALLI	

Cont from Bot. Lt. Pg 174



Cont Bot. Pg. 176

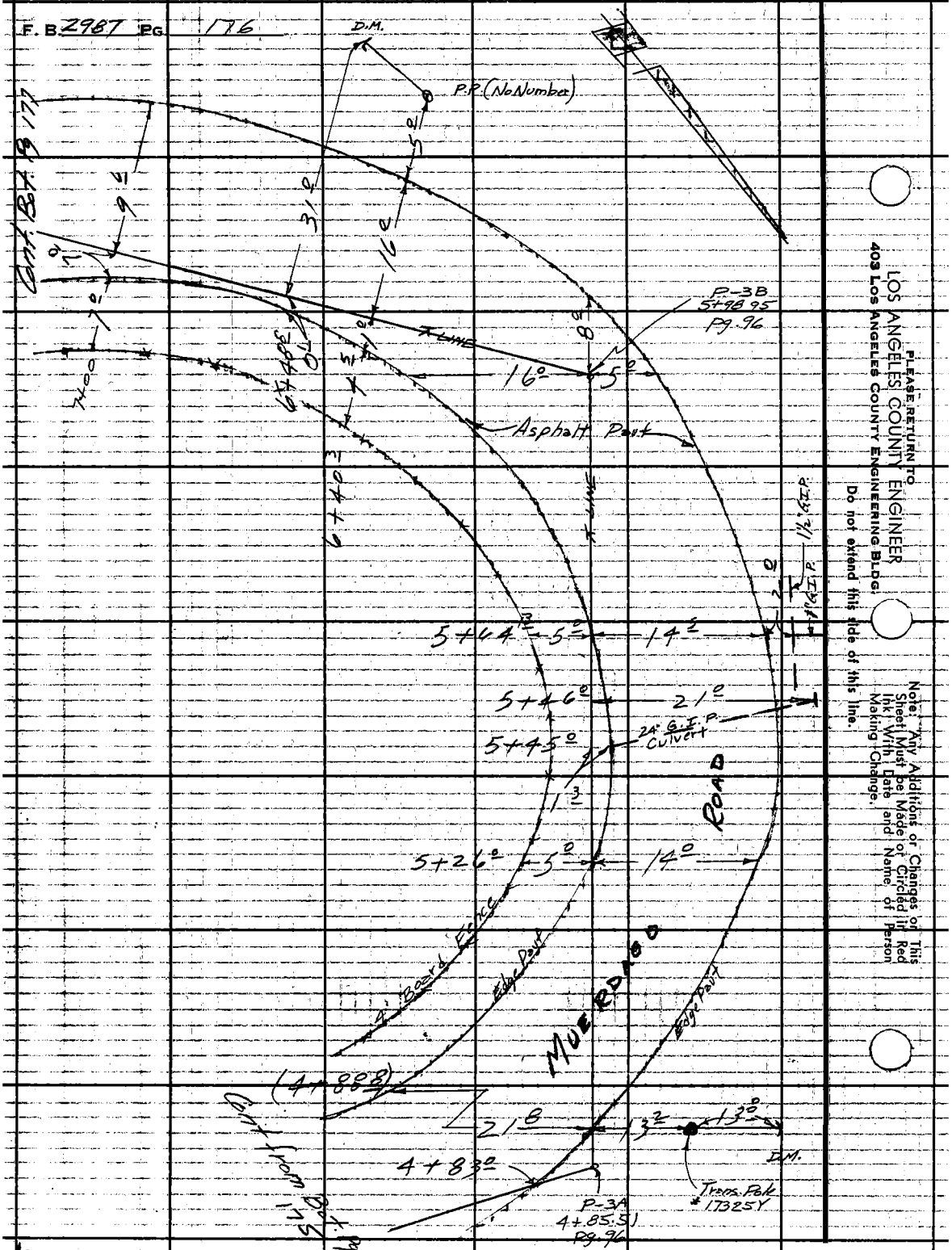
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE # 310 3-61

F. B. 2987 PG. 176

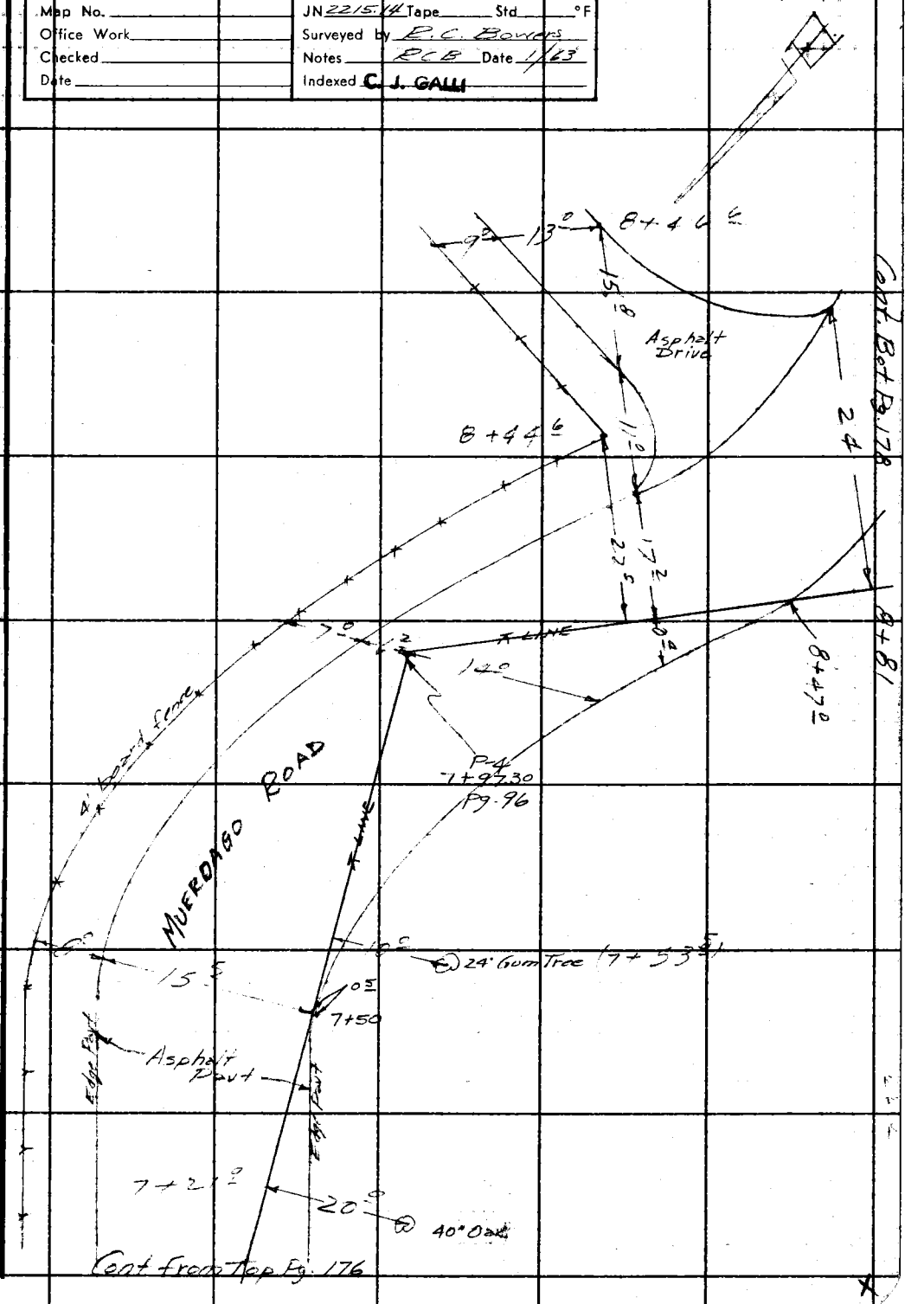


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of MUERDAGO ROAD
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R. C. Bowers
Checked	Notes RCB Date 1/63
Date	Indexed C. J. GALLI

F. B. 2987 Pg. 177



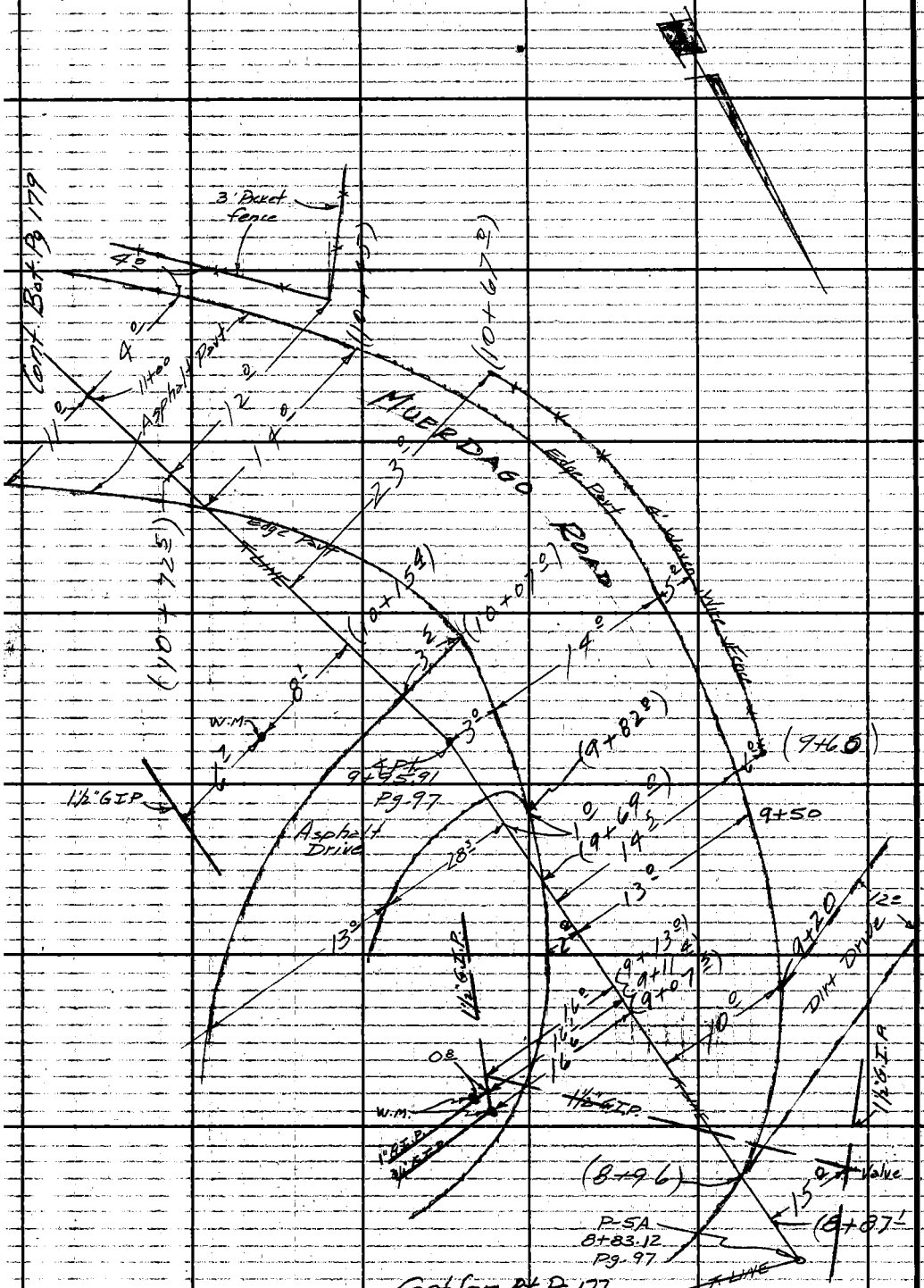
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3095 CE # 310 3-61

F. B. 2987 Pg. 178



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of MUERDAGO ROAD
Map No.	JN 2215 Tape Std °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes RCB Date 1/63
Date	Indexed C. J. GALLI

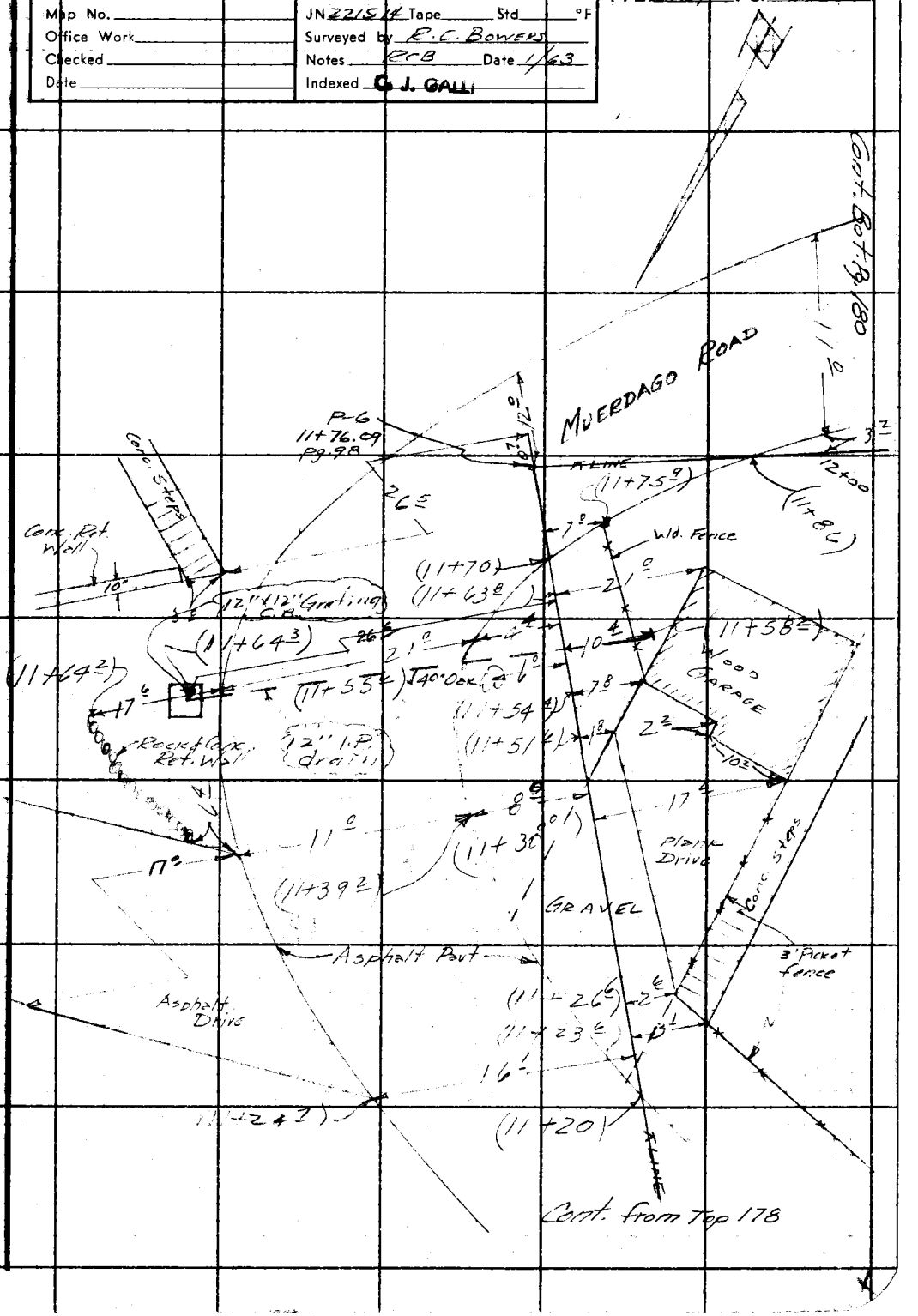
F. B. 2987 Pg. 179

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

Do not extend this side of this line.

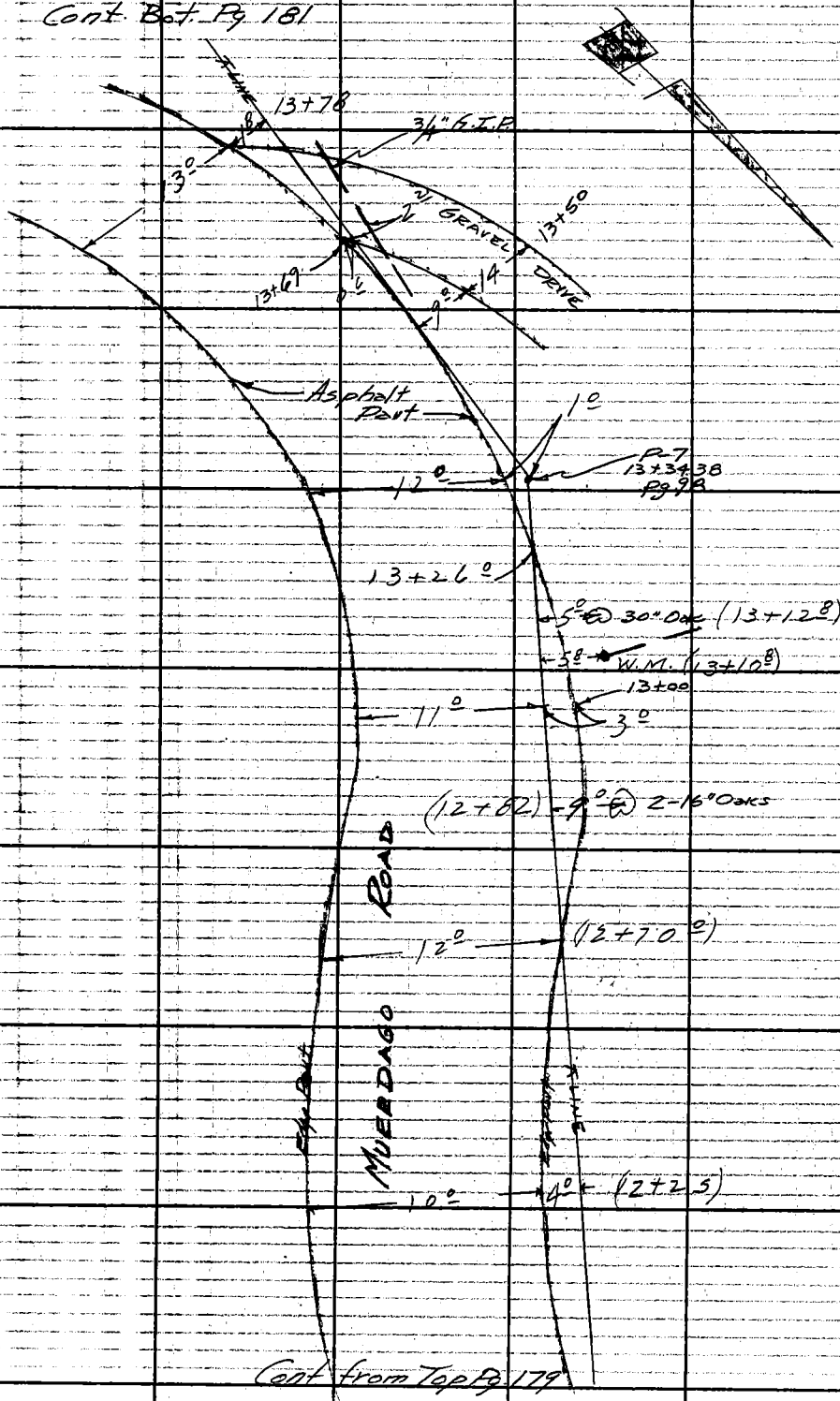
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61



F.B. 2987 Pg. 180

Cont. Bot. Pg. 181



Cont. from Top Pg. 179

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
PLEASE RETURN TO

Do not extend this side of this line.

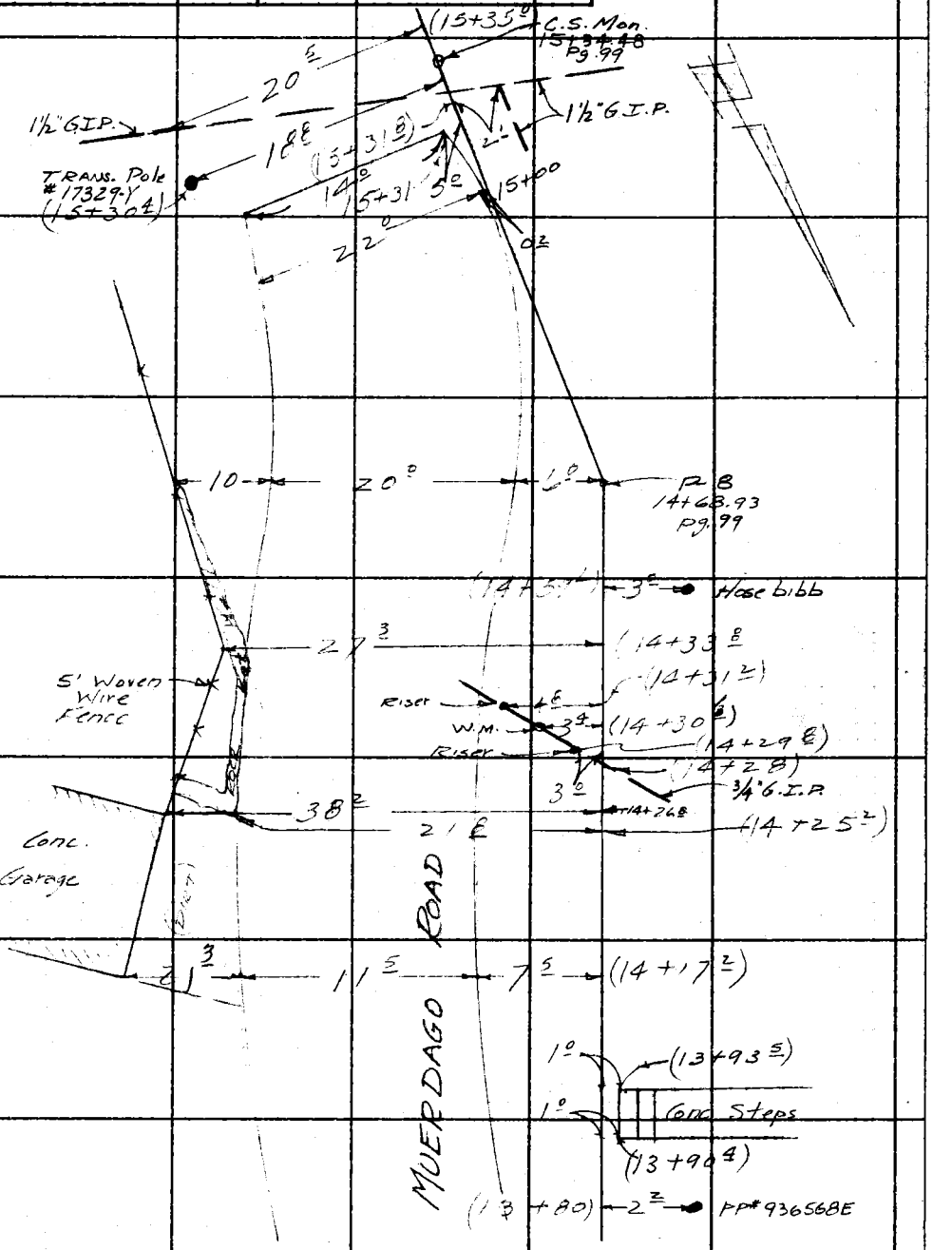
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by		Survey of MUERDAGO ROAD	F. B. 7987 PG. 181
Map No.		JN 2215.14 Tape ____ Std ____ °F	
Office Work		Surveyed by C. C. Bowers	
Checked		Notes RCB Date 1/63	
Date		Indexed C. J. GALLI	

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

Do not extend this side of this line.

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

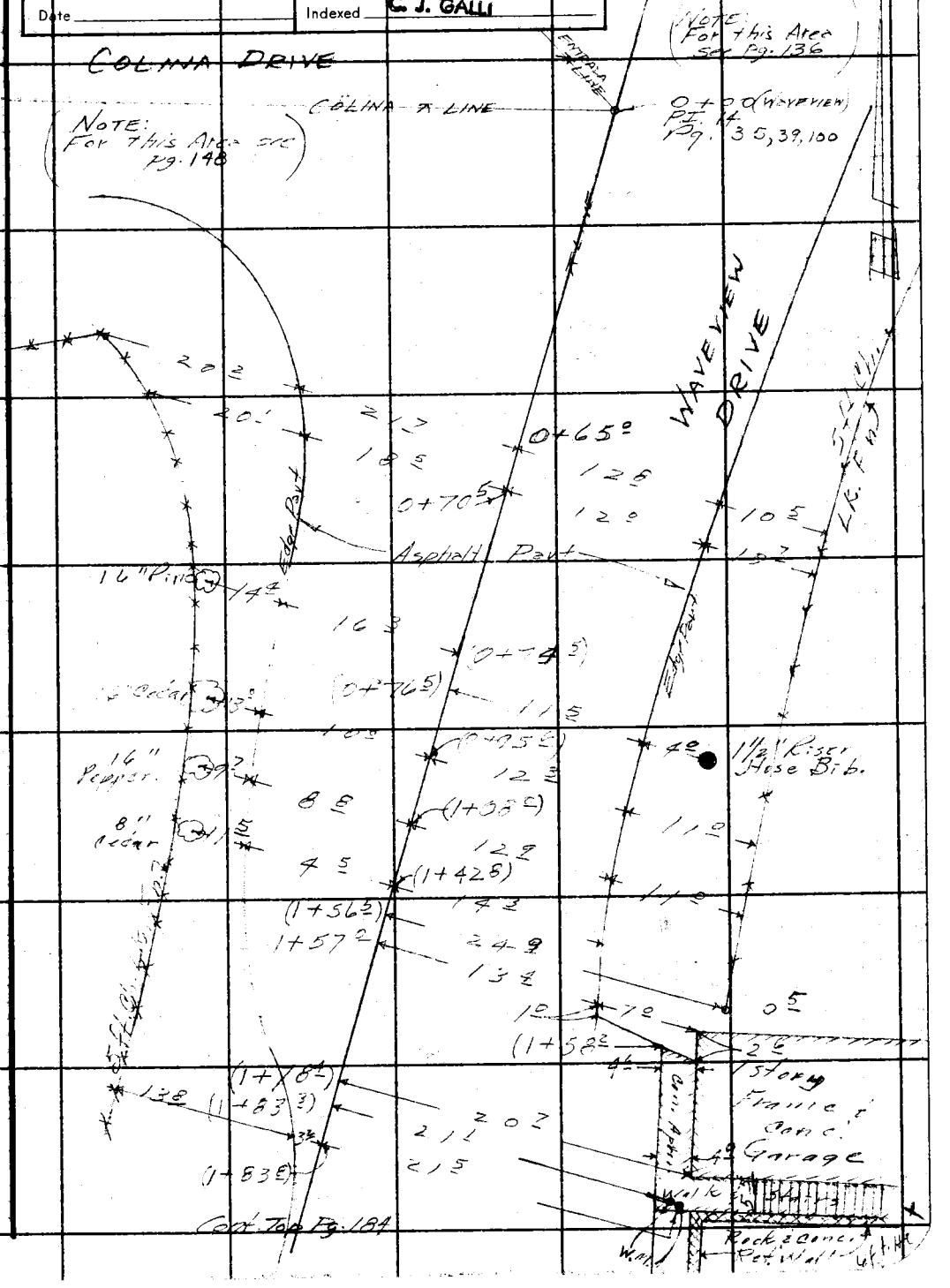


Cont from Top Pg. 180

76F3095 CE # 310 2-61

Notes Ck'd by	Survey of WAVEVIEW DRIVE
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R. C. Bowers
Checked	Notes Smiley Date 1/63
Date	Indexed C. J. GALLI

F. B 2987 PG. 183



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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3095 CE # 310 3-61

F.B. 2987 PG. 184

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
408 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of WAVEVIEW DRIVE
Map No.	JN 2215.14 Tape Std °F
Office. Work	Surveyed by E.C. BOWERS
Checked	Notes P-5 Date 1/63
Date	Indexed C. J. GALLI

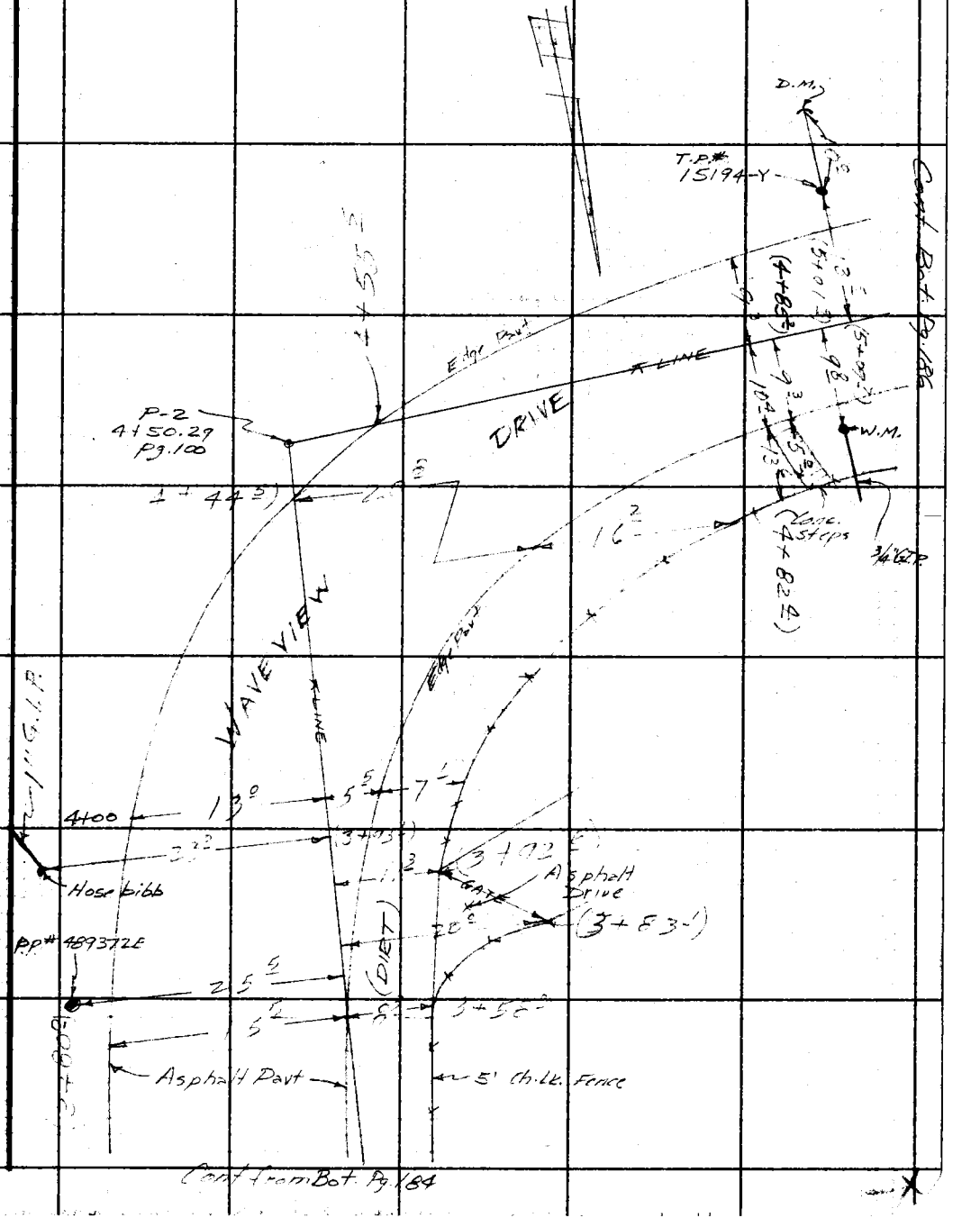
F. B. 2987 Pg. 185

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

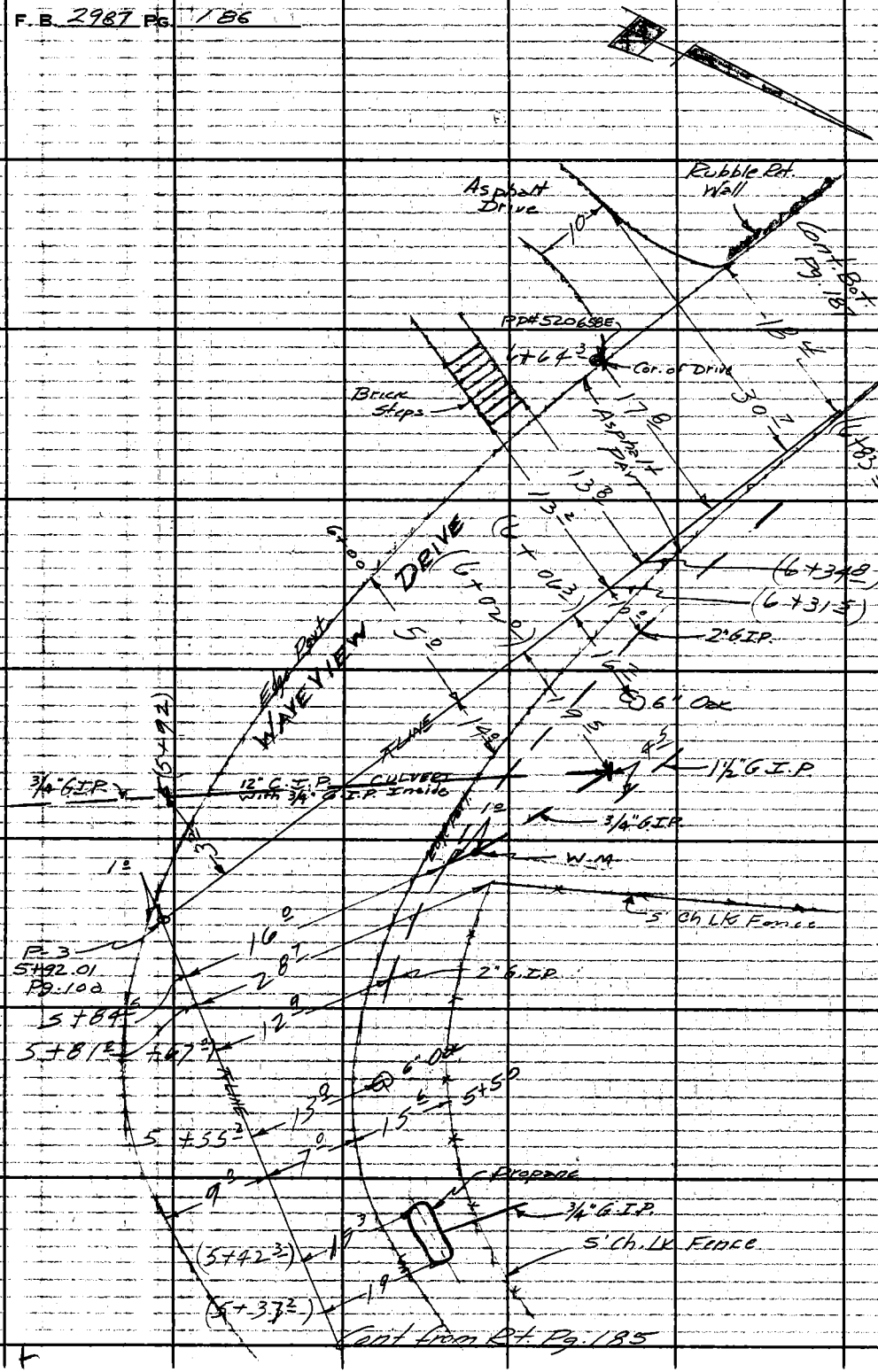
Do not extend this side of this line.

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

76F3095 CE # 310 2-61



F. B. 2987 Pg. 186



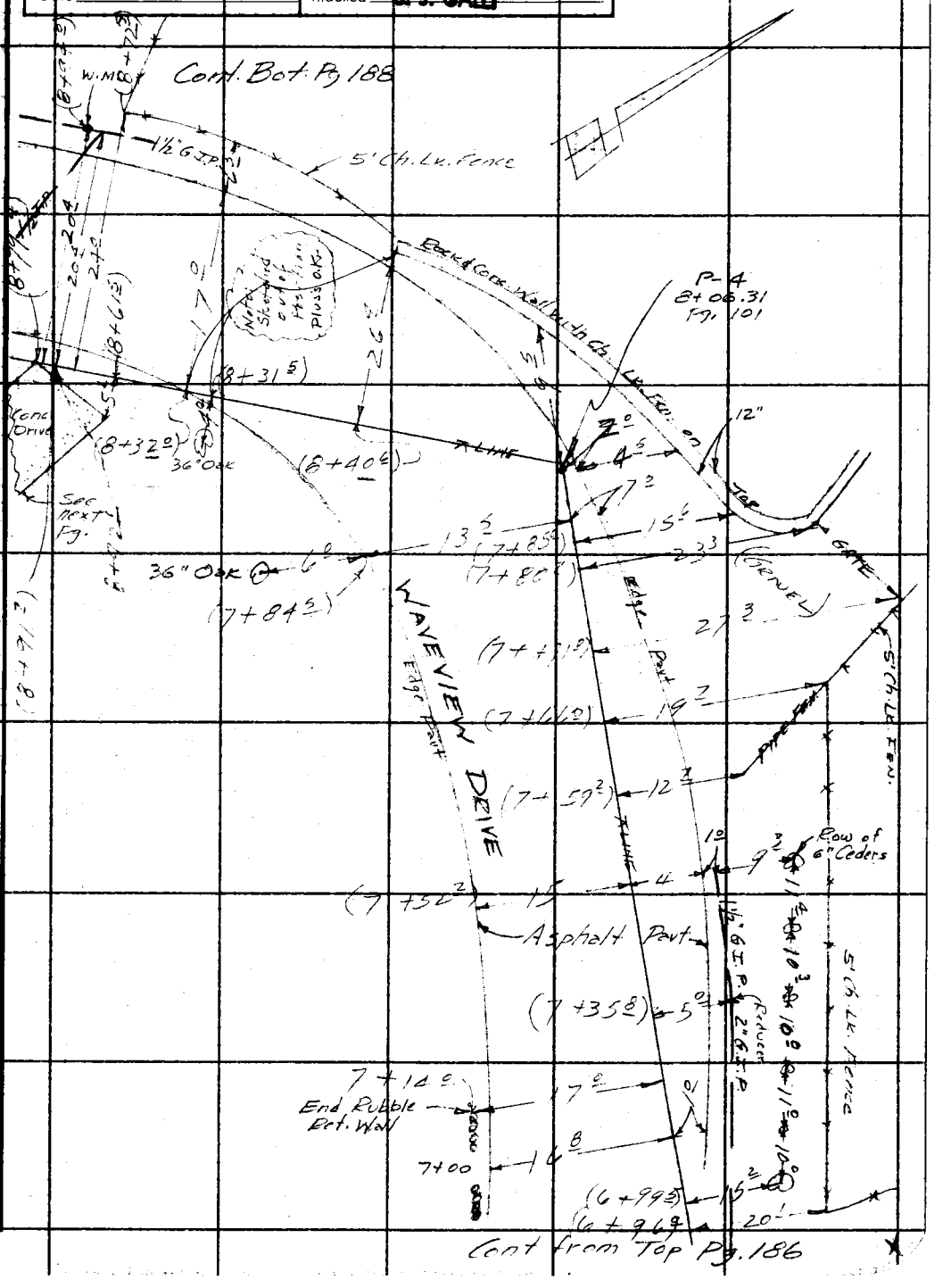
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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 WAVEVIEW DRIVE	F. B 2987 Pg. 187
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R C BOWERS	
Checked	Notes RCB Date 1/63	
Date	Indexed C. J. GALLI	

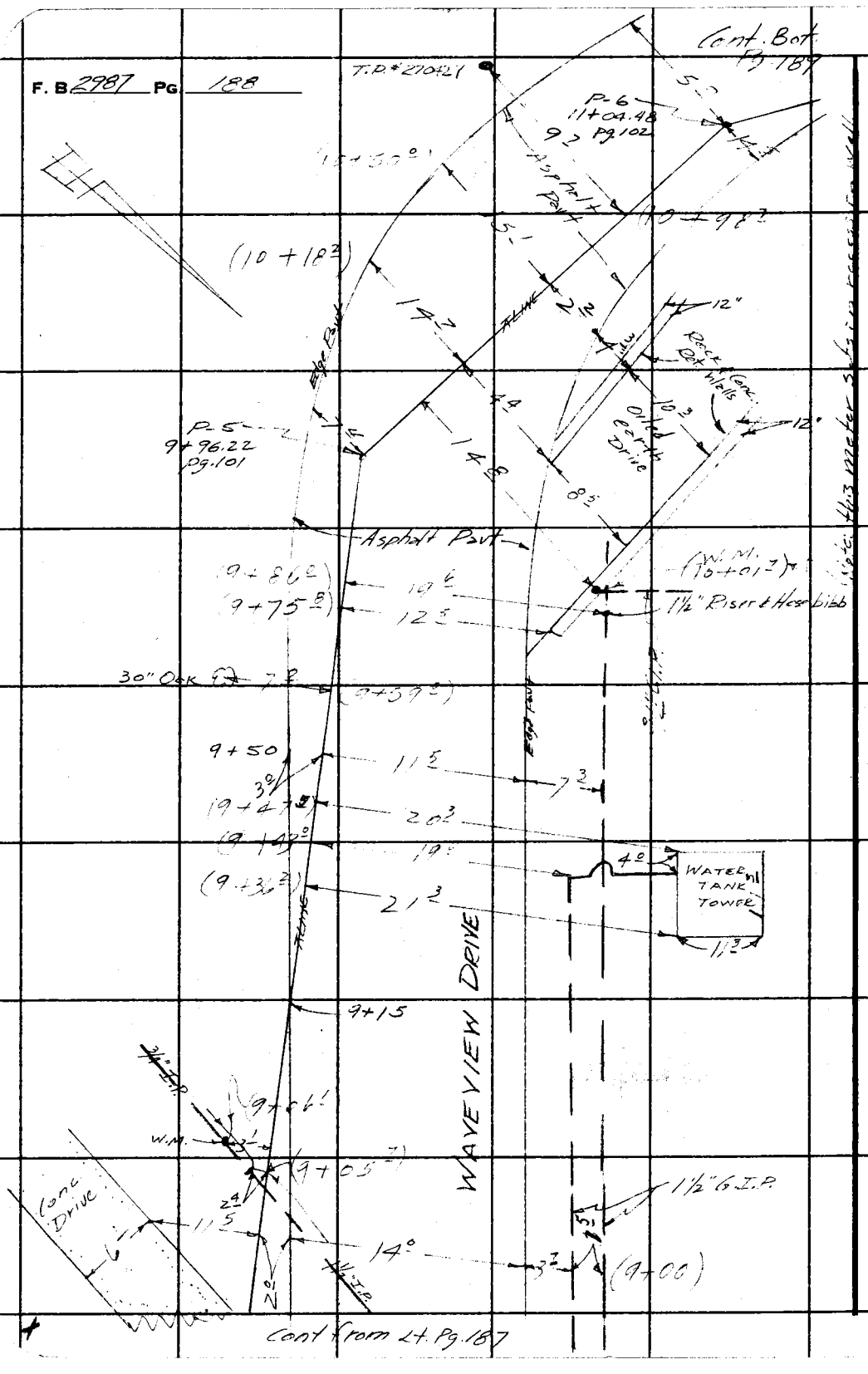


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3095 CE # 310 3-61

F. B. 2987 PG. 188



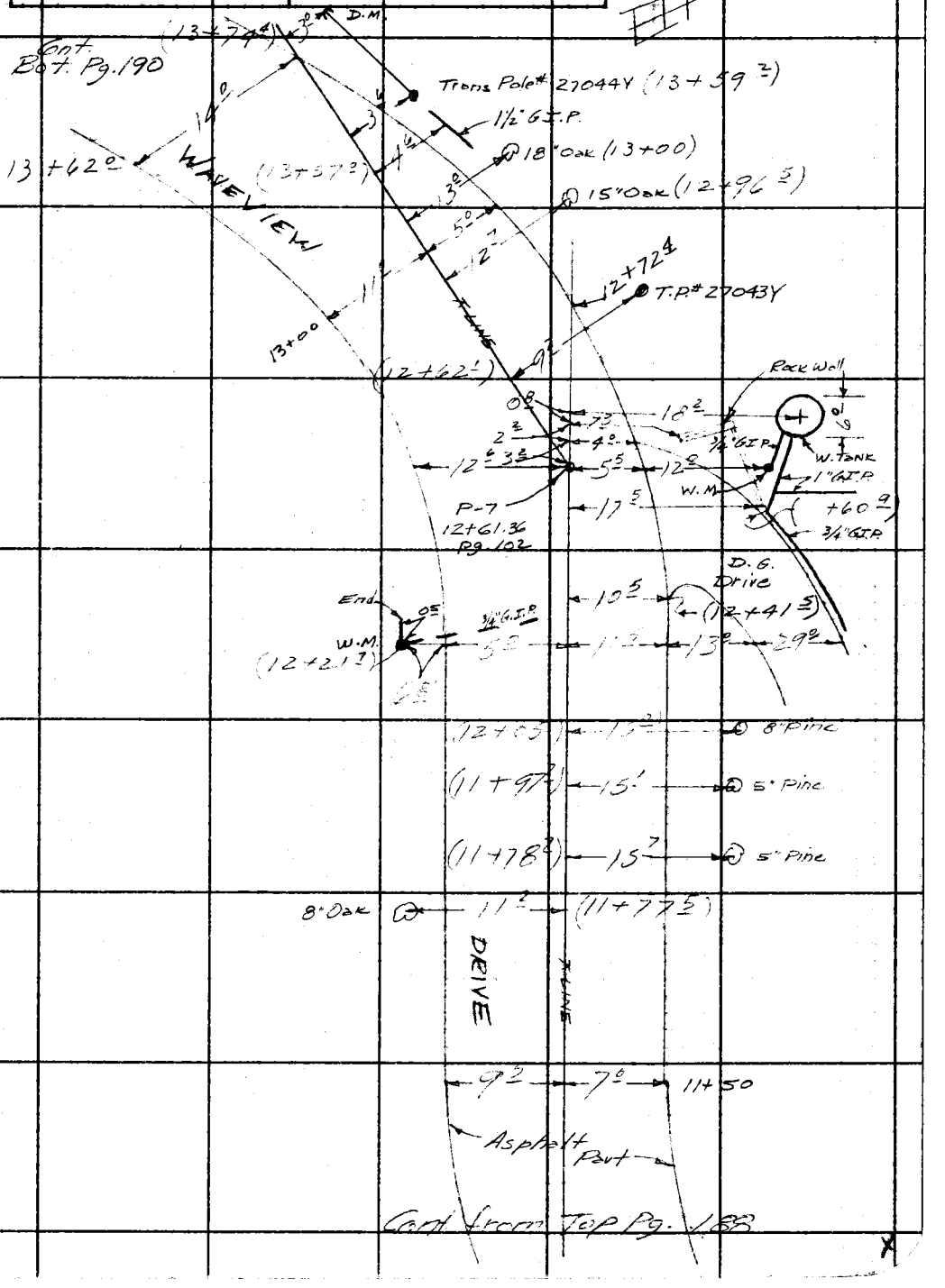
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of WAVEVIEW DRIVE
Map No.	JN 2215.14 Tape Std °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes R.C.B. Date 1/63
Date	Indexed C. J. GALLI

F. B. 2987 PG. 189



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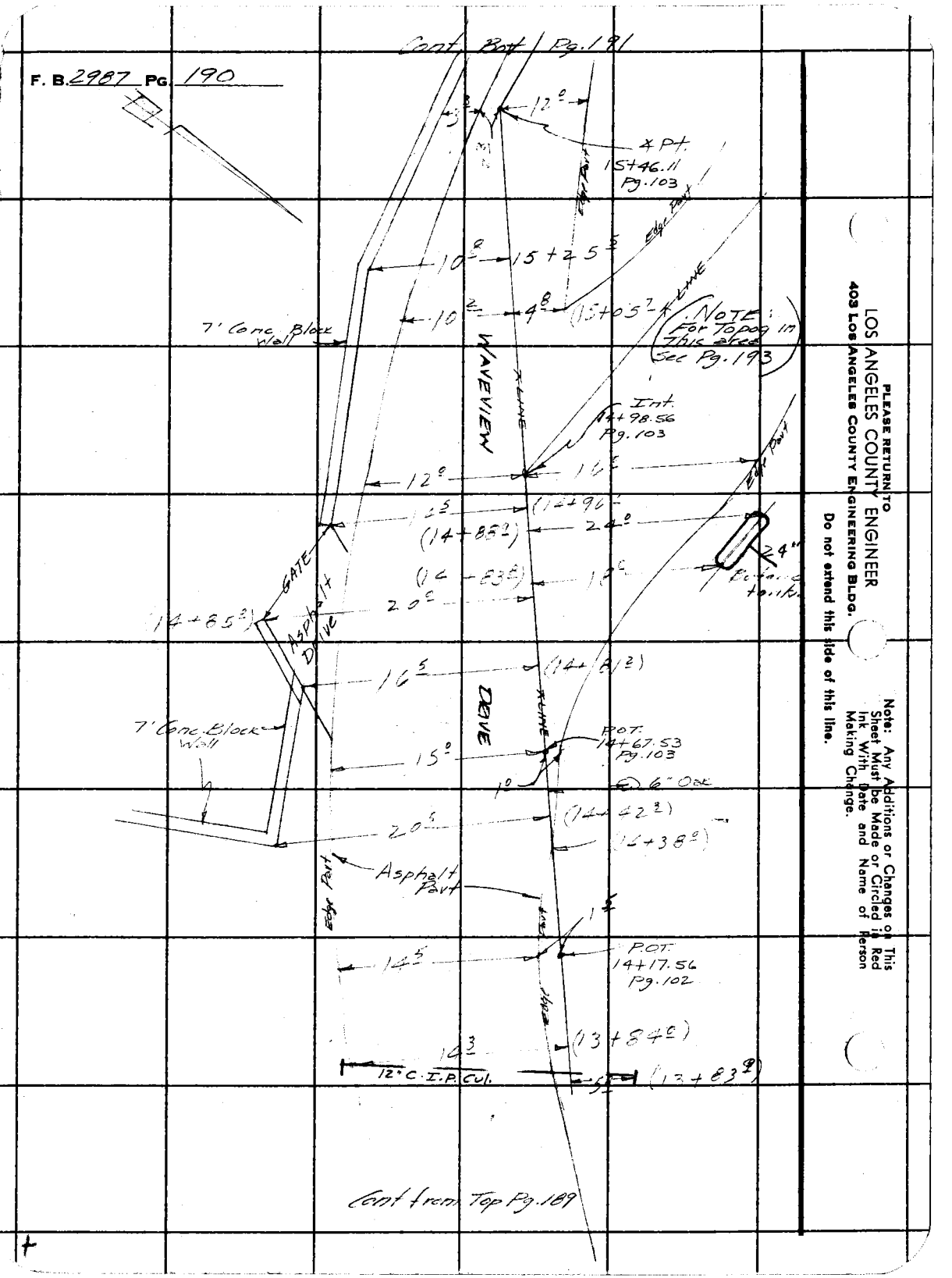
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE # 310 3-61

Cont. Bot. Pg. 191

F. B. 2987 Pg. 190

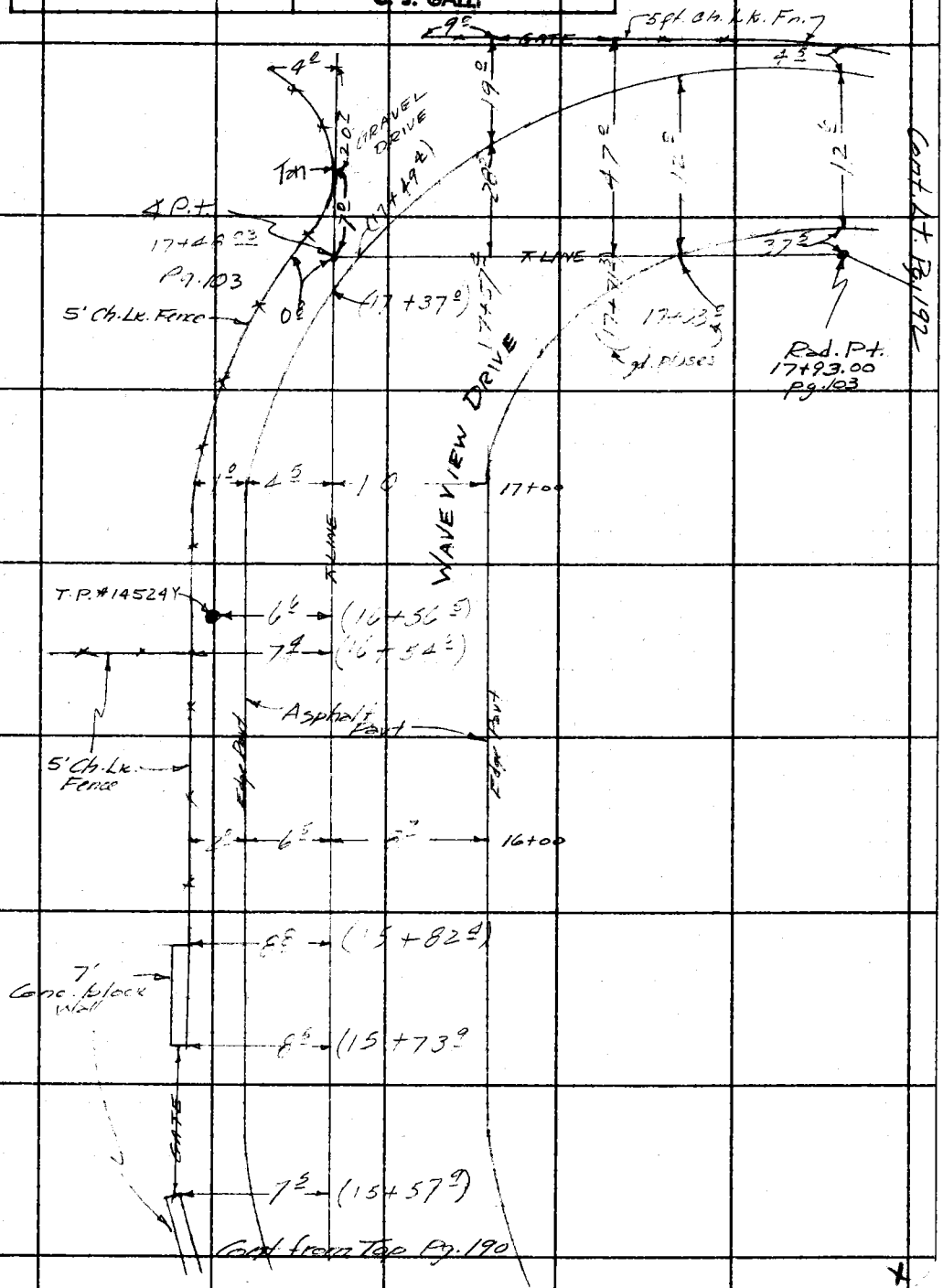


Cont from Top Pg. 189

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by		Survey of WAVE VIEW DRIVE	F. B. 2987 Pg. 191
Map No.		JN 22515.14 Tape	Std °F
Office Work		Surveyed by R.C. Bowers	
Checked		Notes RCB Date 1/63	
Date		Indexed C. J. GALLI	



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

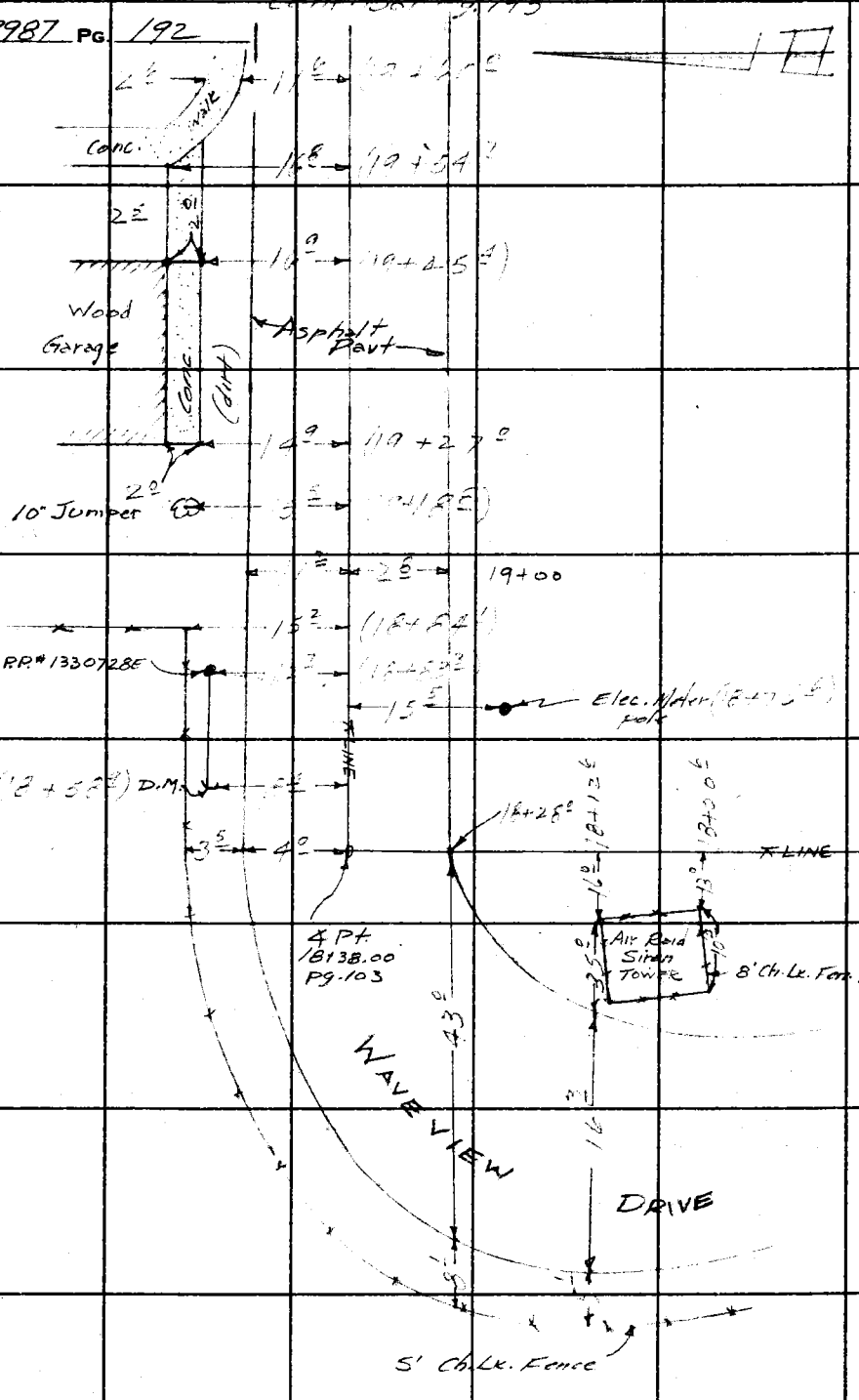
Do not extend this side of this line.

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

76F3095 CE # 310 3-81

F. B. 2987 PG. 192

Cont. Bk. Pg. 193



Cont. from Bk. Pg. 191

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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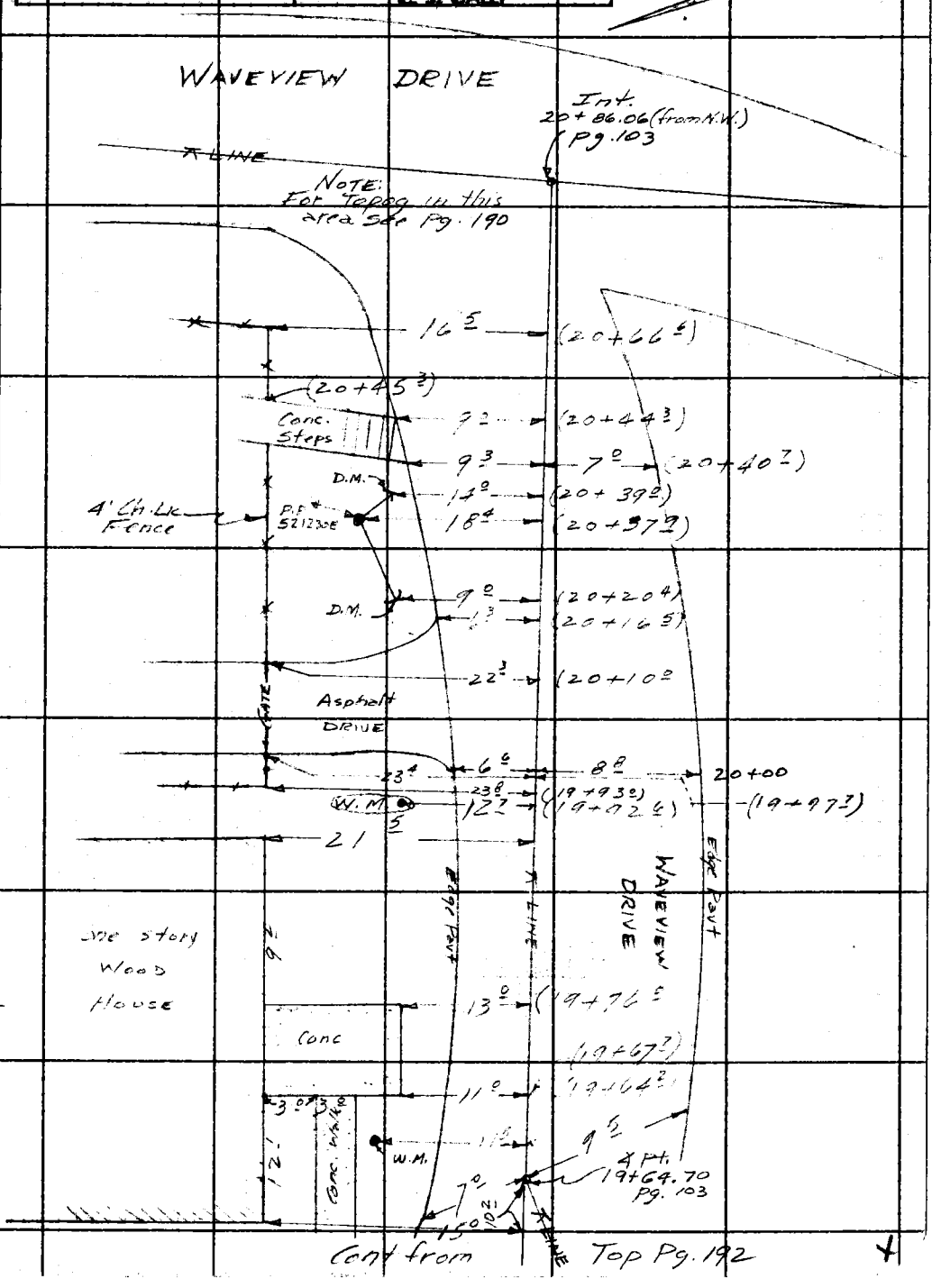
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of WAVEVIEW DR.	F. B 2987 Pg. 193
Map No.	JN 2215.14 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes R.C.B. Date 1/63	
Date	Indexed R. J. GALLI	



Cont from Top Pg. 192

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

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

Do not extend this side of this line.

76F3095 CE # 310 3-61

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 this side of this line.

F. B. _____ PG. 194

F. B. 2987 Pg. 195

Profile No.	Notes Red.	Plotted	Job No. 2215.14	Division No.	
	Date	Date	Survey of ENTRADA ROAD		
X-Sec. No.	Notes Chkd. Miller	Checked	Survey by J.P. MENNE	Notes J.P.M	Date 1-11-63
	Date Jan. 1963	Date	Map No.	Indexed C. J. CALL	Date JAN 24 '63

PROFILE

OF

ENTRADA ROAD

BEGIN

@

TOPANGA CN. ROAD

TO

WAVEVIEW DRIVE

ELEV.	
F. B.	REF. F.B. 2987 — PARTY J.P. MENNE
H. I.	R. GILFOY, I. RANGEL, R. SWANN
B. B.	
STATION	

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

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

Do not extend notes this side of this line.

76L298 S & E #307 9-54

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
B.M. 56-9				770 570	B.M. 56-9 TOP. CN RD. 4.4' mi. N'LY FROM PAC. COAST HWY. — @ N.E'LY COR. CONC. BRIDGE NO. 1282 OVER TOP. CREEK ON RD. LEADING TO TOP. ELEM. SCHOOL — FD. A STD. CO. ENG. BRASS CAD B.M. MON. — MKD. B.M. 56-9 R.E. 5869 — 1960 IN N.E. COR. OF BRIDGE. F.B. 2832-15	
	5 910	776 480				
T.P.			4 640	771 840		
	8 090	779 930				
T.P.			2 435	777 495		
	8 895	786 390			NOTE STATIONING BEGINS @ C.S. MON. — INTERSECTION OF TOPANGA CN. RD. & ENTRADA RD. — PLUS & OFFSET TAKEN ALONG 5' OFFSET LINE ON PGS. 7 & 8 & 106-107-108 — THENCE ALONG TRANSIT LINE	
INTER. TOP. CN. RD. & ℄ ENTRADA			9 83	776 56	INTER. TOP. CN. RD. & ℄ TRAVELED ENTRADA RD. 132' S.E ALONG ℄ TOP. CN. RD. FROM C.S. MON. F.B. 2987-7	
0-34.0			8 92	777 47		77' R. ℄ TRAVELED RD.
0+08.4			6 57	779 82		102' R. " " "
T.P.			0 190	786 200		
	11 505	797 705				
0+61			11 33	786 37		43' R ℄ TRAVELED RD.
1+00			6 60	791 10		21' R " " "
1+20.5			7 29	790 41	19.7' L FL. 18" CORR. I.P.	
T.P.			0 250	797 455		
	11 305	808 760				

F. B. 2987 PG. 196 Job No. 2215.14 Division No. Notes Red. Plotted Profile
Survey of ENTRADA ROAD Date Date No. X-Sec.
Survey by J.P. MENNE Noted J.P.M. Notes Chkd. Checked
Indexed [illegible] J. GAIN Date Date Date No.

76L-298 CE 307 11-58

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
No. X-Sec. Date ____ Date ____ Survey of ENTRADA ROAD
Notes Chkd. ____ Checked ____ Survey by R. MENNE Notes J.P.M. Date 1-11-63
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAU Date ____

F.B. 2487 Pg. 197

STATION	B.S.	H.I.	F.S.	ELEV.	ENTRADA RD	
		808 760 ✓				
1 + 50			11 11	797 65 ✓		11' R. ℄ TRAVELED RD.
1 + 72.6			11 44	797 32 ✓		7.8' R. F.L. 18" CORR. I.P.
2 + 00			4 40	804 36 ✓	9' L ℄ TRAVELED ROAD.	
T.P.			0 360	808 400 ✓		
	11 575	819 915 ✓				
2 + 50			9 86	810 11 ✓	11' L ℄ TRAVELED ROAD	
3 + 00			3 47	816 50 ✓	5' L " " "	
T.P. 3+18.81			0 870	819 105 ✓		
	12 245	831 350 ✓				
3 + 50			7 63	823 72 ✓	NOTE FROM THIS POINT — SHOTS TAKEN ON ℄ OF TRANSIT LINE	
4 + 00			1 51	829 84 ✓	℄	
T.P.			0 190	831 160 ✓		
	12 170	843 330 ✓				
4 + 50			7 14	836 19 ✓	℄	
4 + 99.58			2 24	841 09 ✓	MEAS. ON SPLIT OF ANGLE	28' R.
T.P.			0 430	842 900 ✓		
	12 080	854 980 ✓				
5 + 50			8 71	846 27 ✓	℄	
6 + 00			2 09	852 89 ✓	℄	
T.P.			0 750	854 230 ✓		

76L-288 CE 307 11-58

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 2987 Pg. 98
Survey of ENTRADA ROAD Job No. 2215.14 Division No. Notes Red Plotted Profile No.
Survey by J.P. MENNE Notes J.R.M. Date Notes Chkd. Date Checked Date X-Sec. No.
Indexed C. J. GAUL Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	ENTRADA RD.
T.P.				854 230	
	10 085	864 315			
6+50			4 72	859 59	℄
T.P.			0 202	864 113	
	10 265	874 378			
7+00			7 95	866 43	℄
T.B.M.-1			3 341	871 037	T.B.M.-1 — POW. POLE NO. 508124 E — N.W. COR. OF ENTRADA RD. & ENCINA RD. — SET ② BT. SPKS. EAST SIDE OF POLE
	11 766	882 803			
7+50			9 52	873 28	℄
8+00			2 74	880 06	℄
T.P.			0 380	882 423	
	11 800	894 223			
8+50			7 35	886 87	℄
T.P.			0 190	894 033	
	11 905	905 938			
9+00			11 90	894 04	℄
T.P.			3 485	902 453	
	9260	911 713			
9+50			1064	901 07	
10+00			625	905 46	
10+50			222	909 49	

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD	
		911 713				
T. P.			0465	911 248		
	12 005	923 253				
11+00			980	913 45		℄
11+50			469	918 56		℄
12+00			223	921 02		℄
T. P.			0790	922 463		
	11 785	934 248				
12+50			736	926 89		℄
13+00			240	931 85		℄
13+08.59 T. P.			1505	932 743	Fd. Spk W. & T.	℄
	11 630	944 373				
13+50			800	936 37		℄
14+00			472	939 65		℄
T. P.			0230	944 143		
	11 870	956 013				
14+50			11 45	944 56		℄
15+00			671	949 30		℄
15+50			167	954 34		℄
T. P.			0865	955 148		
	11 655	966 803				
16+00			703	959 77		℄

Profile Notes Red. ____ Plotted ____ Job No. 2215.14 Division No. ____ F. B. 2987 Pg. 199
No. ____ Date ____ Date ____ Survey of ENTRADA ROAD
X-Sec. Notes Chkd. ____ Checked ____ Survey by J. P. MENNE Notes [illegible] Date 11-14-63
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD	
		966 803				
16+50			161	965 19 ✓	15' L	
T. P.			0 590	966 213 ✓		
	11430	977 643 ✓				
17+00			778	969 86 ✓		℄
17+50			119	976 45 ✓		℄
T. P.			0185	977 458 ✓		
	12240	989 698 ✓				
17+80.09 P.I. 8			938	980 32 ✓	15' L	
18+10			630	983 40 ✓		℄
18+50			162	988 08 ✓		℄
T. P.			0290	989 408 ✓		
	11715	1001 123 ✓				
19+00			620	994 92 ✓		℄
T. P.			0345	1000 778 ✓		
	11455	1012 233 ✓				
19+50			985	1002 38 ✓		℄
20+00			352	1008 71 ✓	5' L	
20+33.5			1980	992 43 ✓	12.0 / 7.8 / 19.8 HAND LEVELED TO F.L. 18" CORR. G.I.P.	40' R
T. P.			0995	1011 238 ✓		
	12340	1023 578 ✓				
20+50			875	1014 83 ✓		℄

F. S. 1987 Pg. 200 Job No. 2215.14 Division No. Notes Red. Plotted Profile
Survey of ENTRADA ROAD Date Date No.
Survey by J. P. MEANS Notes I. RANGEL Notes Chkd. Checked X-Sec.
Indexed R. J. GALLI Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
		1023 578 ✓				
21+00			1 40	1022 18 ✓		℄
T. P.			0 535	1023 043 ✓		
	12 170	1035 213 ✓				
21+50			7 10	1028 11 ✓		℄
21+84			5 10	1030 11 ✓	F.L. 8" CORR G.I.P.	14' R
22+00			0 87	1034 34 ✓		℄
22+01			3 41	1031 80 ✓	16.5' L F.L. 18" CORR. G.I.P.	
T.P.			0 460	1034 753 ✓		
	11 295	1046 048 ✓				
21+98			10 98	1035 07 ✓		14.5' R 8" CORR PIPE
22+11.2			9 98	1036 07 ✓		17.1' R 8' CORR I.P.
22+50			5 13	1040 92 ✓		15' R
T. P.			21 30	1043 918 ✓		
	10 915	1054 833 ✓				
23+62			6 07	1048 76' ✓		℄ Traveled road (ENTRADA ROAD)
25+20			0 54	1054 29' ✓	49' L ℄ Traveled road (ENTRADA ROAD)	
P.I. #1 T.B.m-2			83 37	1046 496 ✓	FD 4"x4" CONC. MON. HELD ON COPPER NAIL F.B. 2987 PG 18	
	11 872	1058 368 ✓				
T. P.			0 405	1057 963 ✓		
	11 250	1069 213 ✓				
25+70			7 36	1061 85 ✓	17' L ℄ Traveled road (ENTRADA ROAD)	

Profile Notes Red. ____ Plotted ____ Job No. 2215.14 Division No. ____
No. ____ Date ____ Date ____ Survey of ENTRADA ROAD
X-Sec. Notes Chkd. ____ Checked ____ Survey by J. P. MENNE Notes [illegible] Date 11-14-63
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALL Date ____

F. B. 2987 PG 201

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
		1069 213				
26+00			347	106574		℄
26+22.51 T.P.			0965	1068248		℄
	11870	1080118				
26+50			880	107132		
26+66			1600	106412	12.0 +4.0 16.0 HAND LEVELED TO F.L. 12" CORR. PIPE	33.5' R
27+00			400	107612		℄
27+50			119	107893		℄
T.P.			0165	1079953		
	12200	1092153				
28+00			857	108358		℄
28+50			552	108663		℄
29+00			206	109009		℄
T.P.			0545	1091608		
	10525	1102133				
29+50			825	109388		℄
30+00			484	109729		℄
30+28.2			1022	109191		26.6' R F.L. 18" CORR I.P.
30+32			570	109643	17.5' L F.L. CORR I.P.	
30+50			213	110000		℄
30+63.85 T.P.			0890	1101243	FD BOAT SDK, W & T.	
	11715	1112958				

F. B. 2987 Pg. 202 Job No. 2215.14 Division No. Notes Red. Plotted Profile
Survey of ENTRADA ROAD Date Date No.
Survey by J.P. MENNE Notes I. RANGEL Notes Chkd. Checked X-Sec.
Indexed R. J. GALLI Date Date Date No.

76L298 S & E #3D7 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
		1112 958 ✓				
31+00			814	1110482 ✓		℄
31+50			425	1108 71 ✓		℄
T. P.			0045	1112413 ✓		℄
	11185	1124 098 ✓				
32+00			1110	1113 00 ✓		℄
32+50			600	1118 10 ✓		℄
33+00			180	1122 30 ✓		℄
T. P.			0180	1123 918 ✓		
	7140	1131 058 ✓				
33+50			551	1125 55 ✓		18'R ℄ Travel road (ENTRADA ROAD)
33+71			642	1124 64 ✓	13.4' L F.L. 18" CORR. I. P.	
33+78.2			1259	111847 ✓		34.3'R F.L. 18" CORR. I.P.
33+99.19			263	1128 43 ✓	FD BOAT SPK, W. & T.	℄
T. P.			0485	1130573 ✓		
	10895	1141 468 ✓				
34+50			670	1134 77 ✓		℄
35+05.29			233	1139 14 ✓	31' L split angle	℄ Travel road (ESTRELLA ROAD)
T. P.			0690	1140778 ✓		
	10065	1150843 ✓				
X 35+50			836	1142 48 ✓		℄

Profile Notes Red. Plotted Job No. 22514 Division No.
No. Date Date Survey of ENTRADA ROAD F. B. 2987 Pg. 203
X-Sec. Notes Chkd. Checked Survey by J. P. HERNE Notes J. RANGEL Date 1-14-63
No. Date Date Map No. Indexed E. J. GALEY Date

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
		1150 843 ✓				
36+00			580	114504 ✓		℄
36+50			270	114814 ✓		℄
37+00			003	115081 ✓		℄
T. P.			0695	1150148 ✓		
	11685	1161833 ✓				
37+50			870	115313 ✓		℄
38+00			540	115643 ✓		℄
38+32			990	115193 ✓		41.1'R F.L. 12" CORR. I.P.
38+50			197	115986 ✓		℄
38+92.86			042	116141 ✓		(ESTRADA ROAD) 31'R split angle ℄ Travel road
T. P.			0130	1161703 ✓		
	11985	1173688 ✓				
39+50			841	116528 ✓		℄
39+61.56			970	116399 ✓		44.5'R FD 12" CORR. I.P. UNCOVERED SEE FB 2987-126
40+05			649	116720 ✓		20'R F.L. 12" CORR I.P.
40+00 (SET) T.B.M.-3 40+42.4			386	116983 ✓	S.W. COR. OF ENTRADA ROAD & COLINA DR. LEFT OF TRANSIT LINE 1.5 FT P.P.# 1143394E (F.B. 2987-126 FOR LOCATION OF POLE)	℄
			0445	1173243 ✓		
	11385	1184628 ✓				
40+50			1160	117303 ✓	15' L	
41+00			629	117834 ✓		℄

F. B. 2987 PG. 204 Job No. 2215.14 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ENTRADA ROAD Date ____ Date ____ No. ____
Survey by J. P. MENNE Notes I. RANGEL Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. [illegible] Date ____ Date ____ No. ____

76L298 S & E #307 9-54

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Profile Notes Rod____ Plotted____ Job No. 2215.14 Division No.____
No.____ Date____ Date____ Survey of ENTRADA ROAD
X-Sec. Notes Chkd.____ Checked____ Survey by J.P. MENNIE Notes L. Ramirez Date 1-15-63
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F.B. 2987 Pg. 205

ENTRADA RD.

STATION	B. S.	H. I.	F. S.	ELEV.	
		1184.628 ✓			
41+50			1.00	1183.63 ✓	20' L
42+00			2.22	1182.41 ✓	22' L
42+50			4.53	1180.10 ✓	
T. P.			4.390	1180.238 ✓	
	0.925	1181.163 ✓			
43+00			3.50	1177.66 ✓	
43+50			6.27	1174.89 ✓	
44+00			9.21	1171.95 ✓	
44+50			11.96	1169.20 ✓	
T. P.			12.195	1168.968 ✓	
	0.890	1169.858 ✓			
45+00			2.88	1166.98 ✓	
45+50			4.75	1165.11 ✓	
46+00			6.05	1163.81 ✓	
46+50			6.96	1162.90 ✓	
47+00			7.67	1162.19 ✓	
47+50			8.20	1161.66 ✓	
T. P.			8.080	1161.778 ✓	
	5.015	1166.793 ✓			
X 47+93			1.100	1155.79 ✓	21' L F.L. 24" CORR. I.P.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
		1166793 ✓				
47+97.3			850	115829 ✓		12'R F.L. 24" CORR. I.P.
48+00			555	116124 ✓		℄
48+50			553	116126 ✓		℄
49+00			495	116184 ✓		℄
49+50			463	116216 ✓		15'R ℄ Travel road (ENTRADA ROAD)
49+81.04 T.P.			3745	1163048 ✓	FD BOAT SPK, W. ℄T	℄
	8315	1171363 ✓				
50+00			770	116366 ✓		℄
50+18			1660	115476 ✓	32.5'L 18" CORR I.P.	12.00 HAND LEVELED ON +4.60 / 16.60 TO F.L.
50+34			1061	116075 ✓		6'R 18" CORR I.P.
50+50			560	116576 ✓		℄
51+00			346	116790 ✓		℄
51+50			100	117036 ✓		10'R ℄ Traveled road (ENTRADA ROAD)
T.P.			0160	1171203 ✓		
	11795	1182998 ✓				
52+00			1020	117280 ✓		10'R ℄ Travel road (ENTRADA ROAD)
52+50			684	117616 ✓		℄
53+00 (SET)			355	117945 ✓		℄
52+98 T.B.M-4			3209	1179789 ✓	T.B.M.-4 P.P.# 1111994 E 52+98, 9.1'L ON ENTRADA ROAD, TWO LARGE BOAT SPK S. SIDE POLE	

F. B. 2987 Pg. 206 Job No. 2215.14 Division No. Notes Red. Plotted Date No. Profile
Survey of ENTRADA ROAD Date X-Sec.
Survey by J.P. MENNE Notes I. RANGEL Notes Chkd. Checked Date No.
Indexed [illegible] J. GALLI Date

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA Rd.	
T.B.M.-4				1179789	✓T.B.M-4	
	4749	1184538 ✓				
53+50			134	118320 ✓		℄
T. P.			0610	1183928 ✓		
	10915	1194843 ✓				
54+00			738	118746 ✓		℄
54+50			267	119217 ✓		15'R & Traveled (ENTRADA ROAD) road
T. P.			0455	1194388 ✓		
	11575	1205963 ✓				
55+00			1119	119477 ✓		22'R & Traveled (ENTRADA ROAD) road
55+50			475	120121 ✓		℄
55+69			912	119684 ✓	12'L F.L. 12" CORR. I.P.	
55+75.5			565	120031 ✓		16.5' F.L. 12" CORR. I.P.
T. P.			0570	1205393 ✓		
	12150	1217543 ✓				
56+00			1141	120613 ✓		
56+50			560	121194 ✓		12'R & Traveled (ENTRADA ROAD) road
57+00			127	121627 ✓		12'R & Traveled (ENTRADA ROAD) road
T. P.			0105	1217438 ✓		
	10500	1227938 ✓				
57+47.5			1219	121575 ✓	17.4'L F.L. 18" CORR. I.P.	

Profile Notes Red_____ Plotted_____ Job No. 2215.14 Division No._____
No._____ Date_____ Date_____ Survey of ENTRADA ROAD
X-Sec. Notes Chkd._____ Checked_____ Survey by J.P. MENNE Notes I. RANGEL Date 1-15-63
No._____ Date_____ Date_____ Map No._____ Indexed C. L. OATH Date_____

F. B. 7987 Pg. 207

76L298 S & E #307 9-54

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STATION	B. B.	H. I.	F. S.	ELEV.	ENTRADA RD.	
		1227 938				
57+50			585	1222 09		℄
57+92.5			735	1220 59	4.5'L F.L. 18" CORR.	I.P.
T. P.			1265	1226 673		
	11 380	1238 053				
58+00			972	1228 33		16'R ℄ Traveled road (ENTRADA ROAD)
58+50			206	1235 99		25'R ℄ Traveled road (ENTRADA ROAD)
T. P.			0710	1237 343		
	12065	1249 408				
59+00			638	1243 03		21'R ℄ Traveled road (ENTRADA ROAD)
T. P.			0800	1248 608		
	12100	1260 708				
59+50			1070	1250 01		℄
60+00			527	1255 44		℄
T. P.			0410	1260 298		
	12165	1272 463				
60+50			1116	1261 30		℄
61+00			525	1267 21		
(SET) 61+44.0 T.B.M-5			0638	1271 825	T.B.M-5 P.P. # 386275E 61+44, 45'L	
	0890	1272 715			SET 2 LARGE SPK IN POLE ON N. SIDE	
T. P.			11390	1261 325	JUNCTION OF ENTRADA RD. - COLINA DR. & WAVEVIEW DR. - SOUTH SIDE OF JUNCTION	

F. B. 2987 Pg. 208 Job No. 2215.14 Division No. Notes Red. Plotted Profile
Survey of ENTRADA ROAD Date Date No.
Survey by J.P. MENNE Notes I. RANGEL Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date 1-15-63 Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	ENTRADA RD.
				1261 325 ✓	
	0517	1261 842 ✓			
T.P.			10 368	1251 474 ✓	
	0648	1252 122 ✓			
T.P.			11 732	1240 390 ✓	
	0678	1241 068 ✓			
T.P.			11 640	1229 428 ✓	
	0190	1229 618 ✓			
T.P.			11 162	1218 456 ✓	
	0478	1218 934 ✓			
T.P.			11 665	1207 269 ✓	
	0670	1207 939 ✓			
T.P.			10 660	1197 279 ✓	
	0945	1198 224 ✓			
T.P.			10 917	1187 307 ✓	
	0392	1187 699 ✓			
T.P.			7 910	1179 789 ✓	
	0913	1180 702 ✓			
T.P.			9 702	1171 000 ✓	
	1227	1172 227 ✓			
* T.P.			9 070	1163 157 ✓	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
No. ____ Date ____ Date ____ Survey of ENTRADA ROAD
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes TRANSEL Date 7-15-63
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 2987 #209

76L-296 CE 307 11-58

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F.B. 2987 Pg. 210 | Job No. 22514 Division No. | Notes Red | Plotted | Profile
Survey of ENTRADA ROAD | Date | Date | No.
Survey by J.P. MENKE Notes T. RANCEL | Notes Chkd. | Checked | X-Sec.
Indexed J. J. CAHILL | Date 1-15-63 | Date | Date | No.

ENTRADA RD.

STATION	B.S.	H.I.	F.S.	ELEV
				1163 157 ✓
	3310	1166467 ✓		
T.P.			4668	1161799 ✓
	6622	1168421 ✓		
T.P.			2235	1166186 ✓
	10392	1176578 ✓		
T.P.			2045	1174533 ✓
	9830	1184363 ✓		
T.P.			11120	1173243 ✓
	1356	1174599 ✓		
T.P.			11665	1162934 ✓
	0940	1163874 ✓		
T.P.			10273	1153601 ✓
	0646	1154247 ✓		
T.P.			11320	1142927 ✓
	0588	1143515 ✓		
T.P.			11262	1132253 ✓
	1110	1133363 ✓		
T.P.			11948	1121415 ✓
	1010	1122425 ✓		
T.P.			11084	1111341 ✓

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	ENTRADA RD
				1111 341 ✓	
	0805	1112146 ✓			
T.P.			10778	1101368 ✓	
	0402	1101770 ✓			
T.P.			10780	1090990 ✓	
	0350	1091340 ✓			
T.P.			10610	1080730 ✓	
	0458	1081188 ✓			
T.P.			11778	1069410 ✓	
	0497	1069907 ✓			
T.P.			11908	1057999 ✓	
	0365	1058364 ✓			
T.P.			11868	1046496 ✓	
	0860	1047356 ✓			
T.P.			11623	1035733 ✓	
	0426	1036159 ✓			
T.P.			11731	1024428 ✓	
	0791	1025219 ✓			
T.P.			12004	1013215 ✓	
	0586	1013801 ✓			
T.P.			11423	1002378 ✓	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
No. ____ Date ____ Date ____ Survey of ENTRADA ROAD
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J. RANGEL Date 1-15-63
No. ____ Date ____ Date ____ Map No. ____ Indexed R.J. Gan Date ____

F.B. 2987 Pg. 211

76L-206 CE 307 11-58

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F.B. 2987 Pg. 212
Survey of ENTRADA ROAD Job No. 2215.14 Division No. Notes Red Plotted Profile
Survey by J.P. MENAVE Notes I. RANGEL Date Notes Chkd. Date X-Sec.
Indexed C. J. CAMP Date 1-15-63 Checked Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	ENTRADA RD.	
				1002.378 ✓		
	0372	1002.750 ✓				
T.P.			11940	990.810 ✓		
	0191	991.001 ✓				
T.P.			11550	979.451 ✓		
	0248	979.699 ✓				
T.P.			11705	967.994 ✓		
	0391	968.385 ✓				
T.P.			11459	956.926 ✓		
	0636	957.562 ✓				
T.P.			11978	945.584 ✓		
	0697	946.281 ✓				
13+86			1073	935.55 ✓	4.2' L F.L. 18" CORR I.P.	
13+35			1400	932.28 ✓		30' R F.L. 18" CORR I.P.
T.P.			11792	934.489 ✓		
	0379	934.868 ✓				
T.P.			11688	923.180 ✓		
	1201	924.381 ✓				
T.P.			11116	913.265 ✓		
	3888	917.153 ✓				
T.P.			7072	910.081 ✓		

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
				910 081 ✓		
	0742	910 823 ✓				
T. P.			11 457	899 366 ✓		
	0728	900 094 ✓				
T. P.			11 829	888 265 ✓		
	1002	889 267 ✓				
T. P.			11 759	877 508 ✓		
	2006	879 514 ✓				
T. P.			8 477	871 037 ✓		
	0605	871 642 ✓				
T. P.			11 688	859 954 ✓		
	1083	861 037 ✓				
T. P.			10 946	850 091 ✓		
	0670	850 761 ✓				
T. P.			10 996	839 765 ✓		
	0520	840 285 ✓				
T. P.			10 830	829 455 ✓		
	0517	829 972 ✓				
T. P.			10 922	819 050 ✓		
	0370	819 420 ✓				
T. P.			11 510	807 910 ✓		

Profile Notes Red. ____ Plotted ____ Job No. 2215.14 Division No. ____ F. B. 2987 Pg. 213
No. ____ Date ____ Date ____ Survey of ENTRADA ROAD
X-Sec. Notes Chkd. ____ Checked ____ Survey by J. P. MENNE Notes I. RANGEL Date 1-16-63
No. ____ Date ____ Date ____ Map No. ____ Indexed R. J. [illegible] Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	ENTRADA RD.	
				807 910 ✓		
	0 889	808 799 ✓				
T. P.			11 584	797 215 ✓		
	0 662	797 877 ✓				
T. P.			11 065	786 809 ✓		
	0 609	787 418 ✓				
T. P.			10 705	776 713 ✓		
	5 496	782 209 ✓				
T. P.			8 823	773 386 ✓		
	3 430	776 816 ✓				
B.M. 56-9			6 208	770 608 ✓	B.M. 56-9 ELEV. 770.570	F.B. 2832-15 & F.B. 2967-2

F. B. 2987 Pg. 214 Job No. 2215.14 Division No. Notes Red. Plotted Profile
Survey of ENTRADA ROAD Date Date No.
Survey by J. P. MENNE Notes I. RANGEL Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date 1-16-63 Date Date No.

F. B. 2987 Pg. 215

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 2215.14 | Division No. | Survey of COLINA DRIVE

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey by J.P. MENNE | Notes I. RANGEL | Date 1-16-63 | Map No. | Indexed R. J. GALLI | Date JAN 24 '63

PROFILE

OF

COLINA DRIVE

From SEC 1897

To

WAVEVIEW DRIVE

REF.

F.B. 2987

PARTY

J.P. MENNE

R. GILFOY

I. RANGEL

R. SWANN

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

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761298 S & E #307 9-54

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	COLINA DR.	
T. B. M.-3				1173 243	T.B.M.-3 S.W. COR. ENTRADA RD. & COLINA DR. LEFT OF TRANSIT LINE 1.5FT	P.P. # 1143394 E F.B. 2987-126
	1056	1174 299				
T. P.			7422	1166 877		
	3142	1170 019				
T. P.			8420	1161 599		
	1266	1162 865				
T. P.			7628	1155 237		
	11 246	1166 483				
T. P.			0289	1166 194		
	11 410	1177 604				
T. P.			0425	1177 179		
	11 430	1188 609				
P-1			0220	1188 389	FD. LARGE BOAT SPK. W. & T.	F.B. 2987-57, 58
	6848	1195 237				
FD SPK W & T AT BASE LARGE OAK 40' S. P-1			0660	1194 577	OAK TAFF	
	0265	1194 842				
T. P.			11 562	1183280		
	1014	1184 294				
1+00			510	1179 19	8' L ℄ Traveled road (COLINA DR.)	
1+50			1200	1172 29	℄	
T. P.			11 801	1172493		

F. B. 2987 Pg. 216 Job No. 2214.15 Division No. Notes Red. Plotted Profile
Survey of COLINA DRIVE Date Date No.
Survey by J.P. MENNE Notes I. RANGEL Notes Chkd. Checked X-Sec.
Indexed C. J. GAIN Date 1-16-63 Date Date No.

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Profile Notes Red. Plotted Job No. 2215.14 Division No.
No. X-Sec. Date Date Survey of COLINA DRIVE
No. Notes Chkd. Checked Survey by J.P. MENNE Notes I. RANGEL Date 1-16-63
Date Date Map No. Indexed R.J. Date

F.B. 2987 Pg. 27

STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR.	
				1172.493 ✓		
	0655	1173.148 ✓				
2+00			8.87	1164.28 ✓	℄	
T.P.			11.576	1161.572 ✓		
	0930	1162.502 ✓				
2+50			4.20	1158.30 ✓	℄	
3+00			6.60	1155.90 ✓	℄	
3+50			8.16	1154.34 ✓	℄	
3+60.5			13.10	1149.40 ✓	24.3' L F.L. 18" CORR	I.P.
3+62.1			11.05	1151.45 ✓		4.3' R F.L. 18" CORR. I.P.
4+00			7.15	1155.35 ✓	℄	
T.P.			6.795	1155.707 ✓		
	9.977	1165.684 ✓				
4+50			7.81	1157.87 ✓		
5+00			5.04	1160.64 ✓		
5+50			2.61	1163.07 ✓		
6+00			1.08	1164.60 ✓		
T.P.			1.082	1164.602 ✓		
	6805	1171.407 ✓				
6+50			6.26	1165.15 ✓		
7+00			5.35	1166.06 ✓		

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR.	
		1171407				(COLINA DR)
7+50			456	116685		10'R ℄ TRAVELED ROAD
8+00			442	116699		℄
8+50			396	116745	16'L ℄ TRAVELED ROAD	(COLIMA DR.)
T.P.			3732	1167675		
	7137	1174812				
T.B.M.-3			1560	1173252	T.B.M.-3 EL.-1173.243	S.W. COR. ENTRADA ROAD & COLINA DR. F.B. 2987-126
				1173243	T.B.M.-3	
	11122	1184365				
T.P.			0278	1184087		
	11598	1195685				
10+50			767	118801		℄
11+00			020	119548		℄
T.P.			0480	1195205		
	11050	1206255				
11+50			427	120198		℄
T.P.			1134	1205121		
	11730	1216851				
12+00			991	120694		℄
12+50			570	121115		(COLINA DR) 10'R ℄ TRAVELED ROAD
12+81.1			1100	120585	3.4'L F.L. 12" CORR. I.P.	

F.B. 2987 PG. 218

Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of COLINA DRIVE Date ____ Date ____ No. ____ X-Sec. ____

Survey by J.P. MENNE Notes I. RANGEL Notes Chkd. ____ Checked ____ No. ____

Indexed ____ Date ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	COLINA DR.	
		1216 851 ✓				
12+88.2			5 83	1211 02 ✓		26' R F.L. 12" CORR. I.P.
13+00			2 29	1214 56 ✓	℄	
T. P.			0 241	1216 610 ✓		
	11432	1228 042 ✓				
13+50			9 04	1219 00 ✓	℄	
14+00			4 55	1223 49 ✓	℄	
14+50			0 68	1227 36 ✓	℄	
T. P.			0 494	1227 548 ✓		
	11213	1238 761 ✓				
15+00			8 23	1230 53 ✓	℄	
15+50			4 41	1234 35 ✓	℄	
16+00			1 32	1237 44 ✓	℄	
T. P.			0 570	1238 191 ✓		
	8073	1246 264 ✓				
16+50			6 03	1240 23 ✓	℄	
17+00			4 42	1241 84 ✓	℄	
17+50			2 38	1243 88 ✓	16' L ℄ TRAVELED ROAD	(COLINA DR.)
T. P.			0 848	1245 416 ✓		
	10191	1255 607 ✓				
X 18+00			8 76	1246 85 ✓	℄	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
No. X-Sec. ____ Date ____ Date ____ Survey of COLINA DRIVE
Notes Chkd. ____ Checked ____ Survey by J. JIMENEZ Notes I. RANGEL Date 1-16-63
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 7987 Pg. 2/9

76L-296 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR.	
		1255 607 ✓				
18+50			5 00	1250 61 ✓		℄
19+00			2 82	1252 79 ✓		10'R ℄ TRAVELED ROAD (COLINA DR)
19+50			4 10	1251 51 ✓		10'R ℄ TRAVELED ROAD (COLINA DR)
20+00			8 05	1247 56 ✓		10'R ℄ TRAVELED ROAD (COLINA DR)
T. P.			8 866	1246 741 ✓		
	4843	1251584 ✓				
20+13.3			14 60	1236 98 ✓	43'L F.L. 18" CORR.	I.P.
20+50			5 15	1246 43 ✓		℄
20+70			6 83	1244 75 ✓		20'R. F.L. 18" CORR I.P.
21+00			2 07	1249 51 ✓		℄
T. P.			0 489	1251095 ✓		
	11038	1262133 ✓				
21+50			5 55	1256 58 ✓		℄
T. P.			0 502	1261631 ✓		
	11733	1273364 ✓				
22+00			10 82	1262 54 ✓		
22+50			7 69	1265 67 ✓		
23+00			5 97	1267 39 ✓		
23+50			3 95	1269 41 ✓		
23+80			2 73	1270 63 ✓		

F.B. 2987 PG. 220
Job No. 2215.14 Division No. Notes Red Plotted Profile
Survey of COLINA DRIVE Date Date No. X-Sec.
Survey by J.P. MENNE Notes I. RANGEL Notes Chkd. Checked No.
Indexed E. J. GALLI Date 1-16-63 Date Date

76L-298 CE 307 11-58

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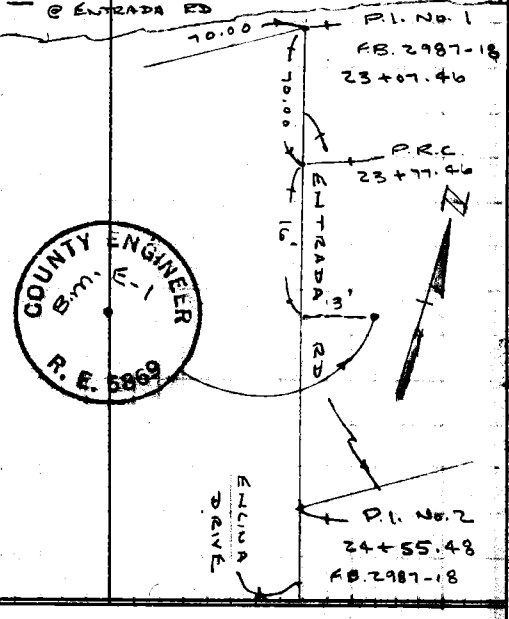
Profile Notes Red. Plotted Job No. 2215.14 Division No.
No. X-Sec. Date Date Survey of COLINA DRIVE
No. Notes Chkd. Date Checked Survey by J.P. MENNE Notes J.P.M. Date 1-16-63
Date Date Map No. Indexed J. J. GALL Date F.B. 2987 Pg 22

STATION	B.S.	H.I.	F.S.	ELEV.	COLINA DR.
		1273 364 ✓			
T.B.M.-5			1567	1271 797 ✓	T.B.M.-5 EL. 1271.825 P.P. # 386275E F.B. 2987-4 @ ENTRADA RD. & COLINA DR & WAVEVIEW DR.
P.I. No. 1 T.B.M.-2 (SET)	10 599	1057 095 ✓		1046 496 ✓	ENTRADA RD. & ENCINA DR. - 4"x4" CONC. MON. - F.B. 2987-18 - EL. 1046.496 F.B. 2987-7
B.M.-E-1			6 252	1050 843 ✓	B.M. E-1 {SEE SKETCH} SET C.E. B.M. MON (UP 2") & MARKER PIPE — @ ENTRADA RD WEST SIDE OF ENCINA DR.
	6 331	1057 174 ✓			
P.I. No.1 T.B.M.-2			10 680	1046494 ✓	T.B.M.-2



76L-298 CE 307 11-56

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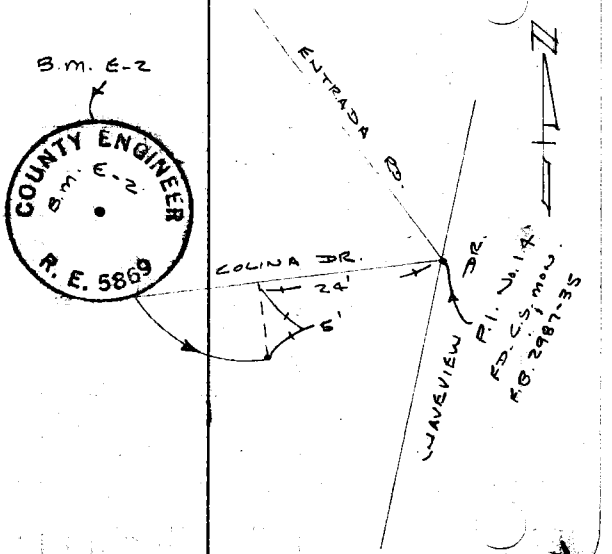
F.B. 2987 Pg. 222 Job No. 22514 Division No. Notes Red Date No. Profile
Survey of COLINA DRIVE Date No. X-Sec.
Survey by J.R. MENKE Notes J.P.M. Notes Chkd. Checked
Indexed E.J. GARY Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
(FS) T. B.M. - 5 (SET)	5 075	1276 900		1271 825	T. B.M. - 5	JUNCTION OF ENTRADA DR. - COLINA DR. & WAVEVIEW DR. - P.P. No. 386275E-@ LG. BT. SPKS.
B.M. E-2			2 694	1274 206	B.M. E-2 (SEE SKETCH)	SET C.E. B.M. MON. (FLUSH)
	2 832	1277 038			& MARKER PIPE - ON ISLAND @ JUNCTION.	
(FD) T. B.M. - 5			5 213	1271 825	T. B.M. - 5	



F. B. 2987 Pg. 223

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
Date ____ Date ____ Survey of Encina Road
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by E.C. Bowers Notes R.C.B. Date 1/63
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

PROFILE

of

ENCINA ROAD & ENCINA DRIVE

From

ENTRADA ROAD (7+19.67)

To

ENTRALA ROAD (24+55.48)

STATION	B.S.	H.I.	F.S.	ELEV.
			REF	
			F.B. 2987	

PARTY

E.C. BOWERS

L.C. SMILEY

~~R.E. BOWER~~

E.A. TINDELL

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76-L.296 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Encina Road
T.B.M. #1	5085	876122		871 037	T.B.M. #1 Elev. 871.037 FB. 2987-198 ENTRADA RD. & ENCINA RD. N.W. Cor. (2) Rt. spks. E. side P.P. # 508124E.
0+00			716	868 96	Pvmt. (⊼ line)
+37 4			700	69 12	15 4 R. (top 1" G.I.P. Water)
"			672	69 40	16 4 R. (top Water Meter)
+50			414	71 98	Pvmt. (⊼ line)
+81 4			571	70 41	17 9 R. (top water meter)
1+00 0			439	71 73	Pvmt. (⊼ line)
+28 0			538	70 74	20 0 R. top. 1" G.I.P. (water)
+50			454	71 58	Pvmt. (⊼ line)
+98 44			503	71 09	B.C. #1 (Pvmt. ⊼ line)
2+00			506	71 06	Pvmt. (⊼ line)
+36 5			594	70 18	7 8 R. (top Water Meter)
+50			558	70 54	Pvmt. (⊼ line)
+50			992	66 20	14 7 R. (1" G.I.P. Water)
3+00			585	70 27	Pvmt. (⊼ line)
+50			643	69 69	" "
T.P.	0510	870123	6509	869613	T.P. (P-1B) 3+52 79 Spk. & t. Pg. 40
4+00			244	67 68	Pvmt. (⊼ line)
+50			592	864 20	12 5 Lt. (Ctr. Pvmt.)

F.B. 2987 PG. 224 Job No. 221514 Division No. Notes Red Date Plotted Date No. Profile X-Sec.
Survey of ENCINA ROAD Notes Chkd. Date Checked Date No.
Survey by R.C. Bowers Notes Smiley
Indexed P. T. BALL Date

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA ROAD
4+84 8		870 123	1195	858 17	1 4 R. (invert 12" Corr. G.I. Drain Culvert)
+91 0			871	61 41	17 2 L. (" " " " ")
5+00			594	64 18	12 3 L. (Ctr. Prmt.)
+10 5			830	61 82	3 2 R. (top. 3/4" G.I.P. Water.)
+11 5			797	62 15	3 3 R. (" Water Meter.)
+50			068	69 43	Prmt. (⊼ line)
T.P.	10 303	879 581	0845	869278	T.P. (10 ft. L. @ 5+45 = Small bt. spk. in Prmt.)
6+00			204	77 54	Prmt. (⊼ line)
T.P.	7705	886559	0727	878854	T.P. (0.5 R. @ 6+11 = Small bt. spk. in Prmt.)
+40 13			573	80 83	9 0 R. Ctr. Prmt.
+67 0			460	81 96	⊼ line (Edge of Prmt.)
7+00			393	82 63	Prmt. (⊼ line)
+50			440	82 16	" "
8+00			594	80 62	" "
+41 0			1161	74 95	8 1 R. (invert 12" Corr. G.I. Drain Culvert)
+52 3			753	79 03	20 2 L. (" " " " " ")
+85 27			523	81 33	P-3 (Pg 41)
T.P.	0887	882248	5198	881361	T.P.
BM. "M-1"	10109	882467	9890	872358	B.M. "M-1", Elev= East side of Muerdago Rd., 102' So. of Encina Road. Bt. spk in lead on No. Side of Drop Catch basin.

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
No. ____ Date ____ Date ____ Survey of ENCINA DRIVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.C. Rowers Notes Smiley Date 1/63
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F.B. 2987 Pg. 225

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA ROAD
9+00		882467	072	881 75	Prmt. (⊼ line)
T.P.	9532	891.282	0717	~~881750~~	T.P.
9+50			205	889 23	Prmt. (⊼ line)
T.P.	10865	900.984	1163	890119	T.P.
10+00			363	897 35	Prmt. (⊼ line)
+21.08			030	900 68	P-4 (Prmt. ⊼ line)
T.P.	11742	912293	0433	900 551	T.P. bt spks. in Prmt.
10+48.6			1305	899 24	12.8 R. (invert 18" Corr. G.I. Pipe drain)
+50			828	904 01	Prmt (⊼ line)
+64.4			917	903 12	13.0 L (invert 18" Corr " " ")
11+00			137	910 92	Prmt. (⊼ line)
T.P.	11762	923353	0702	911591	T.P.
+50			578	917 57	
+92.7			010	923 25	Prmt (P.5) ⊼ line
T.P.	11592	934860	0085	923 268	T.P. - P-5 (11+92.69) Pg.42
12+00			1068	924 18	Prmt. (⊼ line)
+50			560	929 26	" "
13+00			088	933 98	" "
T.P.	11180	944832	1208	933652	
13+25.78			748	937 35	Prmt. (P-6) ⊼ line
+34.0			842	936 41	19.0 R. (top 1" G.I. P. water)

F.B. 2987 Pg. 226 Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Date ____ Date ____ No. ____ X-Sec. ____
Survey of ENCINA ROAD Notes Smiley Notes Chkd. ____ Checked ____ No. ____
Survey by RC Bowers Date ____ Date ____
Indexed R. J. GALLI Date ____

76-L298 CE 307 3-61

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ENCINA ROAD

STATION	B.S.	H.I.	F.S.	ELEV.	
		944 832 ✓			
13+50			393	940 90 ✓	Prmt. (⊼ line)
+50 3			730	937 53 ✓	12 Rt. (Invert Conc. G.I. Culvert Drain)
+55 7			460	940 23 ✓	10 Lt.
+63 7			350	941 33 ✓	13 Lt. (top 1" G.I. Pipe Culvert)
B.M. E-1'	10040	952 677 ✓	2195	942.637 ✓	B.M. E-1' Elev.
					ENCINA RD. (N. side & 13 ft. Left @ Sta. (13+00) a bt spk. in rock & conc. hdwall.
14+00			480	947 88 ✓	Prmt. (⊼ line)
+29 42			021	951 47 ✓	Prmt. (P-7)
T.P.			022	952 413 ✓	T.P. Set [illegible]
	10 655	963 068 ✓			
14+50			8 91	954 16 ✓	⊼ Line
15+00			3 25	959 82 ✓	
15+07 3			3 96	959 11 ✓	26 Rt. F.L. 42" C.I.P. Culvert
T.P.			0 614	962 454 ✓	
⊼	11 049	973 503 ✓			
15+10 e			12 70	960 80 ✓	⊼ line - Edge Pvmt
15+36 e			9 29	964 21 ✓	⊼ line " "
15+47 2			10 82	962 68 ✓	41' Lt. F.L. 42" C.I.P. Culvert
15+50.			7 37	966 13 ✓	

Profile Notes Red ____ Plotted ____ Job No. 22.15.14 Division No. ____
No. ____ Date ____ Date ____ Survey of ENCINA ROAD
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.C. Bowers Notes S. Miller Date 1/63
No. ____ Data ____ Date ____ Map No. ____ Indexed R. J. Gatti Date ____

F.B. 2987 Pg. 227

76-L298 CE 307 3-61

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F.B. 2787 Pg. 228 Job No. 2-1537 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of Encina Road Notes E.C. Bauer Date ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Survey by E. C. Bauer & G. A. Gall Date ____ Date ____ Date ____ No. ____
Indexed ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA ROAD
		973 503			
15+73.8			7 7.5	965.72	18° Rt. F.L. 18" C.I.P. Culvert
15+84.14			4 52	968.98	Edge Pavt
15+883 ±			6 12	967.38	2± Lt. of Prol. F.L. 18" C.I.P. Culvert
16+00			4 00	969.50	℄ Line
16+50			1 50	972.00	" "
T.P.			0 813	972 690	
	6 650	979 340			
17+00			5 33	974.01	" "
17+05.9			5 30	974.04	" " Edge Pavt
17+23.0			5 11	974.23	" " " "
17+50.0			5 58	973.76	℄ Line
17+67.5			9 05	970.29	4± Rt. F.L. 12" C.I.P. Culvert
"			7 16	972.16	15± Lt " " " "
17+68.0			5 60	973.74	℄ Line Edge Pavt
18+00			4 97	974.37	℄ Line
18+50			4 25	975.09	"
19+00			5 06	974.28	"
P-11					
19+10.80 = T.P.			5 280	974 060	℄ Line
	4 229	978 289			
T.B.M. E-2			4 088	974 201	Set T.B.M. E-2, E'ly Side Encina Road, set Bt. spike in lead on top of First Step; 19+29 ±, Lt. 4± of ℄ Line Const P-11 Elev =

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Profile Notes Red Plotted Job No 22514 Division No.
No. X-Sec. Date Date Survey of Encina Road
No. Date Notes Chkd. Checked Survey by R.C. Bowers Notes 12/63 Date 1/63
Date Map No. Indexed Date

F.B. 2987 PG. 229

STATION	B.S.	H.I.	F.S.	ELEV.	Encina Road
T.B.M. E-2				974 201	T.B.M. E-2, E'ly side of Encina Road, set Bt. spk in lead on top of 1st step, 19+29±, Lt. 4± of ℄ Line (near P-11)
	4 869	979 070			
			5 33	973 74	℄ Line - edge Pavt
19+30±			7 09	971 98	FL. 15" C.I.P. Culvert (29± Rt.)
19+37±			6 76	972 31	" " " " (3± Rt)
19+39±			4 31	974 76	℄ Line - edge Pavt
19+74±			3 07	976 00	"
20+00			1 27	977 80	"
20+50			0 20	978 87	" - edge Pavt.
20+ 73±					
T.P.			0 774	978 296	
	10 175	988 471			
			5 78	982 69	17± Lt. Ctr. Pavt.
21+00			1 79	986 68	13± Lt. " "
21+50					
T.P.			0 545	987 926	
	4 105	992 031			
			2 59	989 44	13± Lt. " "
22+00			3 55	988 48	℄ Line Edge Pavt
22+30			15 8	976 23	22± Rt. F.L. 30" C.I.P. Culvert
22+43±			4 58	987 45	℄ Line
22+50			5 12	986 91	" " Edge Pavt.
22+ 69±			5 20	986 83	" " " "
22+ 72±					

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STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA ROAD
		992 031			
			9 45	982 58	19 3 Lt. F.L. 30" C.I.P. Culvert
22+75 5			5 93	986 10	⊼ Line
23+00			1 81	990 22	11 1 Lt. Ctr. Pavt.
23+50			0 643	991 388	
T.P.	6 631	998 019			
			5 33	992 69	10 5 Lt. Ctr. Pavt.
24+00			4 98	993 04	⊼ Line
PI 14					
24+34.36			5 16	992 86	"
24+50			5 58	992 44	"
25+00			9 80	988 22	"
25+50			11 26	986 76	"
26+00			20 6	977 42	18 0 RT. F.L. 12" C.I.P. Culvert
26+27 0			14 5	983 52	13 5 Lt. " " " "
26+28 5			10 40	987 62	⊼ Line
26+50			6 90	991 12	⊼ Line Edge Pavt
26+94 0			6 54	991 48	14 0 Lt. Ctr. Pavt
27+00			5 06	992 96	⊼ Line Edge Pavt
27+21 0			5 630	992 389	
T.P.	9 469	1001 858			
			9 31	992 55	⊼ Line
27+50					

F.B. 2987 PG. 230 Job No. 2215.14 Division No. Notes Red Date Plotted Date No. Profile X-Sec.

Survey of ENCINA ROAD Notes RCB Notes Chkd. Date Checked Date No.

Survey by R.C. BOWERS Date

Indexed [illegible] Date

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Profile Notes Red ____ Plotted ____ Job No 22514 Division No. ____
No. X-Sec. Date ____ Date ____ Survey of Encina Road
No. ____ Notes Chkd. ____ Checked ____ Survey by E.C. Bowers Notes Rec'd ____ Date 1/63
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2987 Pg. 23

STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA ROAD
		1001.858			
28+00			5.80	996.06	℄ Line
28+50			1.78	1000.08	"
T.P.			0.522	1001.336	
	9.820	1011.156			
P-16					
29+00.63			6.74	1004.42	"
29+50			5.55	1005.61	"
29+89.2			3.25	1007.91	" Edge Pvmt
30+03.2			2.30	1005.86	" "
T.P.			0.550	1010.606	
	10.564	1021.170			
30+25			9.95	1011.22	"
P-18A					
30+46.26			7.65	1013.52	"
30+80			5.45	1015.72	"
P-18B					
3+08.09 = T.P.			0.908	1020.262	"
	9.722	1029.984			
31+50			4.82	1025.16	"
T.P.			0.667	1029.317	
	11.028	1040.345			
T.B.M. E-3			7.260	1033.085	Set T.B.M E-3 So. Side of Encina Rd., Bt. spk. in Trans. pole # 17324-Y, 1.3' E of 1.2 So. of P-19, Pg. 5 Elev.
	10.678	1043.763			

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STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA ROAD
		1043 763			
32+00			12 72	1031 04	⊼ Line
32+50			6 53	1037 23	"
32+82			2 53	1041 23	" - Edge Pavt
33+00			0 85	1042 91	"
T.P.			0 698	1043 065	
	10 320	1053 385			
33+50			6 00	1047 39	
33+92.5			4 66	1048 73	16.5 Rt. F.L. 16" C.I. Culvert
34+00			2 07	1051 32	⊼ Line
34+12.5			2 79	1050 60	17.5 Rt. F.L. 16" C.I. Culvert.
T.P.			0 745	1052 640	
	10 357	1062 997			
34+50			6 91	1056 09	⊼ Line
P-21			5 29	1057 71	"
34+67.86			3 22	1059 78	"
35+00			0 712	1062 285	
T.P.					
	10 553	1072 838			
35+50			9 50	1063 34	"
36+00			5 33	1067 51	"
36+50			0 40	1072 44	"

F.B. 2987 Pg. 232 Job No. 2215.14 Division No. Notes Red Date Plotted Date No. Profile X-Sec.

Survey of ENCINA ROAD Notes Chkd. Date Checked Date No.

Survey by R.C. BOWERS Notes Date

Indexed [redacted] Date

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STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA DRIVE
		1072 838			
T.P.	10 811	1083 076	0 573	1072 265	
37+00			5 73	1077 35	⊼ Line
P-1 37+15.39			4 16	1078 92	" — Edge Pavt.
37+50			0 95	1082 13	"
T.P.			0 345	1082 731	
	3 500	1086 231			
38+ 00			1 88	1084 35	"
38+ 50			1 88	1084 35	"
39+00			4 31	1081 92	
39+17.4			8 25	1077 98	21.5 Rt. F.L. 24" C.I.P. Culvert
39+29.2			10 46	1075 77	17.0 Lt. " " " " "
39+50.0			5 68	1080 55	⊼ Line
39+60.0			6 29	1079 94	" " Edge Pavt
T.B.M. E-4			4 754	1081 477	Set T.B.M. E-4, Encina Drive, 37'± W. & 6.5 So. of P-2, pg. 167 on S.E. Corr. of conc. landing of steps. Bt. spk & lead. Elev.
	0 232	1081 709			
40+48			5 00	1076 71	⊼ Line — Edge Pavt
41+00			7 36	1074 35	"
41+50			9 15	1072 56	"
41+ 50.3			10 64	1071 07	9.3 Lt. F.L. 8" C.I.P. Drain
"			14 49	1067 22	16.9 Lt. " " " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 221514 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ENCINA DRIVE
Notes Chkd. ____ Checked ____ Survey by P.C. BOWERS Notes PCB Date 1/63
No. ____ Date ____ Date ____ Map No. ____ Index J. GAULT Date ____

F.B. 2987 Pg. 233

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STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA DRIVE
		1081 709			
41+63.8			15 72	1065 99	19.5 Lt. F.L. 18" C.I.P. Culvert
41+68.5			12 33	1069 38	12.5 Rt. " " " "
42+00			9 66	1072 05	⊼ Line
42+50			11 61	1070 10	"
T.P.			11 853	1069 356	
	2 304	1072 160			
43+00			3 70	1068 46	"
43+50			5 00	1067 16	"
43+88.7			8 31	1063 85	11.3 Rt F.L. 12" C.I.P. Culvert
43+89.5			11 11	1061 05	15.0 Lt " " " "
44+00			5 40	1066 76	⊼ Line
44+50			5 02	1067 14	"
44+67.0			4 84	1067 32	" Edge Paut
45+05.2			4 85	1067 31	" " "
45+50			4 56	1067 60	"
46+00			4 26	1067 90	"
46+50			3 91	1068 25	"
47+00			1 92	1070 24	"
"			15 15	1057 01	25.8 Lt. F.L. 24" C.I.P. Culvert
			8 11	1064 05	17.5 Rt. " " " "

X

F.B. 2987 Pg. 234
Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ENCINA DRIVE Date ____ Date ____ No. ____
Survey by R.C. BOWERS Notes R.C.B. Notes Chkd. ____ Checked ____ X-Sec.
Indexed ____ Date ____ Date ____ Date ____ No. ____

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Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____
No. ____ Date ____ Date ____ Survey of ENCINA DRIVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by E.C. Bowers Notes E.C.B. Date 1/63
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Data ____

F.B. 2987 Pg. 235

ENCINA DRIVE

STATION	B.S.	H.I.	F.S.	ELEV.	
		1072.160			
47+43 ±			0.13	1072.03	℄ Line - Edge Pavt.
T.P.			0.460	1071.700	
	7.941	1079.641			
48+03 ±			2.94	1076.70	" - " "
48+50			3.87	1075.77	"
49+00			7.94	1071.70	"
49+29 ±			15.56	1064.08	14 ± Lt. F.L. 12" C.I.P. Culvert
49+30 ±			11.46	1068.18	18° Rt. " " " "
49+50			11.35	1068.29	℄ Line
T.P.			11.708	1067.933	
	0.938	1068.871			
P-5 49+93.01			2.46	1066.41	℄ Line - Edge Pavt
50+50			6.63	1062.24	"
T.P.			11.827	1057.044	
	0.743	1057.787			
51+00			2.39	1055.40	"
51+50			10.07	1047.72	"
T.P.			11.620	1046.167	
	0.822	1046.989			
51+73 ±			8.93	1038.06	26° Lt. F.L. 12" C.I.P. Culvert

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STATION	B.S.	H.I.	F.S.	ELEV.	ENCINA DRIVE	
		1046 989				
51+74 4			4 04	1042 95	22 7 Lt, F.L. 12" C.I.P.	Drain
"			5 94	1041 05	26 7 Lt. " " "	"
51+75 0			6 40	1040 59	14 2 Rt. F.L. 12" C.I.P.	Culvert.
51+82 5			2 90	1044 09	⊼ Line - Edge pavt.	
52+22 4			4 52	1042 47	" " "	
52+50			4 62	1042 37	"	
52+56 8			7 16	1039 83	12 0 Rt. F.L. 12" C.I.P.	Culvert (pipe size changes)
52+62 8			12 07	1034 92	15 6 Lt. F.L. 18" C.I.P.	Culvert
53+00			3 59	1043 40	⊼ Line	
53+31 0			2 07	1044 92	" " - Edge Pavt	
53+50			0 97	1046 02	18 0 Rt. Ctr. Pavt	
T.P.			0 680	1046 309		
	10 010	1056 319	~~10 010~~			
53+87 0			9 06	1047 26	⊼ Line - Edge Pavt	
54+00			8 31	1048 01	"	
PI 2 54+43.57			6 07	1050 25	⊼ Line - " "	
B.M. E-1			5 485	1050 834	B.M.E-1 Elev. 1050.843 Fd C.E. B.M. Mon. & Marker Pipe, W. Side of Encina Dr. & So. Side of Entrada Rd. F.B. 2987-221	

F.B. 2987 Pg. 236 Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of ENCINA DRIVE Date ____ Date ____ No. ____
Survey by RCBOWERS Notes RCB Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed [illegible] Date ____ Date ____ No. ____

Profile	Notes Red	Plotted	Job No. 2215.14	Division No.	F.B. 2987 Pg. 237
No.	Date	Date	Survey of Muerdago Road		
X-Sec.	Notes Chkd.	Checked	Survey by RCBowers	Notes R.C.B.	Date 1/63
No.	Date	Date	Map No.	Indexed [illegible]	Date [illegible]

PROFILE

of

MUERDAGO ROAD

From

Encina Road to Sec. line

bet Sec. 7 & Sec. 18

	Ref.	Party
ELEV.	F.B. 2987	Bowers
		Smiley
		Dover
F.S.		Tindell
H.I.		
B.S.		
STATION		

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STATION	B.S.	H.I.	F.S.	ELEV.	Muerdago Road
B.M. M-1				872 358	B.M. M-1, Elev. 872.358 E. side of Muerdago Rd., 102' So. of Encino Rd.. Bt. spk in lead on No. Side of Drop Catch Basin F.B. 2987-225
	9 112	881 470			
0+50			4 16	877 31	⊼ Line
0+84			9 18	72 29	3° Rt. Top 1½' G.I.P.
1+00			8 98	72 49	⊼ Line
1+00 8			9 "	72 36	22³ Lt. Top Catch Basin
"			20 1	61 4	20³ Lt F.L. 96" C.I.P. Culvert
"			16 0	65 5	22³ Lt. F.L. 48" " " " "
1+01 4			22 5	59 0	20⁵ Rt. F.L. 96" C.I.P. "
1+50			9 75	71 72	⊼ Line
T.P.			9 690	871 780	
	4 700	876 480			
1+69 1			18 25	58 23	25° Rt. F.L. 96" C.I.P. Culvert
1+72 2			15 00	61 48	15° Lt. " " " "
1+95 2			4 88	71 60	⊼ Line - Edge Part.
2+17 2			4 63	71 85	" " "
2+50 2			5 31	71 17	"
3+00			5 03	71 45	"
1+2 3+22.85			5 39	71 09	"
3+50			6 50	869 98	

F.B. 2987 PG. 238
Job No. 2215.14 Division No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Profile ____ No. ____
Survey of Muerdago Road Notes Chkd. ____ Date ____ Checked ____ Date ____ X-Sec. ____ No. ____
Survey by R.C. Bowers Notes R.C.B. Date ____
Indexed [illegible] Date ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

Profile Notes Red____ Plotted____ Job No. 2215.14 Division No.____
No.____ Date____ Date____ Survey of MUERDAGO ROAD
X-Sec. Notes Chkd.____ Checked____ Survey by E.E. Bowers Notes C.S. Date 1/63
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F.B. 27287 PG. 239

STATION	B.S.	H.I.	F.S.	ELEV.	MUERDAGO ROAD
		876.480		8	
4+00			9.96	866.52	℄ Line
T.P.			11.674	864.806	
	0.195	865.001			
4+50			3.85	861.15	"
4+93.2			5.92	59.08	" Edge Pavt
4+88.8			6.50	58.50	" " "
5+ 0.2			7.14	57.86	"
5+ 26.2			8.75	56.25	" " "
5+45.2			11.20	53.80	13 Rt. F.L. 24" C.I.P. Culvert
5+46.2			14.30	50.70	13 Rt. F.L. " " "
5+50			8.43	56.57	72 Rt. ctr. Pavt
5+64			8.93	56.07	℄ Line - Edge Pavt
T.P.			7.702	857.299	
	10.200	867.499			
P-38 5+98.95			9.73	57.77	℄ Line
6+50			6.55	60.95	"
7+ 00			0.12	67.38	"
T.P.			0.587	866.912	
	11.268	878.180			
7+50			6.25	871.930	"

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	MUERDAGO ROAD
		878 180		~~875 99~~	
P-4 7-97.30			2 19	875 99	⊼ Line
T.P.			0 [illegible]	877 466	
	7 907	885 373			
8+47			5 58	79 79	" - Edge Pavt
8+96			3 86	81 51	" " "
9+00			3 81	81 56	"
9+50			3 62	81 75	"
∡Pt. 9+95.91			1 67	83 70	9° Rt - Ctr. Pavt
10+45			1 45	83 92	- Edge Pavt
T.P.			0 490	884 883	
	9 732	894 615			
11+00			8 13	86 49	⊼ Line
11+20			7 38	87 24	" Edge Pavt
11+50			5 68	88 94	15° Lt. Ctr. Pavt
11+58²			14 28	80 34	10⁴ Rt. F.L. 12" G.I.P. Culvert
11+64²			4 43	90 19	26⁶ Lt Top. Catch Basin
"			unable to get shot		" F.L. 12" C.I.P Culvert
11+70			6 06	88 56	⊼ Line - Edge Pavt
P-6 11+76.09			5 58	89 04	"
11+86			6 35	88 27	" " "

F.B. 2987 PG. 240 Job No. 2215.14 Division No. Notes Red Plotted Profile
Survey of MUERDAGO ROAD Date Date No. X-Sec.
Survey by R.C. BOWERS Notes RCB Notes Chkd. Checked
Indexed J. GALLI Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
		894 615				
12+00			6 03	888 59	8° Lt ctr. Pavt.	
12+50			6 99	887 63	8° Lt. " "	
12+70			7 79	886 83	⊼ Line - Edge Pavt	
13+00			9 90	884 72	"	
T.P.			10 607	884 008		
	0 235	884 243				
13+26°			2 85	881 39	" " "	
13+50			7 12	877 12	"	
T.P.			11 335	872 908		
	0 208	873 116				
14+00			4 30	868 82	12° Lt. Ctr. Pavt	
14+50			7 10	866 02	13° Lt. " "	
P-8 14+68.93			7 45	865 67	13° Lt " "	
15+00			7 58	865 54	9° Lt " "	
15+31			7 60	865 52	10° Lt " "	
BM. M-4			9 488	863 628	Set B.M. M-4 Muerdago Rd., Fd. C.S. Br. Cap Mon. set in Conc. per F.B. 2987-99. (15+34.48)	
	6 879	870 507				
T.B.M. M-3			3 027	867 480	Set T.B.M. M-3., Muerdago Rd., Bt. Spk in Trans. Pole # 17329Y on W. Side, 15+30 4 E. 18° of ⊼ Line. - Elev. =	
	3 308	870 788				
T.P.			0 254	870 534		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 22.15.14 Division No. ____ F.B. 2987 Pg. 241

X-Sec. No. ____ Date ____ Date ____ Survey of Muerdago Road

Notes Chkd. ____ Checked ____ Survey by R.C. Bowers Notes RCB Date 1/63

No. ____ Date ____ Date ____ Map No. ____ Indexed R. J. GAHN Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	MUERDAGO ROAD
T.P.	11 822	882 356		870 534	
T.P.			0 365	881 971	
	12 235	894 206			
T.P.			11 702	882 504	
	0 444	882 948			
T.P.			12 209	870 739	
	0 101	870 840			
Set: T.B.M.			10 999	859 841	Set: T.B.M. Elev. MUERDAGO ROAD (West Side) @ Station (6+40 3) & 21' (R) or West of line. A large boatspike in N'ly side & near base of power pole # (No Number)
	1 328	861 169			
T.P.			0 412	860 757	
	11 089	871 846			
T.P.			0 842	871 004	
	5 300	876 304			
B.M. "M-1"			3 731	872 373	B.M. M-1 Elev. 872.358 E. side of Muerdago Rd., 102' So. of Encina Rd., Bt. spk. in lead on No. Side of Drop Catch Basin F.B. 2987-225

F.B. 2987 Pg. 242 Job No. 2215.14 Division No. Notes Red Plotted Profile
Survey of MUERDAGO ROAD Date Date No. X-Sec.
Survey by RC Bowers Notes RCB Notes Chkd. Checked
Indexed G. L. GALLI Date Date No.

F.B. 2987 Pg. 243

Profile No. Notes Red Date Plotted Date Job No 2215.14 Division No.
Survey of WAVE VIEW DRIVE
X-Sec. No. Notes Chkd. Date Checked Date Survey by E.C. Bowers Notes ECB Date 1/63
Map No. Indexed [redacted] Date [redacted]

PROFILE
of
WAVE VIEW DRIVE

From

Jct. of Waveview Dr., Entrada Rd., & Colina Dr.

S. W'ly To

End of Waveview Drive

REF

F.B. 2987

PARTY

BOWERS
SMILEY
DOVER
TINLALL

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

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STATION	B.S.	H.I.	F.S.	ELEV.	WAVEVIEW DRIVE
B.M. E-2				1274.206	Fd. B.M. E-2, Jct. of Entrada Rd. Colina Dr. & Waveview Dr. C.E. B.M. Br. Cap Mon. in Conc. & marker pipe in dirt island F.B. 2987-222, Elev. 1274.206
	9.902	1284.108			
0+00			10.00	1274.11	⊼ Line - Int.
0+50			5.35	78.76	"
"			7.68	76.43	19° Rt. Pavt
1+00			0.16	83.95	⊼ Line
T.P.			0.669	1283.439	
	9.840	1293.279			
1+50			3.95	89.33	"
T.P.			0.130	1293.149	
	9.294	1302.443			
2+00			8.55	1293.89	⊼ LINE
2+50			2.87	1299.57	"
T.P.			0.137	1302.306	
	10.167	1312.473			
3+00			8.86	1303.61	"
3+50			6.42	1306.05	"
4+00			2.25	1310.22	"
T.P.			0.263	1312.210	

F.B. 2987 PG. 244 Job No. 2215.14 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of WAVEVIEW DRIVE Date ____ Date ____ No. ____ X-Sec. ____
Survey by RC BOWERS Notes RCB Notes Chkd. ____ Checked ____ No. ____
Indexed N. J. GAIN Date ____ Date ____ Date ____

76-L298 CE 307 3-61

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Profile Notes Red ____ Plotted ____ Job No. 225.14 Division No. ____
No. ____ Date ____ Date ____ Survey of WAVEVIEW DRIVE
X-Sec. Notes Chkd ____ Checked ____ Survey by E.C. BOWERS Notes BOWER Date 1/63
No. ____ Date ____ Date ____ Map No. ____ Indexed J. J. GATTI Date ____

F.B. 2987 Pg. 245

STATION	B.S.	H.I.	F.S.	ELEV.	WAVEVIEW DRIVE	
	11.347	1323.557		1312.210		
4+44.5			9.46	14.10	Edge Rt	
4+55.5			7.11	16.45	Edge Rt	
5+00			4.27	19.29	℄ LINE	
5+50			2.11	21.45	"	
5+92.0			3.82	19.74	35 Left ℄ LINE F.L.	12" C.I.P. CULVERT
6+00			1.69	21.87	℄ LINE	
6+02.9			8.32	15.24	19.5 Rt " "	" " "
T.P.			0.447	1323.110		
	10.138	1333.248				
6+50			10.10	1323.15	℄ LINE	
7+00			7.28	25.97	"	
7+50			3.78	29.47	"	
8+06.3 (T.P.)			0.176	1333.972	℄ LINE P-4	
	8.296	1341.368				
8+50			7.76	1333.61	10' Rt. ℄ LINE	
9+00			6.26	35.11	8' Rt "	
9+50			4.86	36.51	℄ LINE	
9+96.22			5.84	35.53	℄ LINE P-5	
10+50			7.18	34.19	"	
11+00			7.86	1333.51	"	

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STATION	B.S.	H.I.	F.S.	ELEV.	WAVEVIEW DRIVE	
		1341.368				
T.P.			8.726	1332.642		
	0.157	1332.799				
11+50			1.32	31.48	⊼ LINE	
12+00			5.60	27.20	"	
(P-7) 12+61.36			10.46	22.34	"	
T.B.M. W-2			9.378	1323.421	T.B.M. W-2 Set Bt Spk	in T.P. # 27043 Y
	0.387	1323.808			WAVEVIEW DR. STA	Lt
13+00			3.17	20.64	⊼ LINE	
13+50			4.64	19.17	⊼ LINE	
13+83.9			8.81	15.00	5.3 Rt of ⊼ LINE	
13+84.9			6.86	16.95	14.3 Lt of ⊼ LINE	
14+00			4.42	19.39	8.5 Lt of ⊼ LINE	
14+43.3			2.94	20.87	Edge Pvt. of ⊼ LINE	
P-8 14+98.56 = (T.P.)			1.004	1322.804	INTER.	
	8.832	1331.636				
∠ pt. 15+46.11			6.32	25.32	∡ pt in ⊼ LINE	
16+00			5.11	26.53	⊼ LINE	
16+50			4.74	26.90	" "	
17+00			2.62	29.02	" "	
17+37.0			0.64	1331.00	Edge Pvt. ⊼ LINE	

F.B. 2987 Pg. 246 Job No. 22154 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of WAVEVIEW DRIVE Date ____ Date ____ No. ____
Survey by RC BOWERS Notes DOVER Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed Z. J. CALLI Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	WAVEVIEW DRIVE
		1331 636			
T.P.			0 260	1331 376	
	10 421	1341 797			
17+63.0			10 71	31 09	Edge pvmt (π line)
+71.3			7 32	34 48	29.0 ft. for pvmt.
+93.0			4 44	37 36	43.8 " " "
18+12.6			2 22	39 58	59.0 " " "
T.P.			0 800	1340 997	T.P.
	0 723	1341 720			
+28.0			2 33	39 39	Edge pvmt. (π line.)
+38.0 (HP)			2 32	39 40	π line.
+50.0			2 09	38 73	" "
19+00.0			6 86	34 86	" "
T.P.			11 016	1330 204	T.P.
	0 117	1330 821			
+64.70 (HP)			1 68	29 14	π line.
20+00.0			4 40	26 42	" "
+50.0			7 58	23 24	" "
T.B.M. "W-3"			4 637	1326 184	T.B.M. "W-3" Elev.
					WAVEVIEW DRIVE (E. Side)
					@ Sta. 15+58 & 6.3 left (So.) of π line.
					Bt. spk. in lead in conc. @ base of Cate Column

Profile Notes Red ____ Plotted ____ Job No. 22154 Division No. ____ F.B. 2987 Pg. 247
No. ____ Date ____ Date ____ Survey of WAVEVIEW DRIVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by E.C. BOWERS Notes DOVER Date 1/63
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	WAVEVIEW DRIVE
				1326 184	T.B.M. "W-3" Pg. 247
	1 862	1328 064			
T.P.			5 249	1322 797	T.P.
	0 846	1323 643			
T.B.M. "W-2"			0 228	1323 415	T.B.M. "W-2" Pg. 246
	9 780	1333 195			
T.P.			0 560	1332 635	T.P.
	5 966	1338 603			
T.P. P-4			5 [illegible]	[illegible]	[illegible] P-4
	0 573	1333 651			
T.P.			10 539	1323 112	T.P.
	4 416	1327 [illegible]			
T.B.M. "W-1"			4 653	1322 875	T.B.M. "W-1" Elev. [illegible] (So. side) [illegible] 6432 & 14^{5} Left (So.) of ⊼ line. [illegible] in bottom step.
	1 035	1323 910			
T.P.			11 707	1312 203	T.P.
	0 359	1312 562			
T.P.			10 269	1302 293	T.P.
	0 163	1302 456			

F.B. 2987 Pg. [illegible]
Job No. 22154 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of WAVEVIEW DRIVE Date ____ Date ____ No. ____
Survey by RC Powers Notes Smiley Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	WAVEVIEW DRIVE	
		1302 456				
T.P.			9 319	1293 137	T.P.	
	0 158	1293 295				
T.P.			9 869	1283 426	T.P.	
	0 327	1283 [illegible]				
B.M. E-2			9 563	1274 190	B.M. E-2 Pg. 244 (Starting B.M.) Elev. 1274.206	

Profile Notes Red ____ Plotted ____ Job No. 2215.14 Division No. ____ F.B. 2987 Pg. 249
No. ____ Date ____ Date ____ Survey of WAVEVIEW DRIVE
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.C. Bowers Notes Smiley Date 1/63
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALL Date ____

F.B. 2987 Pg. 250 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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Notes Ck'd by	Survey of ENCINA RD.
Map No.	JN 0303.00 Tape 074 Std 68 °F
Office Work	Surveyed by R.C. BOWERS
Checked	Notes RCB Date 7/65
Date	Indexed

F. B. 2987 Pg. 251

T. 1 S. R. 16 W.

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76F3095 CE # 310 3-61

1/4 Sec. Cor 7 & 18.
Fd. C.S. Br. Cap Mon
C.S.B. 1485 & C.S.B 1495

Set 1X2 ¢N

12.00

P-LINE

ENCINA RD.

83.28 per Pg. 50
83.30 Meas.

P-20
Fd 3/4" I.P., wd.
plug ¢N, Dn 10"
per Pg. 50

① 119° 51' 20"
④ 119° 25' 10"
⑤ 359° 07' 30"
119° 51' 15".

SURVEYOR COUNTY RE 21.77 T 1 S Sec 7 Sec 18 1/4 Cor R 16 W

① 119° 22' 30"
④ 117° 29' 40"
⑥ 358° 14' 40"
119° 22' 27".

P.I. 19
Fd. C.S. Br. Cap
Mon., Dn. 8"
per Pg. 50

OK 11.14

12.85

Int.
Set 1X2 ¢N, flush
by Int.

119° 24' 15" per Pg. 50
119° 22' 27" M.

T = 70°
69.14 @ S 5° 37' = 68.81
69.06 @ 4° 52' =

T = 70°
Lev = 83.30

T = 70°
Lev = 12.85

119° 51' 15"

68.81

T = 70°
Lev = 82.88

SEC. 18

NOTE:
This appears to be an unstable area. Cracks in the pavt. seem to indicate a slippage to the South and West. Sand dunes hills.

82.88 Meas
82.96 per Pg. 49 & 50

123° 04' 48"

Int.
Set 1X2 ¢N, flush
by Int.

P-18B
Fd. Bt. Spk, w/T
per Pg. 49

123° 33' 22" M.
123° 29' 00"
per Pg. 49

P-LINE

14.13

11.85
OK

SEC. 7

ENCINA RD.

P-LINE

64.64'

① 123° 04' 50"
④ 132° 19' 20"
⑥ 18° 28' 50"
123° 04' 48"

P-18A
Fd. Bt. Spk, w/T
per Pg. 49

T = 70°
Lev = 14.13

T = 76°
Lev = 64.64

11.75
OK

P-18
Fd. C.S. Br. Cap
Mon. flush
FB 760-60

① 123° 33' 20"
④ 134° 13' 30"
⑤ 21° 20' 10"
123° 33' 22"

SEC. LINE

12' Off Strt Line

SURVEYOR COUNTY RE 21.77

¢ Int.
Fd. Bt. Cap Mon, Dn. 12"
@ Int. of Sec. Line ¢
Cuesta Cole Rd.
per Pg. 104 & F.B. 760-67

12.00

Set nail

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F. B. ____ Pg. ____

Profile No.	Notes Red	Plotted	Job No. 529320	Division No.	F. B. 2987 PG. 153
	Date	Date	Survey of Wtr. Works Dist. #29 Storm Damage		
X-Sec. No.	Notes Chk'd.	Checked	Survey by Mankey Jr.	Notes Etm Jr.	Date 2-26-69
	Date	Date	Map No.	Indexed G. J. GALLI	Date [illegible] 28 69

JN 529320

WATER WORKS DIST. No 29

STORM DAMAGED WATER FACILITIES

IN

ENCINA DR

From

STA 39+00 (FB 2987-167) to STA 47+00 (FB 2987-169)

X- SECTIONS

Mankey Jr.
Caro
Tollison
H.B. Mitchell

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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F. B. 2187 Pg. 2-21 Job No 5292-2 Division No. Notes Red Plotted Profile
Survey of Alameda Street Date No. X-Sec.
Survey by Engineering Notes Date Notes Chk'd. Checked
Indexed C.H. GALLI Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	X-SEC. AUGUST 4 DEC.
TBM L-4 (Fd)				1081.48'	TBM L-4 Unnotched L. 1081.477' F.B. 2987-233 ENGINEER, 37' ± W. & 62' ± So. of P-2, Pg. 167, on S.E. Cor of Conc. landing of Steps. Bt. Spk. & lead
					LT & N ↑ per F.B. 2987: 52 & 167 Lt & So.
39+00				1081.92'	↑ A.C. Pav.
+17.4		24" C.M.P. Culvert	Inlet	77.99'	21.5 Inv. direct
+29.2	"	"	Outlet	75.70'	17.0' Inv. Direct
+50				80.55'	↑ A.C. Pav.
+60				1080.0'	↑ Dirt Shoulder
40+03.38	P-2	Pg 52 & 167			
40+48.0				1076.8	↑ edge Pav.
40+50				76.75'	
"				76.7	1.2 edge Pav
"				1076.9'	2.5 Toe Slope
"				81.7	15.5 inslope
"				76.83	21.0 Weep Hole
"				77.1'	23' Top bank
T.P.				1075.75'	
		Street Drainage			Area A LT & W, ↑ per Pg 52: 167 RT & E
40+70.2				1075.30	16.5 Top bank
"				70.3'	25' in Slope, edge of
40+71.4				1075.64	13.5 Cor Broken Pav.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Evaluate	Storm Damage
					Lt & W.	Pg 524-67 FB 2987 Rt & E
40+72.1				1075.80	5.5' edge break A.C. Pav.	
+75.0				75.75'		
"				75.68'	3.0' edge break A.C. Pav.	
"				74.0'	3.1' in slide on broken A.C. Pav.	
"				1073.2	13.5 W. edge broken section	
"				73.2'	15.5 Top bank "	"
"				70.6	22.5' in slope (in slide)	
"				75.6'		7.0' E edge Pav.
"				1074.9'		10° Toe Slope
"				76.7'		13.0' in "
"				79.8'		20° " "
40+78.5				75.7'		1.0' edge broken Pav.
41+00				1073.4		in Damage Area
"				74.5		2.0' " " "
"				74.5		12° E. edge Pav.
"				74.1		15° Toe Slope
"				1079.3'		25' in "
"				71.7'	4.0' D.A.	
"				71.3'	10.5 W. edge D.A. & A.C. Pav.	
"				1071.7'	13.0 Top Bank	

Profile Notes Red ____ Plotted ____ Job No. 5293.280 Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F. B. [illegible] PG. 255

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STATION	B. S.	H. I.	F. S.	ELEV.	ENCINA DR.	STORM DAMAGE
					LT & W.	F.B. 2987-52,160 RT & E
41+00				1066.4'	23.0' In Slope (slide)	
41+25				73.5'		6.0' edge Damage Area
"				70.1'		in " "
"				69.9	4.0' Damage Pav.	
"				1070.4'	9.0' W. edge Rt. D.A.	
"				70.9'	13.0' Top Bank	
"				65.0'	22.0' in Slope (slide)	
41+50				72.8		9.0' edge break
"				1072.7'		11.5' E. edge Pav.
"				71.7		16.0' Toe Slope
"				78.0'		26.0' in "
"				69.4'		2.0' D.A. Pav.
"				1068.9'	8.0' W. edge D.A. Pav. & Top Bank	
"				65.7'	20.0' in Slope (slide)	
41+60.6'				72.6'		5.0' edge Break Pav
41+67.2				72.4'		No. " " "
41+63.8'	18" C.I.P.	Culvert	outlet	1065.3'	19.5' Inv. Direct in D.A. Operational	
+68.5	" "	"	Inlet	69.40'		12.5' Inv. Direct
41+74.5	(END DAMAGE AREA)			72.4'	7.7' W. edge Pav. & No. edge D.A.	
41+75'				1072.6'		

F. B. 2987 Pg. 256

Job No. 5293.2.0 Division No. Notes Red Plotted Profile

Survey of W.W. Dist. 13 Storm Damage Date Date No.

Survey by Edmond Notes Manager Chk. Notes Chk'd. Checked X-Sec.

Indexed E.D. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	ENCINA WK.	STORM DRAIN
					L + 3 W.	↑ PRC 5B.29+57-32+168 Rt & E
41+75				1072.3'		9.0' E. edge A.C. Pav.
"				71.9'		12.5' Toe Slope
"				77.0		21.5' in Slope
"				81.5'		32° " "
42+00				1072.1		↑ A.C. Pav.
"				71.5'		7.0' E. edge Pav.
"				71.3'		8.5' Toe Slope (cut)
"				1080.0'		18° Top " (")
"				83.7'		30° in Slope
"				72.2'	11.5' W. edge Pav.	
"				71.5'	16.0' Top Slope	
"				1067.4'	24.0' in "	
42+50				70.2		↑ A.C. Pav.
"				69.6'		5.5' E. edge Pav.
"				69.6'		7.0' Toe Slope
"				1073.9'		16.0' in "
"				79.0'		23° Top "
"				70.8'	15.5' W. edge Pav.	
"				67.7'	25.0' in Slope	
(42+00) T.P.				1068.59'		

Profile Notes Red ____ Plotted ____ Job No. 5298.20 Division No. ____
No. ____ Date ____ Date ____ Survey of W. Line S.D. E-9.37 to E-9.57 Date 2-16-65
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [redacted] Notes [redacted] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] CALL Date ____

F. B. 2[illegible] Pg. 25

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STATION	B. S.	H. I.	F. S.	ELEV.	ENCINA DR.	STORM DAMAGE
					LT & W.	F.B. 2987-52 & 168 RT & E
43+00				1068.6		Pav.
"				68.0'		6.0' E. edge Pav.
"				67.8'		7.5' Toe Slope
"				75.6'		20.0' Top "
"				1069.2'	15.0' W. edge Pav.	
"				68.9'	28.5' " " Pvt. drive	
43+50				67.2'		A.C. Pav.
"				66.5'		9.0' E. edge
"				66.2'		11.0' Toe Slope
"				1074.5'		26.5' Top "
"				67.1	10.0' W. edge Pav.	
43+88.7'	12" C.I.P. Culvert Inlet			63.8'		11.3' Inv. Direct
+88.7	" " " Outlet			1061.0'	15.0' Inv. Direct	
44+00				66.9'		Pav.
+50				67.2'		"
+67				67.31'		edge Pav.
44+87.20	P-3 F.B. 2987-52 & 168					
45+05.2				1067.32'		" "
+50				67.8'		A.C. Pav.
46+00				1068.1'		" "

F. B. 2987 Pg. 258 Job No. 52 & 320 Division No. Notes Red Plotted Profile
Survey of W.W.D. 29 Storm Damage Date Date No.
Survey by Ettinger Notes Monkey Cir. Notes Chk'd. Checked X-Sec.
Indexed C.L. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	ENCINA DR	STORM DAMAGE
T.P.				1067.74	LT & N.W.	↑ F.B. 2987-52 & 169 RT & S.E
46+50				1068.3'		↑
47+00				70.1'		↑
47+00	24" C.P.	Culvert	Outlet	1057.01	Per F.B. 2987-234 "25.8' Inv. Direct	
+245	" "	"	Inlet	64.05'	" " "	17.5' Inv. Direct
	Culvert filled with mud, elev's per F.B. 2987-234					
T.P.				1066.98'		
T.P.				1057.73'		
T.P. (Fd)				1051.57'	BM E-1 EL = 1050.843' F.B. 2987-221	
BM E-1				1050.80'	W. side Encina Dr. & So. side Entrada Rd. C.E. Br. Cap B.M. Mon. 8" up	

Profile Notes Red ____ Plotted ____ Job No. 5293.20 Division No. ____ F.B. 2987 PG 259
No. ____ Date ____ Date ____ Survey of W.W.D. 29 Storm Damage
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Monkey Notes ____ Date 2-26-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ B.L. GALL Date ____