F.B. 3401 Pg.

Survey of
JN Tape Std
Surveyed by
Notes Date
Indexed

Job

Description

LAKE HUGHES ROAD 0097.39

Survey of Prop. Lake Hughes Rd. from E. line Sec. 32, T.7N., R 15W. SW'ly. to P.I. #7

Survey of portion of H.E.S. No.89 in Sec. 5, T.6N., R.15W.

C.L. Survey of portion of Lake Hughes Rd. from P.I. #47 S.W'ly. to P.I. #130-B

P.I's set by proportion betw. P.I. 130 & P.I. 143

C.L. retracement survey from Elizabeth Lake-Pine Canyon Rd. S'ly. to P.I. #37

Zone 7 ties

Index

C.L.
#36-PI#48
-67-PG 20

Bdry.
#39-P.I.#41
23-PG29

Microfilmed March '85

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Sheet Must be Made or C[illegible]
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Making Change

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F.B. ____ Pg. ____

Notes Ck'd by R. P. SHORT	Survey of [illegible] HUGHES RD.	F. B 3401 PG. 5
Map No. [illegible]	JN 0097.39 Tape [illegible] Std 84 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes Date	
Date	Indexed [illegible] J. GALL [illegible]	

J.N. 0097.39

PROPOSED

LAKE HUGHES RD.

CENTERLINE SURVEY

FROM: EAST LINE SEC. 32, T 7N., R. 15W.
SOUTHWESTERLY TO P.I. #7

ALSO P.I. #36 TO P.I. #49 ON
EXIST. LAKE HUGHES RD.

Pg. 5-20

MENDONCA
BEERS
RITTER
MITCHELL

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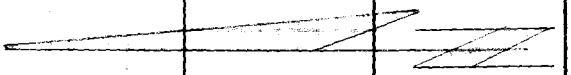
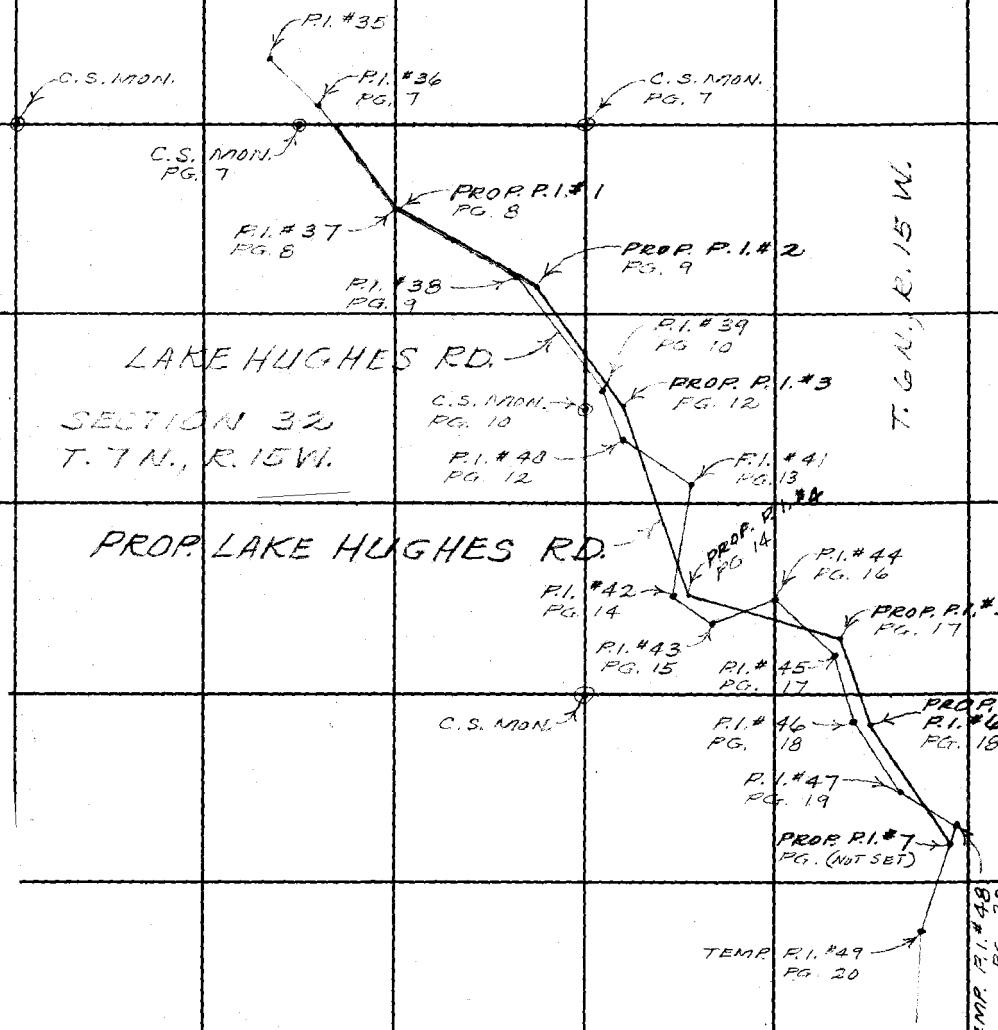
76F309S CE#310 1-65

F. B. 3401 PG. 6

SECTION 33
T. 7N., R. 15W.





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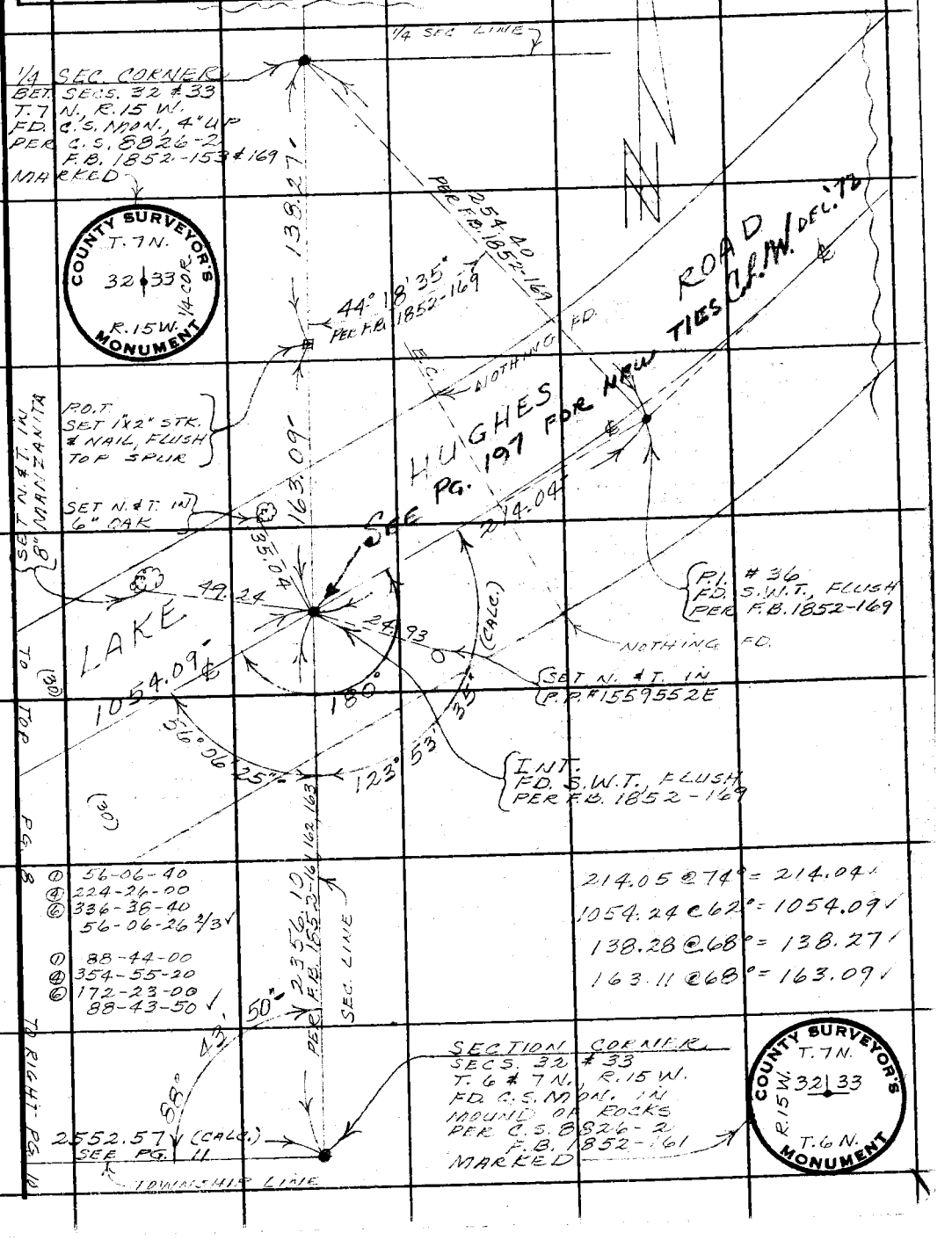
Notes Ck'd by R. P. SHORT	Survey of PROP LAKE [illegible]
Map No.	JN 0097.39 Tape 233 Std 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 3-23-67
Date	Indexed

F. B. [illegible] PG. 7



214.05 @ 74° = 214.04
1054.24 @ 62° = 1054.09
138.28 @ 68° = 138.27
163.11 @ 68° = 163.09

W.S. 73, D-6

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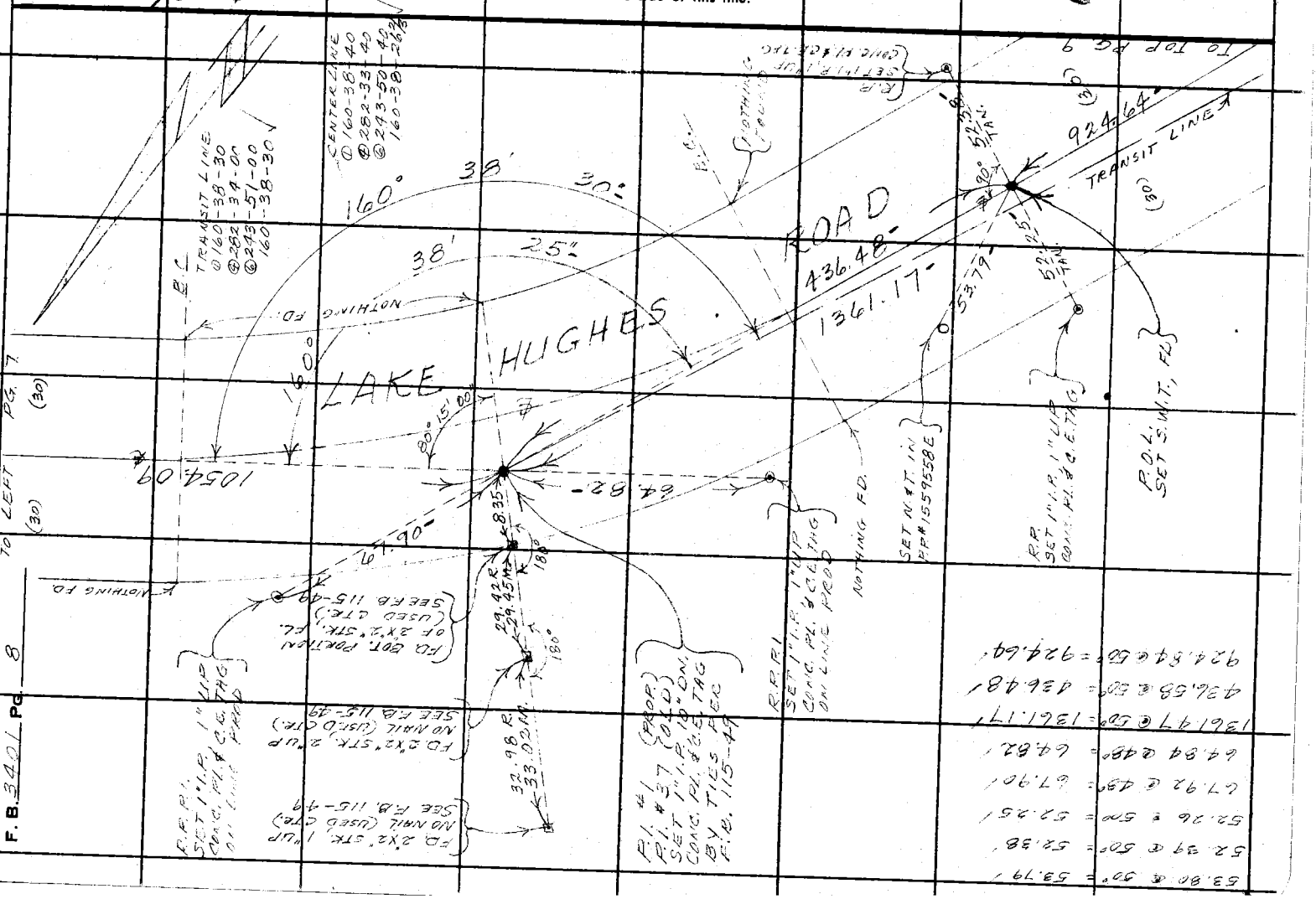
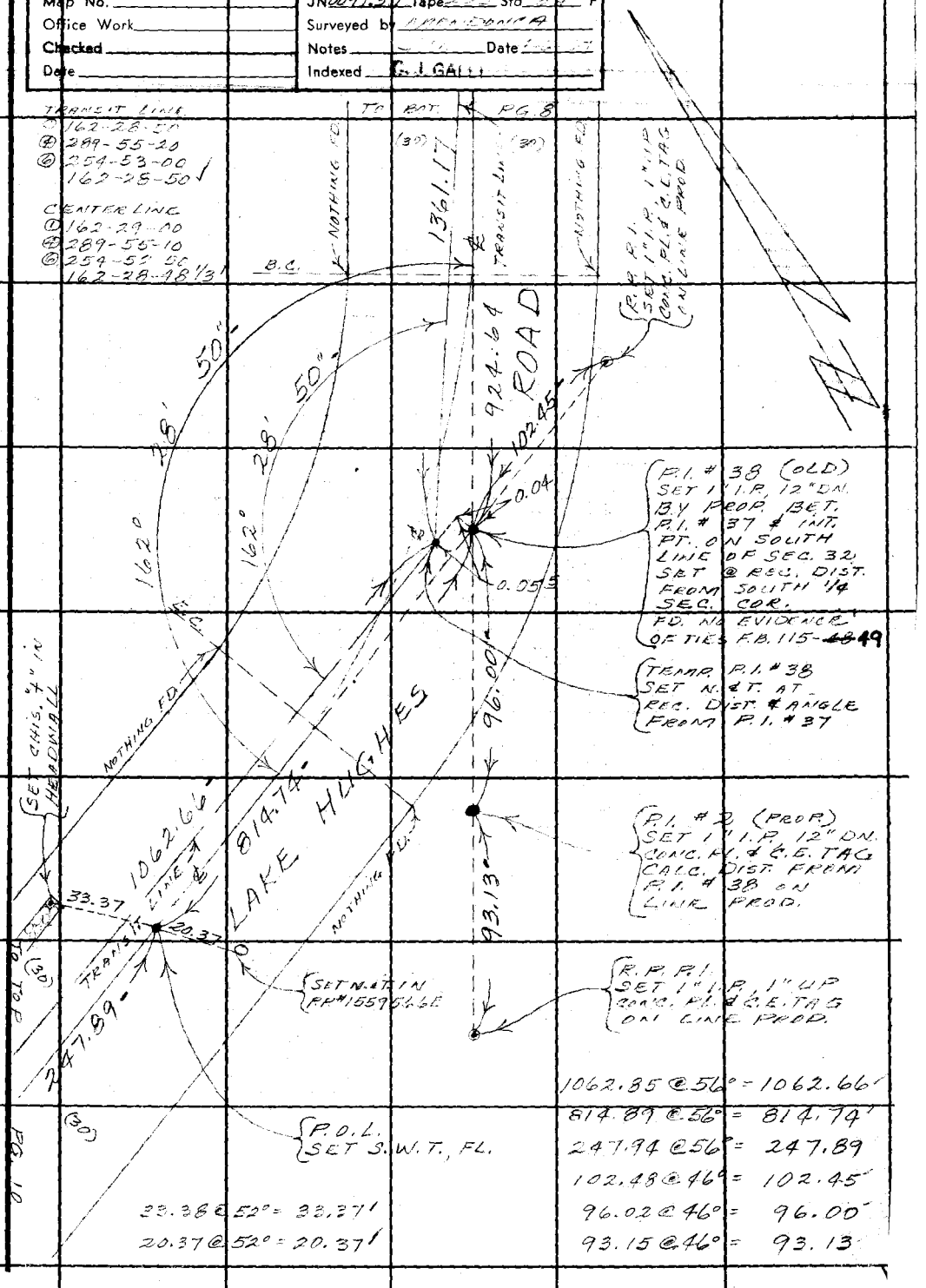
W.S. 73, D-6



Notes Ck'd by R. P. SHORT	Survey of PROP LAKE HUGHES RD.	F. B. 3401	PG. 9
Map No.	JN 0097.39 Tape 233 Std 81 °F		
Office Work	Surveyed by [illegible]		
Checked	Notes [illegible] Date [illegible]		
Date	Indexed C. J. GALLI		



W.S.73, D-6

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76F309S CE#310 1-65

F. B. 3401 PG. 10

① 158-26-20
④ 273-45-10
⑥ 230-38-00
158-26-20

① 158-25-50
④ 273-43-50
⑥ 230-35-50
158-25-58½

TO BOT. (30)

LEFT PG. 9 (30)

37°

COUNTY SURVEYOR'S MONUMENT
T. 7 N. 32 T. 6 N.
R. 15 W. S.B.B.&M.

1062.66

TRANSIT LINE

247.89

ROAD

NOTHING FD.

80.35 @ 9°43' = 79.20 -
80.54 @ 10°29' = 79.18 -
T-50°

37-00-30
148-02-10
222-03-20
37-00-33½

2552.57 (CALC.) SEE PG. 11
TOWNSHIP LINE

TO BOT. LEFT PG. 7

R.P. FD. 2x2" STK. & NAIL 2" LIP PER F.B. 115-51

76°51'20"

B.C.

20"

0.07

0.10

00"

0.50

45.87

INIT. SET S.W.T., FL. REC. DIST. FROM 1/2 STA. CORN.

CORNER SEC. 32 T. 6 N. R. 15 W. FD. 2" LIP PER C.S. 88-21-2 F.B. 115-7 & 50 MARKED

1/4 SECTION SOUTH 1/4 COR. T. 6 & 7 N. R. 15 W. FD. 2" LIP PER C.S. 88-21-2 F.B. 115-7 & 50 MARKED

SET N.&T. IN PR. #1559567E

26

180°

49.31

87.38

110°

79.18

11.68

50.72

98.73

E.C.

159

180°

P.I. #39 (OLD) SET 1" I.P. 12" IN CONC. FL. & C.E. TAG ON LINE PROJ. & REC. DIST. FROM INIT. PT. CHECKS TIES PER F.B. 115-51

FOR TIES TO H.E.S. #89, SEE PAGE 23

NOTHING FD.

TERMR. INIT. SET N.&T., FL. AT REC. DIST. & ANGLE FROM TERMR. P.I. #38

RP SET 1" I.P. 1" LIP CONC. FL. & C.E. TAG

133.78

133.84

LAKE HUGHES

NOTHING FD.

133.81 @ 44° = 133.78 -
133.87 @ 44° = 133.84 -
45.88 @ 56° = 45.87 -

TRANSIT LINE

(30)

104.41 @ 18°58'
104.77 @ 19°30' } = 98.75 @ 50° = 98.73 -
53.07 @ 17°05'
53.46 @ 18°23' } = 50.73 @ 50° = 50.72 -
94.29 @ 27°49'
94.85 @ 28°26' } = 83.40 @ 50° = 83.38 -
56.34 @ 27°38'
57.39 @ 29°31' } = 49.92 @ 50° = 49.91 -
49.91
49.92

TO TOP PG. 12

W.S. 73 P-2

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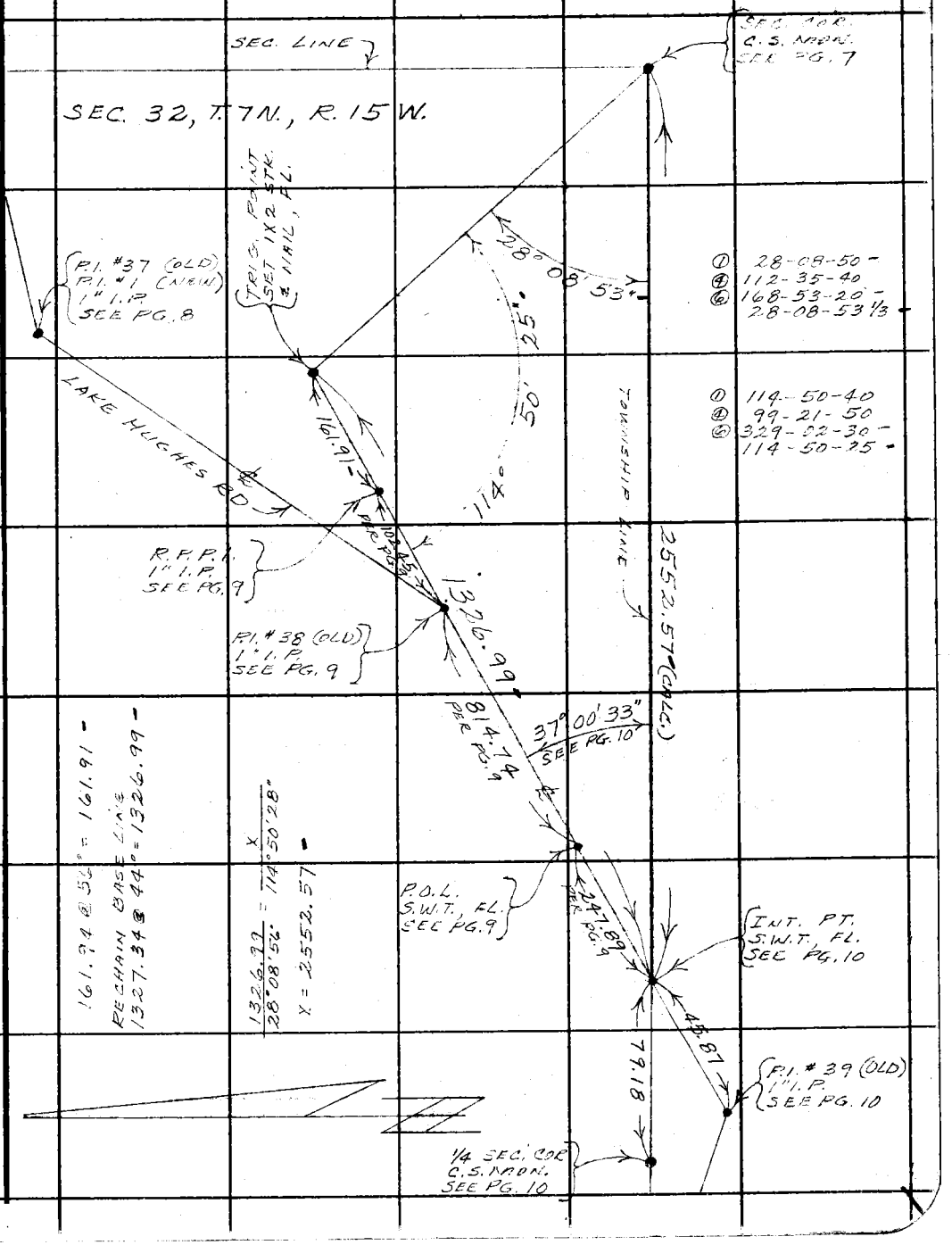
Notes Ck'd by R. P. SHORT	Survey of PROP LAKE HUGHES RD	F. B. [illegible]	PG. 11
Map No.	JN 0097.39 Tape 233 Std 84 °F		
Office Work	Surveyed by [illegible]		
Checked	Notes J.M. Date 4-20-67		
Date	Indexed [illegible]		



W.S. 73, D-6

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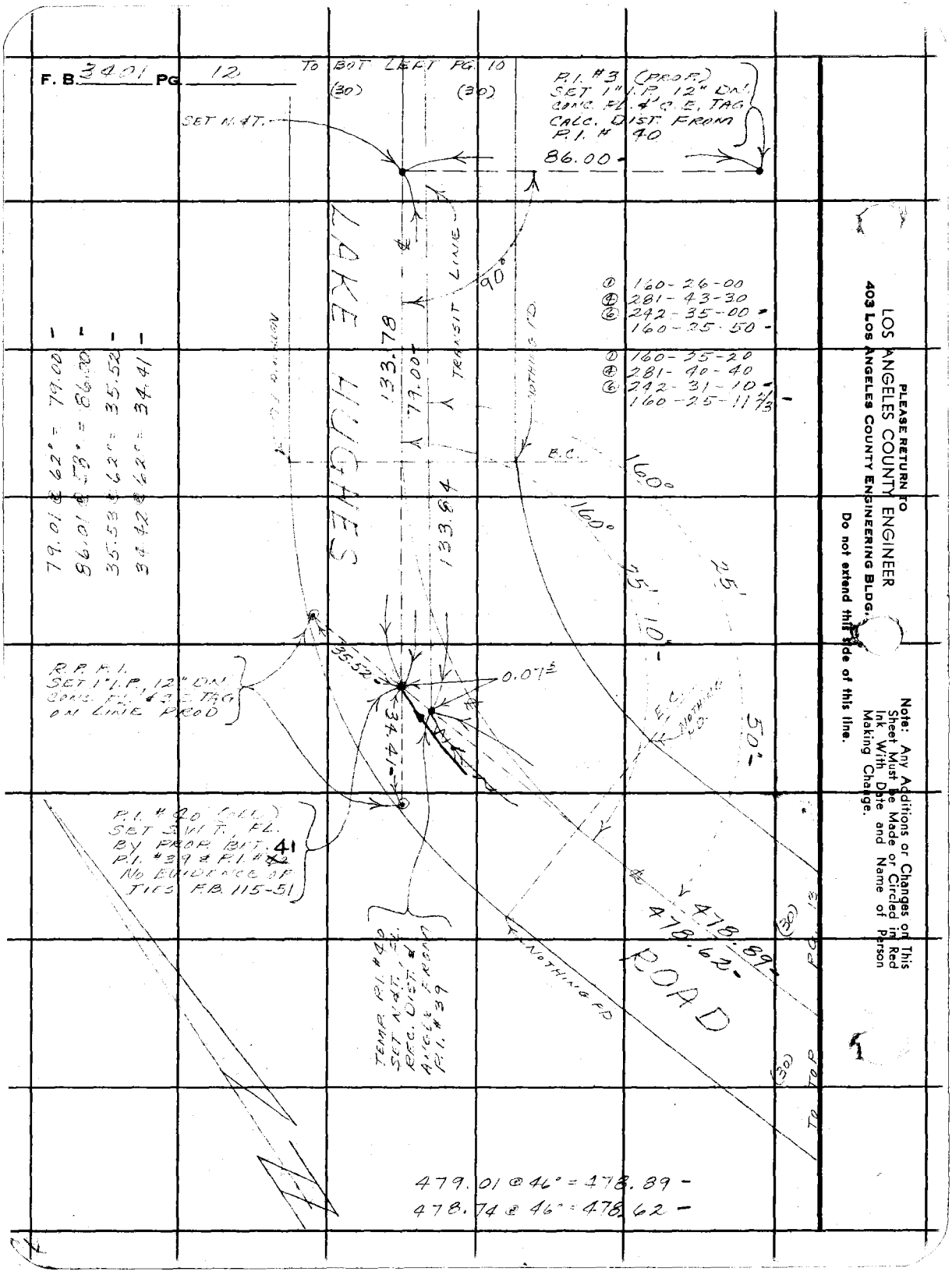

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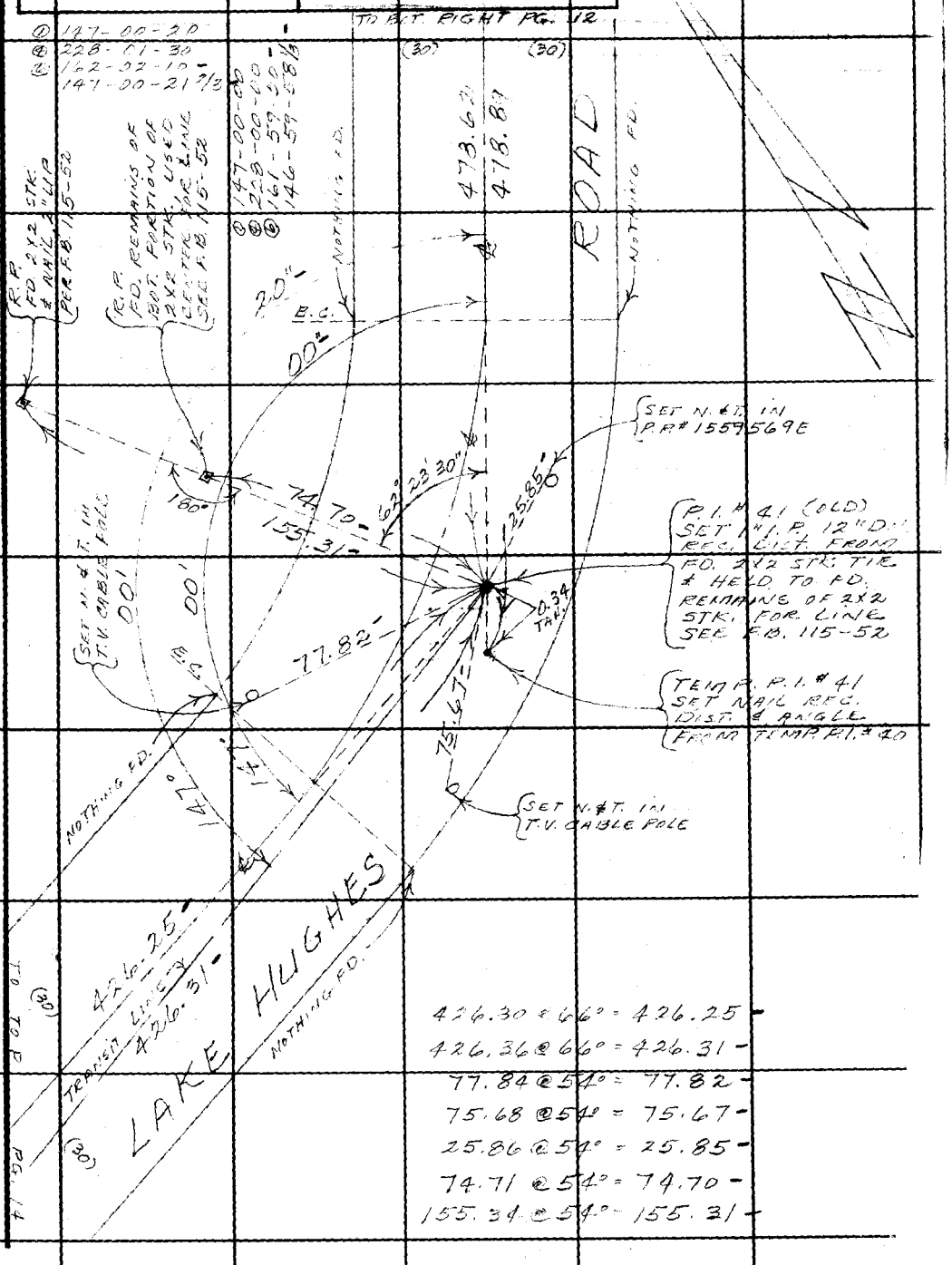
Notes Ck'd by **R. P. SHORT**	Survey of PROP LAKE HUGHES RD	F. B. 3401 PG. 13
Map No.	JN 007720 Tape 233 Std 84 °F	
Office Work	Surveyed by MENDONCA	
Checked	Notes J.M. Date 4-25-67	
Date	Indexed	



426.30 @ 66° = 426.25
426.36 @ 66° = 426.31
77.84 @ 54° = 77.82
75.68 @ 54° = 75.67
25.86 @ 54° = 25.85
74.71 @ 54° = 74.70
155.34 @ 54° = 155.31

W.S. 77, D-1

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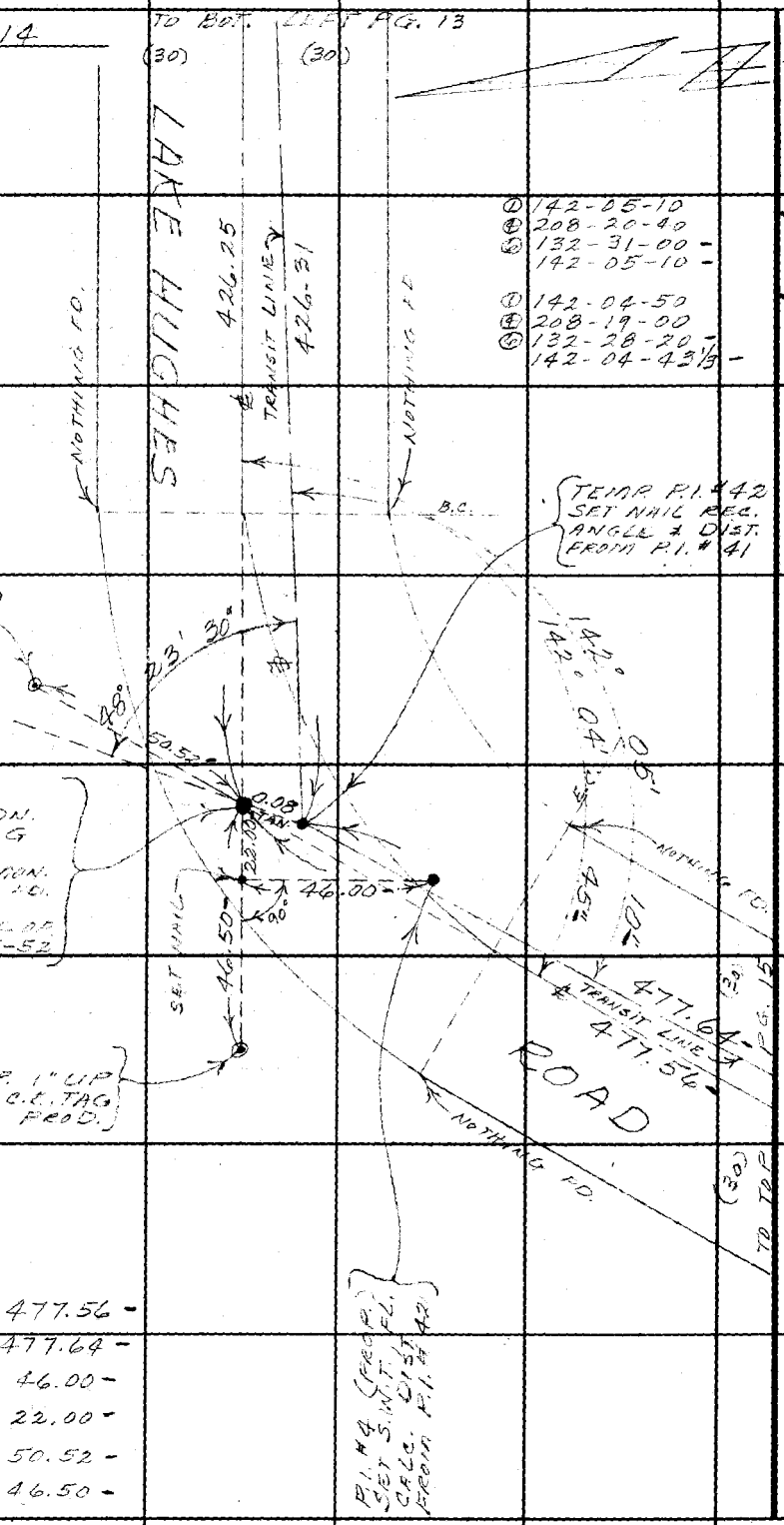
75F309S CE#310 1-65

F. B. 3401 PG. 14



① 142-05-10
② 208-20-40
③ 132-31-00 -
142-05-10 -

① 142-04-50
② 208-19-00
③ 132-28-20 -
142-04-43½ -

477.62 @ 66° = 477.56 -
477.70 @ 66° = 477.64 -
46.01 @ 56° = 46.00 -
22.00 @ 56° = 22.00 -
50.52 @ 56° = 50.52 -
46.51 @ 56° = 46.50 -

W.S. 77,0-1

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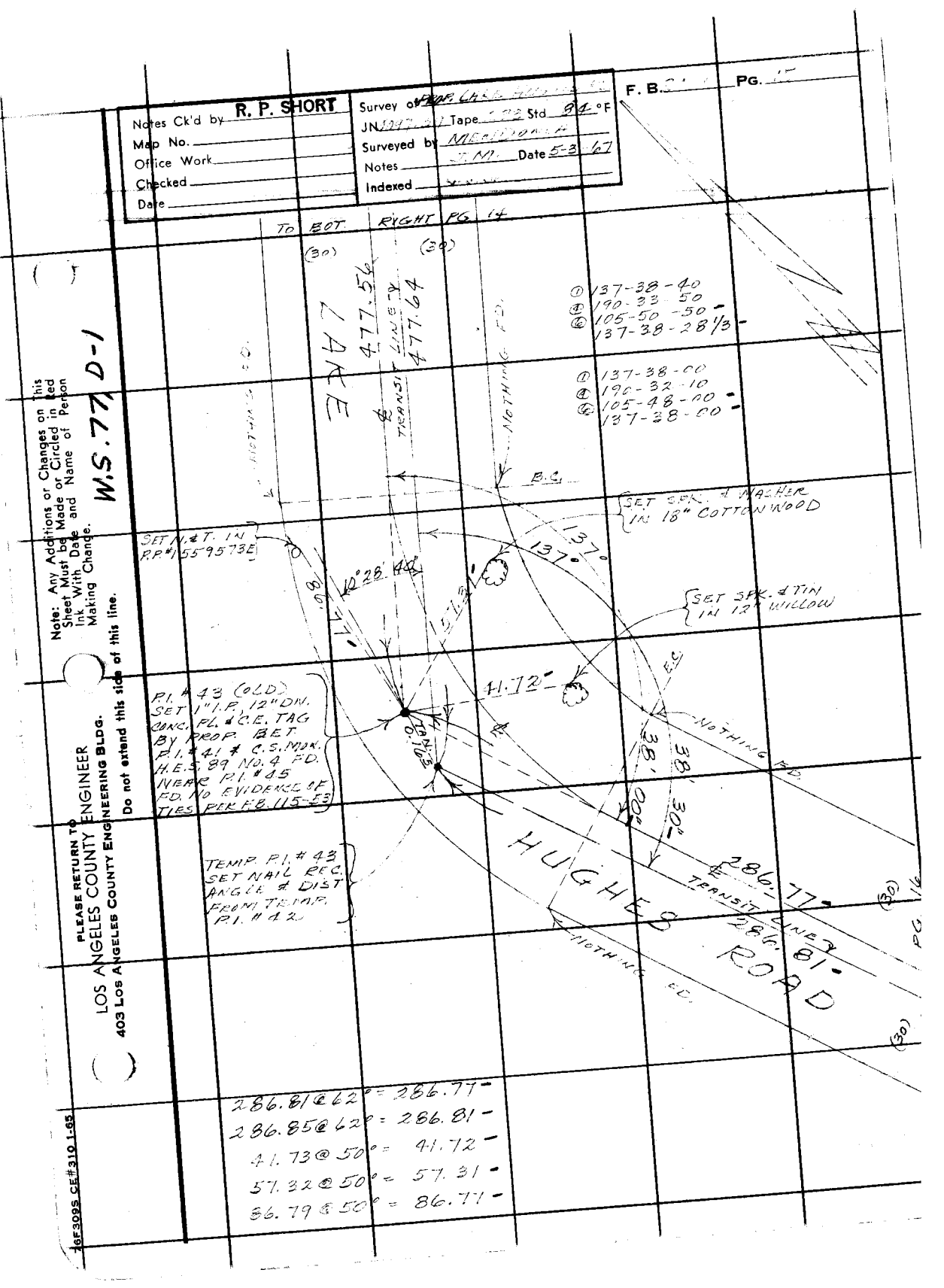
Notes Ck'd by **R. P. SHORT**	Survey of PROP. LAKE [illegible]
Map No.	JN [illegible] Tape [illegible] Std 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 5-3-67
Date	Indexed [illegible]

F. B. [illegible] PG. 15



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W.S. 77, D-1

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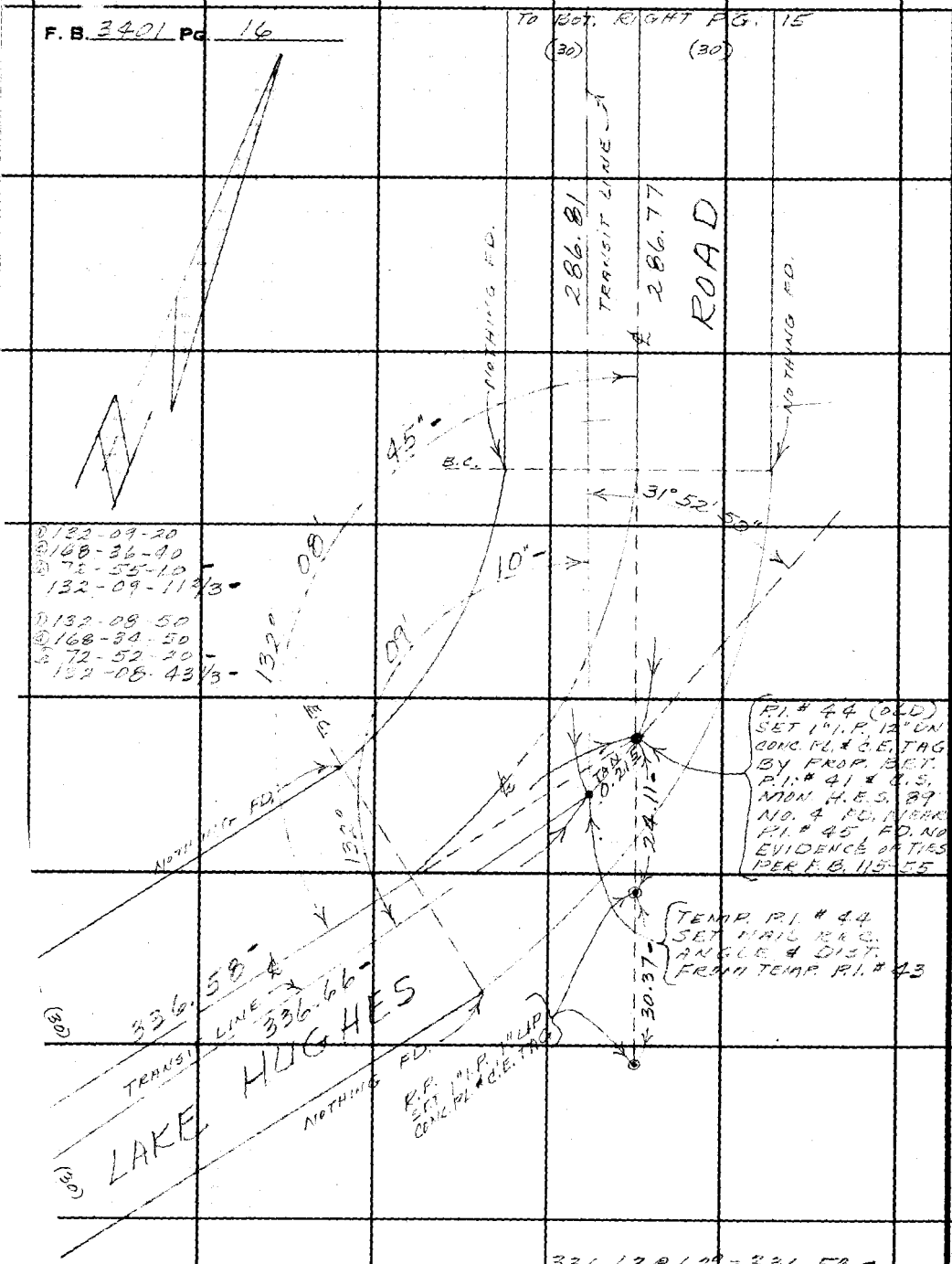
76F309S CE#310 1-65

F. B. 3401 Pg. 16



336.63 @ 62° = 336.58 -
336.71 @ 62° = 336.66 -
30.38 @ 56° = 30.37 -
24.11 @ 56° = 24.11 -

W.S. 77, D-1

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Notes Ck'd by **R. P. SHORT**	Survey of PROP. LAKE HUGHES ROAD
Map No.	JN [illegible] Tape 232 Std 94 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 2-5-67
Date	Indexed

F. B. Pg. 17

TO 30T LEFT PG. 16

W.S. 77, D-1

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TO TOP PG. 18

153-51-50
255-26-50
203-10-20
153-51-43 1/3

NOTHING FD.

(30) (30)

336.56

48.00

SET N.A.T. CALC. DIST. FROM N.A.T. IN PP #15595796

15°58'00"

336.66

B.C.

45

SET N.A.T. IN GUY POLE #15595795

89.02

74.36

101.16

P.I. #5 (PROP.) SET 1" I.P. 12" DN. CONC. PL. & C.P. TAG CALC. DIST. FROM P.I. #45

51

SET 3 X 4 STK. IN 8" JAK

58.39

P.I. #45 (OLD) SET 1" I.P. 12" DN. CONC. PL. & C.P. TAG BY PROP. BET. P.I. #41 & FD. C.S. MON. H.E.S. 89 NO. 4 FD. NO. EVIDENCE OF TIES PER R.B. 115-55 EXCEPT TIE TO MON.

BEG. N.A.T.

TRANSIT LINE

153°

NOTHING FD.

TEMP. P.I. #45 SET NAIL REC. ANGLE & DIST. FROM TEMP. P.I. #44

LAKE HUGHES ROAD

598.79

197.30

598.91 @ 54° = 598.79

36.74 @ 69° = 36.73

197.33 @ 60° = 197.30

58.40 @ 52° = 58.39

66.89 @ 52° = 66.88

74.36 @ 52° = 74.36

101.16 @ 52° = 101.16

48.01 @ 56° = 48.00

89.02 @ 52° = 89.02

(30)

NOTHING FD.

SET 2" YELLOW MARKER PIPE

① 95-44-00
② 91-28-00
③ 95-44-00

2'

100°14'00"

95°44'00"

32

36.73

SET 1X2 STK. & NAIL REC. DIST. FROM TEMP. P.I. #45 ON LINE PROD.

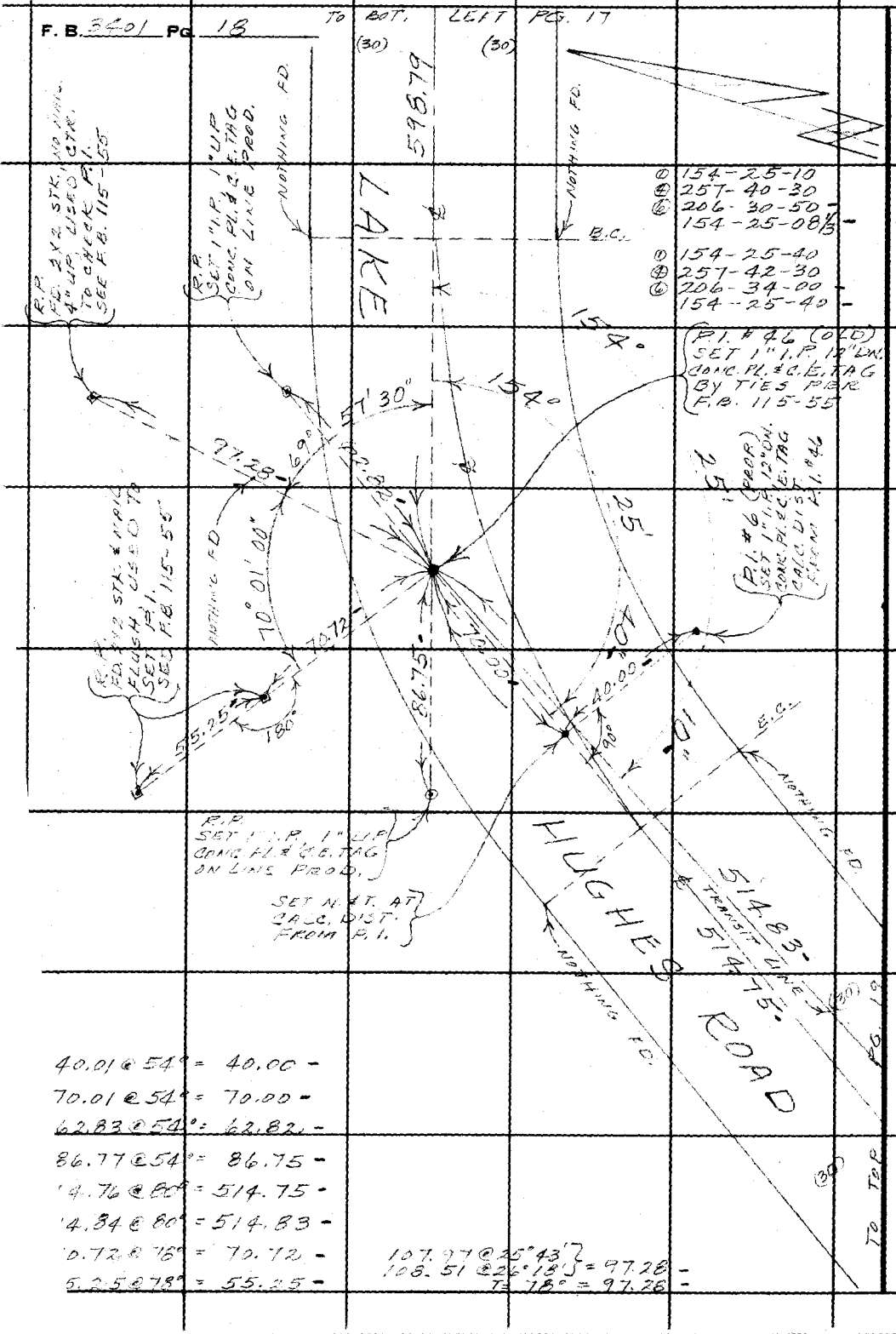
SET 1X2 STK. & NAIL, FL. AT REC. ANGLE & DIST.

H.E.S. #89
COR. NO. 4
FD. C.S. MON. 6" LIP
PER R.B. 115-54
(MARKED)

COUNTY SURVEYOR'S MONUMENT
T. 6 N.
H.E.S. 89
NO. 4
R. 15 W.

16F3095 CE#310 1-65

F. B. 3401 PG. 18



40.01 @ 54° = 40.00 -
70.01 @ 54° = 70.00 -
62.83 @ 54° = 62.82 -
86.77 @ 54° = 86.75 -
14.76 @ 80° = 514.75 -
14.84 @ 80° = 514.83 -
70.72 @ 78° = 70.72 -
55.25 @ 78° = 55.25 -

107.97 @ 25°43'
108.51 @ 26°18' } = 97.28 -
T = 78° = 97.28 -

W.S. 77, B-1

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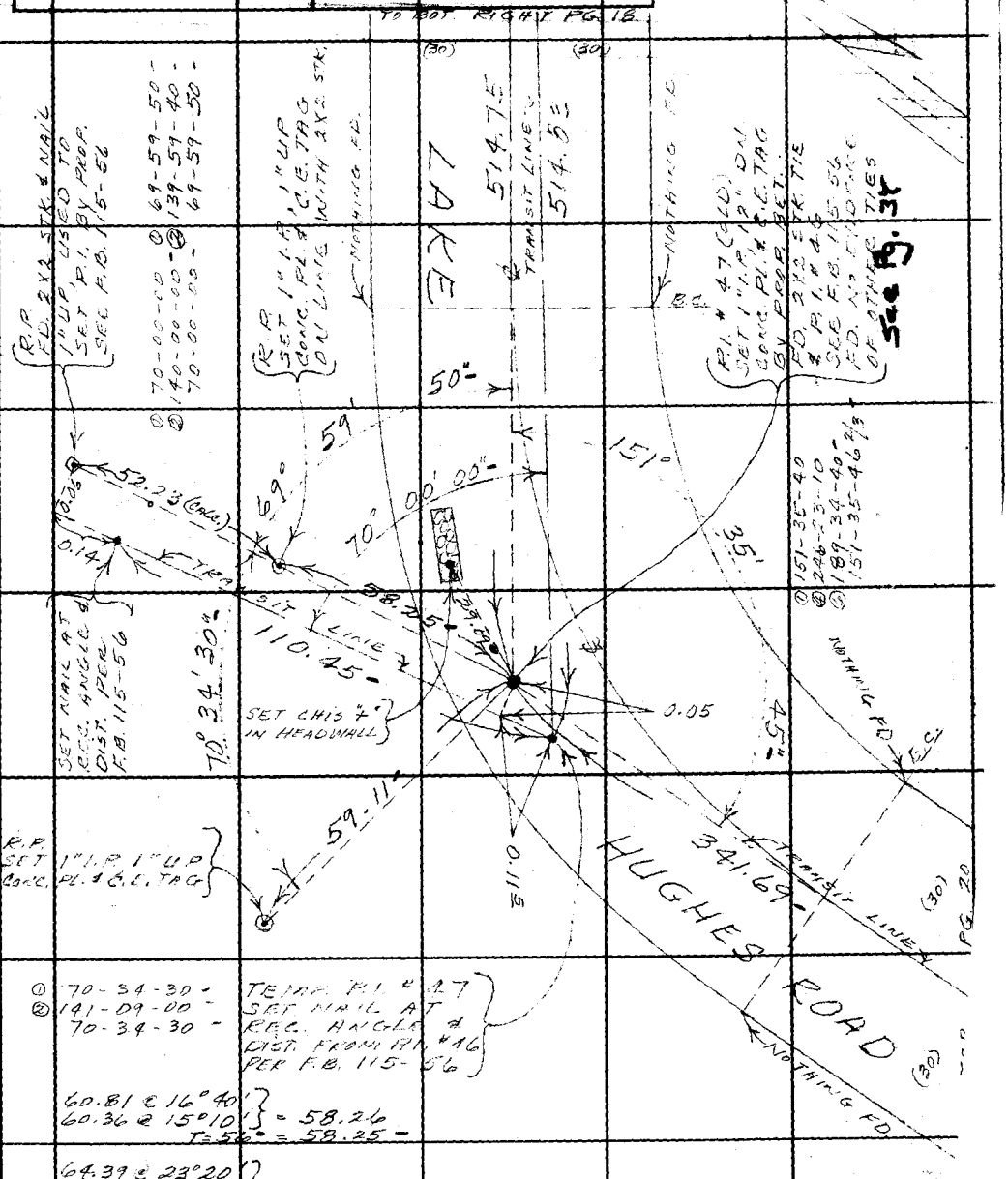
Notes Ck'd by **R. P. SHORT**	Survey of FROM LAKE HUGHES RD	F. B. 240'	PG. 19
Map No.	JN 2097-39 Tape 232 Std 84 °F		
Office Work	Surveyed by [illegible]		
Checked	Notes [illegible] Date 5-10-67		
Date	Indexed		



① 70-34-30 - TEMP. P.I. # 47
② 141-09-00 - SET NAIL AT
70-34-30 - REC. ANGLE & DIST. FROM P.I. # 46 PER F.B. 115-56

60.81 @ 16°40' } = 58.26
60.36 @ 15°10' }
T=56° = 58.25 -

64.39 @ 23°20' } = 59.12
64.94 @ 24°26' }
T=56° = 59.11 -

113.69 @ 18°05' } = 108.06 -
114.02 @ 18°36' }
2.40 @ LEVEL = 2.40
110.46 -
T=66° = 110.45 -

341.75 @ 56° = 341.69 -
29.10 @ 56° = 29.09 -

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W.S. 77, O-1

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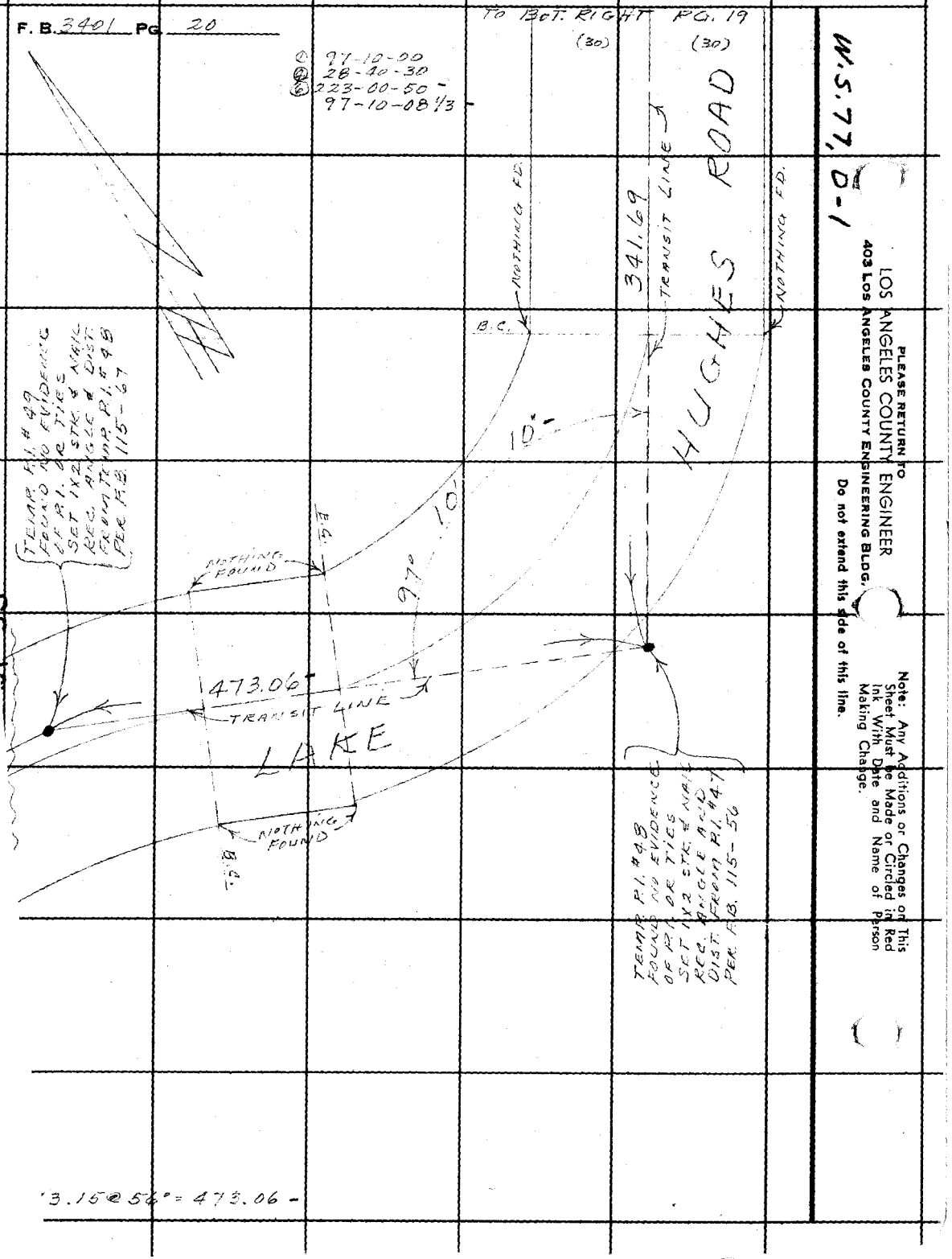
F. B. 3401 Pg. 20



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Notes Ck'd by R. P. SHORT	Survey of PROP. LAKE HUGHES RD.
Map No. HC 10-108	JN 009739 Tape 232 Std. 84 °F
Office Work	Surveyed by MENDONCA
Checked	Notes J.M. Date 6-9-67
Date	Indexed C. J. GALLI OCT 1 '67

F. B. 3301 PG. 21

J.N. 009739

PROPOSED

LAKE HUGHES ROAD

SURVEY OF PORTION
OF
H.E.S. #89

MENDONCA
BEERS
RITTER
MITCHELL

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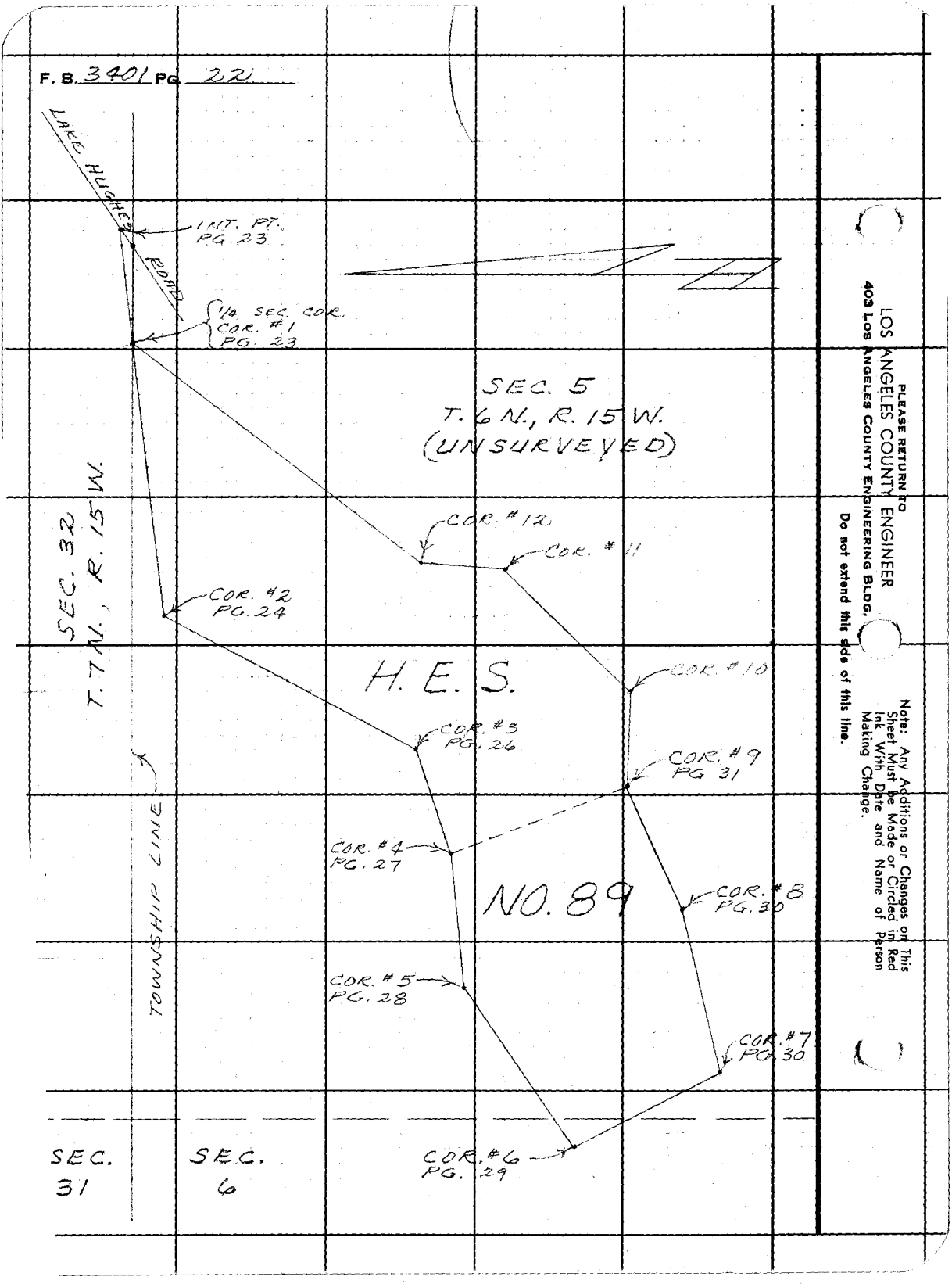
26F309S CE#310 1-65

F. B. 3401 PG. 22



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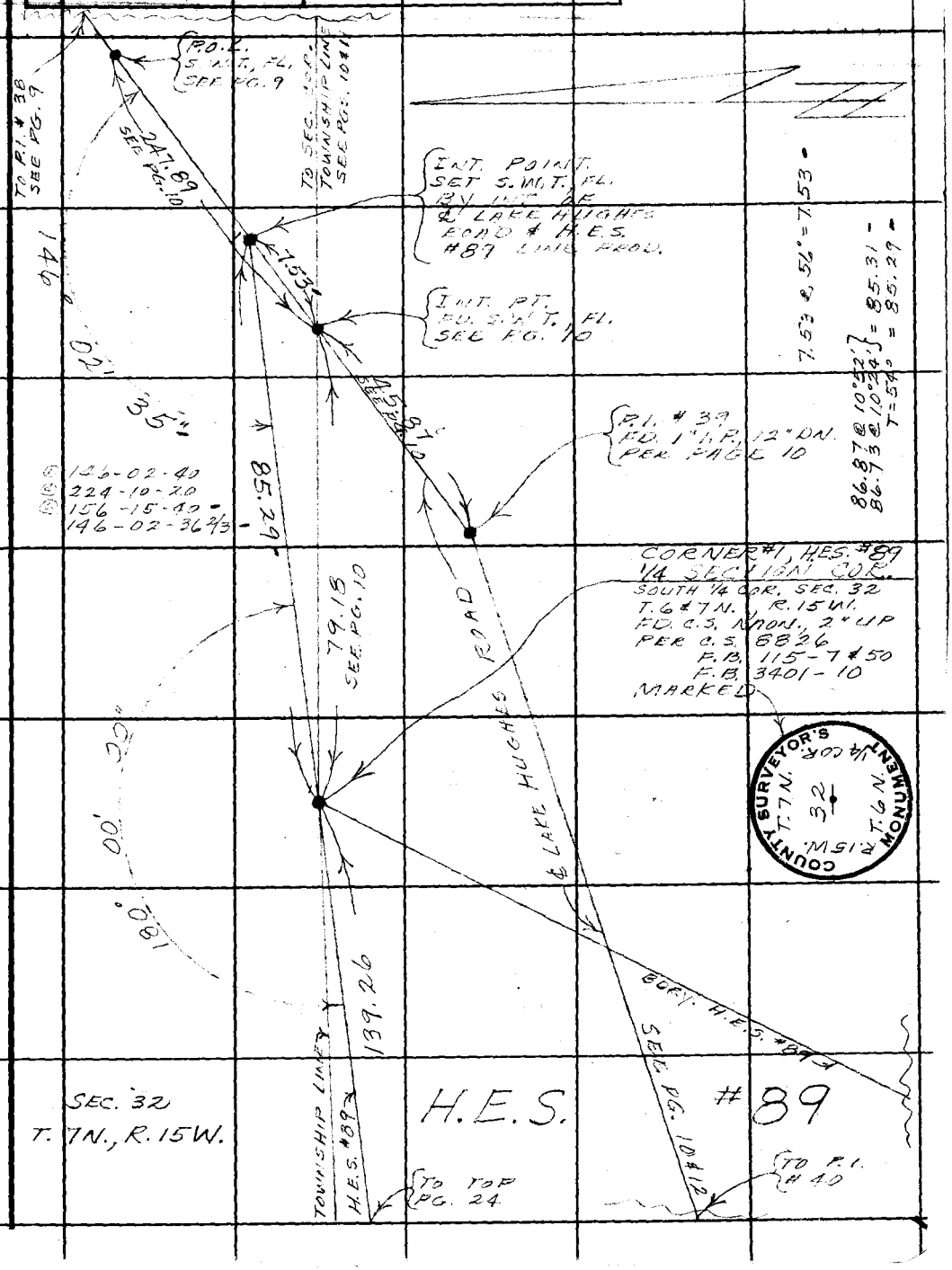
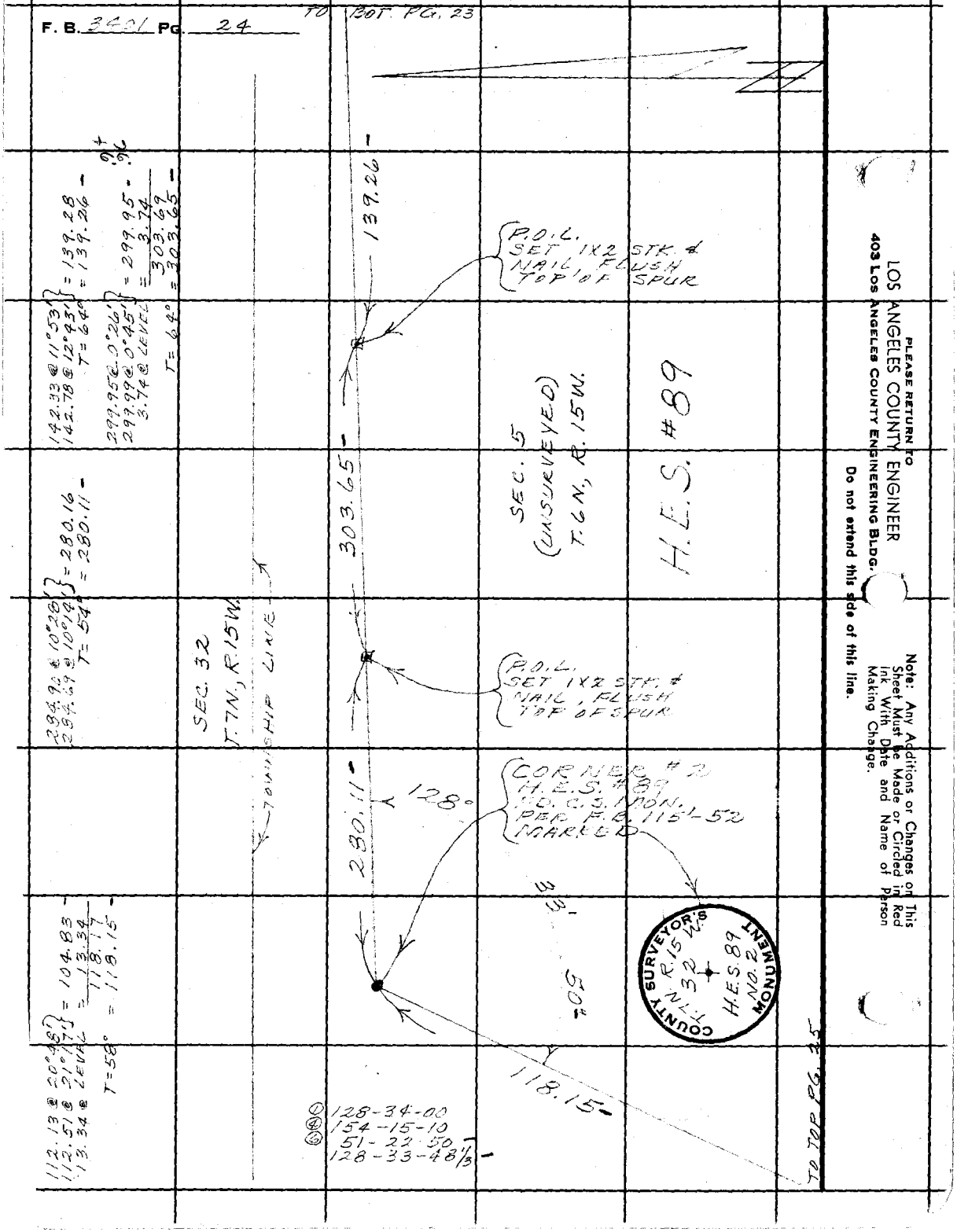
Notes Ck'd by R. P. SHORT
Map No. H.C. 10-108
Office Work
Checked
Date

Survey of [illegible]
JN 209739 Tape 233 Std. [illegible] °F
Surveyed by [illegible]
Notes [illegible] Date 6-7-67
Indexed

F. B. 2[illegible] PG. 23



F. B. 3401 PG. 24



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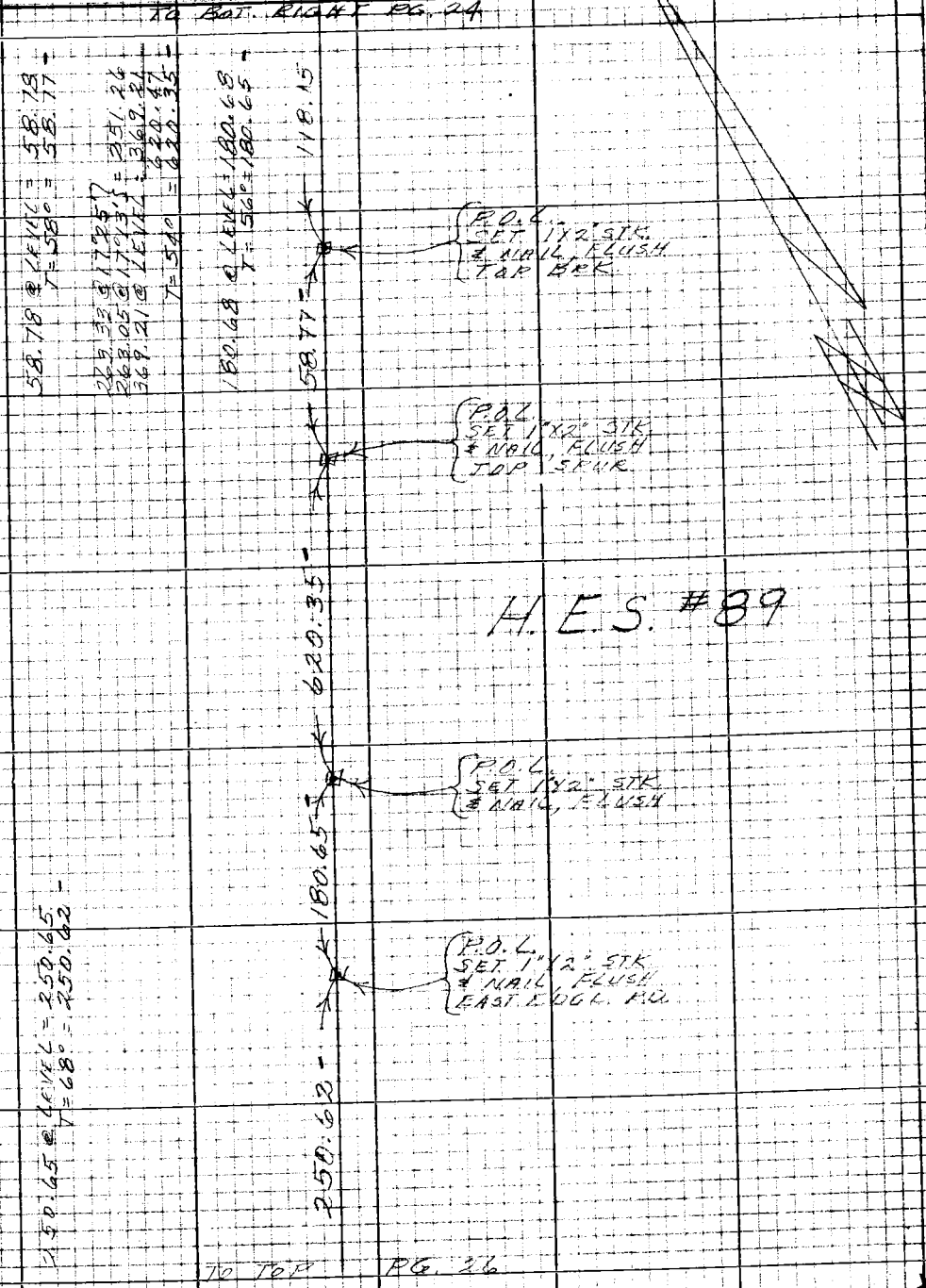
Notes Ck'd by R. P. SHORT	Survey of [illegible] LAKE HUGHES RD.	F.B. 3431	Pg. 25
Map No. H.C. 10-108	IN 0097.39 Tape 233 Std 84°F		
Office Work	Surveyed by [illegible]		
Checked	Notes [illegible] Date 9-25-67		
Date	Indexed C. J. GALLI		

TO BOT. RIGHT PG. 24



TO TOP PG. 26

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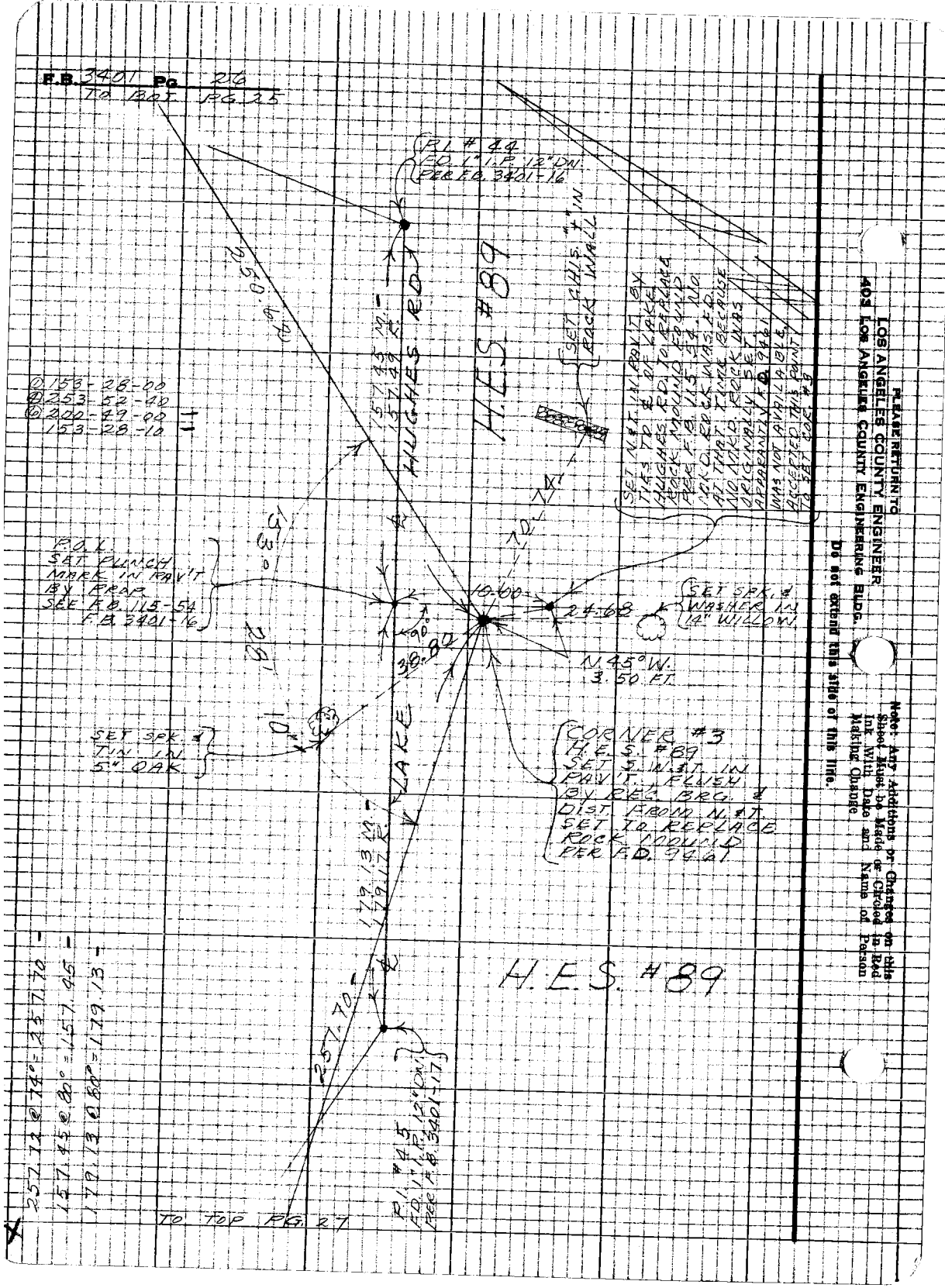
76P3095 CE #310 5-66



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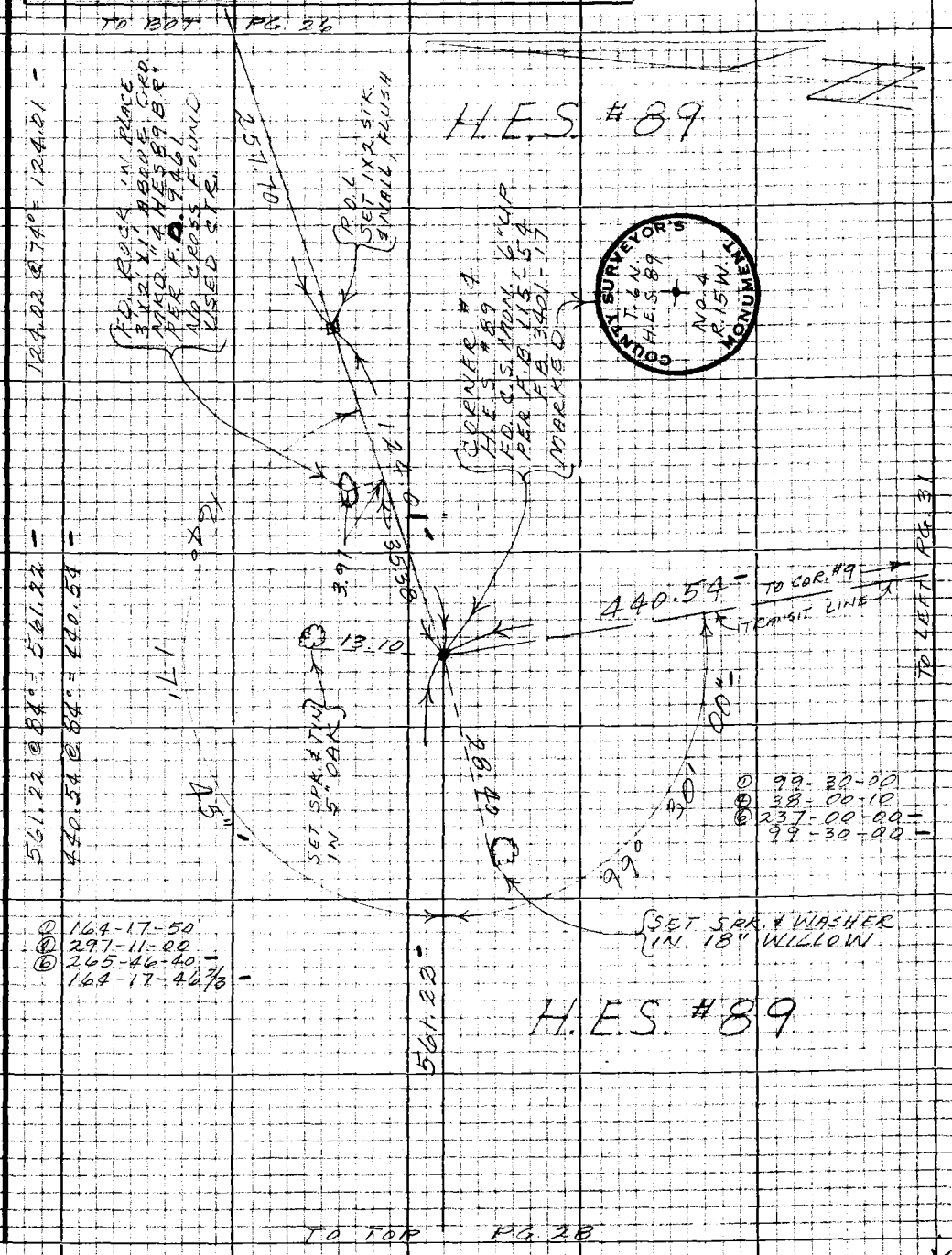
Notes Ck'd by R. P. SHORT	Survey of PROP LAKE HUGHES RD.	F.B. 3401	Pg. 27
Map No. H.C. 10-10B	IN 8077.39 Tape 233 Std 84 °F		
Office Work	Surveyed by MENDONCA		
Checked	Notes J.M. Date 9-25-67		
Date	Indexed C. J. GALLI		



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

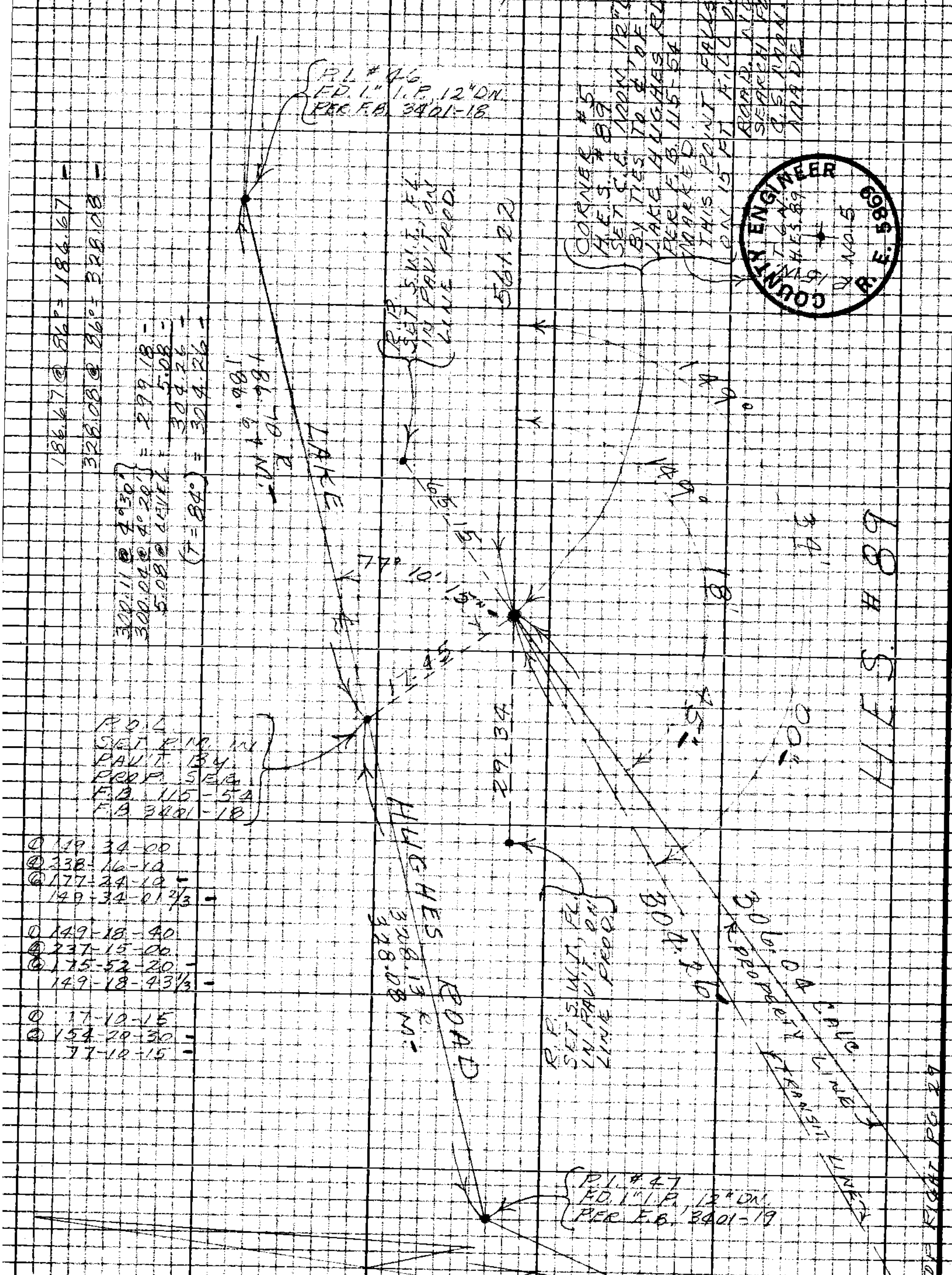
Do not extend this side of this line.

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

76P3098 CE #310 8-66

F.B. 3401 Pg. 28

TO BOT PG. 27



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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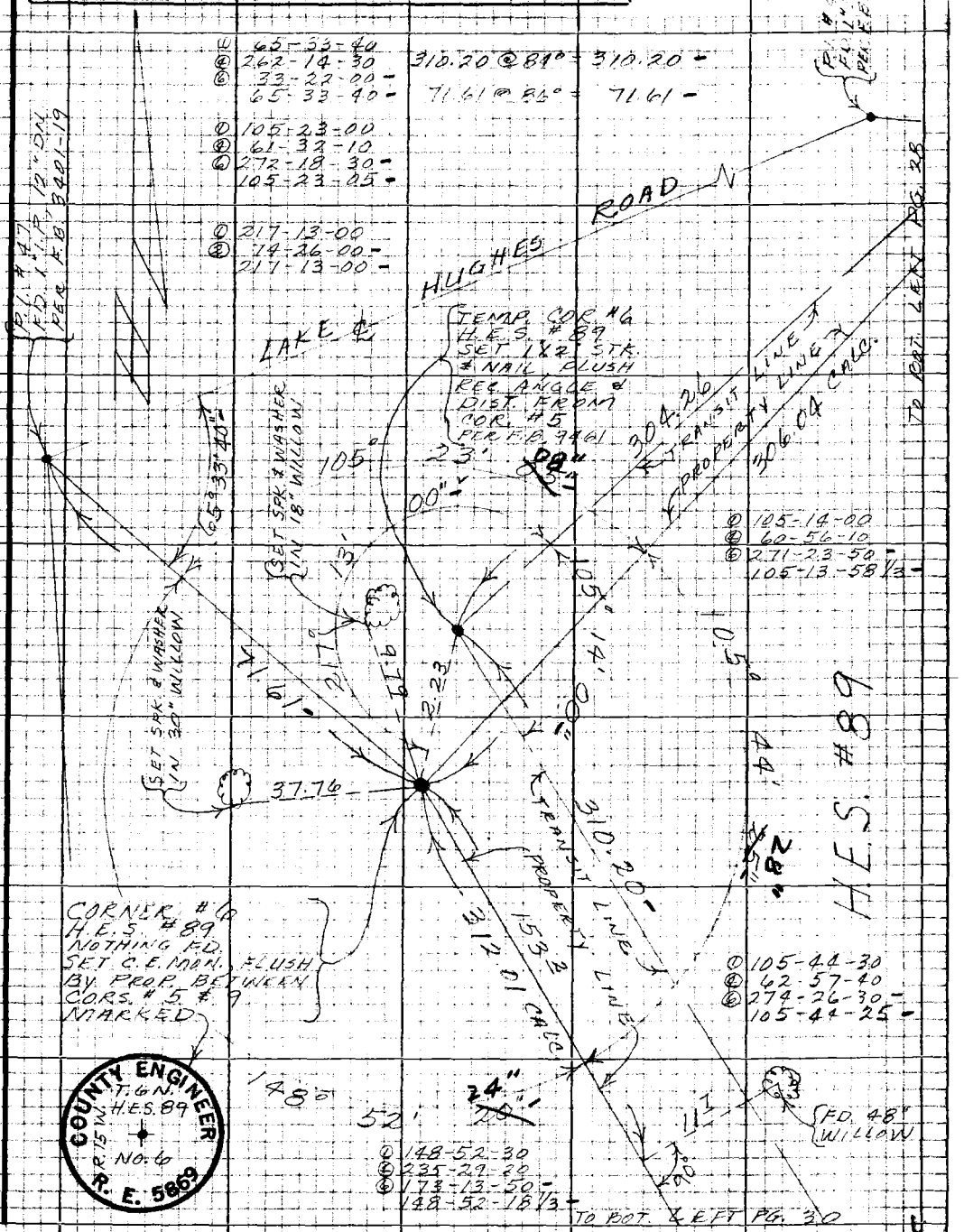
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by R. P. SHORT	Survey of PROP. LAKE HUGHES RD.	F.B. 3401	Pg. 29
Map No. HC 10-108	IN 0097.39 Tape 233 Std 84°F		
Office Work	Surveyed by MENDONCA		
Checked	Notes J.M. Date 9-26-67		
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.

76P3098 CE #310 8-66

F.B. 3401 Pg. 30

TO BOT. PG. 31

347.52 & 76" = 347.52
171.26 & 76" = 171.24

① 161-49-00
④ 287-16-10
⑥ 250-54-00 -
161-49-00 -

① 161-45-30
④ 287-02-20
⑥ 250-33-30 -
161-45-35 -

① 73-03-00
③ 146-06-00 -
73-03-00 -

P.O.L.
SET 1"x2" STK
& NAIL FLUSH

① 110-44-50
④ 82-59-20
⑥ 304-29-00 -
110-44-50 -

① 110-36-10
④ 82-24-10
⑥ 303-36-10 -
110-36-01⅔ -

#89
5
117

TEMP. COR #8
H.E.S. #89
SET 1"x2" STK &
NAIL FLUSH
BY REC. ANGLE
& DIST. FROM
TEMP. COR. #7
PER F.B. 9461

SET SPK. & TIN
IN 6" OAK

CORNER #8
H.E.S. #89
NOTHING FOUND
SET 1/2" NON 3" LIP
BY PROP BETWEEN
CORS. #5 & #9
MARKED

SET SPK. & TIN
IN 5" OAK

COUNTY ENGINEER
H.E.S. 89
No. 8
R.E. 5869

TEMP. COR #7
H.E.S. #89
SET 1"x2" STK
& NAIL FLUSH
BY REC. ANGLE
& DIST. FROM
TEMP. COR. #6
PER F.B. 9461

SET SPK. &
WASHER IN
12" ASH

SET SPK. &
WASHER IN
18" WILLOW

CORNER #7
H.E.S. #89
NOTHING FOUND
SET 1/2" NON 3" LIP
BY PROP BETWEEN
CORS. #6 & #8
MARKED

COUNTY ENGINEER
H.E.S. 89
No. 7
R.E. 5869

SET SPK. &
WASHER IN
36" OTHIWOOD

142-27-00 -
284-54-00 -
142-27-00 -

50' = 347.52
10' = 171.24
44'
51.65 CALC.
PROPERTY LINE
TRANSIT LINE
310.20
TRANSIT LINE
PROPERTY LINE
312.01 CALC.
2.64
00'
16.23
68.63
4.51
110'
110'
3.60
1.42
29
TO BOT. PG. 29

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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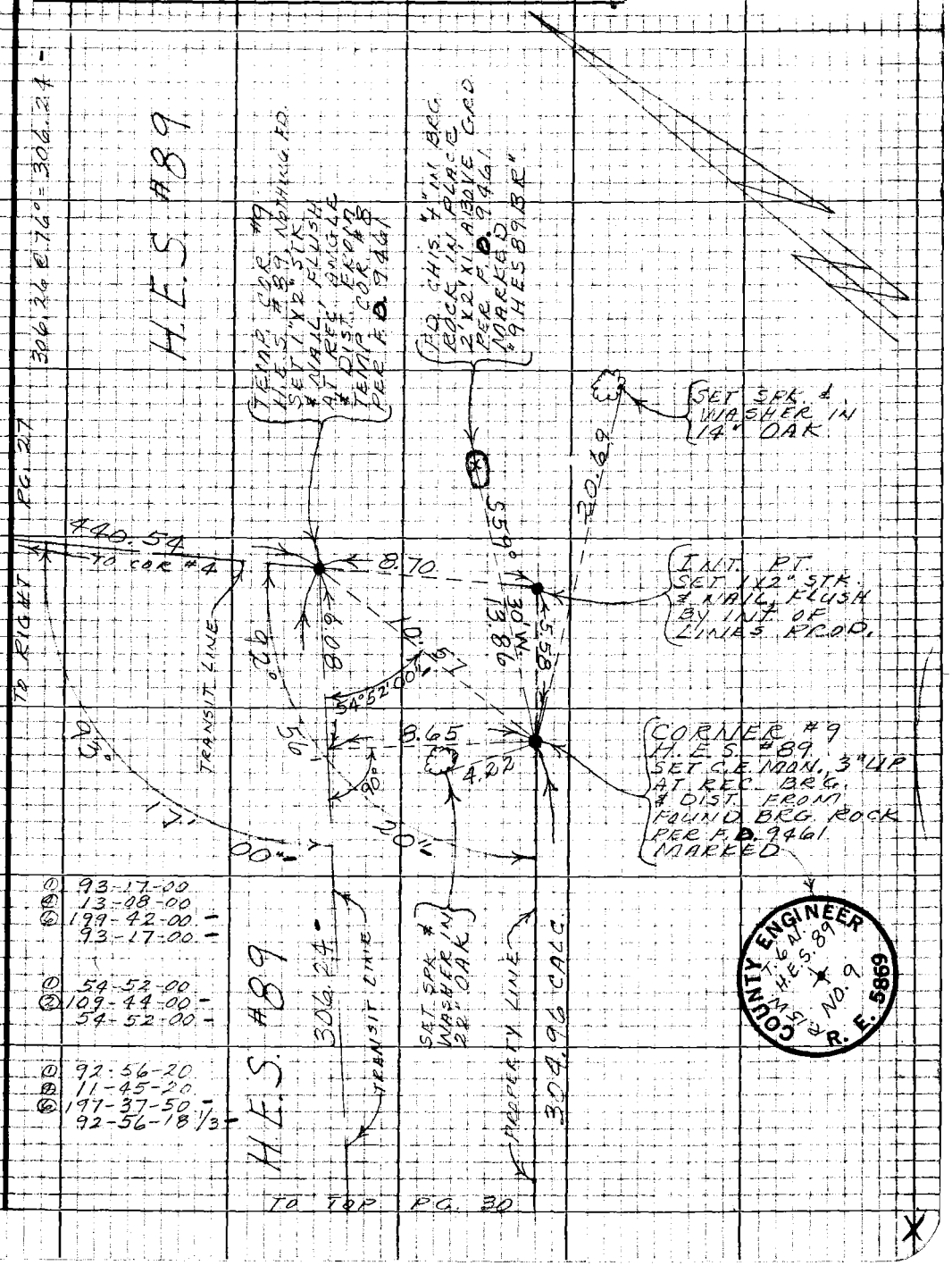
Notes Ck'd by R. P. SHORT	Survey of PROP. LAKE HUGHES RD	F.B. 3451	Pg. 31
Map No. H.C. 10-108	FN 0097.39 Tape 233 Std 84°F		
Office Work	Surveyed by [illegible]		
Checked	Notes J.M. Date 9-28-67		
Date	Indexed C. J. GAL OCT 16 '67		



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

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76P3095 CE #310 8-66

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F.B. 2401 Pg. 34

Notes Ck'd by	Survey of	F.B. 3401 Pg. 33
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date 2-69	
Date	Indexed G. D. BAILEY OCT 23 1973	

J.N. 0097.39

LAKE HUGHES ROAD

CENTERLINE SURVEY

FROM: PI # 47

TO: PI # 130-B

Pg. 33-133

PIERCE
KING
TALBOT
MITCHELL
EGSTROM

Note: PI 47 is ±3200' S.Wly. of S. & Cor Sec. 32, T1N, R15W.

PI 130 is ±3400 Nly. of Warm Springs Camp Site

See CS 8826-2,3,4, WS 77 HHSpriggs

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

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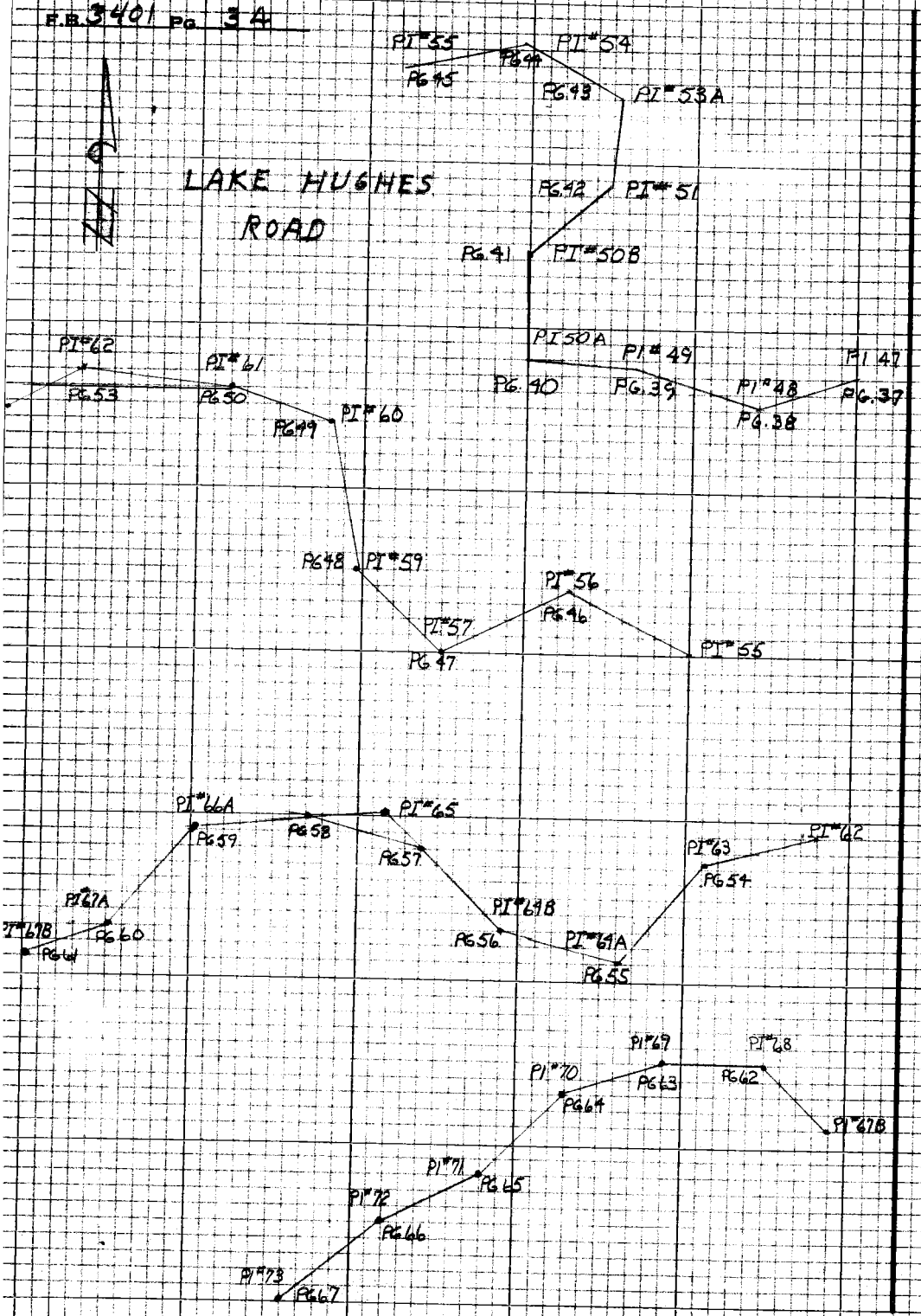
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P2098 CE #310 5-66

F.B. 3401 Pg. 34



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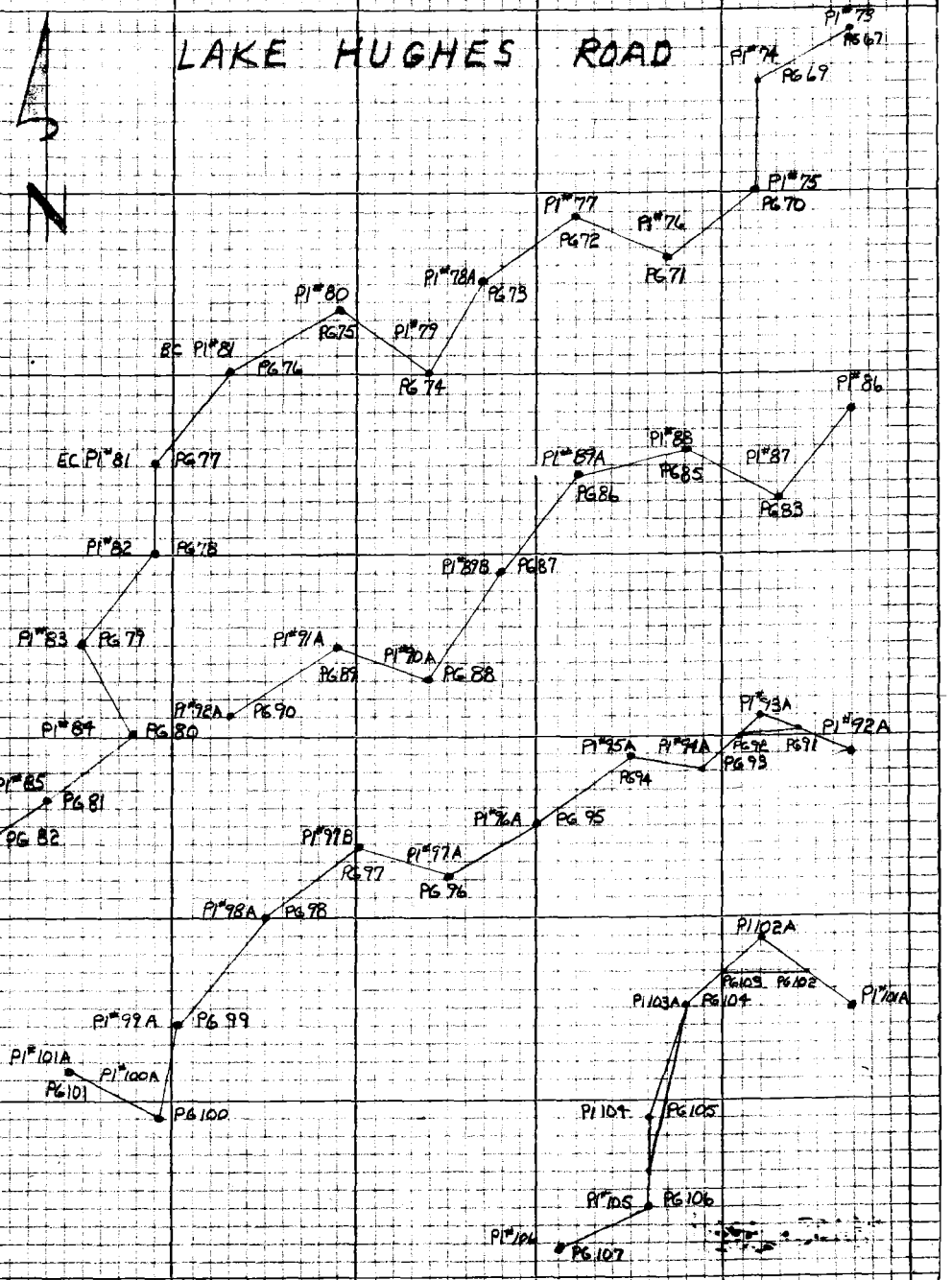
Note: Any Additions or Changes on this Sheet Must be Made or Checked in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 35



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
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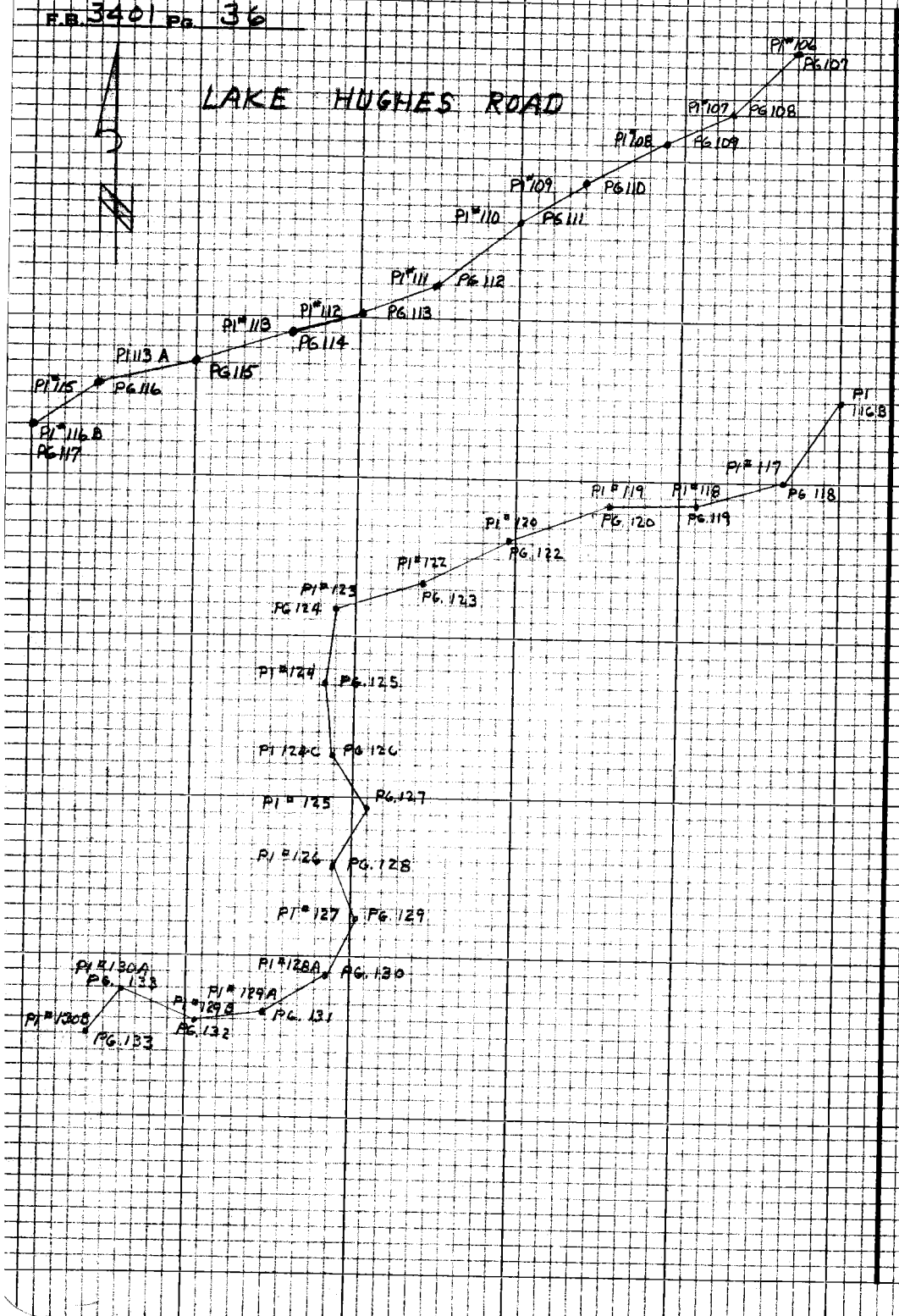
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76P3095 CE #310 5-66

F.B. 3401 Pg. 36



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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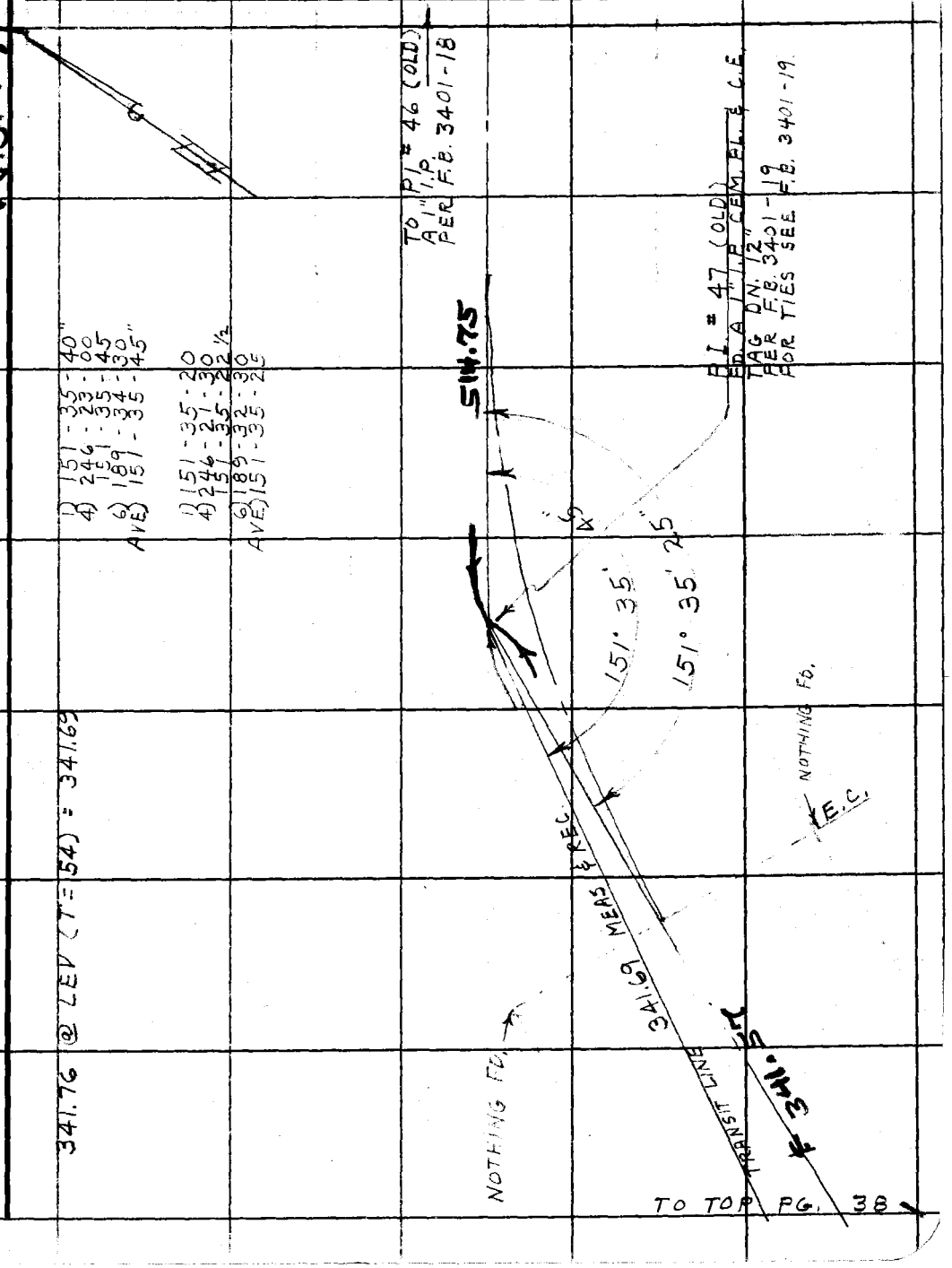
Note: Any Additions or Changes on this Sheet Must be Made or Checked in Ink. With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LAKE HUGHES RD
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 2-21-69
Date	Indexed G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 37

W.S. 77 D-1



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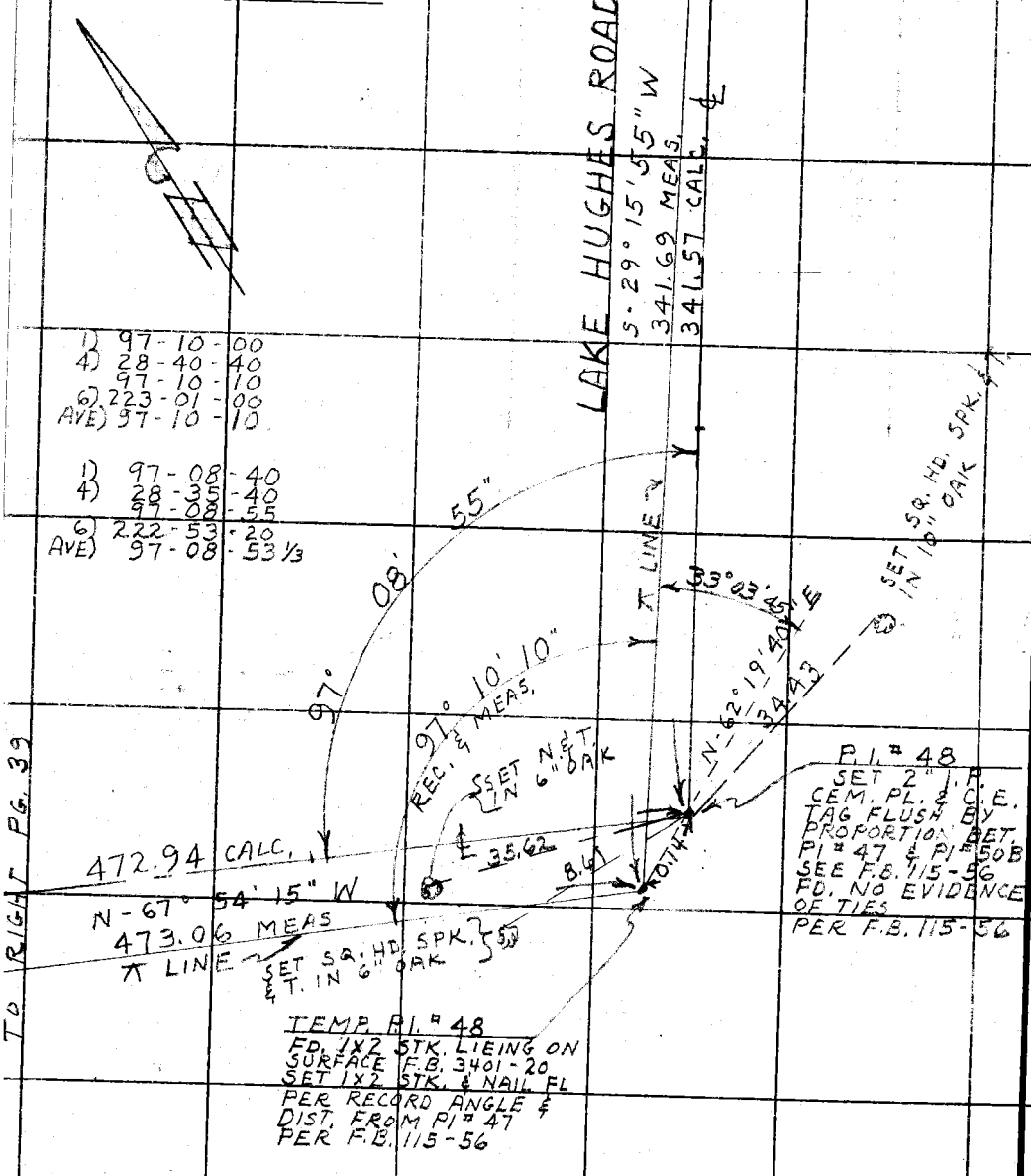
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3401 PG. 38

TO BOT PG. 37



473.15 @ LEVEL (T = 54) = 473.06

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

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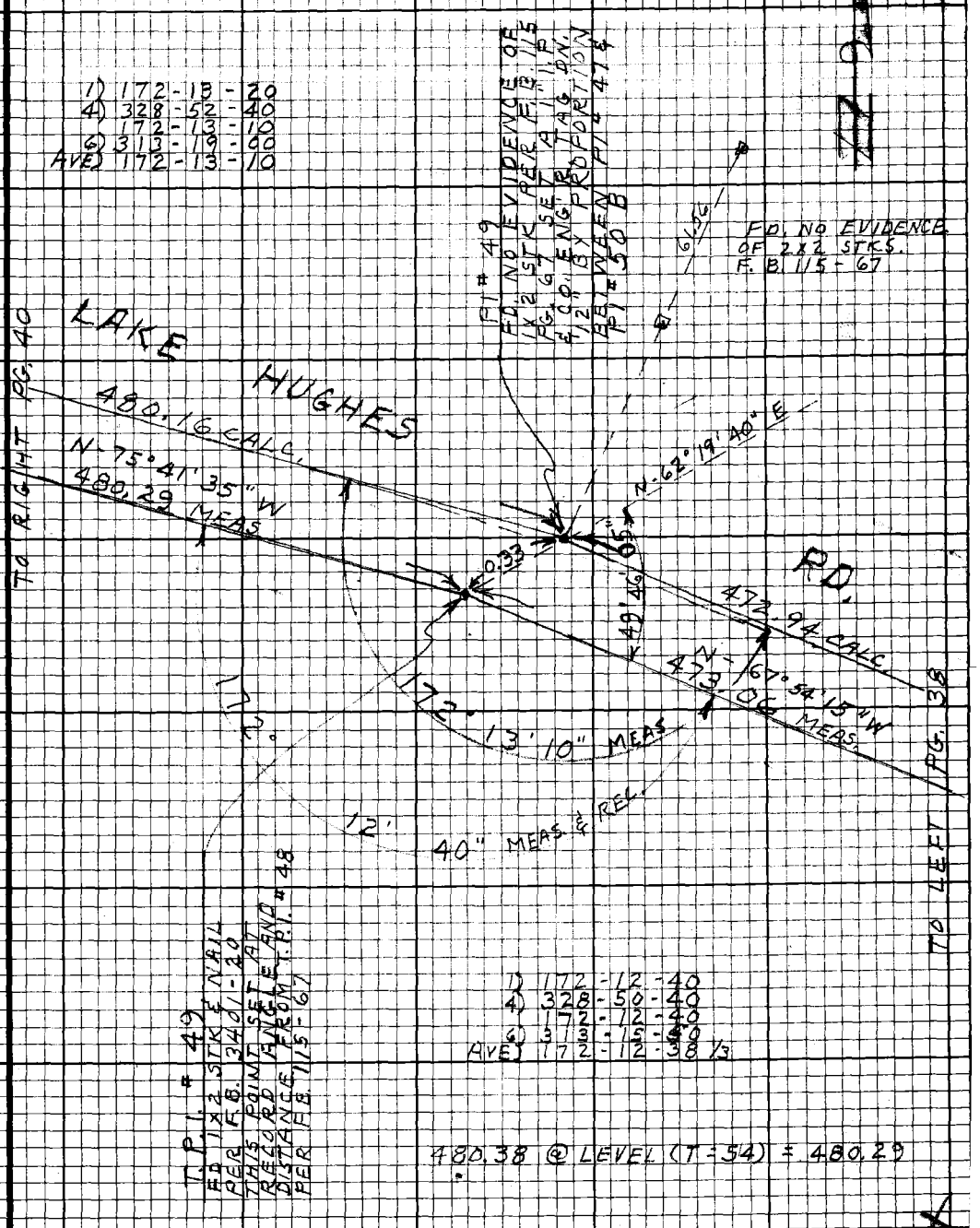
Notes Ck'd by	Survey of LAKE HUGHES RD. F.B. 3401 PG. 39
Map No.	JN 0097.39 Tape 186 Std 84°F
Office Work	Surveyed by PIERCE
Checked	Notes PIERCE Date 2-69
Date	Indexed G. D. BAILEY OCT 24 1973



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

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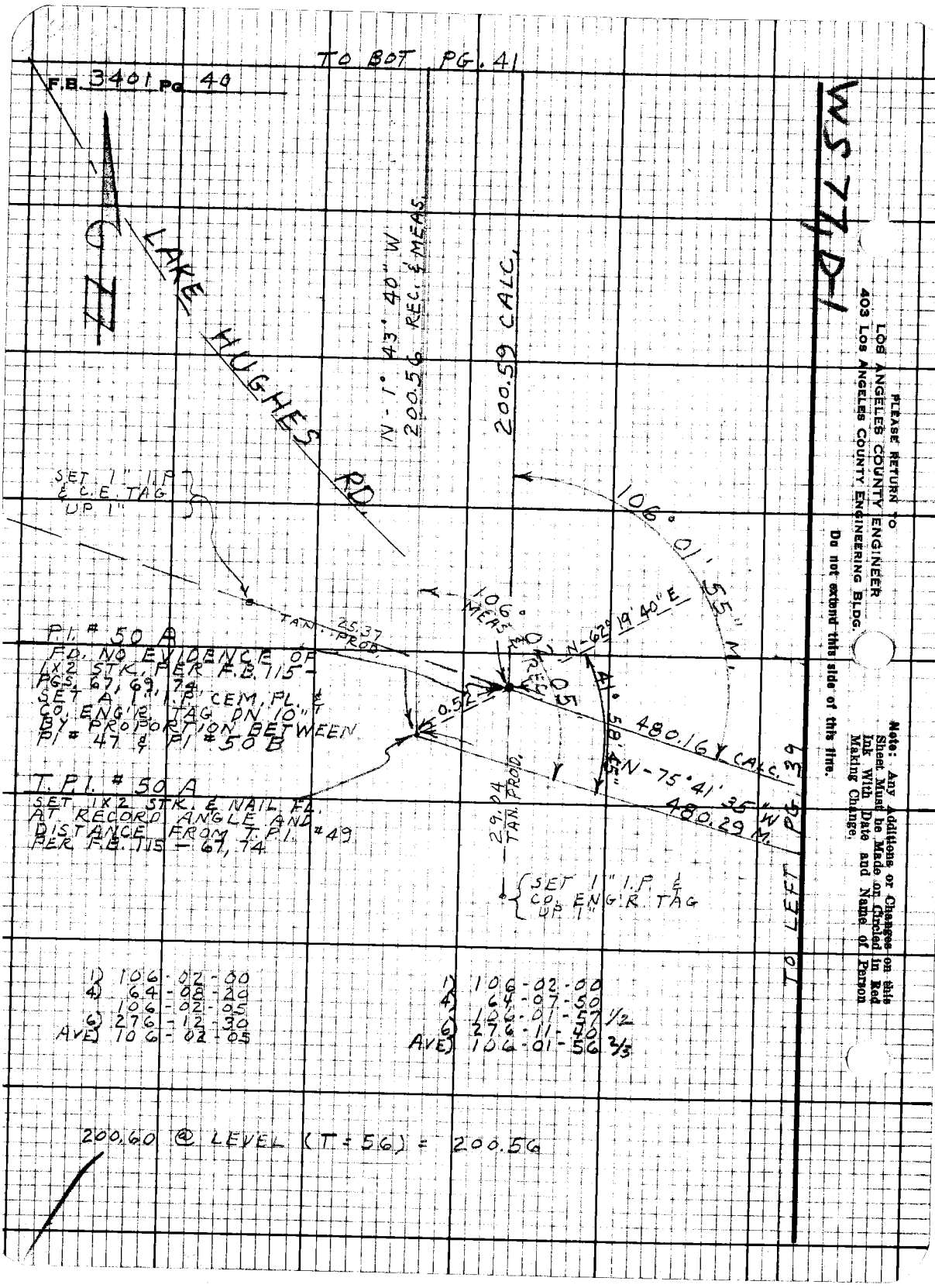
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3093 CE#310 9-67


TO BOT PG. 41
F.B. 3401 PG. 40
LAKE HUGHES RD.
N-1° 43' 40" W
200.56 REC. & MEAS.
200.59 CALC.
106° 01' 55" M.
SET 1" I.P. & C.E. TAG UP 1"
TAN. PROD. 25.37
106° MEAS. & REC.
N-62° 19' 40" E
P.I. # 50 A
FD. NO EVIDENCE OF 1X2 STK. PER F.B. 115 - PGS. 67, 69, 74.
SET A 1" I.P. CEM. PL. & CO. ENG'R. TAG DN 10" BY PROPORTION BETWEEN PI # 47 & PI # 50 B
0.52
41° 58' 45"
480.16 CALC.
N-75° 41' 35" W
480.29 M.
29.04 TAN. PROD.
T.P.I. # 50 A
SET 1X2 STK. & NAIL FL. AT RECORD ANGLE AND DISTANCE FROM T.P.I. # 49 PER F.B. 115 - 67, 74
SET 1" I.P. & CO. ENG'R. TAG UP 1"
TO LEFT PG. 39
1) 106-02-00
4) 64-08-20
106-02-05
6) 276-12-30
AVE) 106-02-05
1) 106-02-00
4) 64-07-50
106-01-57 1/2
6) 276-11-40
AVE) 106-01-56 2/3
200.60 @ LEVEL (T = 56) = 200.56
WS 77 D-1
PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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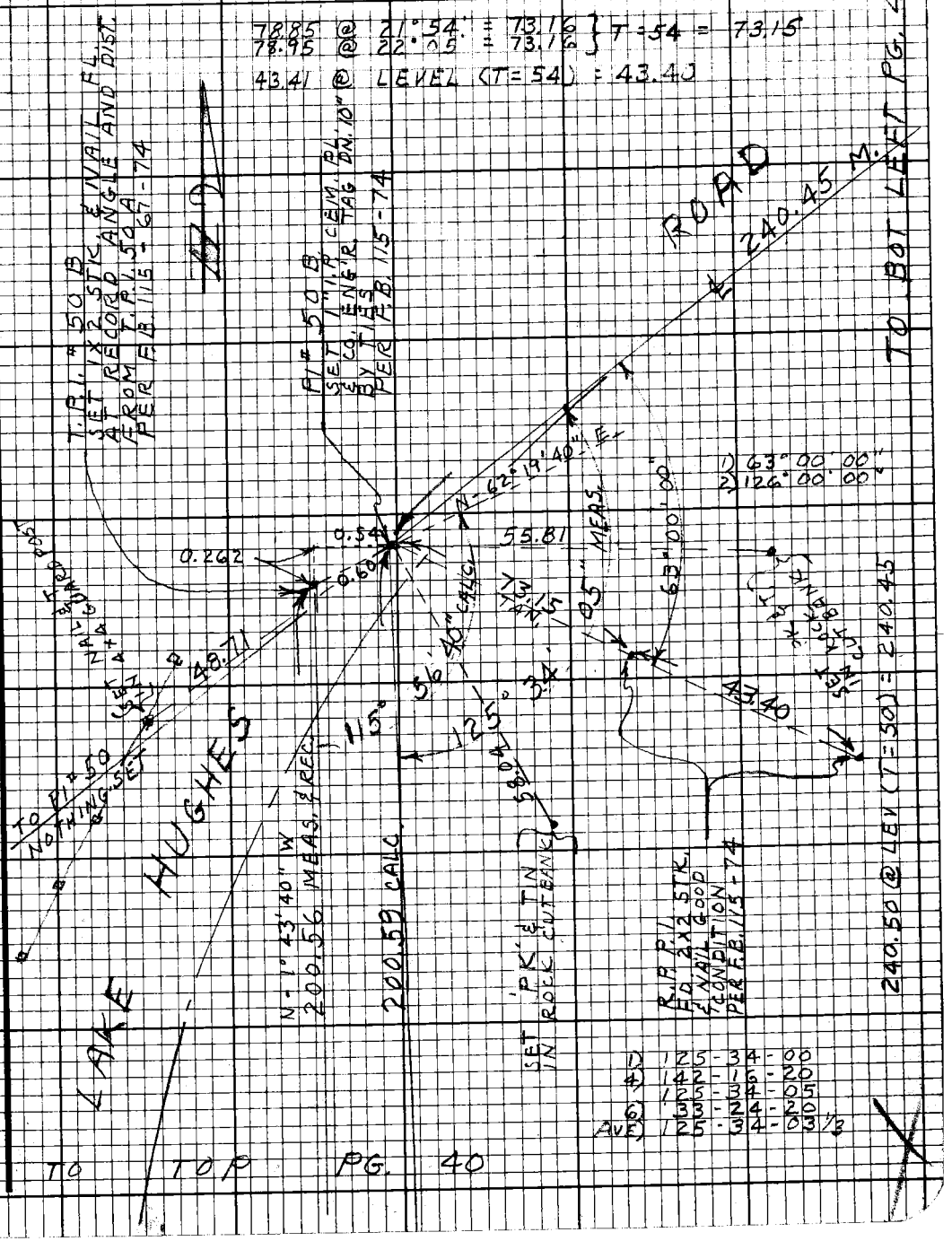
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of LAKE HUGHES RD
JN 009739 Tape 186 Std 84 °F
Surveyed by J. C. PIERCE
Notes J. C. P. Date 2-5-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 41



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PLEASE RETURN TO
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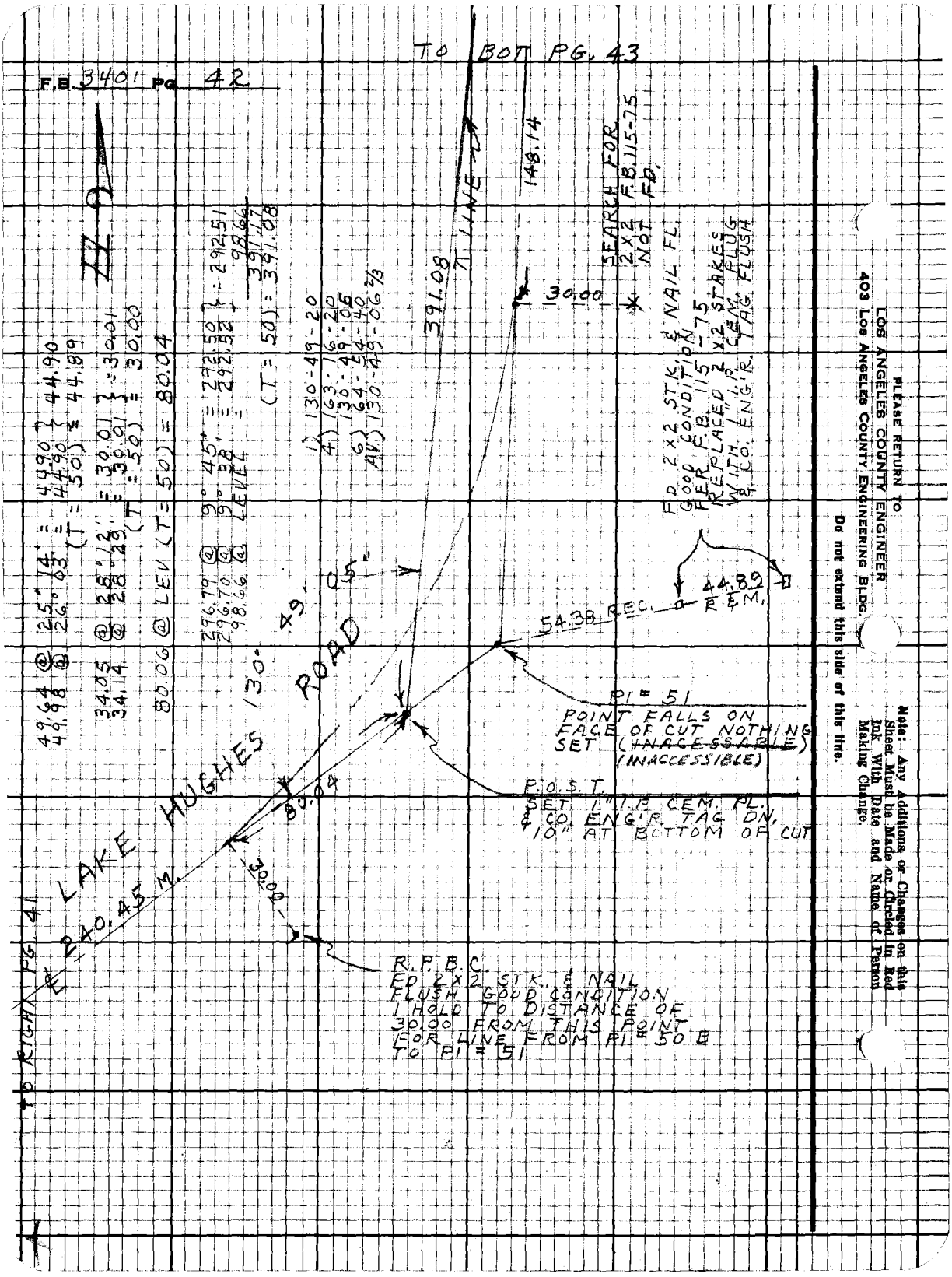
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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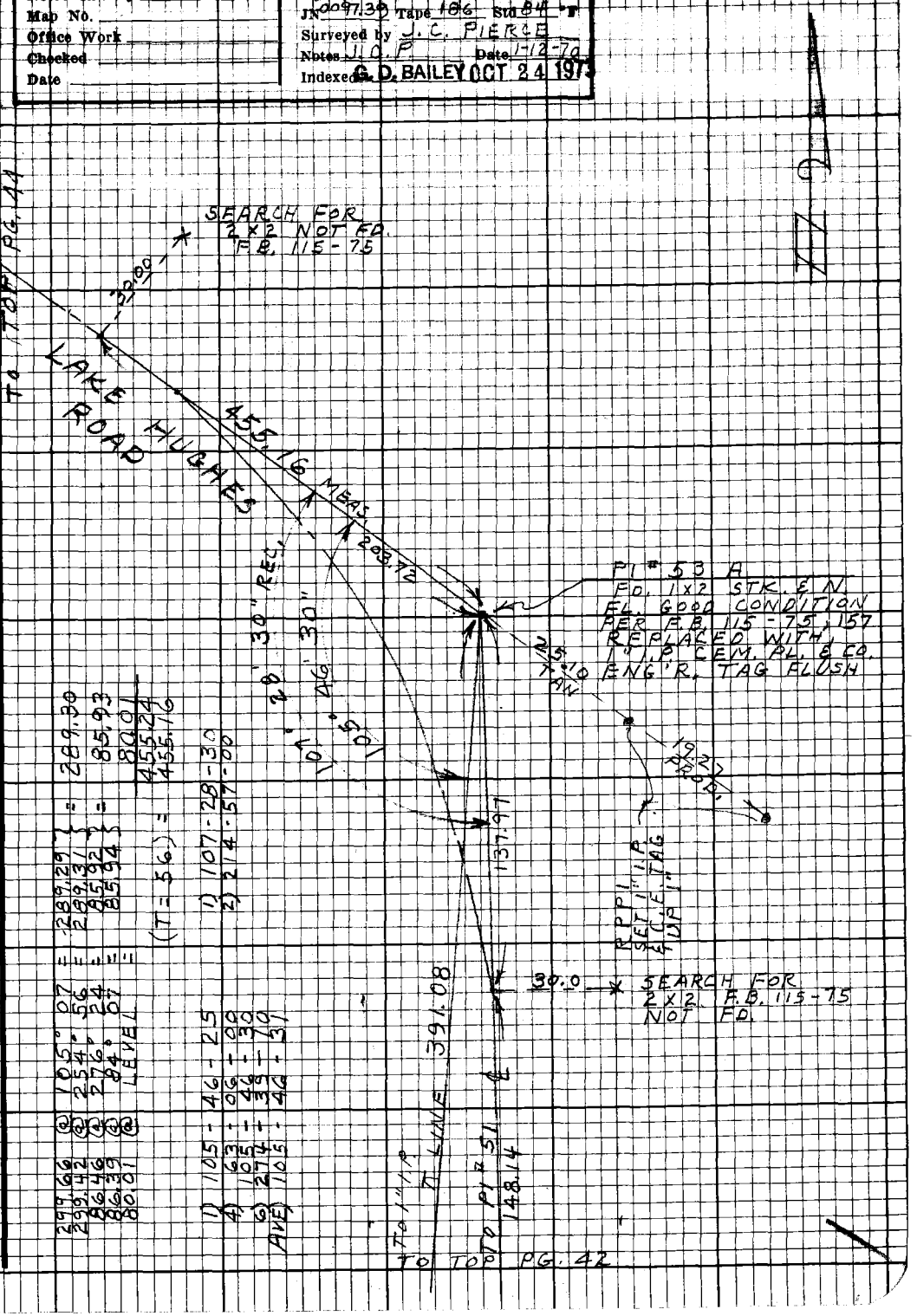
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. O. P. Date 1-12-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG 43



299.66 @ 105° 07 = 289.29 } = 289.30
299.42 @ 254° 56 = 289.31 } = 85.93
86.46 @ 276° 24 = 85.92 } = 80.01
86.39 @ 84° 07 = 85.94 } = 455.24
80.01 @ LEVEL = 455.16

(T = 56) =

1) 107-28-30
2) 214-57-00

1) 105-46-25
4) 63-06-00
5) 105-46-30
6) 274-39-10
AVE) 105-46-31

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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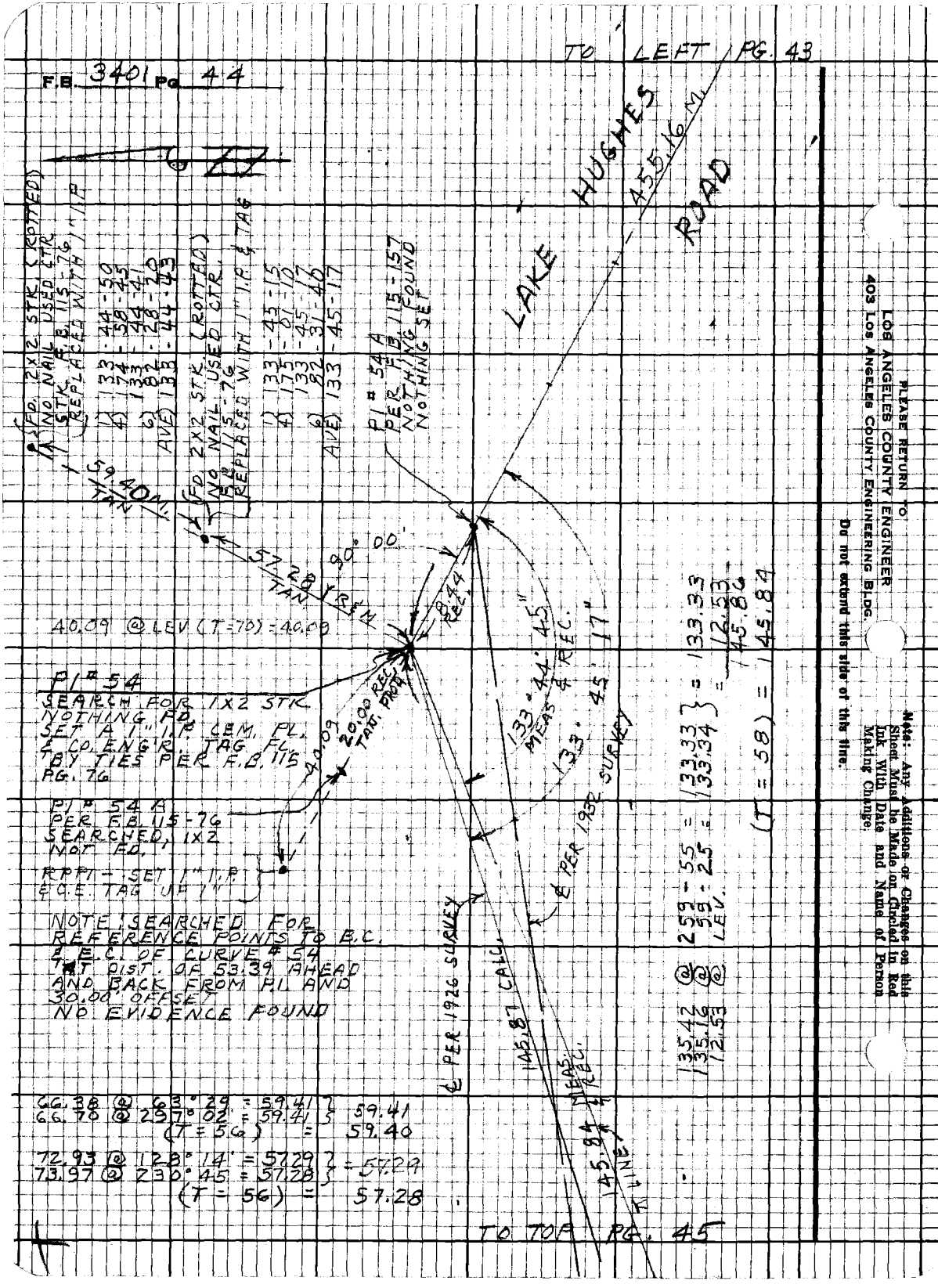
76F3098 CE#31D 9-67

F.B. 3401 Pg. 44



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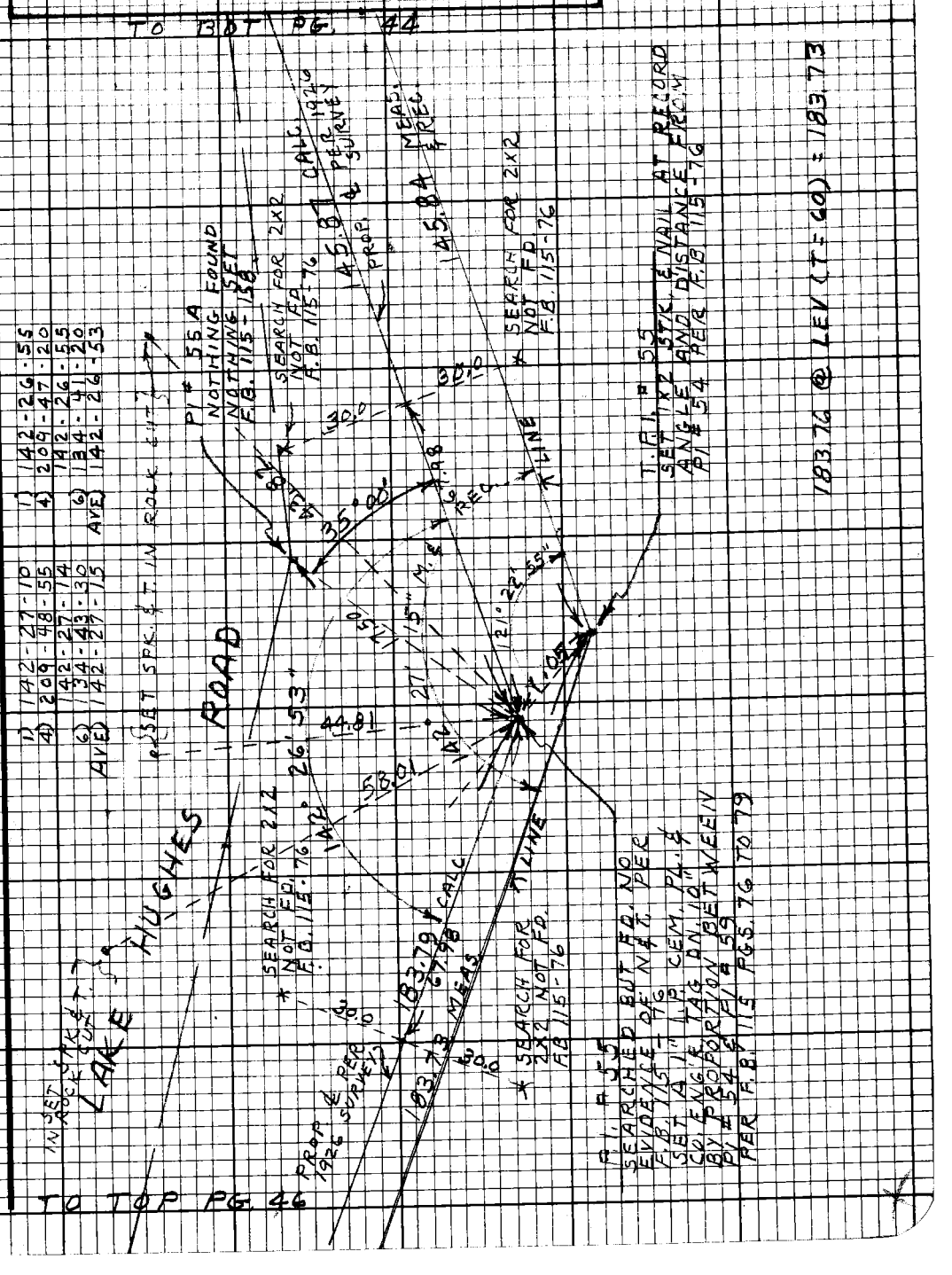
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 1-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 45

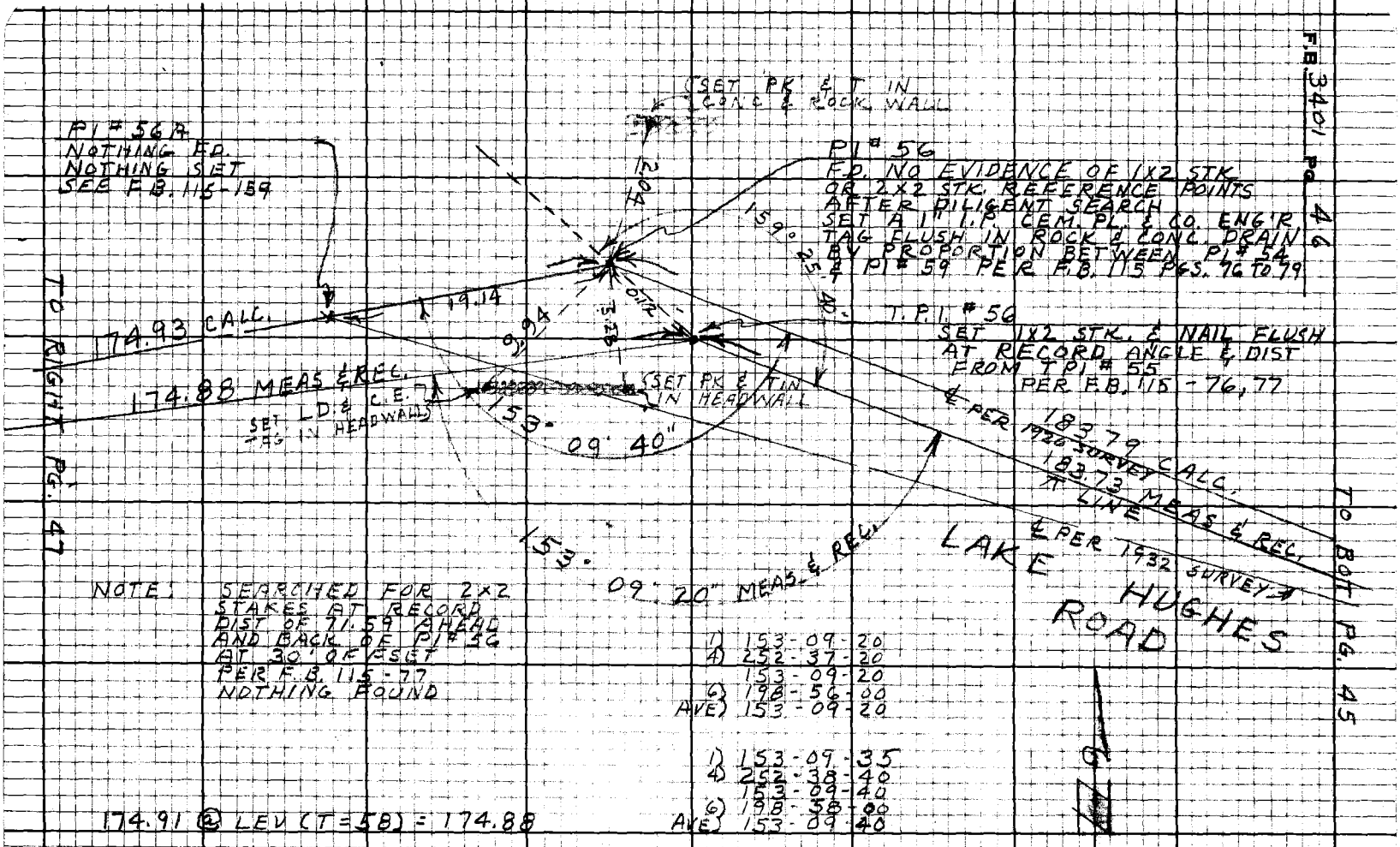


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 CE#310 9-67



PLEASE RETURN TO
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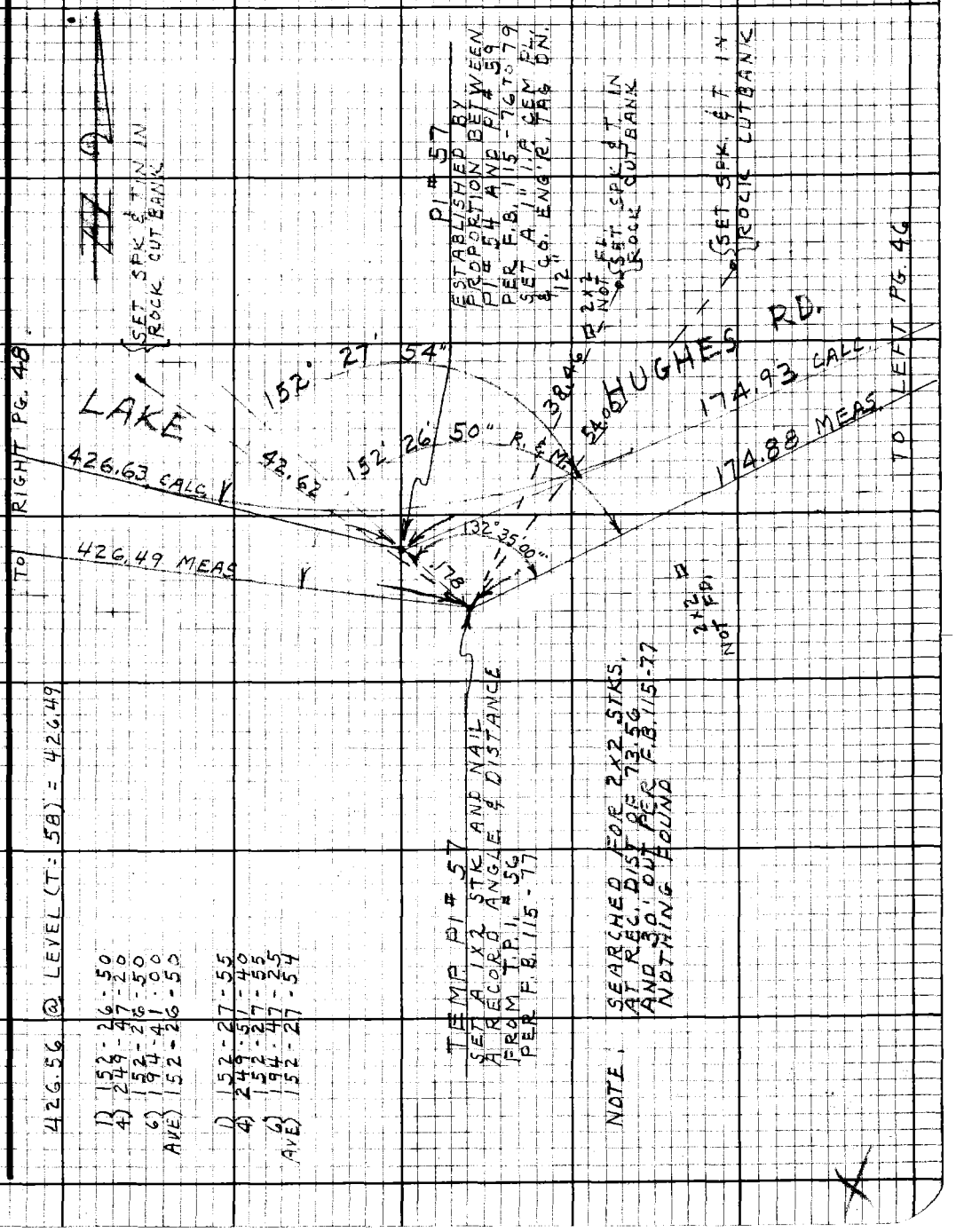
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Checked in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LK. HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 11-70
Date	Indexed G. D. BAILEY OCT 24 1975

F.B. 3401 PG. 47



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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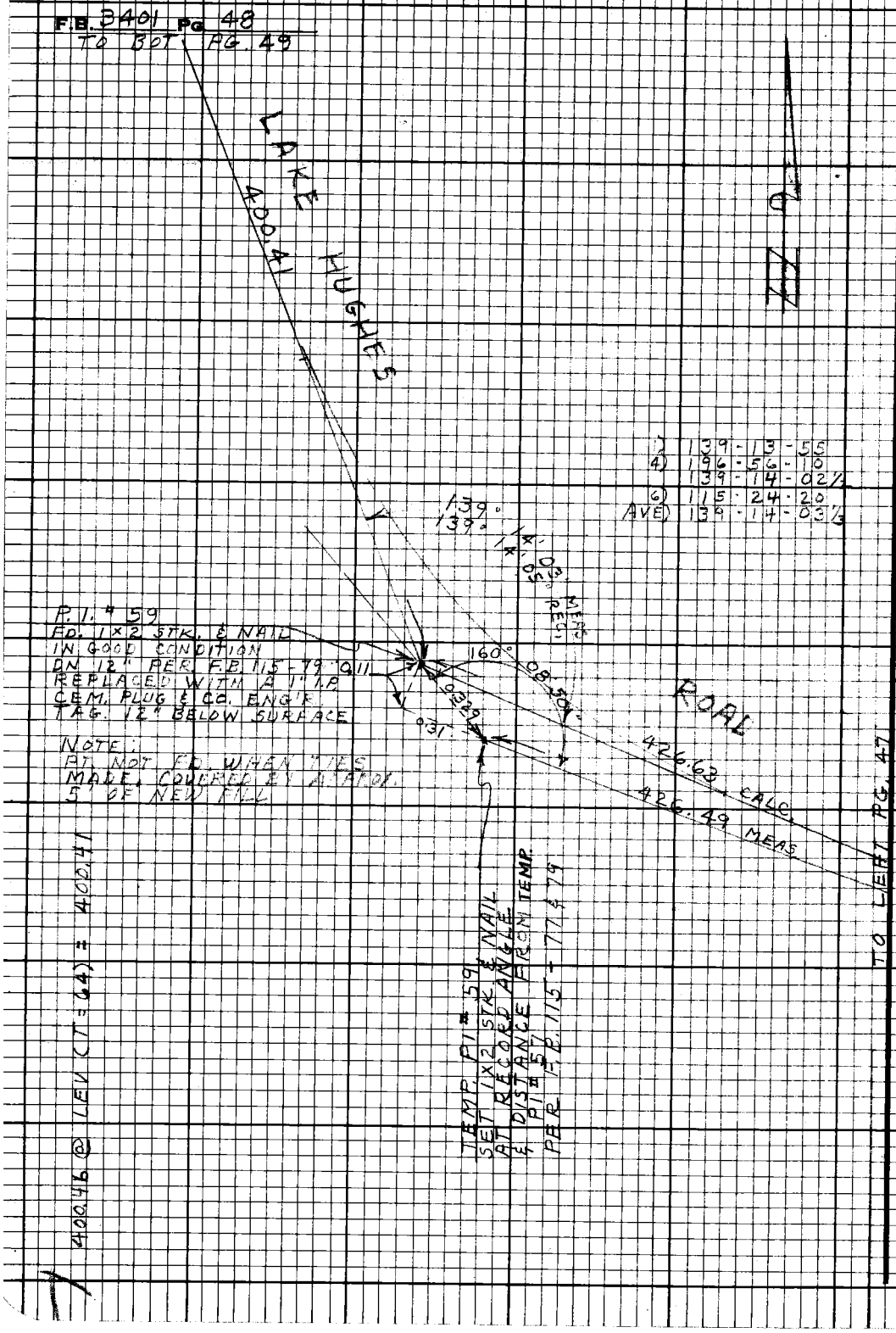
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3401 Pg 48
TO BOT PG. 49



PLEASE RETURN TO
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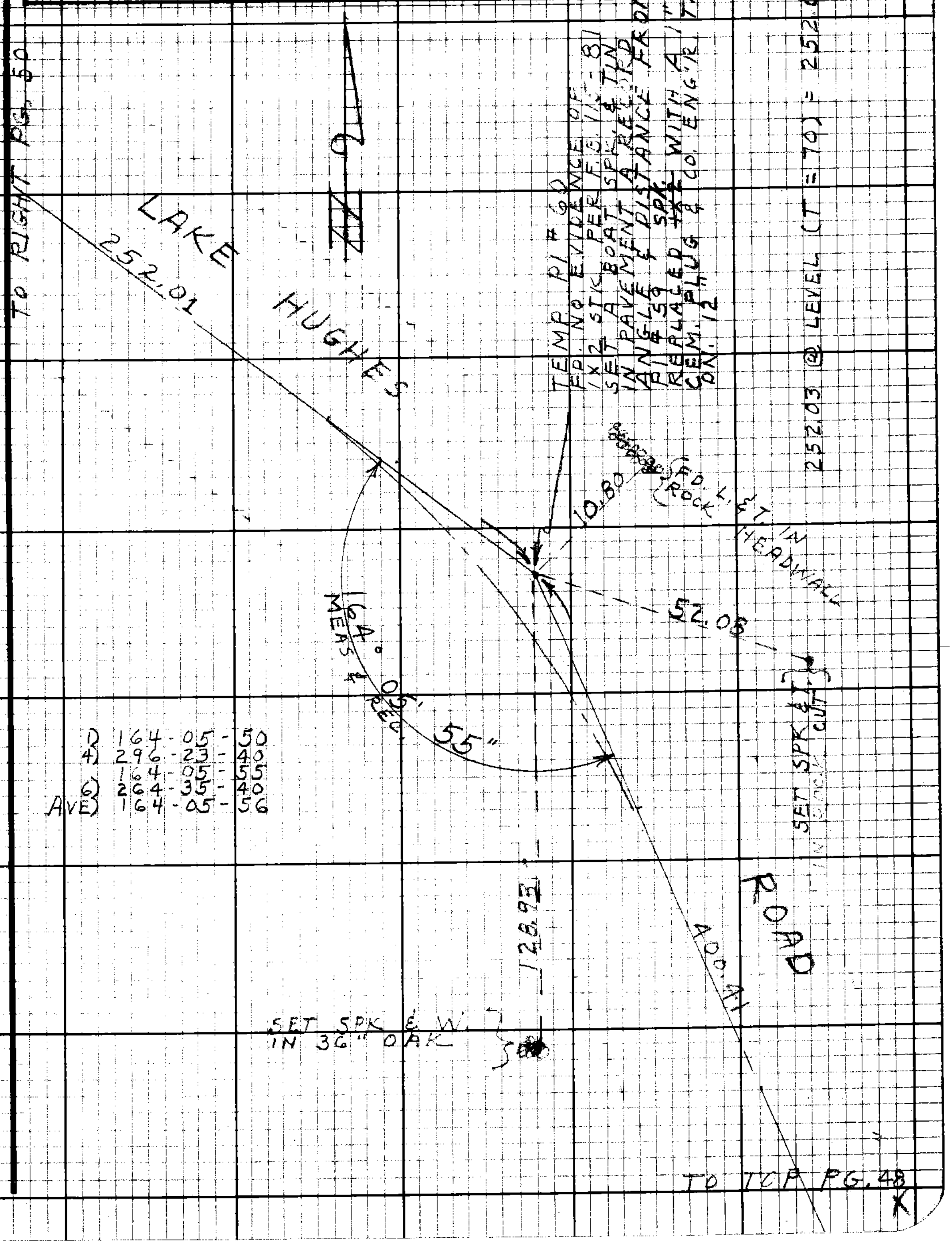
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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	LK. HUGHES RD.
Map No.		JN	0099.39 Tape 186 Std 84 °F
Office Work		Surveyed by	J. C. PIERCE
Checked		Notes	J. C. PIERCE Date 11-20-70
Date		Indexed	G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 49



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
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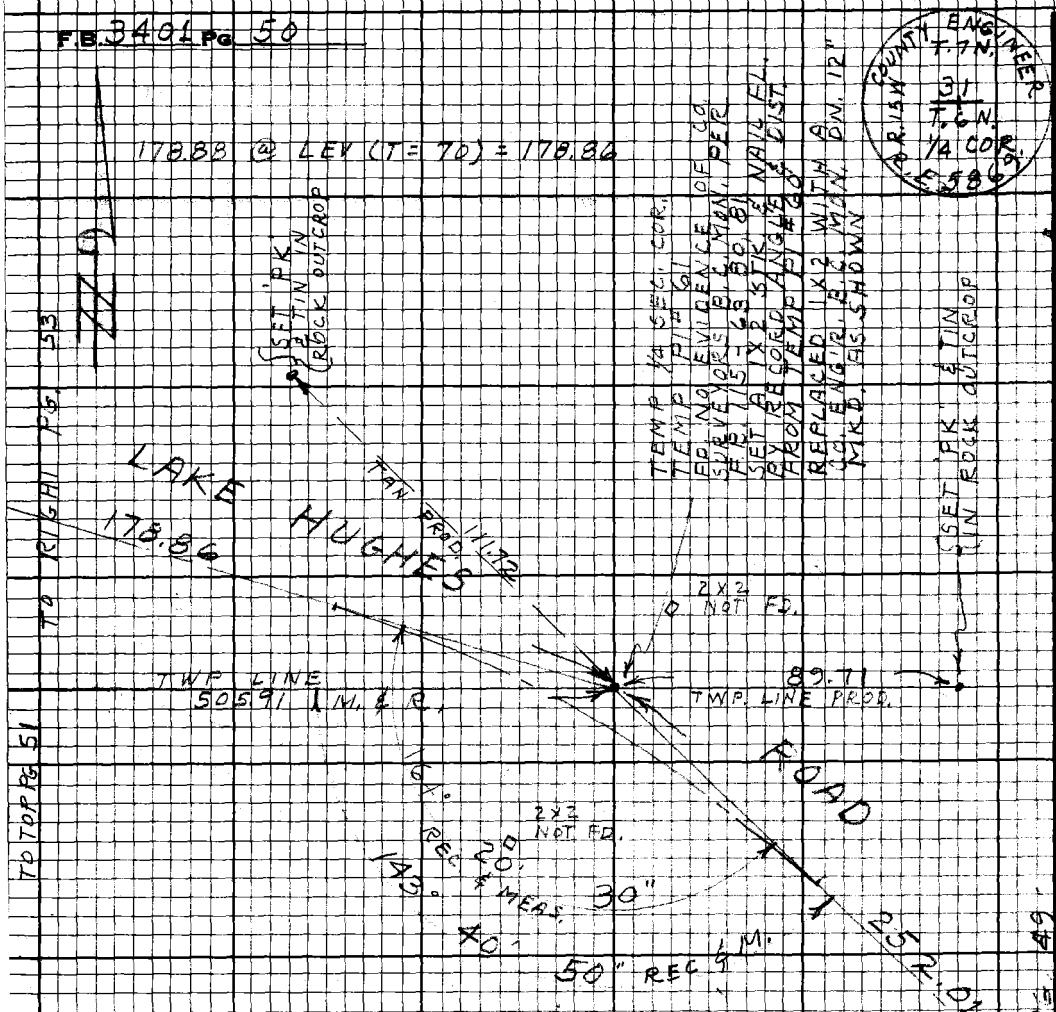
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3401 Pg. 50



COUNTY ENGINEER
T.7N.
R.15W
31
T.6N.
1/4 COR.
R.E. 5869

1) 164-20-30
4) 297-22-00
164-20-30
6) 266-03-00
AVE) 164-20-30

1) 143-40-45
4) 214-43-20
143-40-50
6) 142-05-00
AVE) 143-40-50

300.55	@	14° 50'	= 290.53	= 290.53
300.13	@	14° 32'	= 290.53	
217.67	@	8° 12'	= 215.44	= 215.43
217.56	@	8° 03'	= 215.42	
				505.96
			(T = 70) =	505.91

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403 Los Angeles County Engineering Bldg.

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

Notes Ck'd by	Survey of LK. HUGHES RD.
Map No.	JN 009739 Tape 184 Std 24 °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 51

to Lf Pg 50

TO PI #61 1/4 SEC. COR.

505.91

TOWNSHIP LINE

P.O.L.

FD. REMAINS OF 1X2 STK. PER F.B. 115-82 I CANNOT FIND NAIL BUT FEEL THAT THIS IS THE POINT AND NOT THE REMAINS OF THE MARKER FROM THE OUTLINE OF THE STAKE AND THE FACT THAT IT IS AT RECORD DIST. FROM TPI #61 AND ON LINE BETWEEN THE TOWNSHIP COR. AND TPI #61 1/4 COR TO SEC. 31, T.7N. R.15W. Replaced with a 1" ID conc. plug & C.E. tag up 1" W.J.V. 7/26/74

TO TOWNSHIP COR.

TO TOP PG. 52

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.

76F3098 CE#310 9-67

TO BOT. PG. 51

F.B. 3401 PG. 52

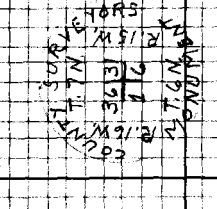
TOWNSHIP CORNER
FD. A CO. SURVEYORS
B.C. MON. UP 6"
MKD. AS SHOWN
PER F.B. 115-63

COUNTY SURVEYORS
T. 7 N.
R. 16 W.
36 | 31
1 | 6
R. 15 W.
T. 6 N.
MONUMENT

MS 83, C-6

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

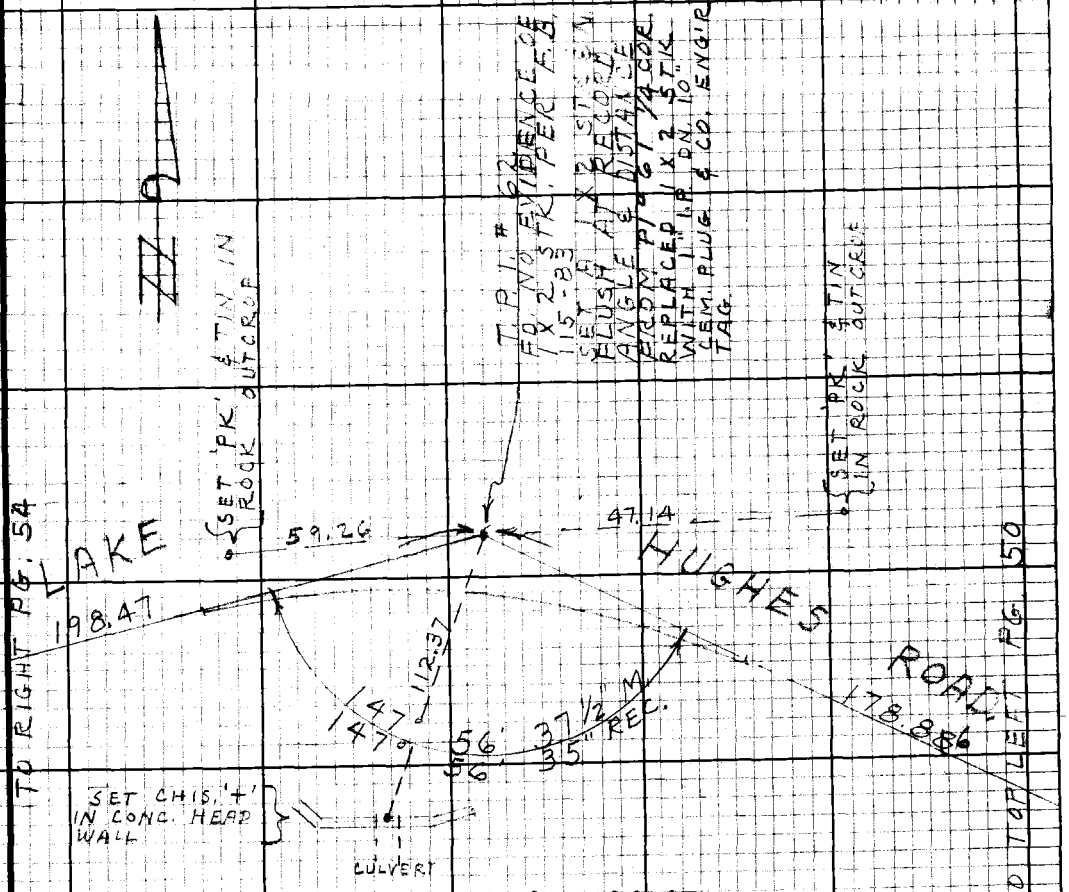
Do not extend this side of this line.



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 LK HUGHES RD.
Map No.	JN 0097.39 Tape 184 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. F. Date 1-21-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 53



198.51 @ LEV (T = 56) = 198.47

1) 147 - 56 - 40
4) 231 - 46 - 40
147 - 56 - 40
6) 167 - 39 - 45
AVE) 147 - 56 - 37 1/2

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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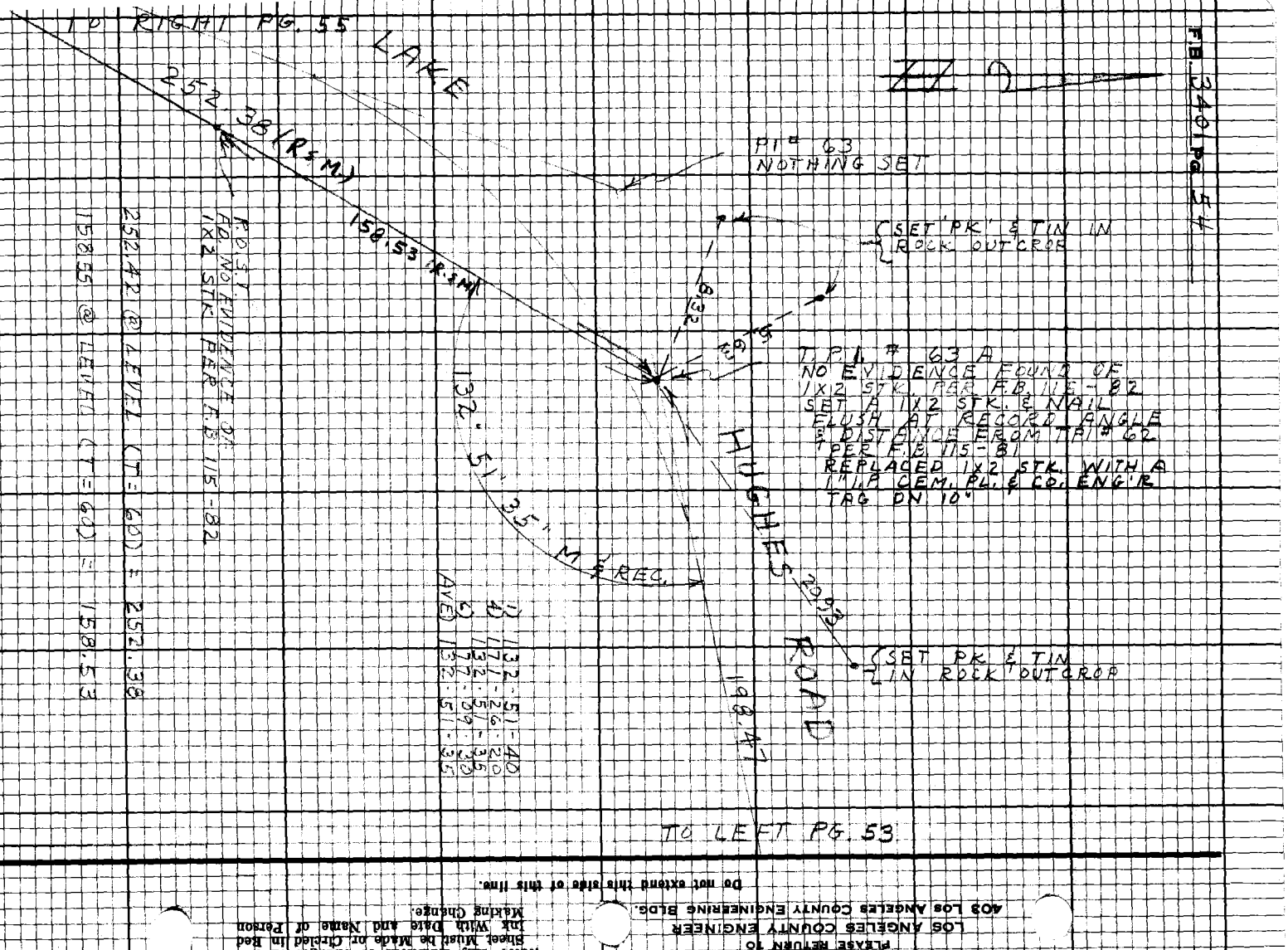
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67



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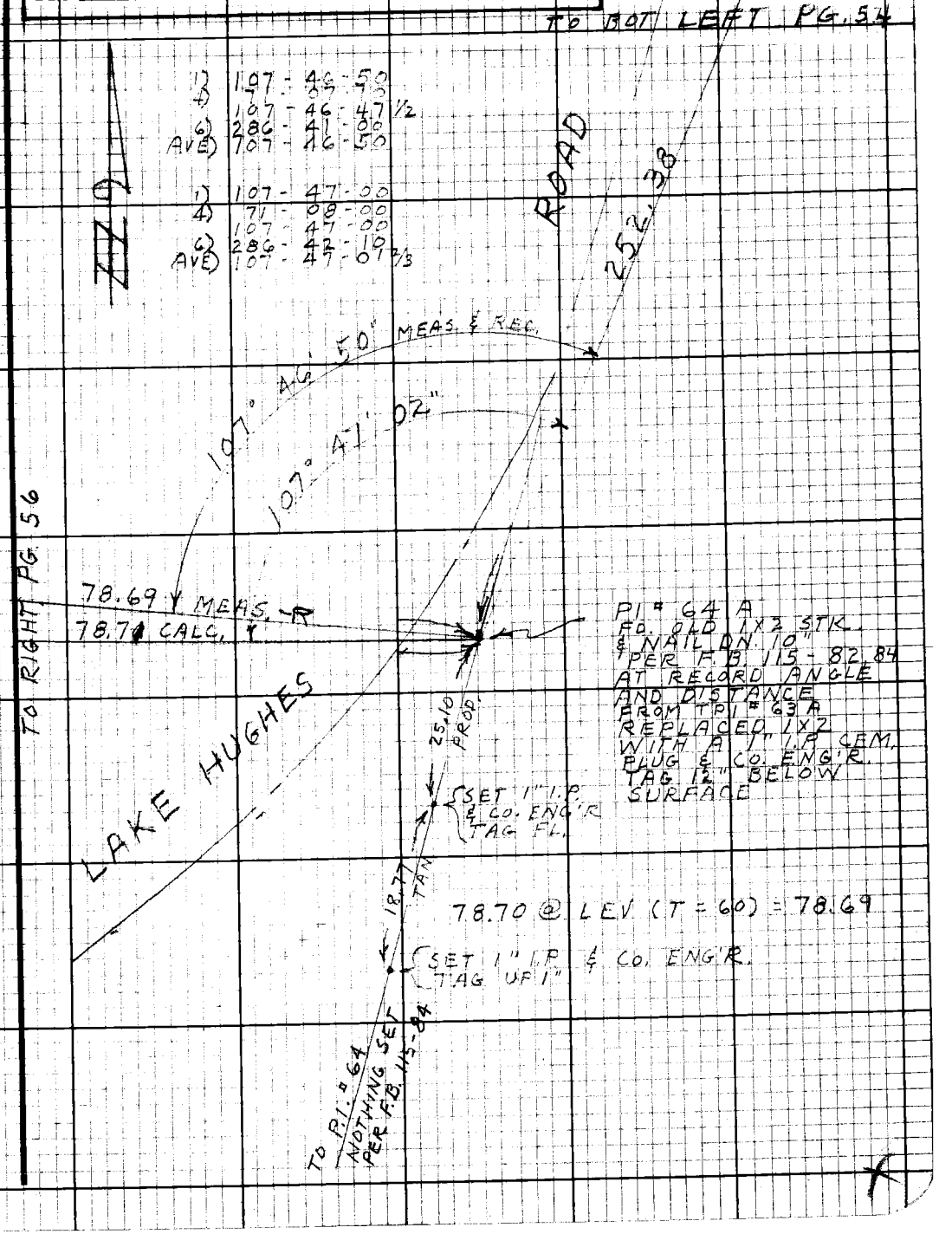
Notes Ck'd by	Survey of L.K. HUGHES RD
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 1-21-70
Date	Indexed G.D. BAILEY OCT 24 1973

F.B. 3401 PG. 55



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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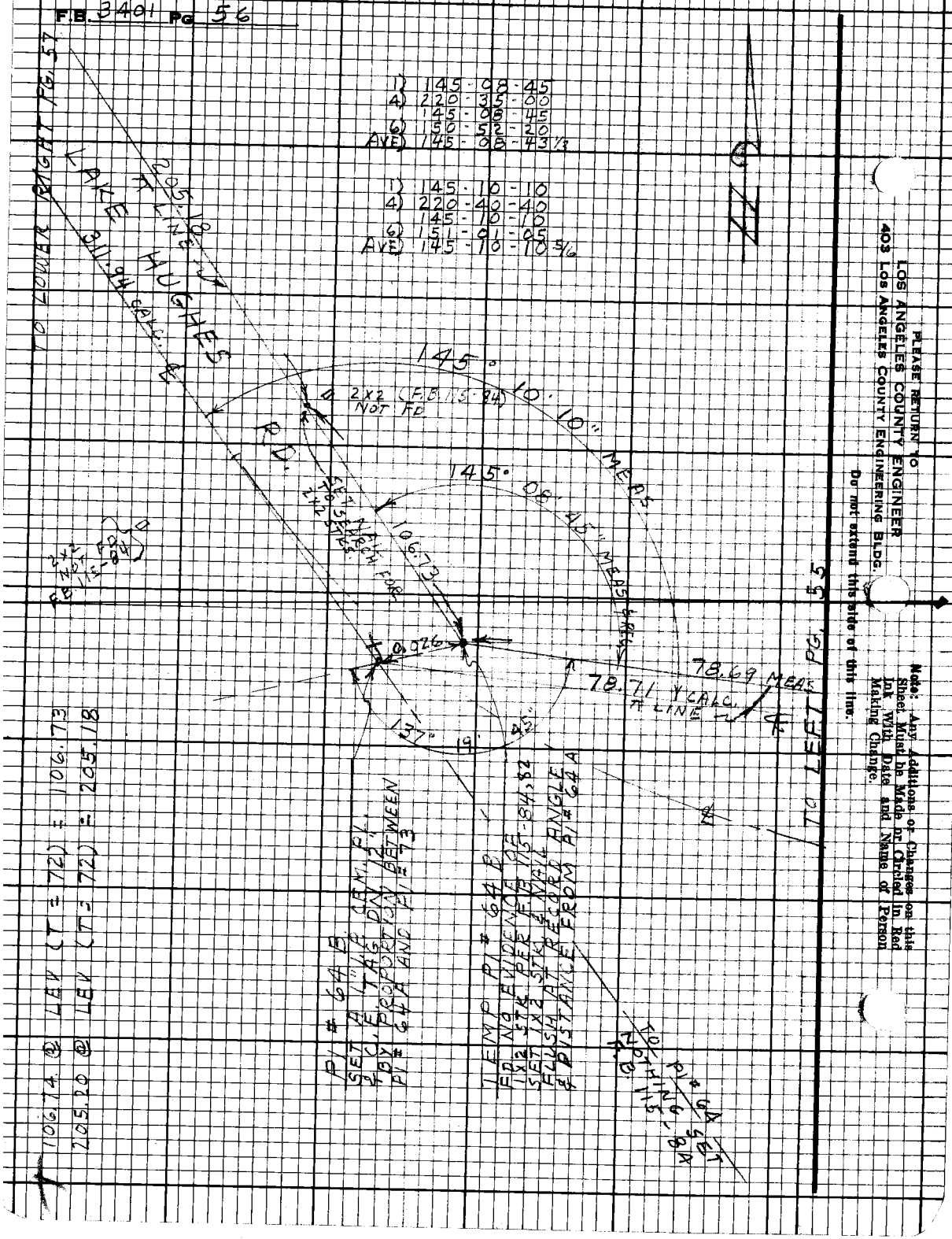
76F3098 CE#310 9-67

F.B. 3401 Pg 56



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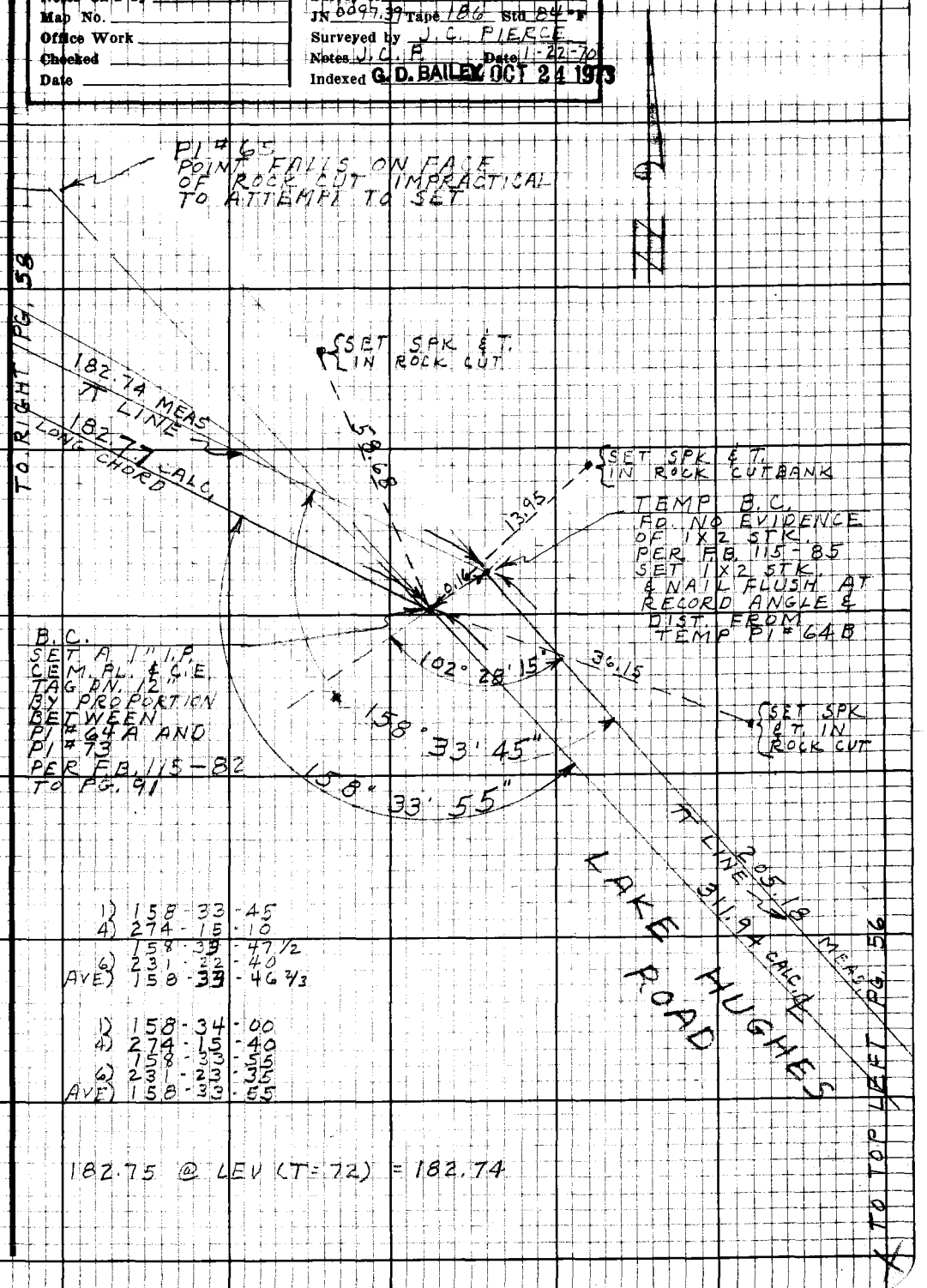
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of LK. HUGHES RD.
JN 6097.39 Tape 186 Stn 84+
Surveyed by J.C. PIERCE
Notes J.C.P. Date 1-22-70
Indexed G.D. BAILEY OCT 24 1973

F.B. 3401 Pg. 57



1) 158-33-45
4) 274-15-10
158-33-47 1/2
6) 231-22-40
AVE) 158-33-46 2/3

1) 158-34-00
4) 274-15-40
158-33-55
6) 231-23-35
AVE) 158-33-55

182.75 @ LEV (T=72) = 182.74

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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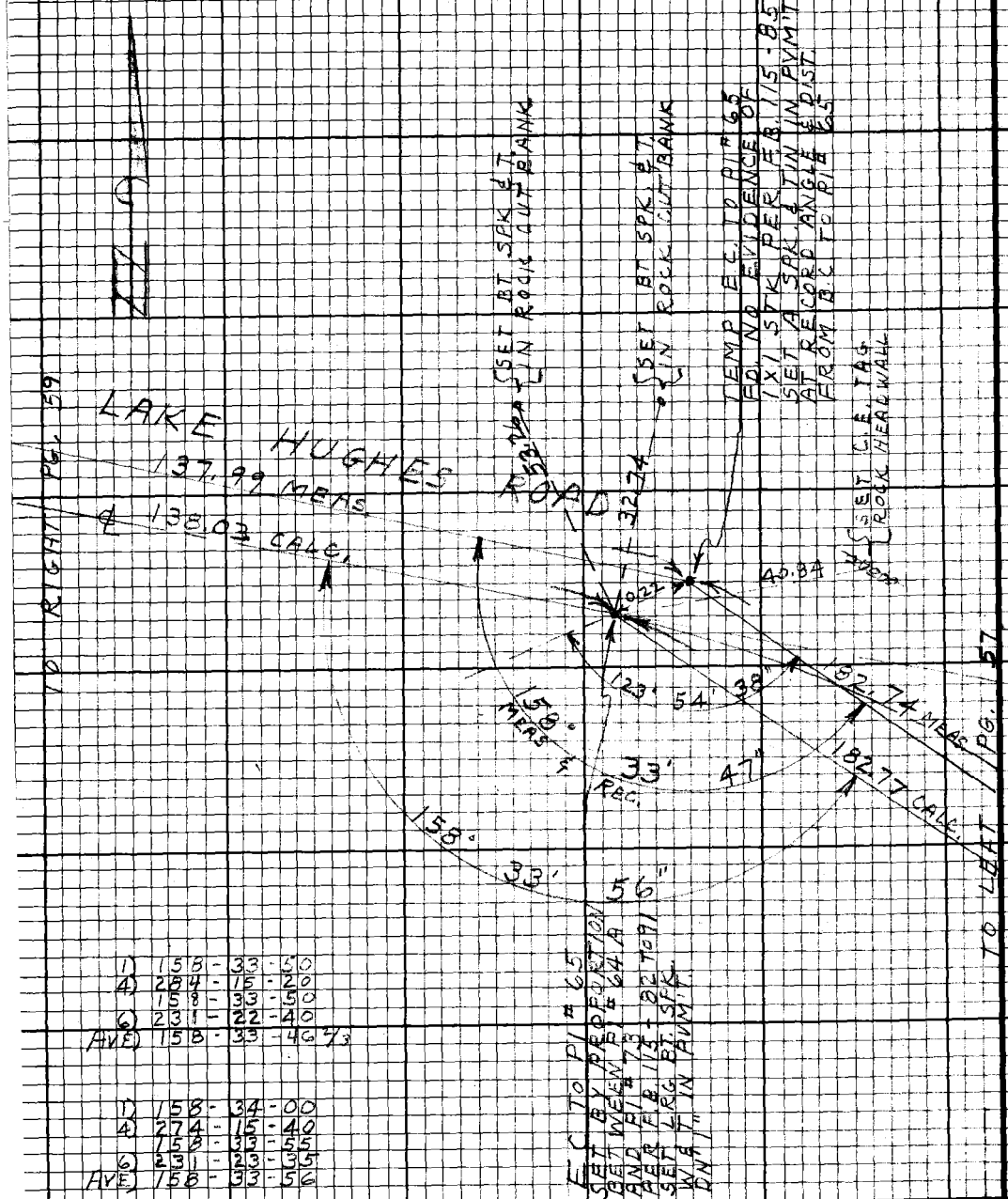
7EF5088 CE#310 9-67

F.B. 3401 Pg. 58



1) 158 - 33 - 50
4) 284 - 15 - 20
158 - 33 - 50
6) 231 - 22 - 40
AVE) 158 - 33 - 46 2/3

1) 158 - 34 - 00
4) 274 - 15 - 40
158 - 33 - 55
6) 231 - 23 - 35
AVE) 158 - 33 - 56

138.00 @ LEV (T = 72) = 137.99

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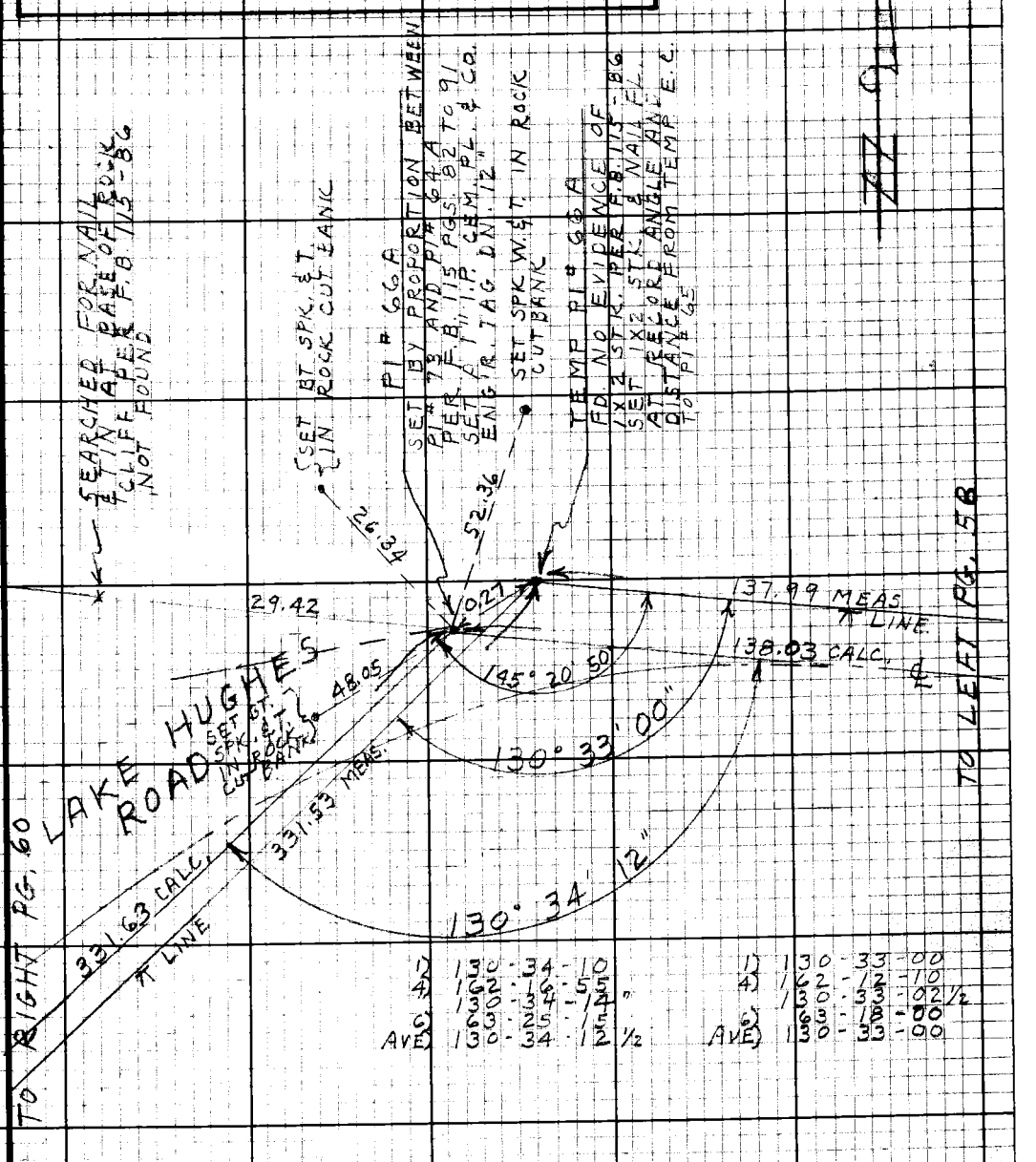
Notes Ck'd by	Survey of LK HUGHES RD.
Map No.	JN 009739 Tape 186 Std 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 1-21-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 59



1) 130-34-10
4) 162-16-55
130-34-14"
6) 63-25-15
AVE) 130-34-12 1/2

1) 130-33-00
4) 162-12-10
130-33-02 1/2
6) 63-18-00
AVE) 130-33-00

331.55 @ LEVEL (T = 76) = 331.53

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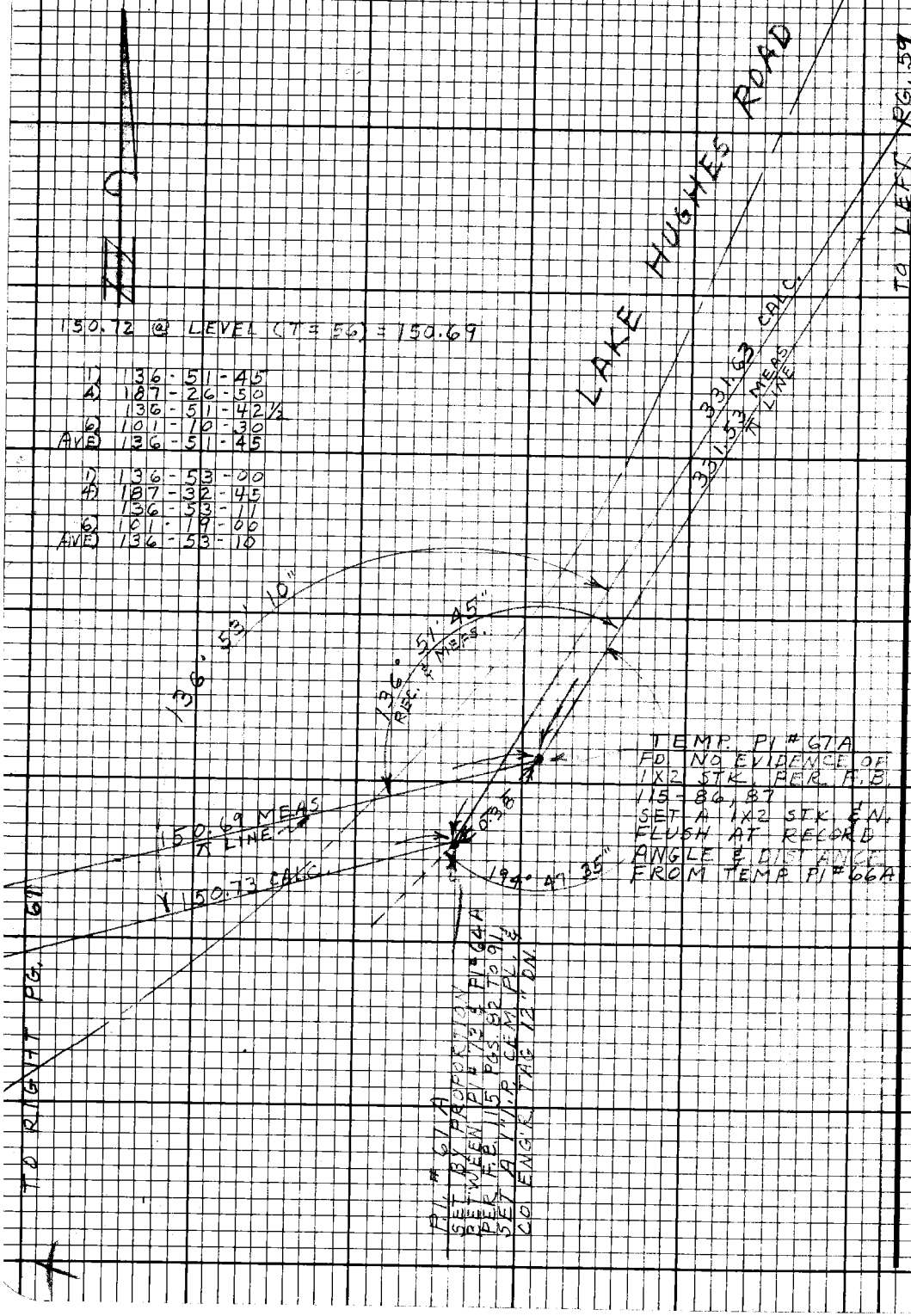
76F3098 CE#310 9-67

F.B. 3401 Pg 60



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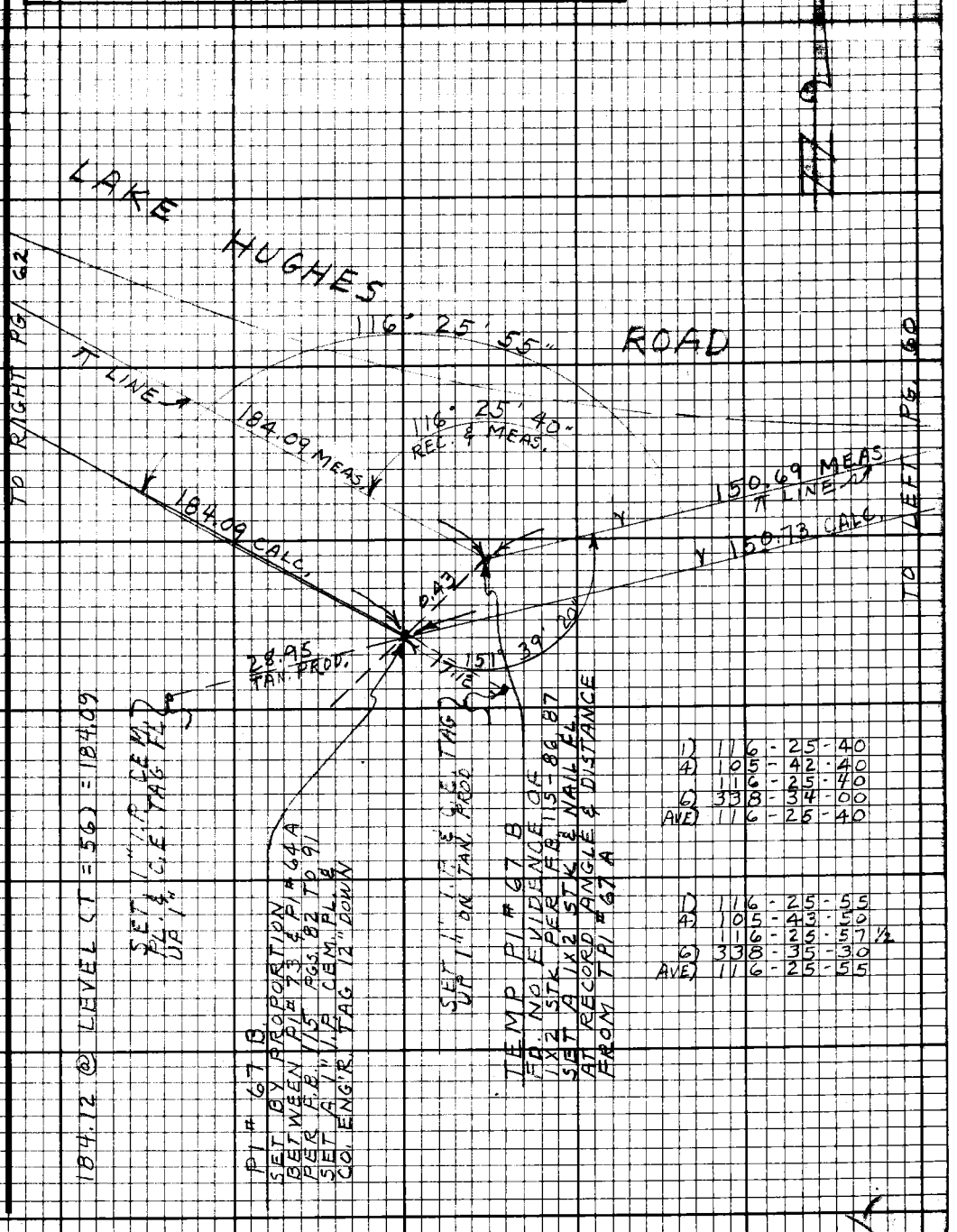
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of LK. HUGHES RD.
JN 0097.39 Tape 186 Std 84 °F
Surveyed by J. C. PIERCE
Notes J. C. PIERCE Date 1-26-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 61



1) 116-25-40
4) 105-42-40
116-25-40
6) 338-34-00
AVE) 116-25-40

1) 116-25-55
4) 105-43-50
116-25-57½
6) 338-35-30
AVE) 116-25-55

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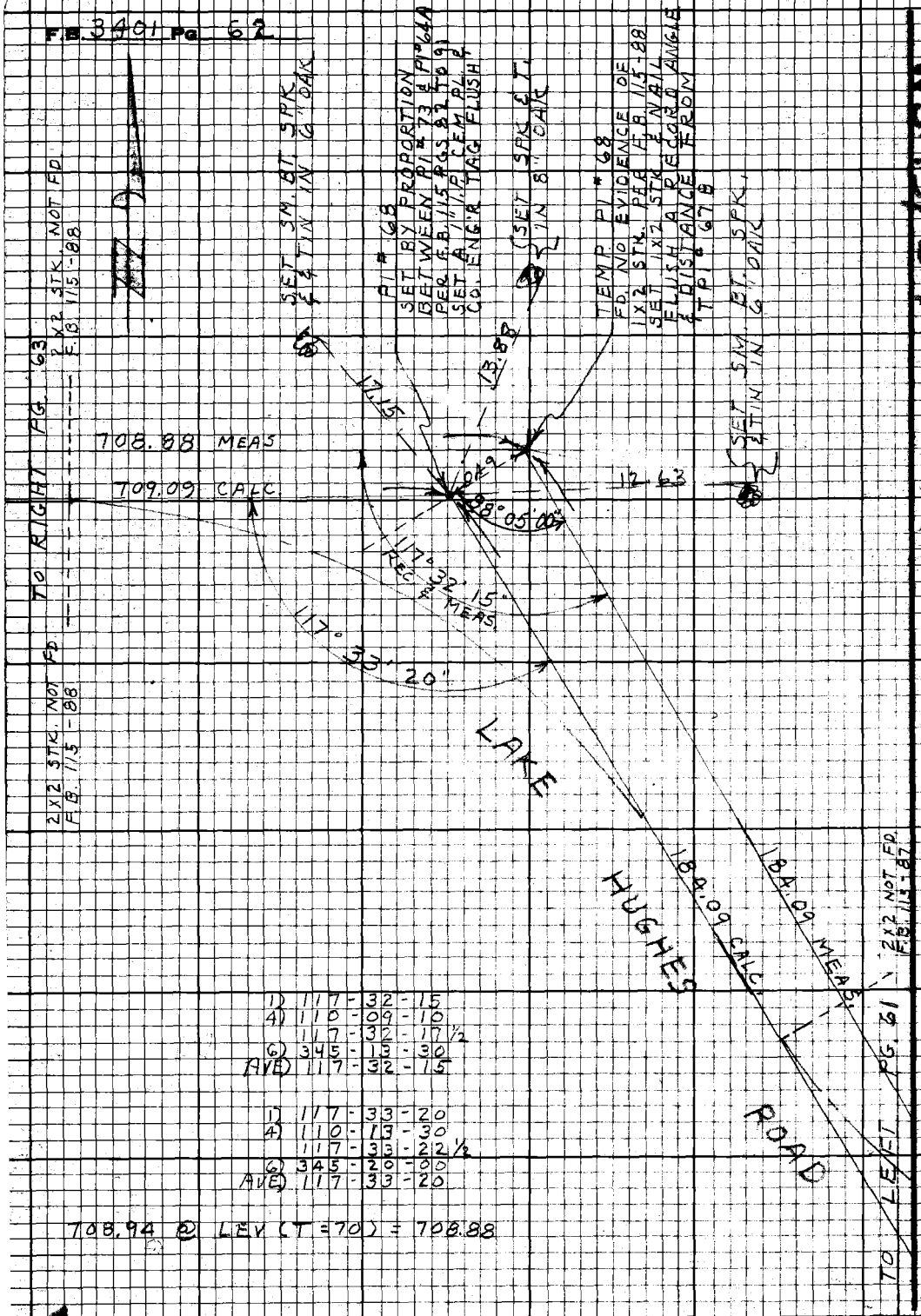
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9.67

F.B. 3401 Pg. 62



1) 117-32-15
4) 110-09-10
117-32-17½
6) 345-13-30
AVE) 117-32-15

1) 117-33-20
4) 110-13-30
117-33-22½
6) 345-20-00
AVE) 117-33-20

708.94 @ LEV (T=70) = 708.88

W.S. 73, C-6

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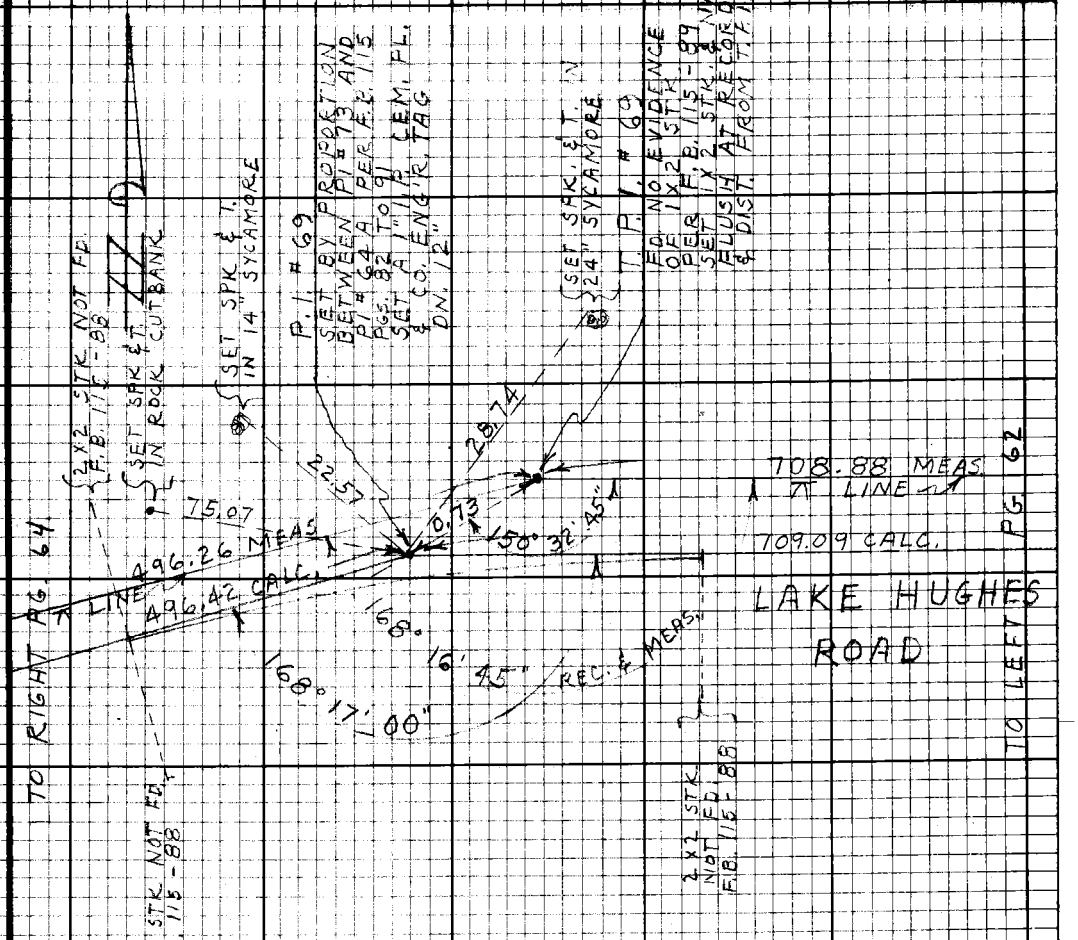
Notes Ck'd by	Survey of LK. HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 1-26-70
Date	Indexed G. D. BAILEY OCT 24 1970

F.B. 3401 Pg. 63



1) 168-16-45
4) 313-07-00
168-16-45
6) 289-40-30
AVE) 168-16-45

1) 168-16-55
4) 313-08-00
168-17-00
6) 289-42-00
AVE) 168-17-00

496.31 @ LEV (T = 70) = 496.26

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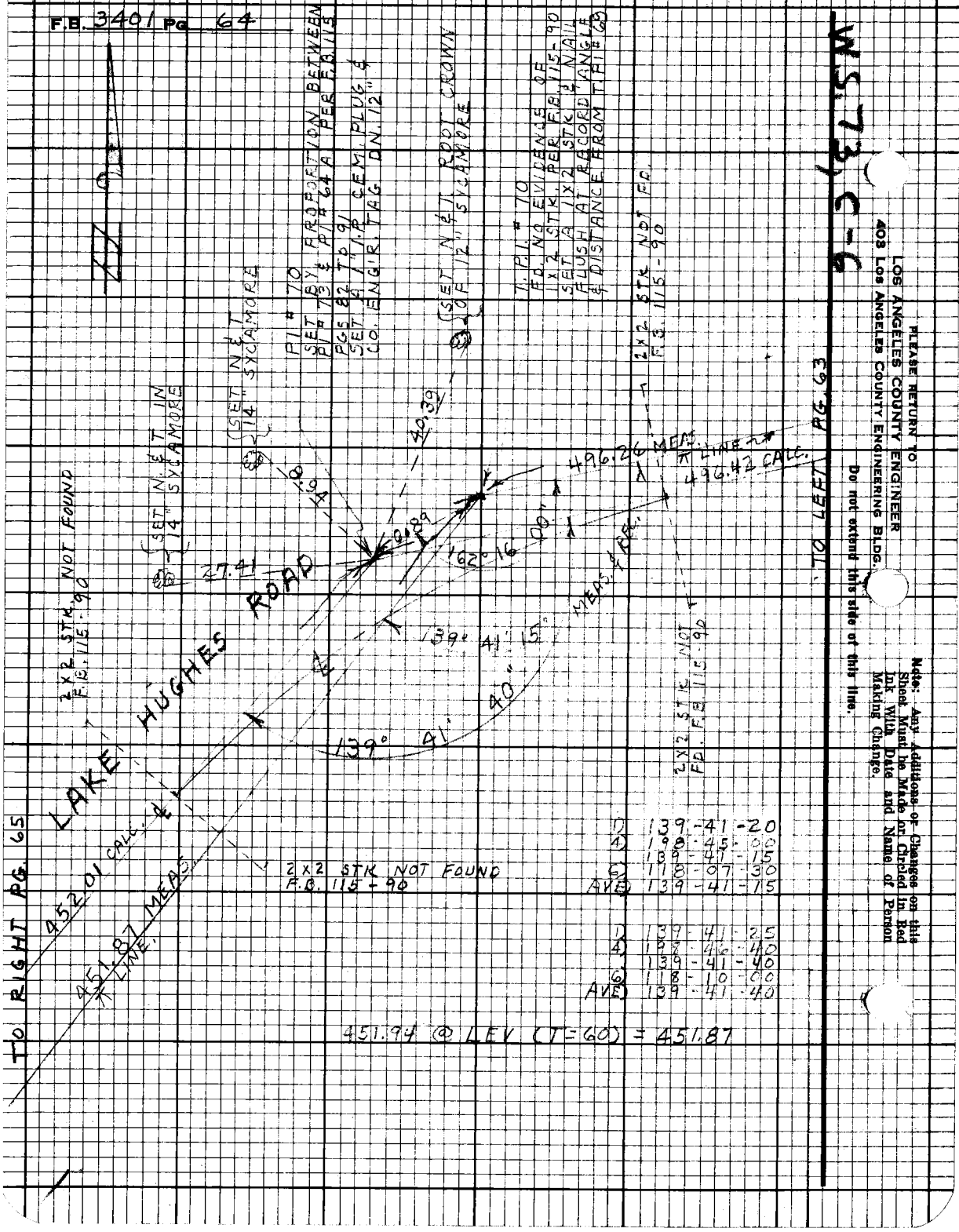
76F3098 CE#310 9-67


F.B. 3401 PG 64
W.S. 73, C-6
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.
TO LEFT PG. 63
TO RIGHT PG. 65
LAKE HUGHES ROAD
PI # 70
SET BY PROPORTION BETWEEN PI # 73 & PI # 64 A PER F.B. 115
PGS 82 TO 91
SET 9 1/2" I.P. CEM. PLUG & CO. ENG'R. TAG DN. 12"
SET N & T ROOT CROWN OF 12" SYCAMORE
T.P.I. # 70
FD. NO EVIDENCE OF 1x2 STK. PER F.B. 115-90
SET A 1x2 STK & NAIL FLUSH AT RECORD ANGLE & DISTANCE FROM T.P.I. # 69
2x2 STK NOT FD. F.B. 115-90
SET N & T IN 14" SYCAMORE
SET N & T 14" SYCAMORE
2x2 STK NOT FOUND F.B. 115-90
2x2 STK NOT FOUND F.B. 115-90
2x2 STK NOT FOUND F.B. 115-90
40.39
8.94
0.89
27.41
496.26 MEAS.
496.42 CALC.
π LINE
162° 16' 00"
139° 41' 15"
139° 41' 40"
MEAS. & REC.
452.01 CALC.
451.87 MEAS.
π LINE
1) 139-41-20
4) 198-45-00
139-41-15
6) 118-07-30
AVE) 139-41-15
1) 139-41-25
4) 198-46-40
139-41-40
6) 118-10-00
AVE) 139-41-40
451.94 @ LEV (T=60) = 451.87

76F3098 CE#310 9-67

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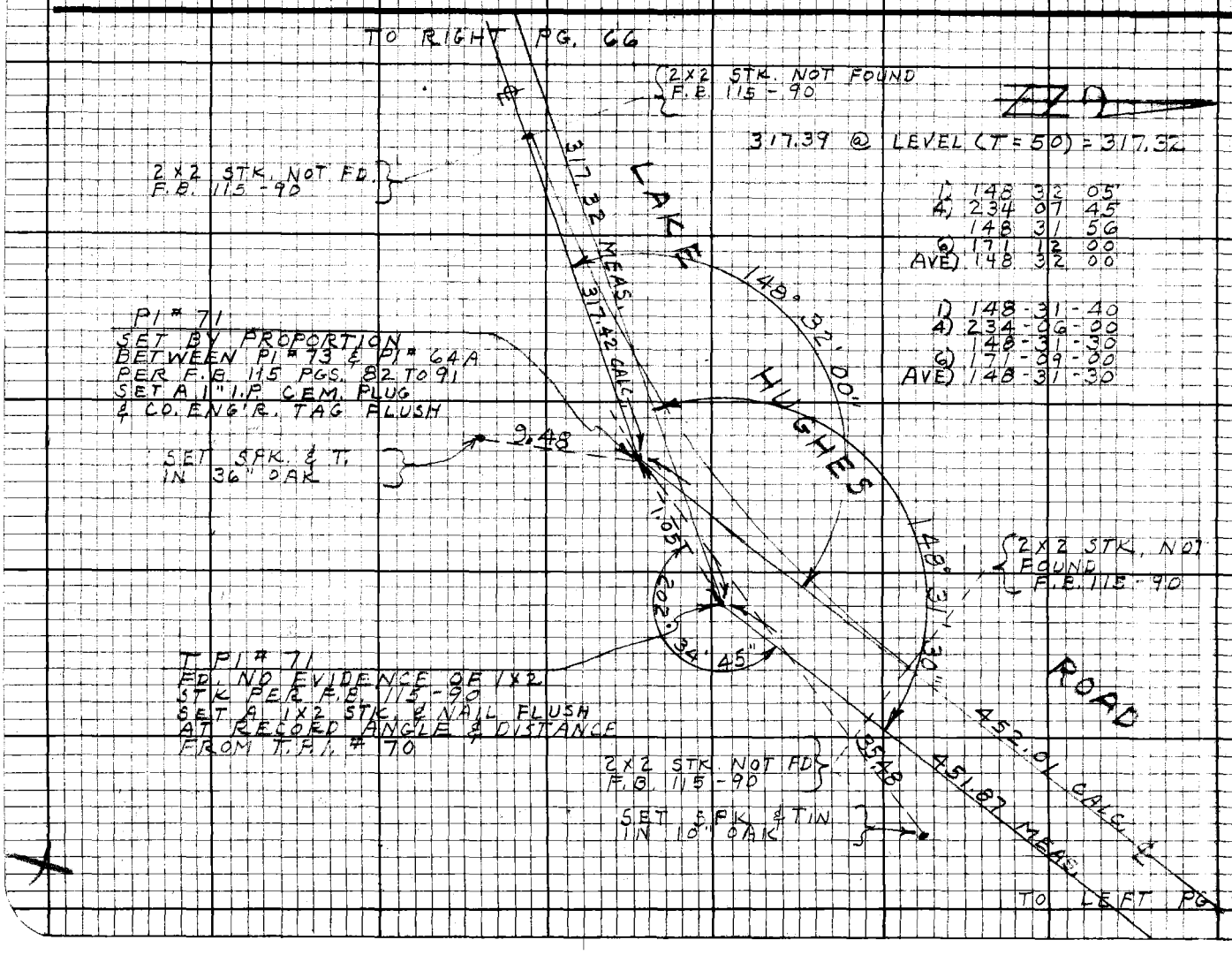
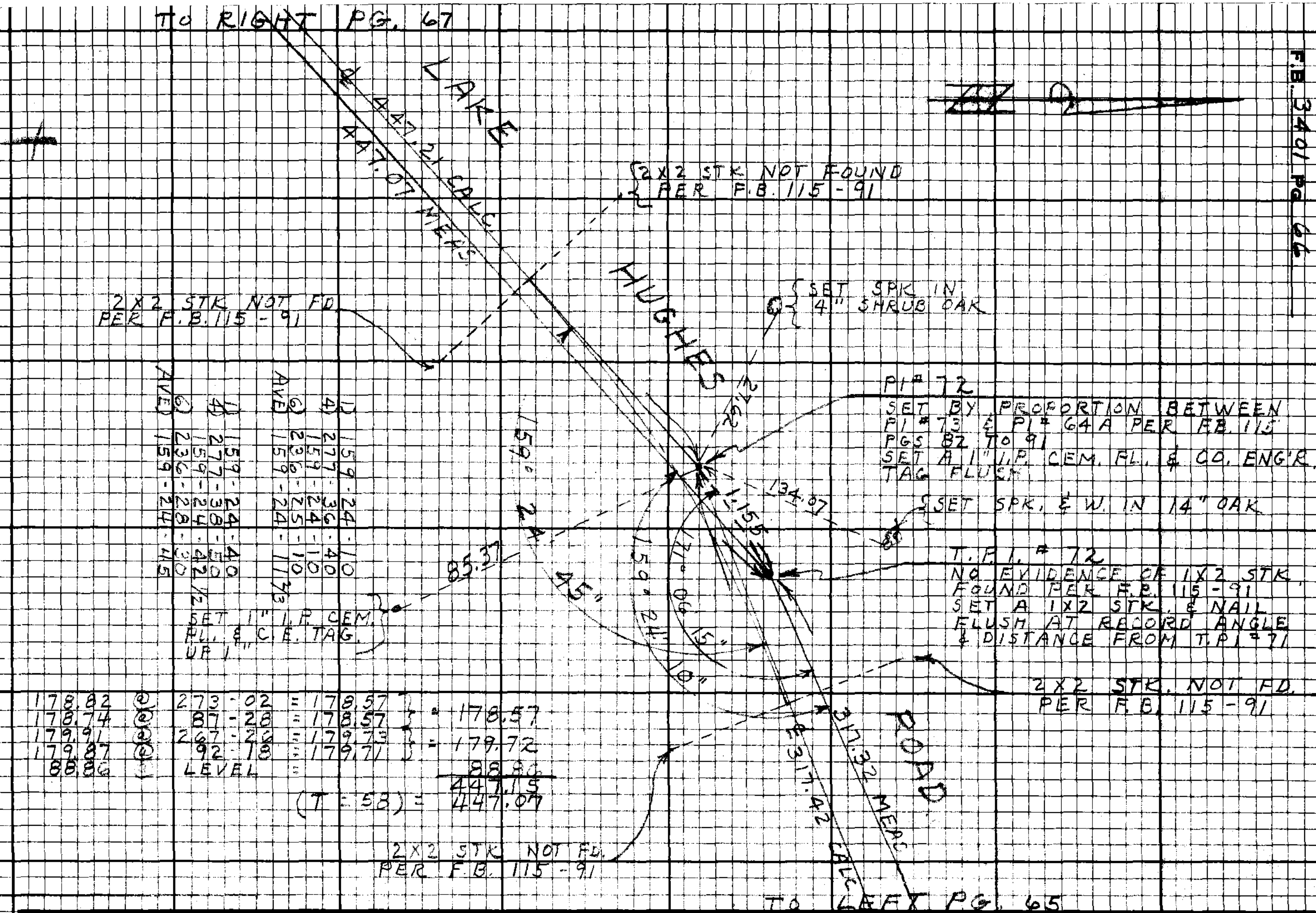


Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of LAKE HUGHES RD
JN 4097.39 Tape 180 Std 84°F
Surveyed by J.C. PEACE
Notes J.C.P. Date 1-27-70
Indexed D. BAILEY OCT 24 1973

F.B. 3401 PG. 65

F.B. 3401 PG 66



1)	159	24	10	
4)	277	36	40	
	159	24	10	
6)	236	25	10	
AVE)	159	24	11 1/3	

1)	159	24	40	
4)	277	38	50	
	159	24	42 1/2	
6)	236	28	30	
AVE)	159	24	45	

178.82	@	273-02	= 178.57	} = 178.57
178.74	@	87-28	= 178.57	
179.91	@	267-28	= 179.73	} = 179.72
179.87	@	92-18	= 179.71	
88.86	@	LEVEL	=	88.86
				447.15
			(T = 58) =	447.07

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405 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F3098 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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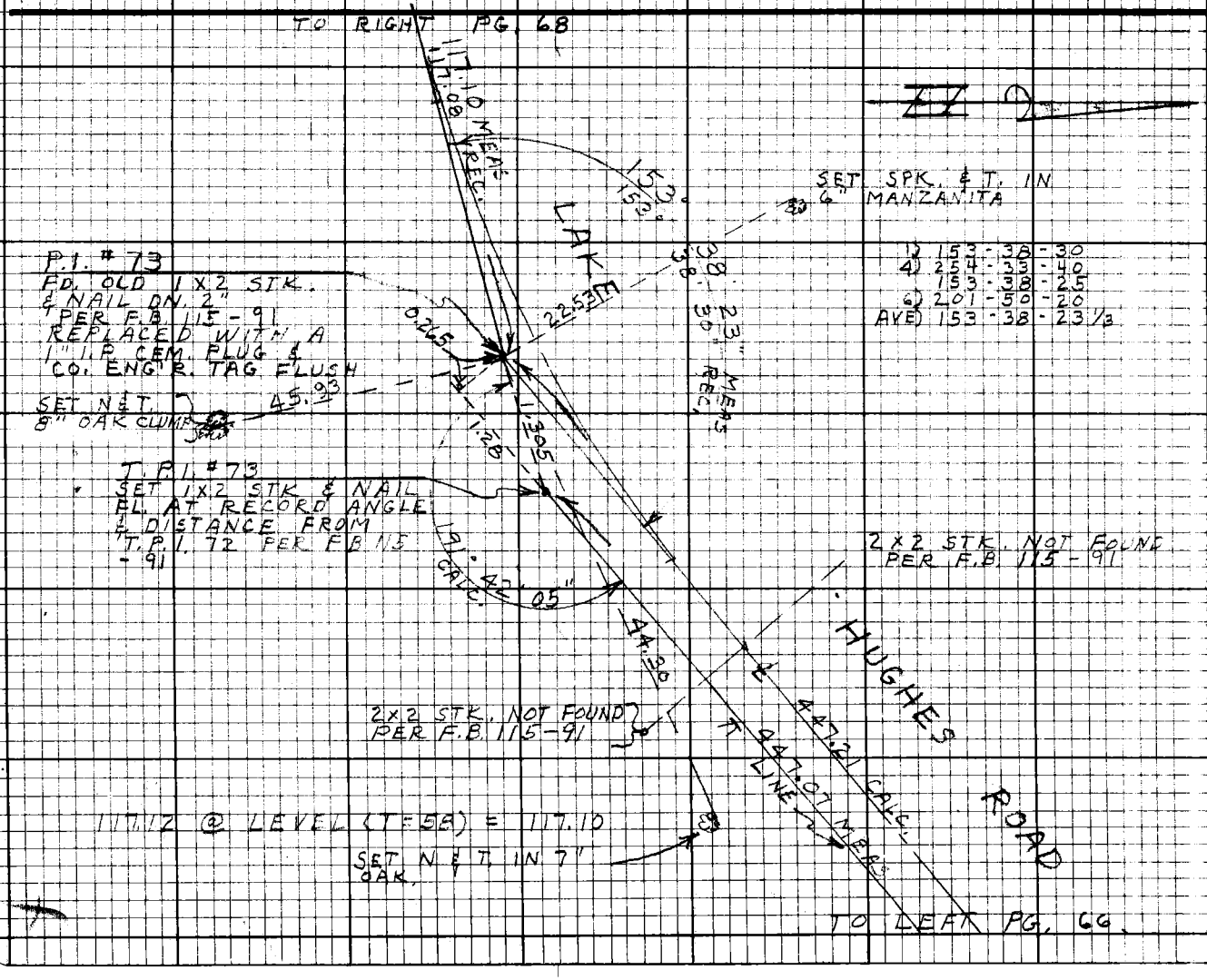
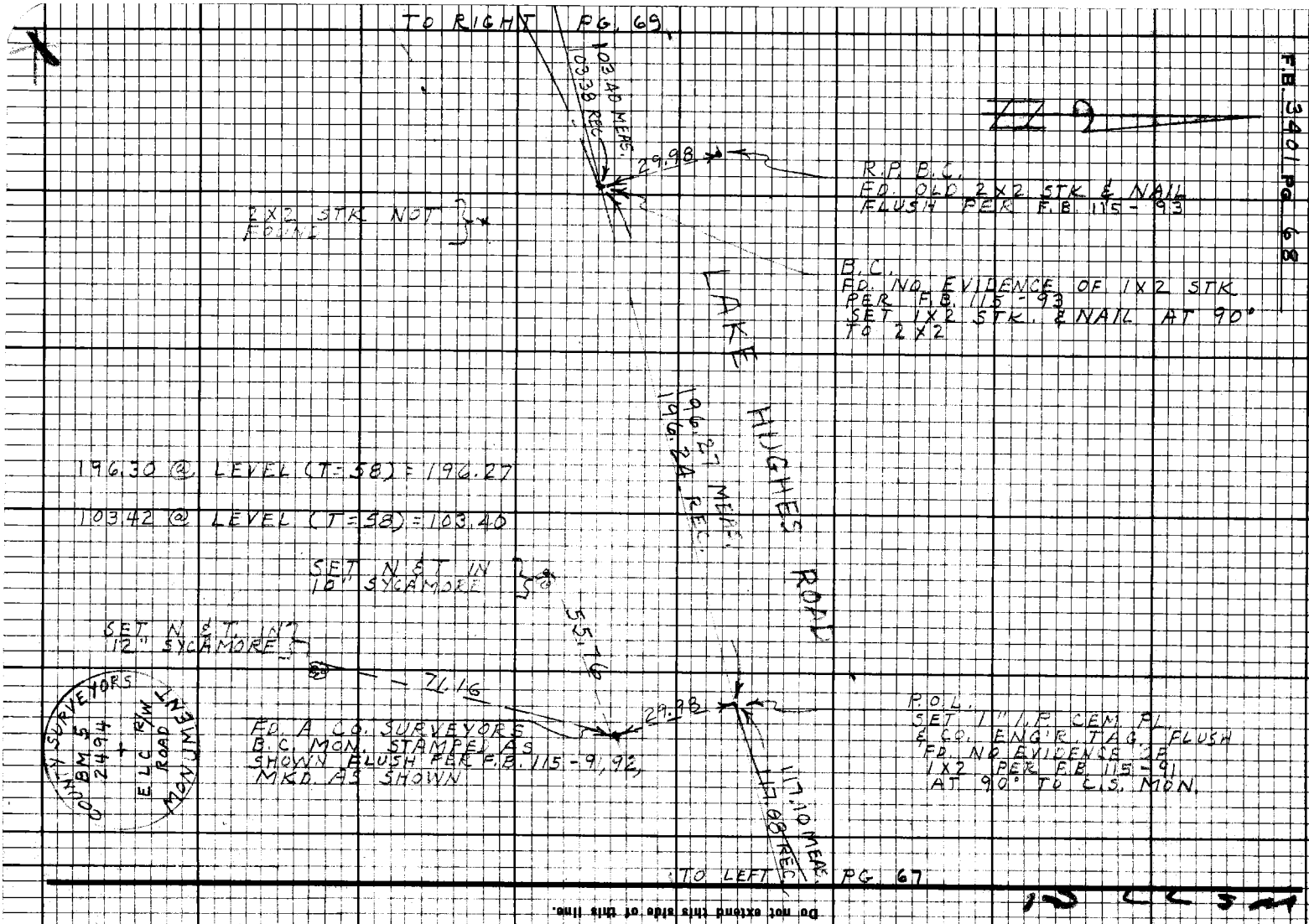


Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of LAKE HUGHES RD
JN 00973 Trape 186 Std 84 F
Surveyed by J. C. PIERCE
Notes J. C. PIERCE Date 1-27-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 67



PLEASE RETURN TO
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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.

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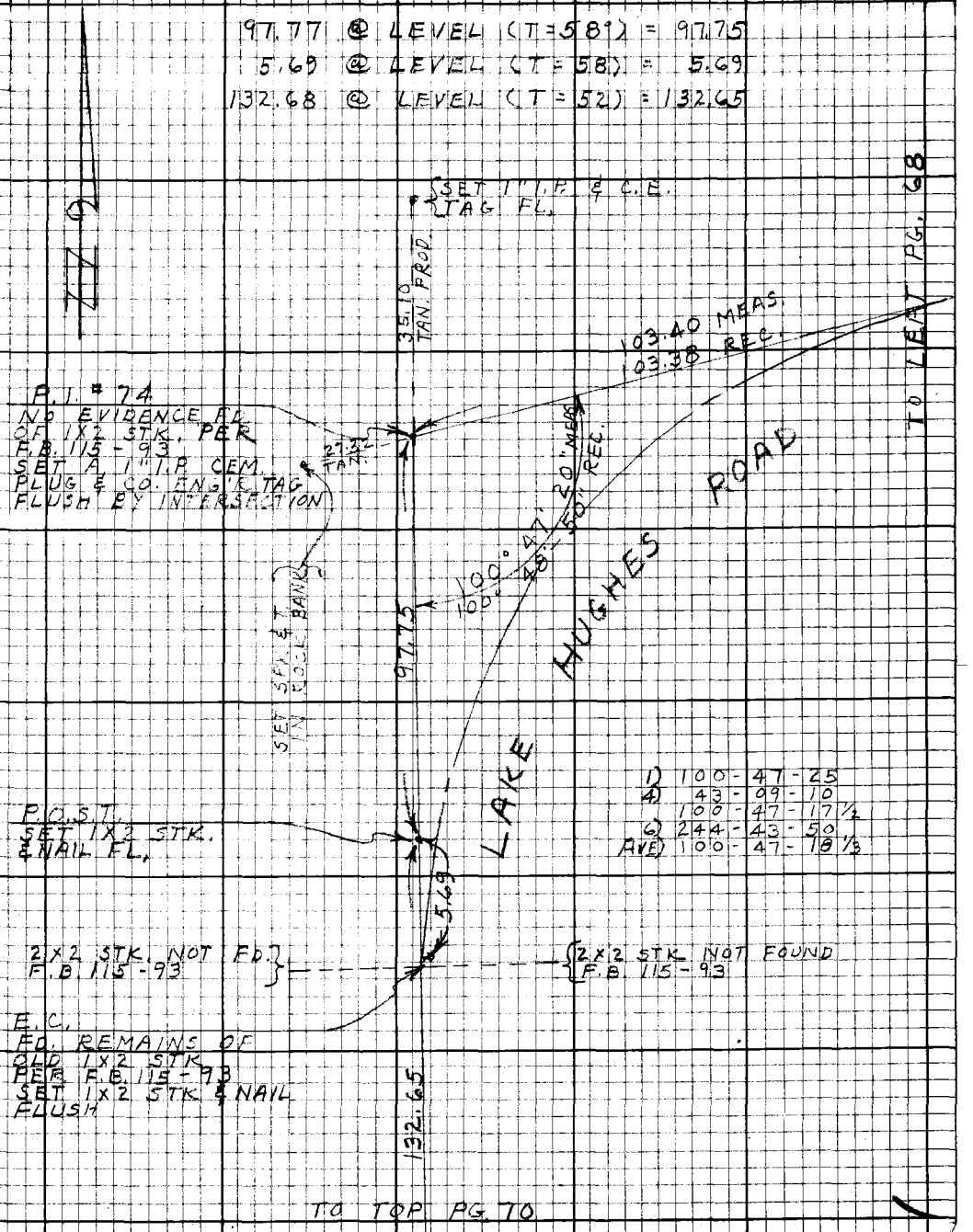
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0997.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 2-11-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 69

97.77 @ LEVEL (T=58°) = 97.75
5.69 @ LEVEL (T=58) = 5.69
132.68 @ LEVEL (T=52) = 132.65



1) 100-47-25
4) 43-09-10
100-47-17½
6) 244-43-50
AVE) 100-47-18⅓

W.S. 77 C-1

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

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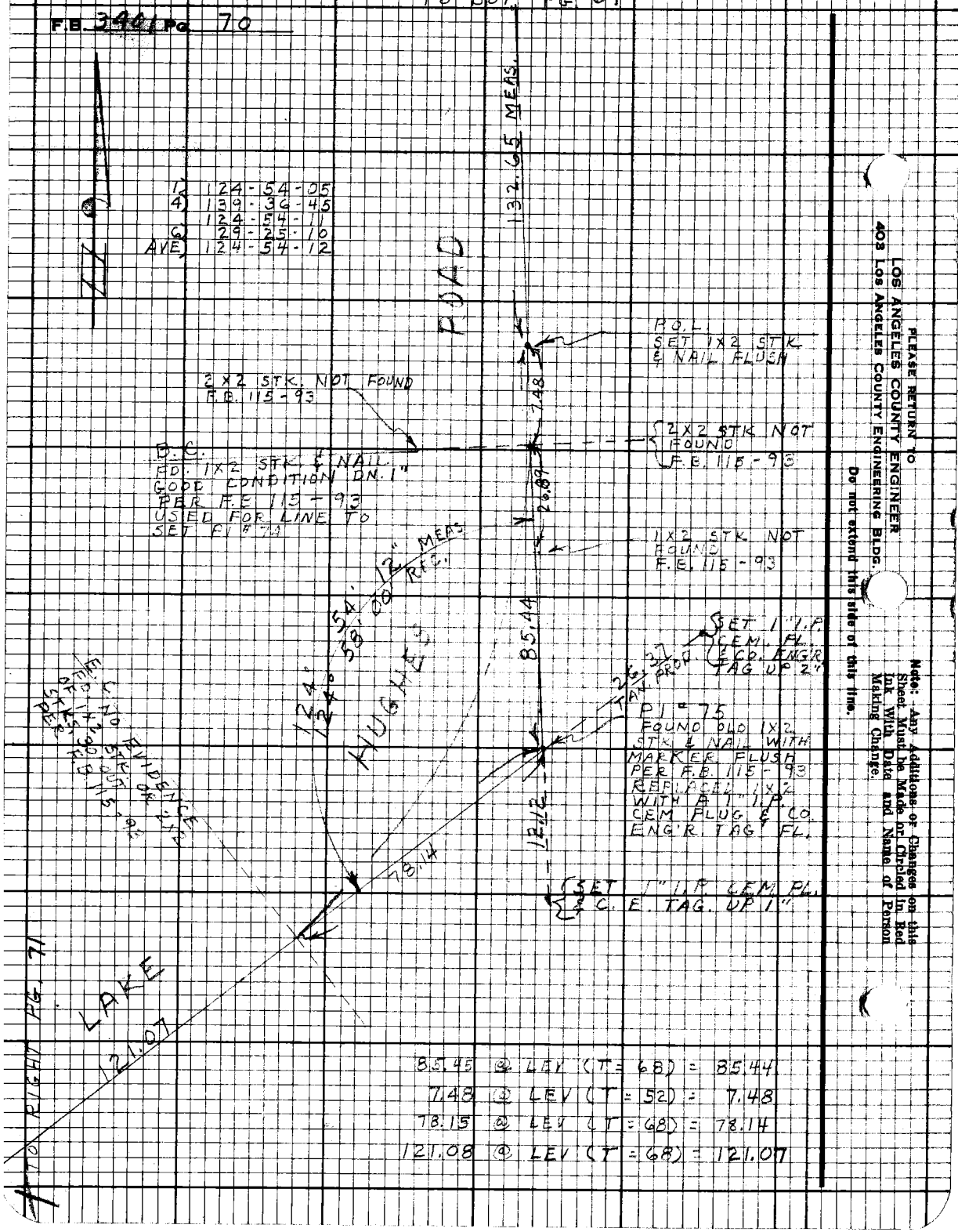
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 340 / Pg. 70

TO BOT. PG. 69



85.45 @ LEV (T = 68) = 85.44
7.48 @ LEV (T = 52) = 7.48
78.15 @ LEV (T = 68) = 78.14
121.08 @ LEV (T = 68) = 121.07

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75FR098 CE#310 9-67

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403 Los Angeles County Engineering Bldg.

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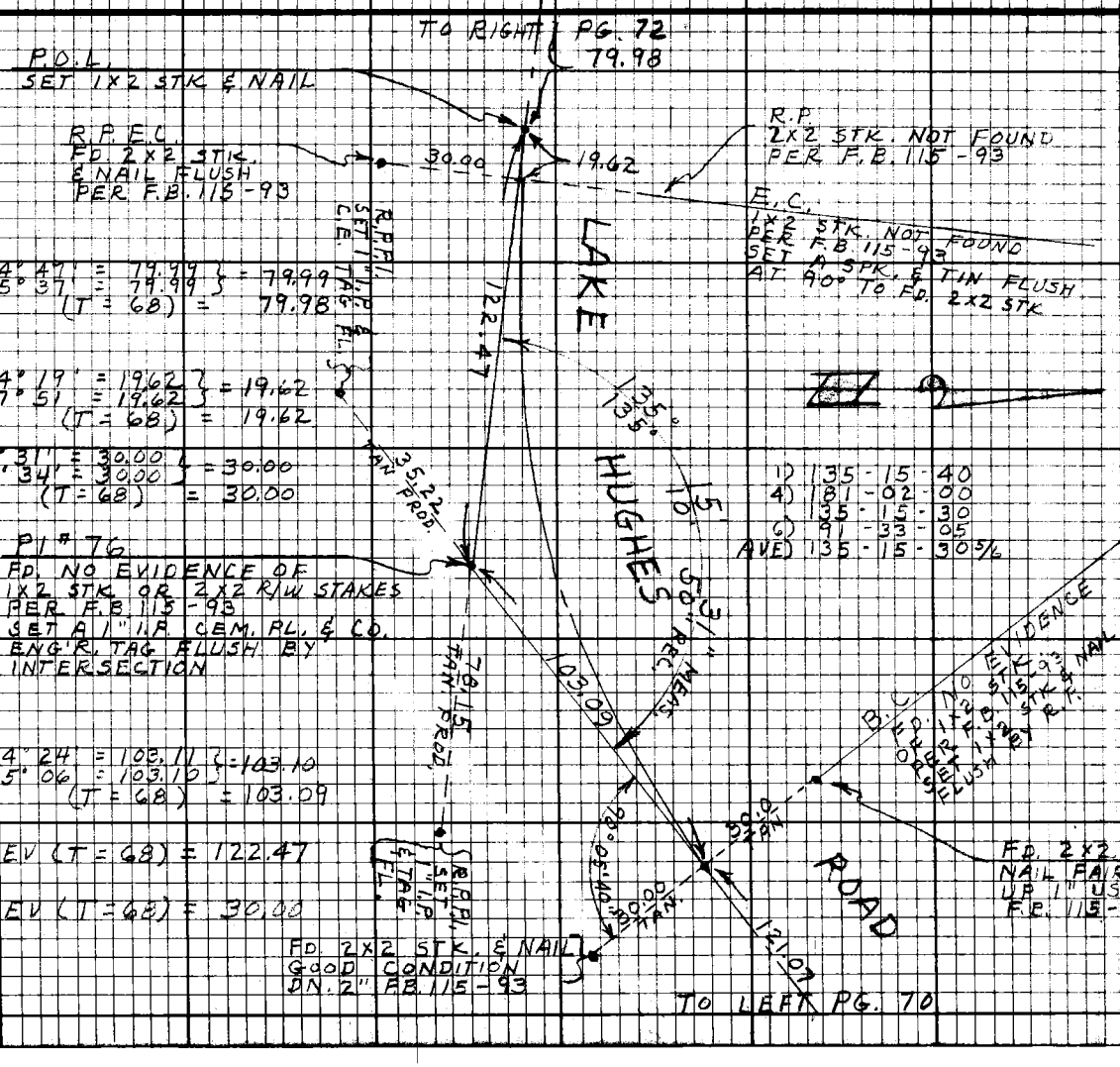
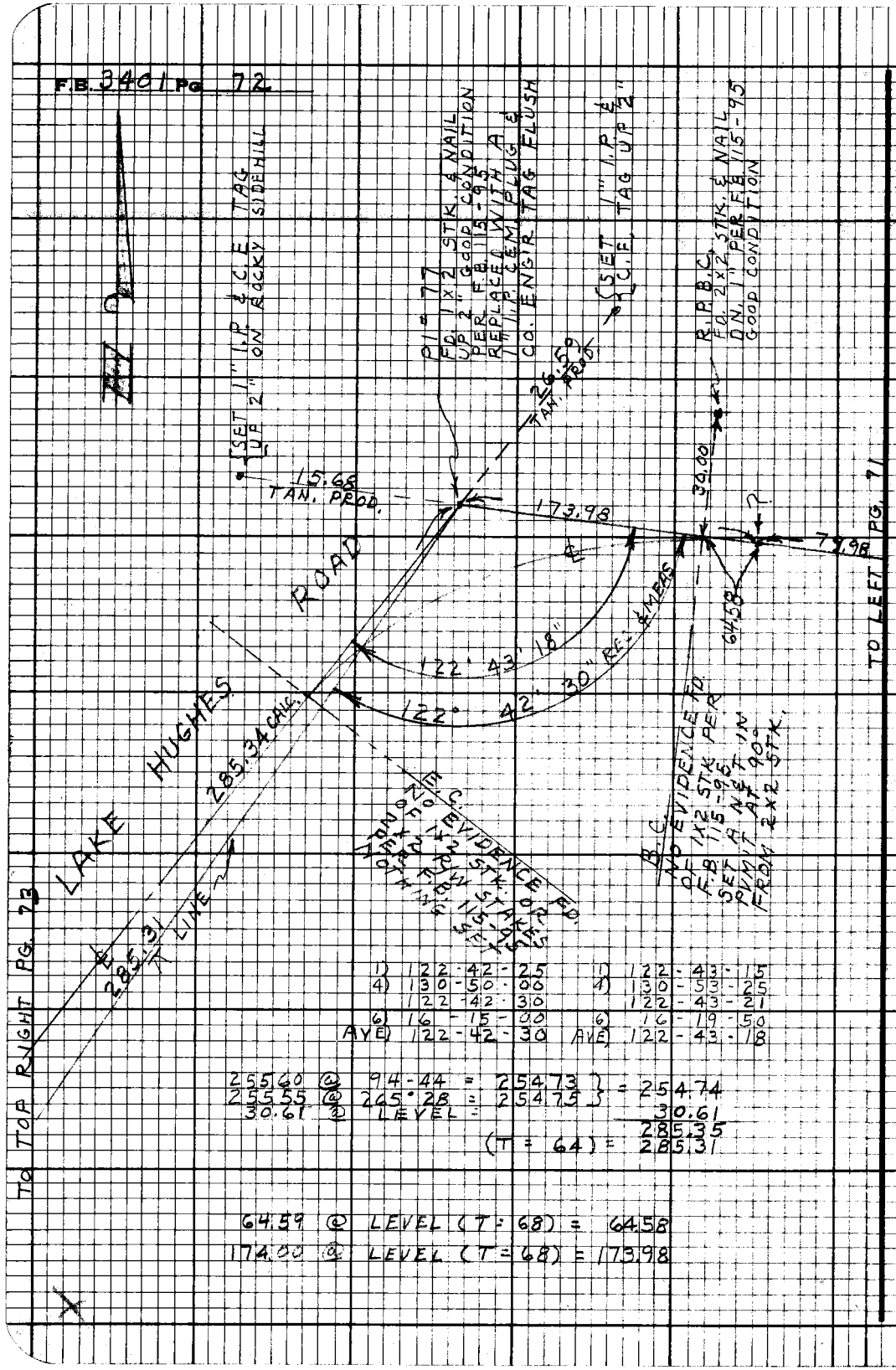


Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of LAKE HUGHES RD.
JN 0071.39 Trade 180 BM BY
Surveyed by J. C. PIERCE Date 2-25-70
Notes J. C. P. Indexed D. BAILEY OCT 24 1973

F.B. 3401 PG. 71

F.B. 3401 Pg. 72



1)	122-42-25	1)	122-43-15
4)	130-50-00	4)	130-53-25
	122-42-30		122-43-21
6)	16-15-00	6)	16-19-50
AVE)	122-42-30	AVE)	122-43-18

255.60 @ 94-44 = 254.73
255.55 @ 265°28 = 254.75 } = 254.74
30.61 @ LEVEL = 30.61
285.35
(T = 64) = 285.31

64.59 @ LEVEL (T = 68) = 64.58
174.00 @ LEVEL (T = 68) = 173.98

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403 Los Angeles County Engineering Bldg.

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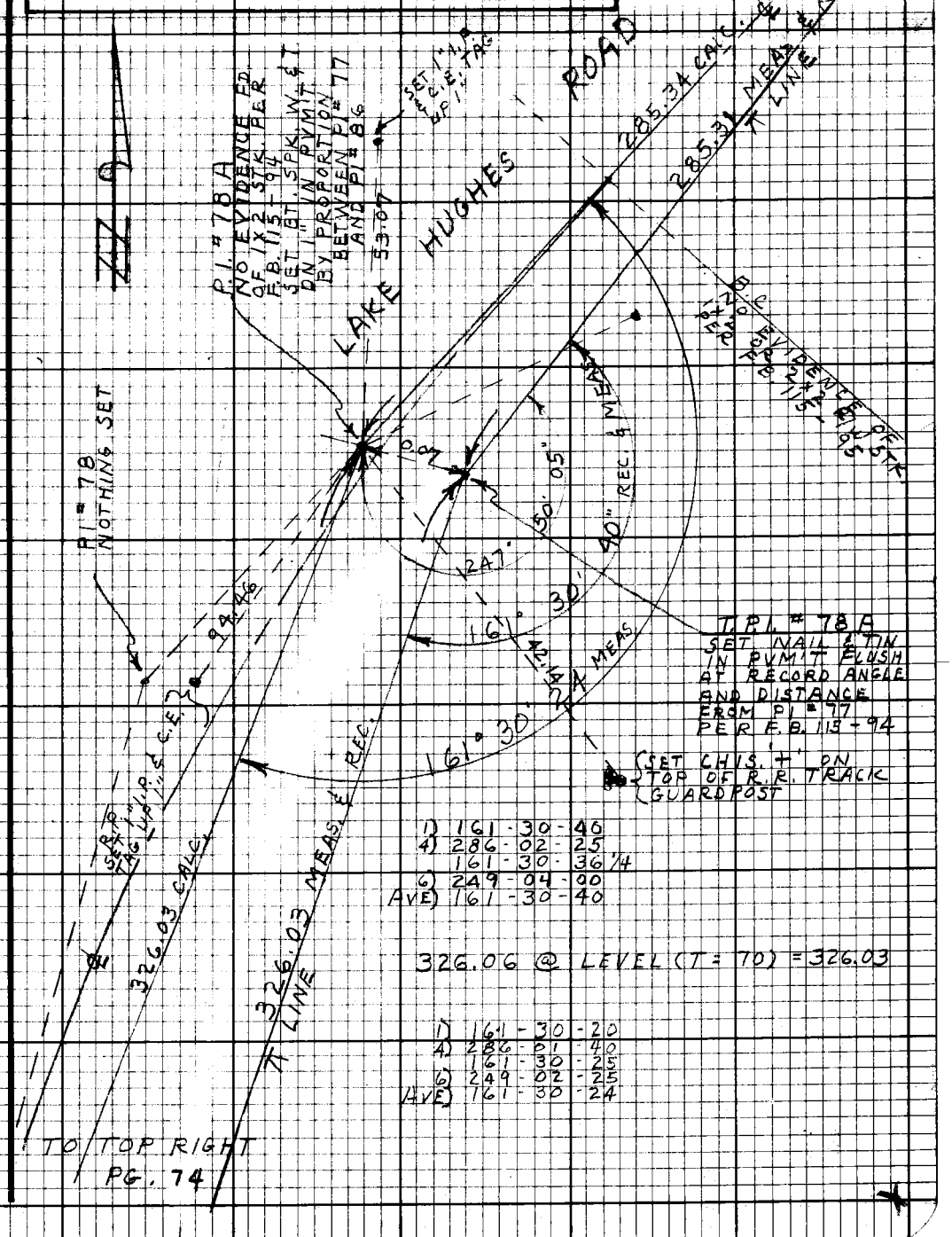
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by PIERCE
Checked	Notes J.C.P. Date 3-13-70
Date	Indexed D. BAILEY OCT 24 1973

F.B. 3401 Pg. 73

TO LOWER LEFT PG. 72



1) 161-30-40
4) 286-02-25
161-30-36 1/4
6) 249-04-00
AVE) 161-30-40

326.06 @ LEVEL (T = 70) = 326.03

1) 161-30-20
4) 286-01-40
161-30-25
6) 249-02-25
AVE) 161-30-24

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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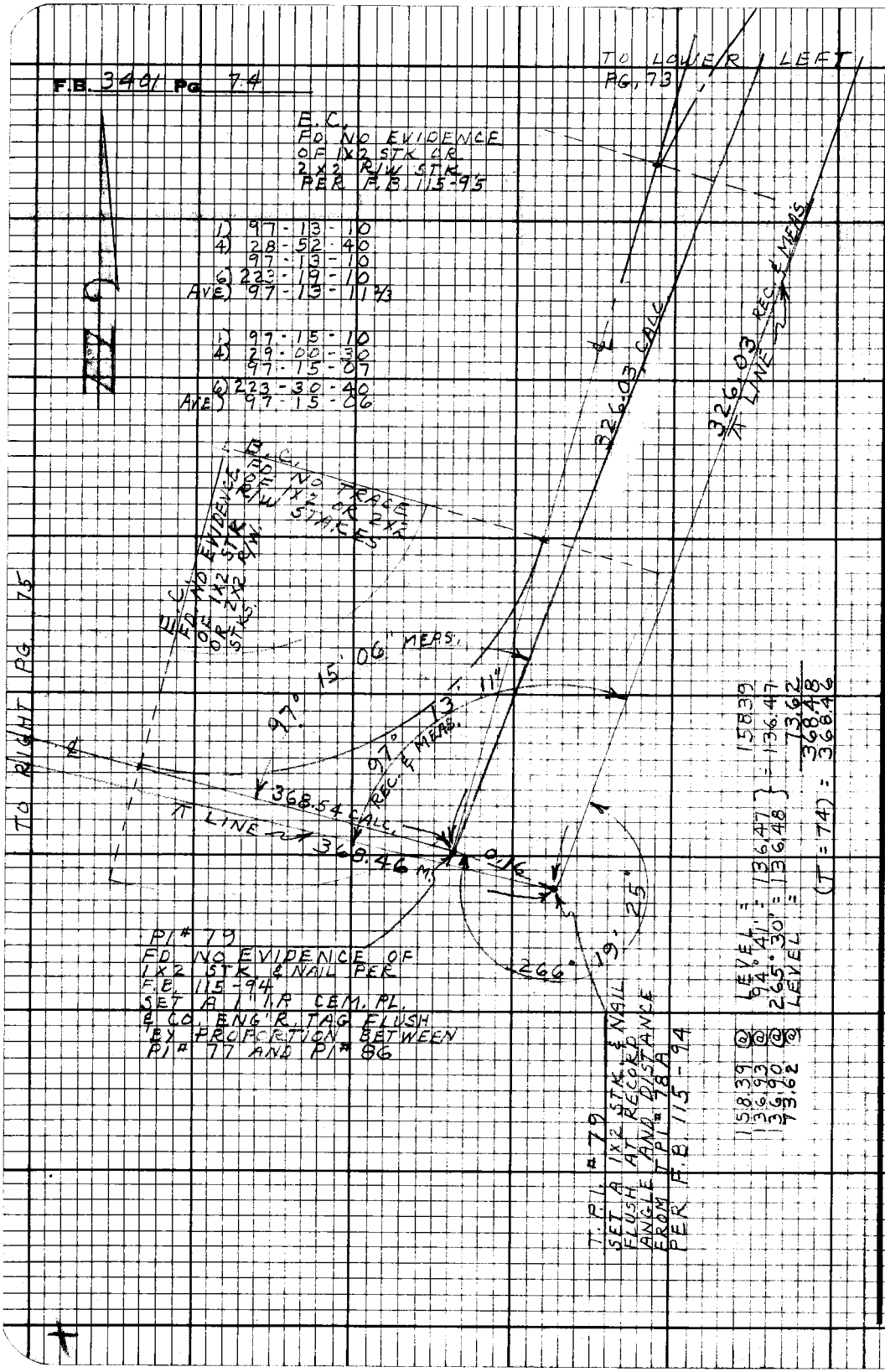
403 Los Angeles County Engineering Bldg.

75F3C98 CE #310 9-67

F.B. 3401 Pg 74



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 LK HUGHES RD.
Map No.	JN 0097.39 Tape 186 Sub 84 "F"
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C. PIERCE Date 3-14-79
Date	Indexed G. D. BAILEY OCT 24 1979

F.B. 3401 PG. 75

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

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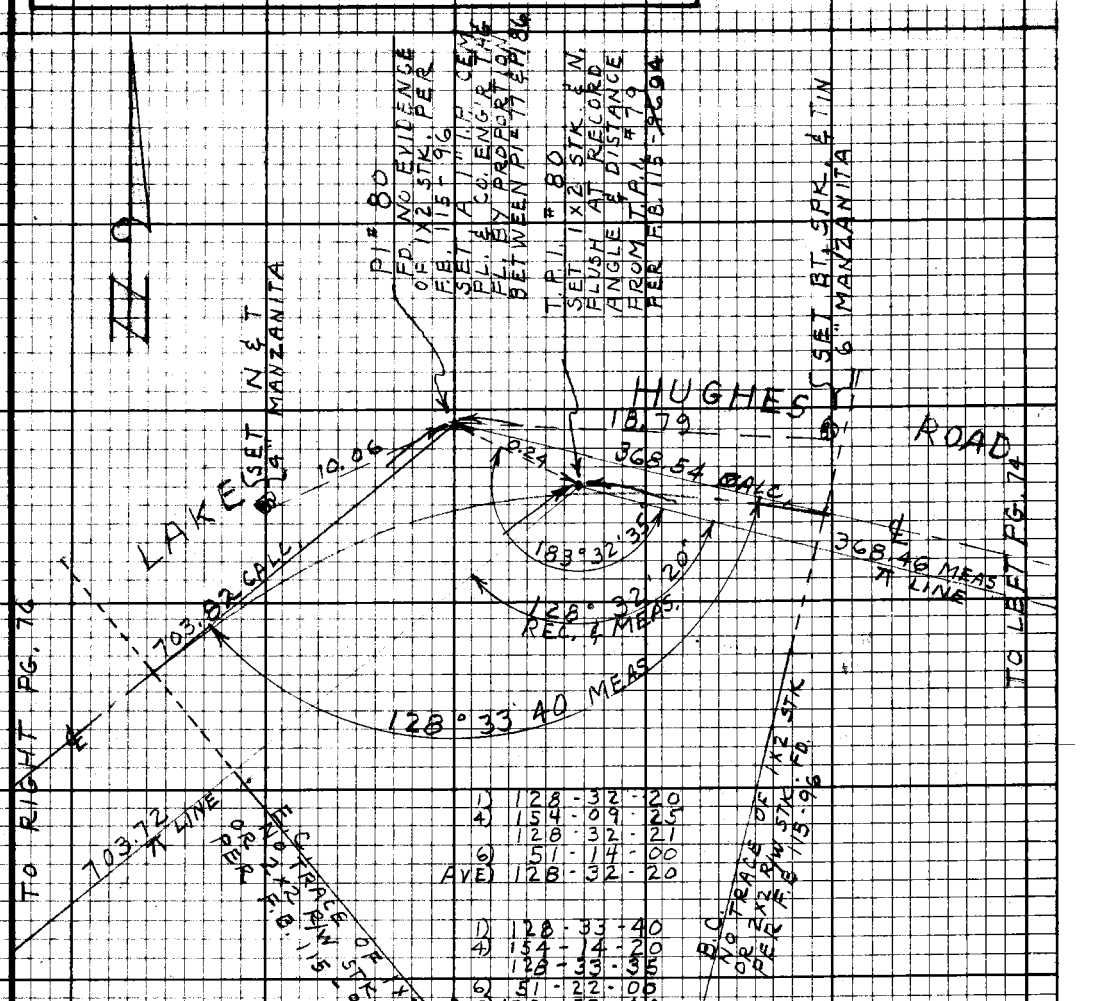
403 LOS ANGELES COUNTY ENGINEERING BLDG.

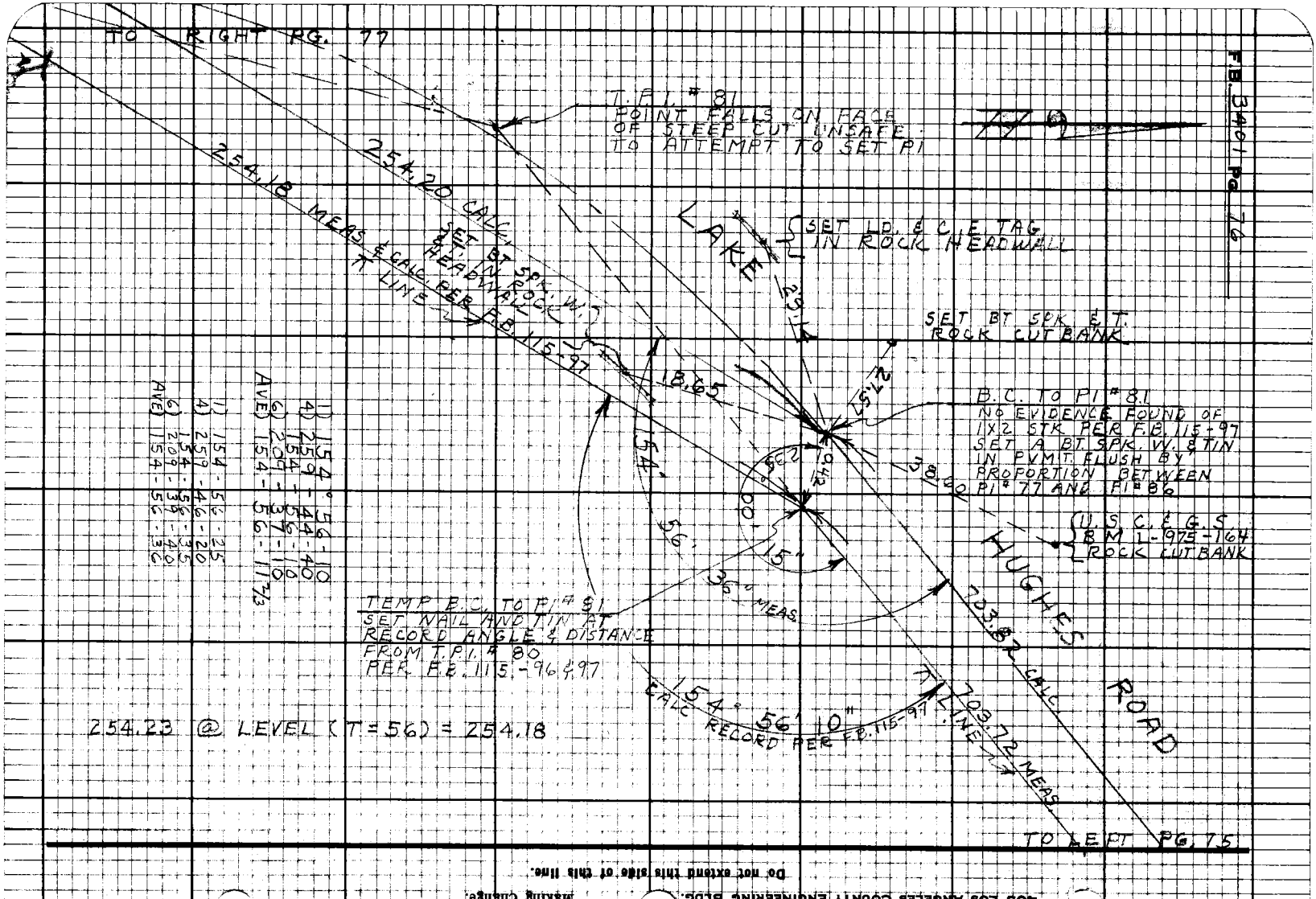


1)	128	32	20	
4)	154	09	25	
	128	32	21	
6)	51	14	00	
AVE)	128	32	20	

1)	128	33	40	
4)	154	14	20	
	128	33	35	
6)	51	22	00	
AVE)	128	33	40	

300.86	@	263° 46'	=	299.08	} = 299.07
300.77	@	96° 07'	=	299.06	
404.68	@	LEVEL	=		404.68
					703.75
				(T = 78) =	703.72

7REPORD GE#310 R-67



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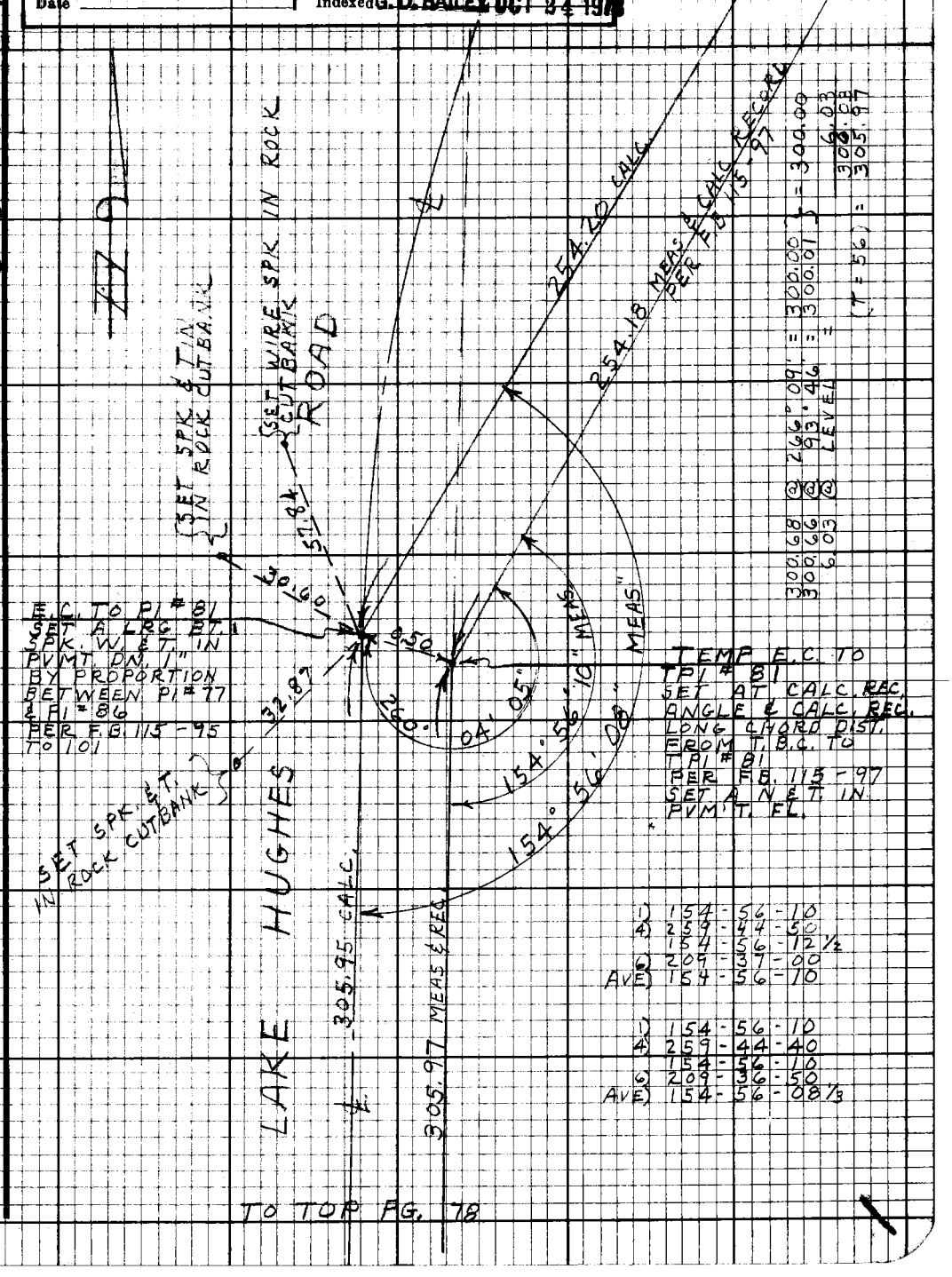
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 3-19-70
Date	Indexed G. D. BAILEY OCT 24 1978

F.B. 3401 Pg. 77

TO BOT PG. 76



TO TOP PG. 78

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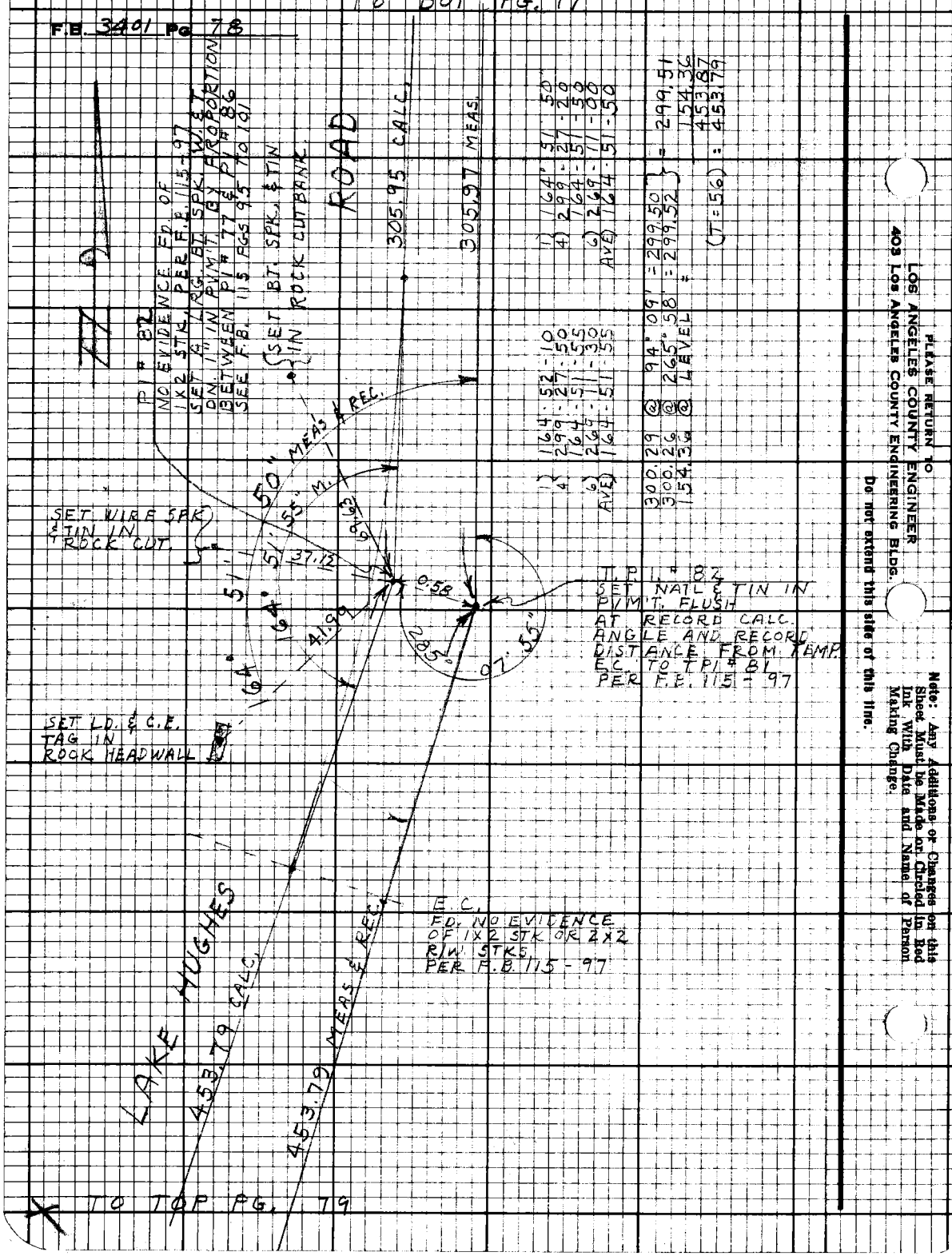
75F3098 CE # 310 9-67

F.B. 3401 Pg 78



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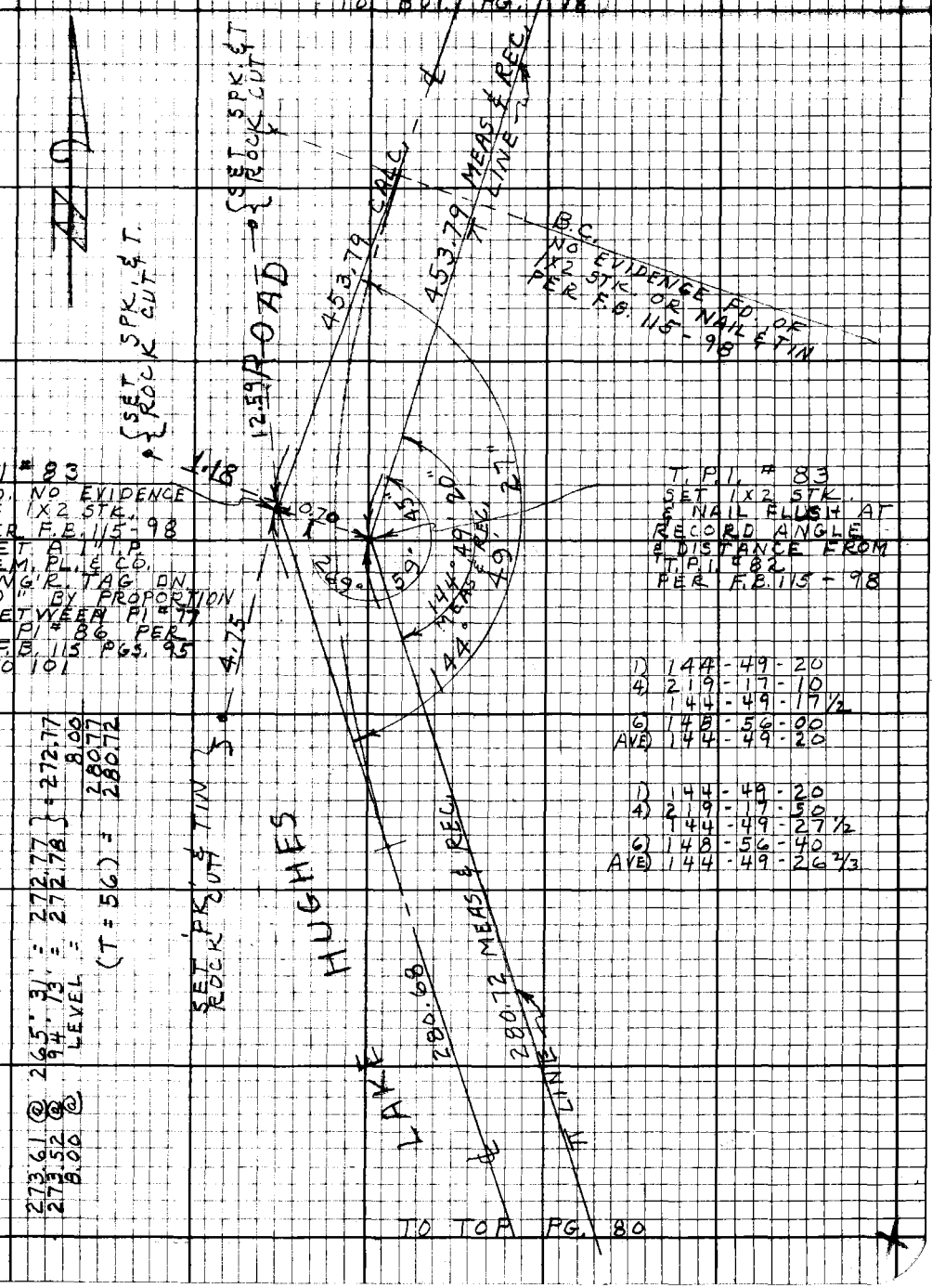
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 4097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 3-19-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 79

TO BOT. PG. 78



1) 144-49-20
4) 219-17-10
144-49-17½
6) 148-56-00
AVE) 144-49-20

1) 144-49-20
4) 219-17-50
144-49-27½
6) 148-56-40
AVE) 144-49-26⅔

273.61 @ 265°31' = 272.77
273.52 @ 94°13' = 272.78 } = 272.77
8.00 @ LEVEL = 8.00
(T = 56) = 280.77
280.72

TO TOP PG. 80

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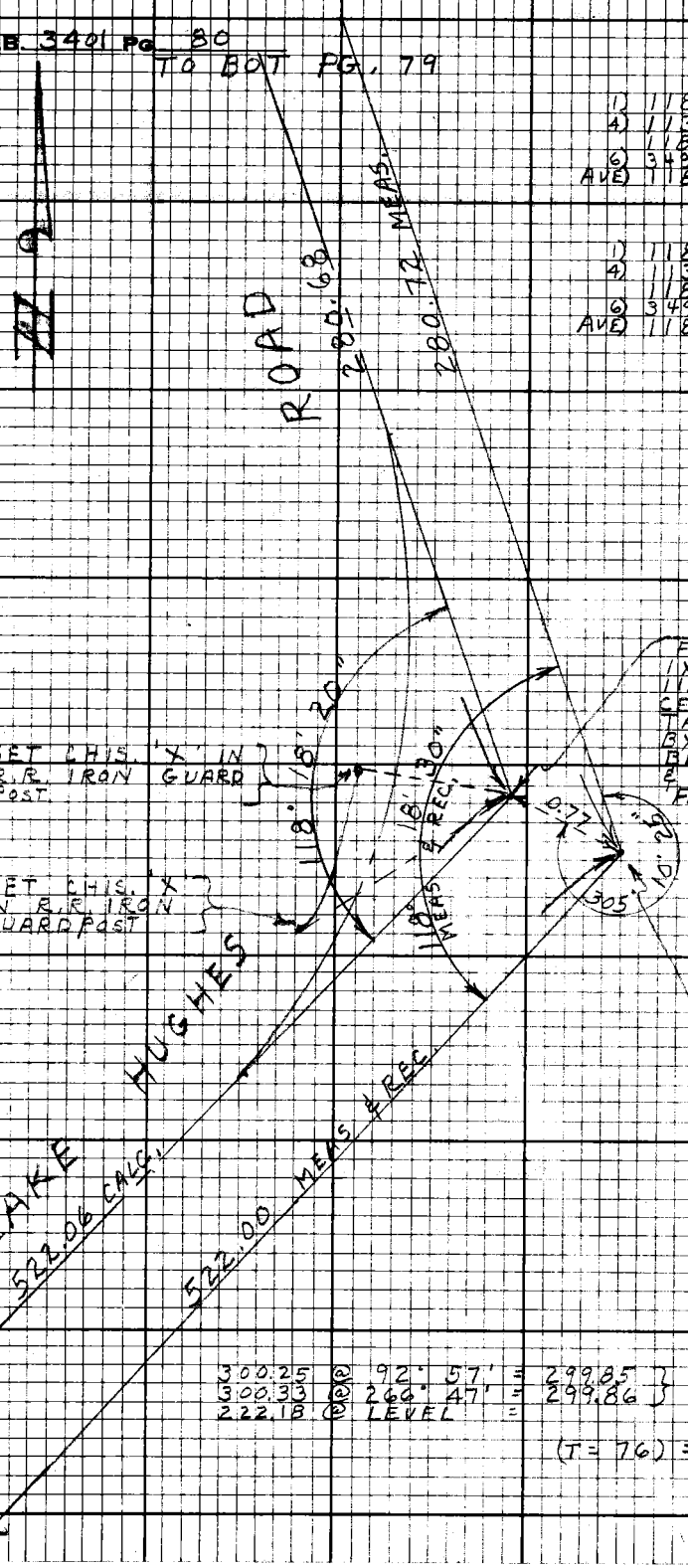
75F3098 CE # 310 9-67

F.B. 3401 Pg. 80

TO BOT PG. 79

1)	118	18	30
4)	113	14	10
	118	18	32½
6)	349	51	10
AVE)	118	18	31⅔

1)	118	18	30
4)	113	13	15
	118	18	18¾
6)	349	50	00
AVE)	118	18	20



300.25	@	92° 57'	=	299.85	} = 299.85
300.33	@	266° 47'	=	299.86	
222.18	@	LEVEL	=		222.18
				(T = 76) =	522.03
					522.00

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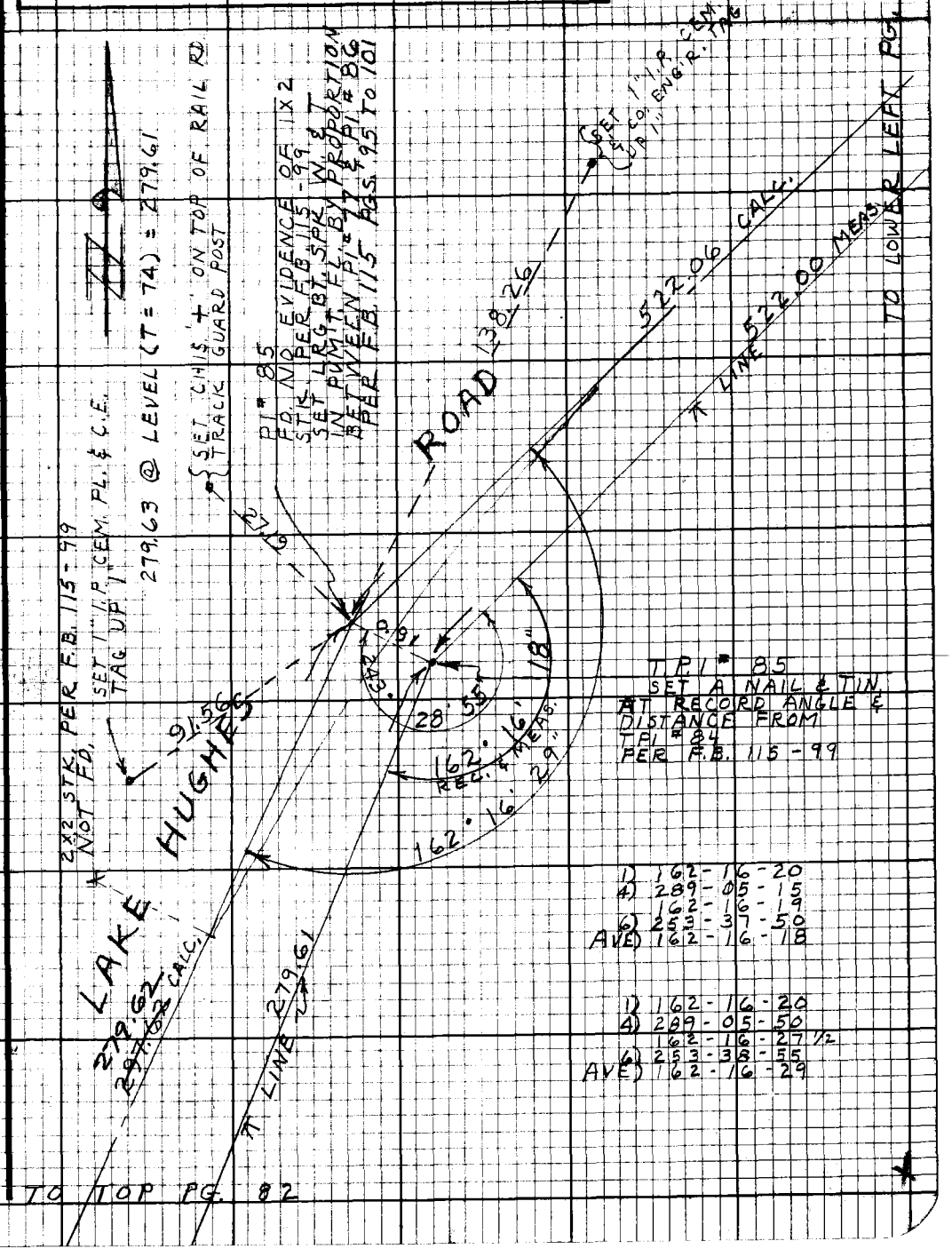
Office Work
Checked
Date

Survey of LK. HUGHES RD.
JN 0097.39 Tape 186 Std 84 °F
Surveyed by J. C. PIERCE
Notes J. C. P. Date 3-23-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 81



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76F3098 CE #310 9-67

F.B. 3401 Pg. 82

255.66 @ 287° 19' = 244.07
255.18 @ 73° 03' = 244.09 } = 244.08
(T = 90) = 244.09

122.23 @ 247° 33' = 112.97
122.53 @ 112° 47' = 112.97 } = 112.97
2.77 @ LEVEL = 2.77
(T = 84) = 115.74

1.30 @ LEVEL (T = 84) = 1.30

N

ROAD

℄ 279.62 CALC.

TO BOT PG. 81

℄ 279.61 ℄ LINE

SET 1" I.P. & ENG'R. TAG

PI # 86
FD. OLD ROTTED 1X2 STK. NO TRACE OF NAIL FL. PER F.B. 115-101 AS I AM NOT CERTAIN IF I HAVE FOUND THE REMAINS OF THE PI OR ITS MARKER STAKE I CONTINUE THE TRANSIT LINE TO PI # 87 WHERE EVIDENCE FD. INDICATES THIS PT IS THE PI. SO I USE THIS PT. TO SET P.I. # 78 THROUGH 85 BY PROPORTION. REPLACED OLD 1X2 WITH A 1" I.P. CEM. PL. & CO. ENG'R TAG FLUSH

12.77 ℄

9.98

9.91

0.13

261° 12' 35" CALC.

MEAS.

T.P.I. # 86
SET 1X2 STK. & N. FLUSH AT RECORD ANGLE & DIST. FROM T.P.I. # 85 PER F.B. 115-99.

2.01 TAN FROM

05

59°

159° 11' 40" MEAS & RECORD

1) 159-11-40
4) 276-46-30
159-11-35
6) 235-09-50
AVE) 159-11-38½

HUGHES

℄ 244.29 CALC.

244.09 ℄ LINE

P.O.T.
SET 1" I.P. CEM. PL. & C.E. TAG FLUSH (WIGGLE PT.)

P.O.L.
SET 1X2 STK & NAIL FL.

PI # 87A
FD. NO EVIDENCE OF 1X2 STK. PER F.B. 115 PG. 100 NOTHING SET

LAKE

1.01

115.52 CALC.

1.30

115.74

1) 159-12-05
4) 276-48-20
159-12-05
6) 235-12-00
AVE) 159-12-05

TO TOP PG. 83

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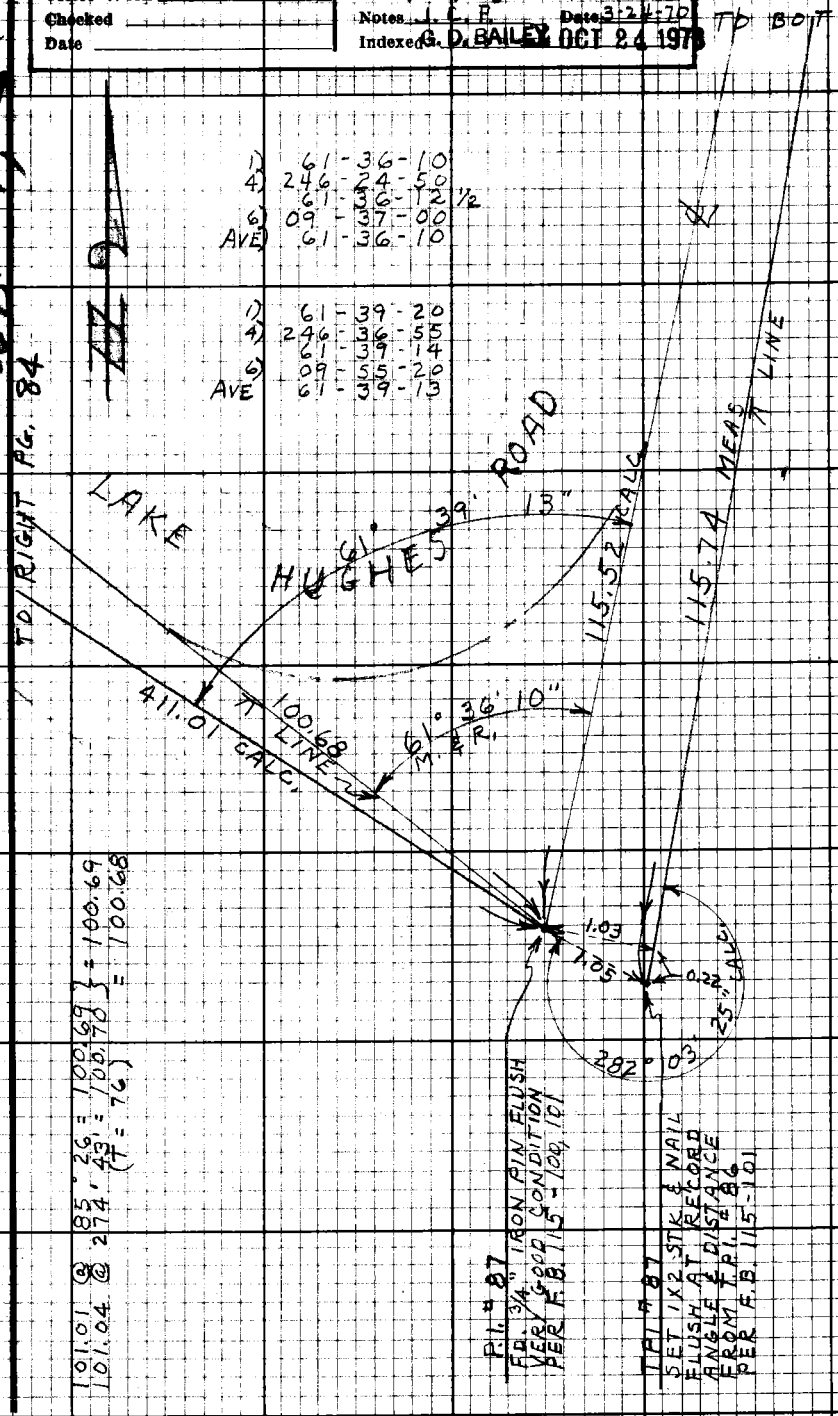
Notes Ck'd by	Survey of LK. HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 3-24-70
Date	Indexed G. D. BAILEY OCT 24 1978

F.B. 3401 PG. 83

W.S. 77, C-1



101.01 @ 85° 26' = 100.69 } = 100.69
101.04 @ 274° 43' = 100.70 } = 100.68
(T = 76)

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75F3C98 CE #310 9-67

TO RIGHT PG. 85

44.97 @ LEVEL (T = 78) = 44.97

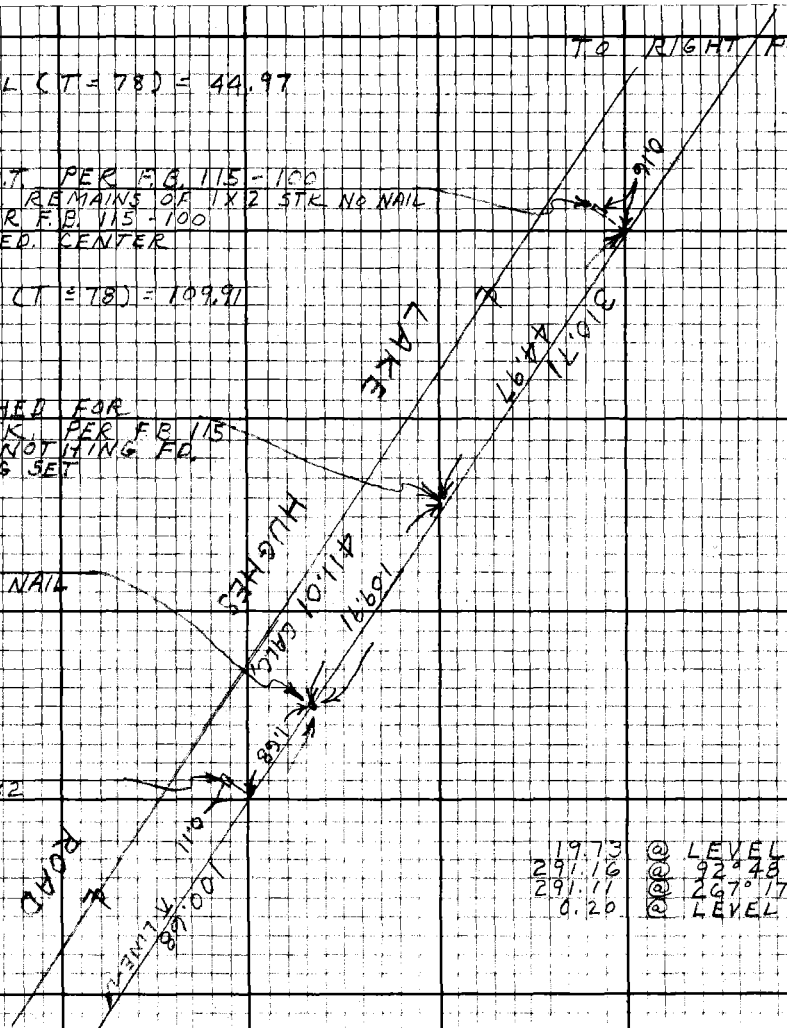
P.O.T. PER F.B. 115-100
FD. REMAINS OF 1X2 STK. NO NAIL
PER F.B. 115-100
USED CENTER

109.91 @ LEVEL (T = 78) = 109.91

SEARCHED FOR
1X2 STK. PER F.B. 115
PG. 101 NOTHING FD.
NOTHING SET

P.O.L.
SET 1X2 STK. & NAIL
FLUSH

P.O.S.T.
FD. REMAINS OF 1X2
STK. NO NAIL
PER F.B. 115-100
USED CENTER



19.73	@ LEVEL	=		19.73
291.16	@ 92°48'	=	290.81 }	= 290.79
291.11	@ 267°17'	=	290.78 }	
0.20	@ LEVEL	=		0.20
			(T = 78) =	310.72
				310.71

TO LEFT PG. 83

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75F3098 CE#310 9-67

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TO RIGHT PG. 86

276.12 @ 95° 23' = 274.90 } = 274.91
276.01 @ 264° 54' = 274.92 }
8.63 @ LEVEL = 8.63
283.54
(T = 68) = 283.51

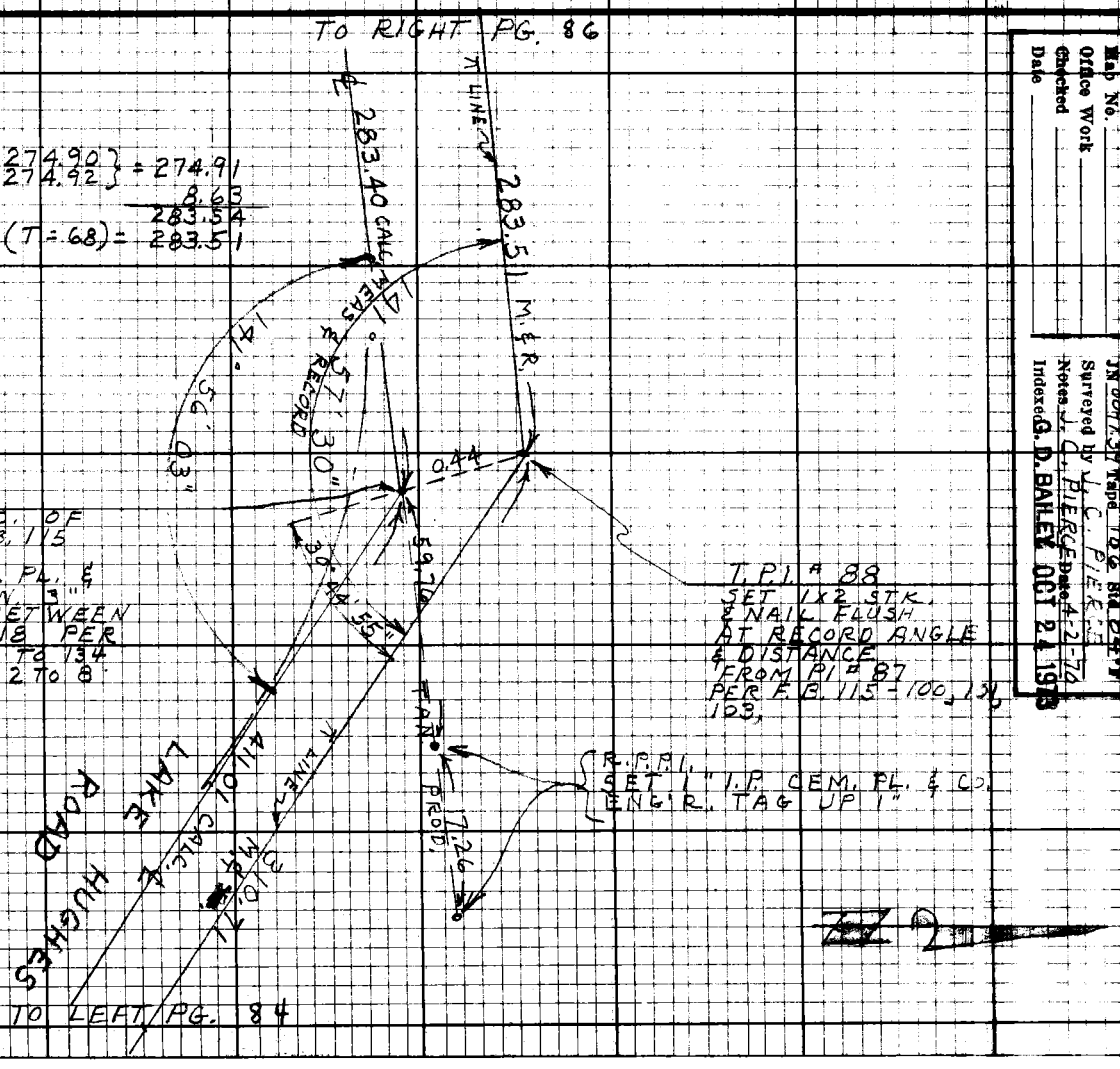
1) 141-57-30
4) 207-50-00
141-57-30
6) 131-45-00
AVE) 141-57-30

PI # 88
NO EVIDENCE FD. OF
1X2 STK. PER F.B. 115
PGS. 102, 103
SET A 1" I.P. CEM. PL. &
CO. ENG'R. TAG DN. 3"
BY PROPORTION BETWEEN
PI # 87 & PI # 118 PER
F.B. 115 PGS. 100 TO 134
AND F.B. 128 PGS. 2 TO 8

1) 141-55-55
4) 207-44-20
141-56-05
6) 131-36-20
AVE) 141-56-03

T.P.I. # 88
SET 1X2 STK.
& NAIL FLUSH
AT RECORD ANGLE
& DISTANCE
FROM PI # 87
PER F.B. 115 - 100, 101,
103,

R.P.P.I.
SET 1" I.P. CEM. PL. & CO.
ENG'R. TAG UP 1"

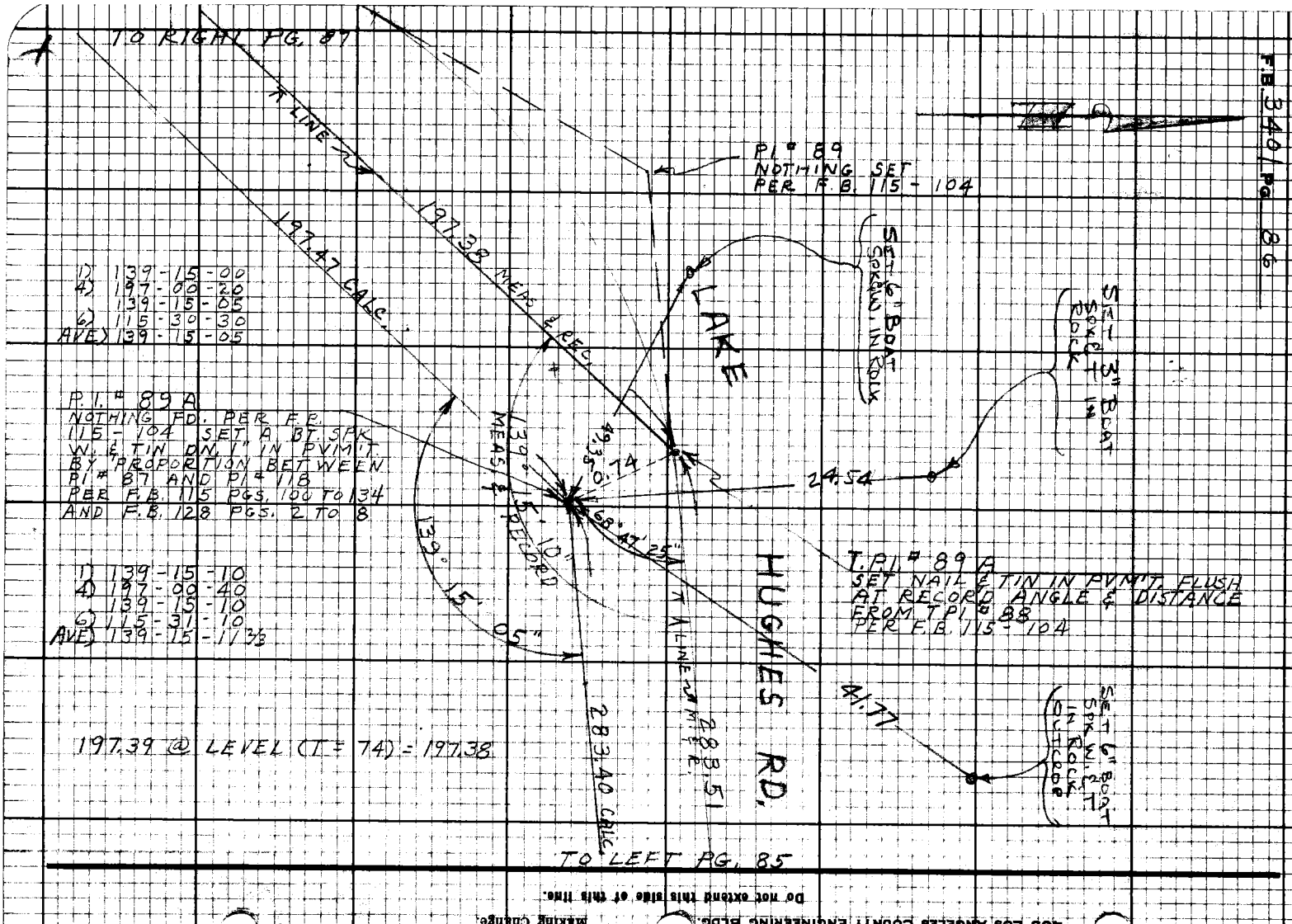


TO LEFT PG. 84

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

Survey of LK. HUGHES RD.
JN 0097.39 Tape 186 Std. 84'
Surveyed by J. C. PIERCE Date 4-2-70
Notes J. C. PIERCE
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 85



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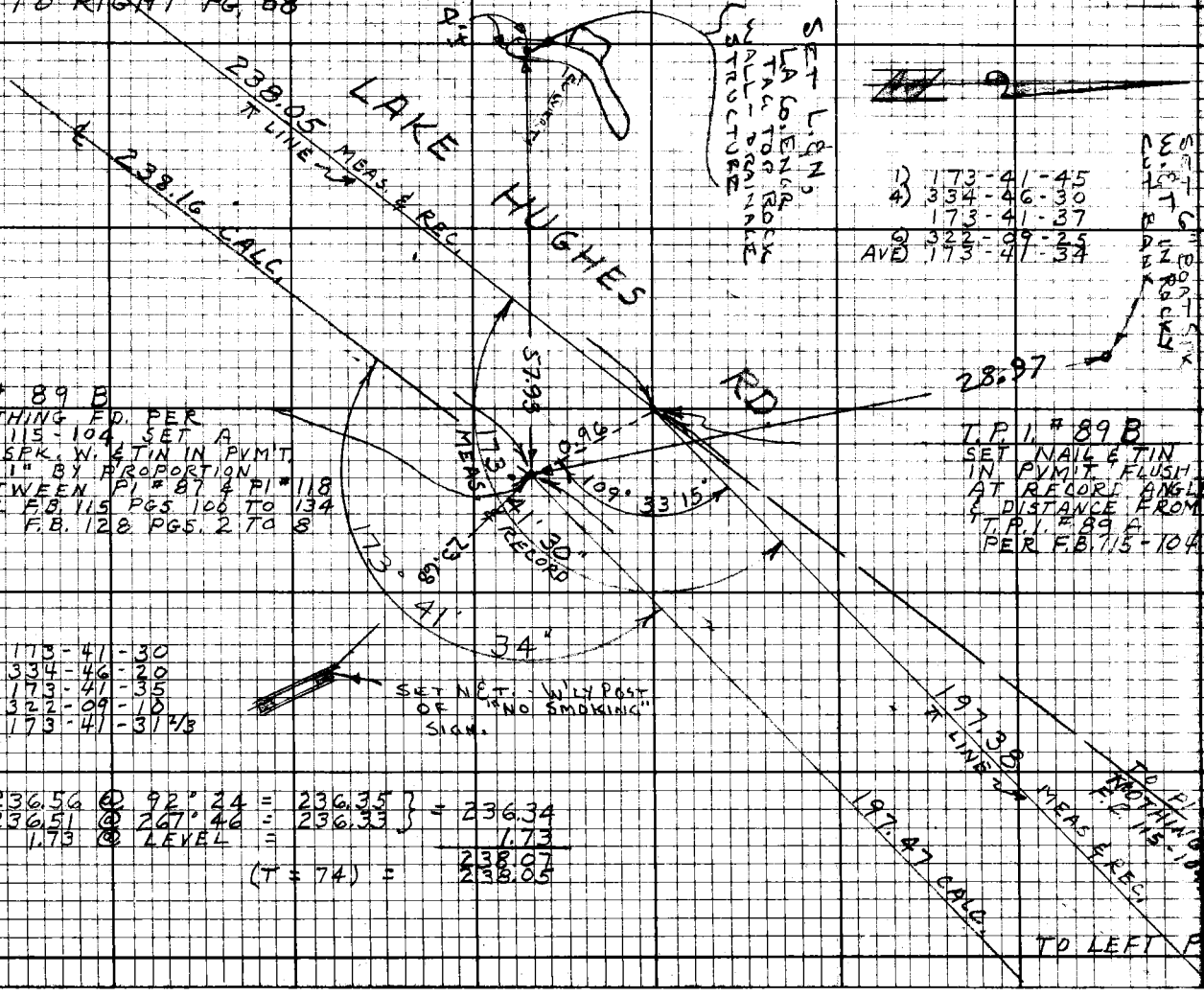
TO RIGHT PG. 88



1) 173-41-45
4) 334-46-30
173-41-37
6) 322-09-25
AVE 173-41-34

P.I. # 89 B
NOTHING FD. PER
F.B. 115-104 SET A
BT. SPK. W. & TIN IN PVM'T.
DN. 1" BY PROPORTION
BETWEEN P.I. # 87 & P.I. # 118
PER F.B. 115 PGS 100 TO 134
AND F.B. 128 PGS. 2 TO 8

T.P.I. # 89 B
SET NAIL & TIN
IN PVM'T FLUSH
AT RECORD ANGLE
& DISTANCE FROM
T.P.I. # 89 A
PER F.B. 115-104

1) 173-41-30
4) 334-46-20
173-41-35
6) 322-09-10
AVE) 173-41-31 1/3

236.56 @ 92°24' = 236.35
236.51 @ 267°46' = 236.33 } = 236.34
1.73 @ LEVEL = 1.73
238.07
(T = 74) = 238.05

TO LEFT PG. 86

Notes Ck'd by
M.P. No.
Office Work
Checked
Date

Survey of L.K. HUGHES RD
JN 04-17-39 Tract 186 Map 24 PM
Surveyed by J.C. PIERCE Date 4-2-70
Notes J.C. PIERCE
Indexed G.D. BAILEY OCT 24 1973

F.B. 3401 PG. 87

TO RIGHT PG. 89

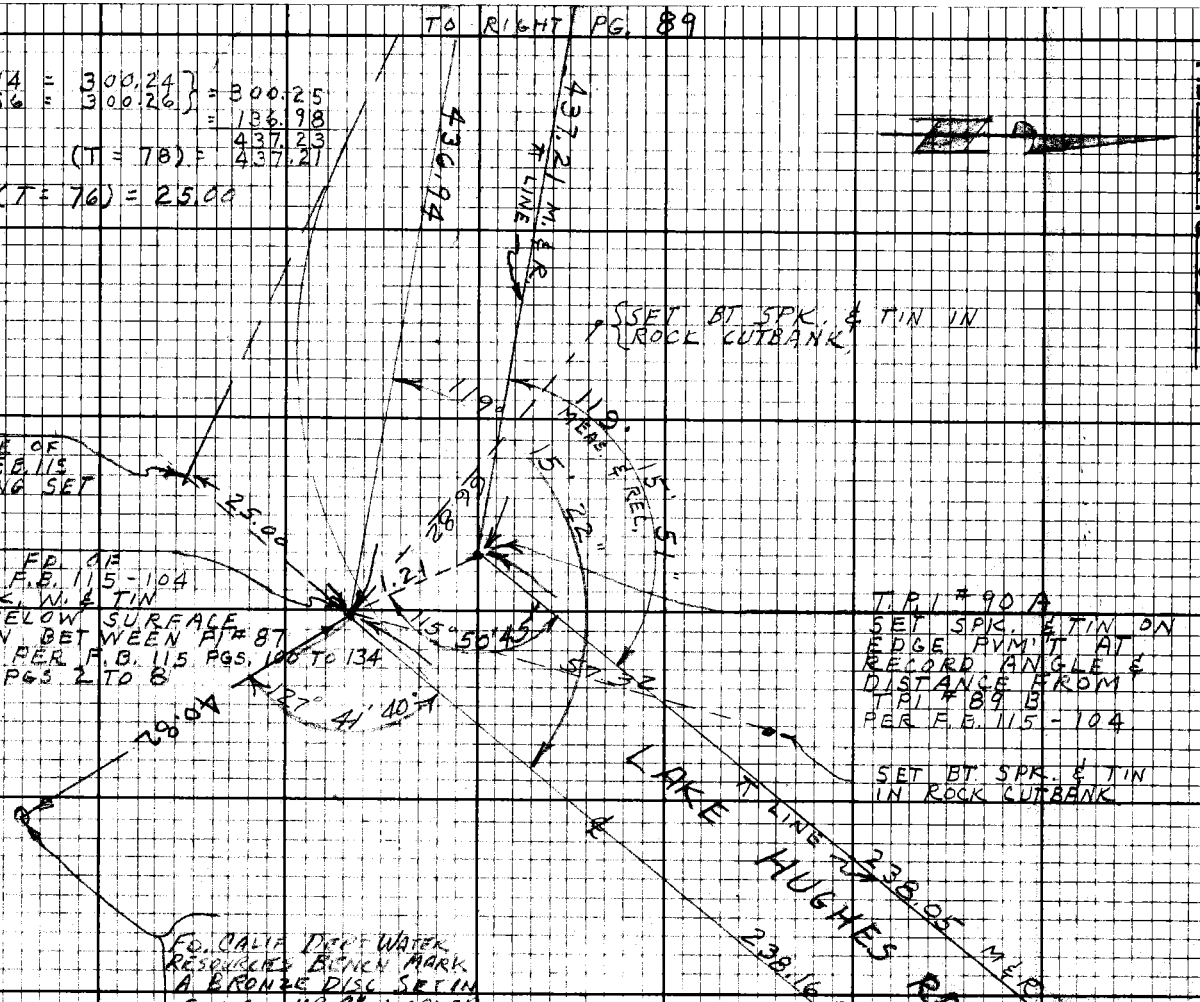
300.47 @ 92° 14 = 300.24
300.46 @ 267° 56 = 300.26 } = 800.25
136.98 @ LEVEL = 136.98
437.23
(T = 78) = 437.21

25.00 @ LEVEL (T = 76) = 25.00

1) 119-15-50
4) 117-03-25
119-15-51 1/2
6) 355-35-10
AVE) 119-15-51 2/3

PI #90
FD. NO EVIDENCE OF IRON PIN PER F.B. 115 PGS 105 NOTHING SET

PI # 90 A
NO EVIDENCE FD. OF 1 x 2 STK. PER F.B. 115-104 SET A BT. SPK. W. & TIN IN ROCK 6" BELOW SURFACE BY PROPORTION BET WEEN PI # 87 AND PI # 118 PER F.B. 115 PGS. 100 TO 134 AND F.B. 128 PGS 2 TO 8



1) 119-15-20
4) 117-07-20
119-15-20
6) 355-32-10
AVE) 119-15-22

FD. CALIF. DEPT. WATER RESOURCES BENCH MARK A BRONZE DISC SET IN CONC. UP 4" MARKER E 118 - 1961

TO LEFT PG. 87

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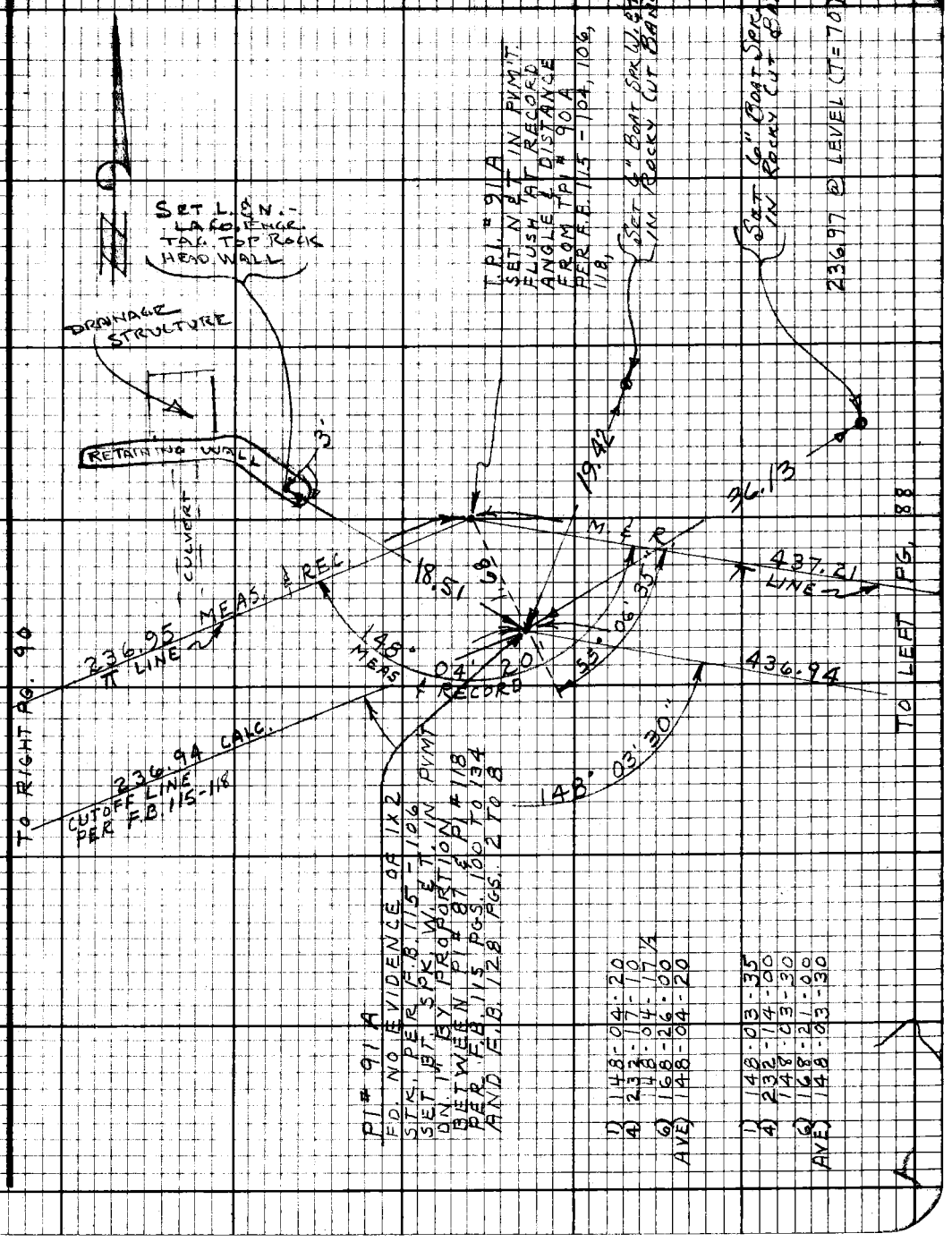
Map No.	JN 0097.59 Tape 186 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. P. Date 4-3-70
Date	Indexed G. D. BAILEY OCT 24 1978

F.B. 3401 Pg. 89



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F.B. 3401 Pg. 90

TO RIGHT PG. 91

428.91 CALC.
CUTOFF LINE
F.B. 115-118

512.77 REC.
429.12 MEAS.

SET SPK. & T.
IN ROCK CUTBANK

1) 155-55-05
4) 263-40-20
155-55-05
6) 215-30-05
AVE) 155-55-01

T.P.I. # 92A
SET 1X2 STK & NAIL
FLUSH AT RECORD
ANGLE & DISTANCE
FROM T.P.I. # 91A
PER F.B. 115 - 106, 118, 119

SET SPK & T.
IN ROCK CUTBANK

P.I. # 92A
FD. NO EVIDENCE OF 1X2 STK
PER F.B. 115 - 106, 118, 119 SET
A T.I.P. CEM. PL. & CO. ENG'R. TAG
ON 10" BY PROPORTION BETWEEN
P.I. # 87 & P.I. # 118

1) 155-55-10
4) 263-40-45
155-55-11 1/4
6) 215-31-00
AVE) 155-55-10

PER F.B. 115 PGS. 100 TO 134
AND F.B. 128 PGS. 2 TO 8

SET SPK & TIN
IN ROCK CUTBANK

429.16 @ LEV (T=68) = 429.12

236.94 CALC.
CUTOFF LINE
F.B. 115-118

236.95 M.
F LINE

TO LEFT PG. 89

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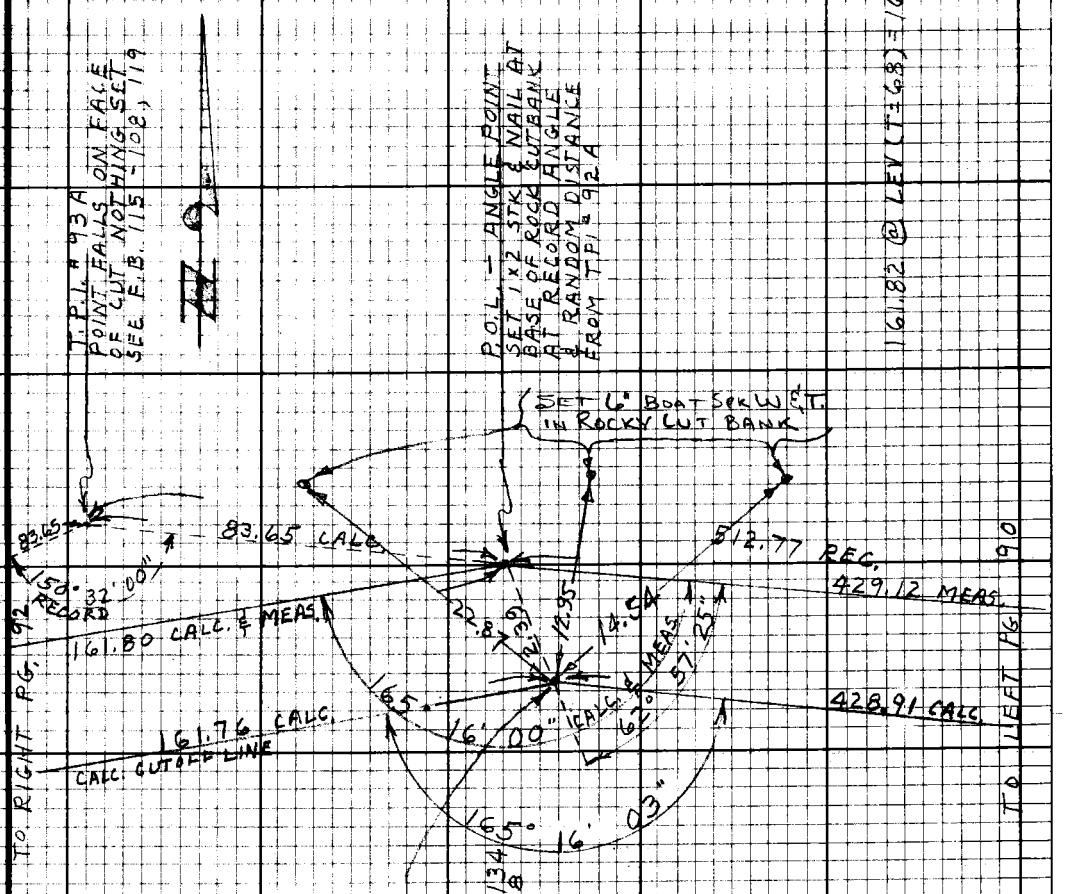
Notes Ck'd by	Survey of LK. HUGHES RD.
Map No.	JN 0497.39 Tape 186 Sta 84
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 4-3-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 91



P.O.L. ~ ANGLE POINT SET LRG. BT. SPK. W & TIN DN. 10" BY PROPORTION BETWEEN PI #87 & PI #118 PER F.B. 115 PGS. 100 TO 134 AND F.B. 128 PGS. 2 TO 8

1) 165-16-00
4) 301-04-00
6) 271-36-00
AVE) 165-16-00

1) 165-16-00
4) 301-04-15
6) 271-36-20
AVE) 165-16-03

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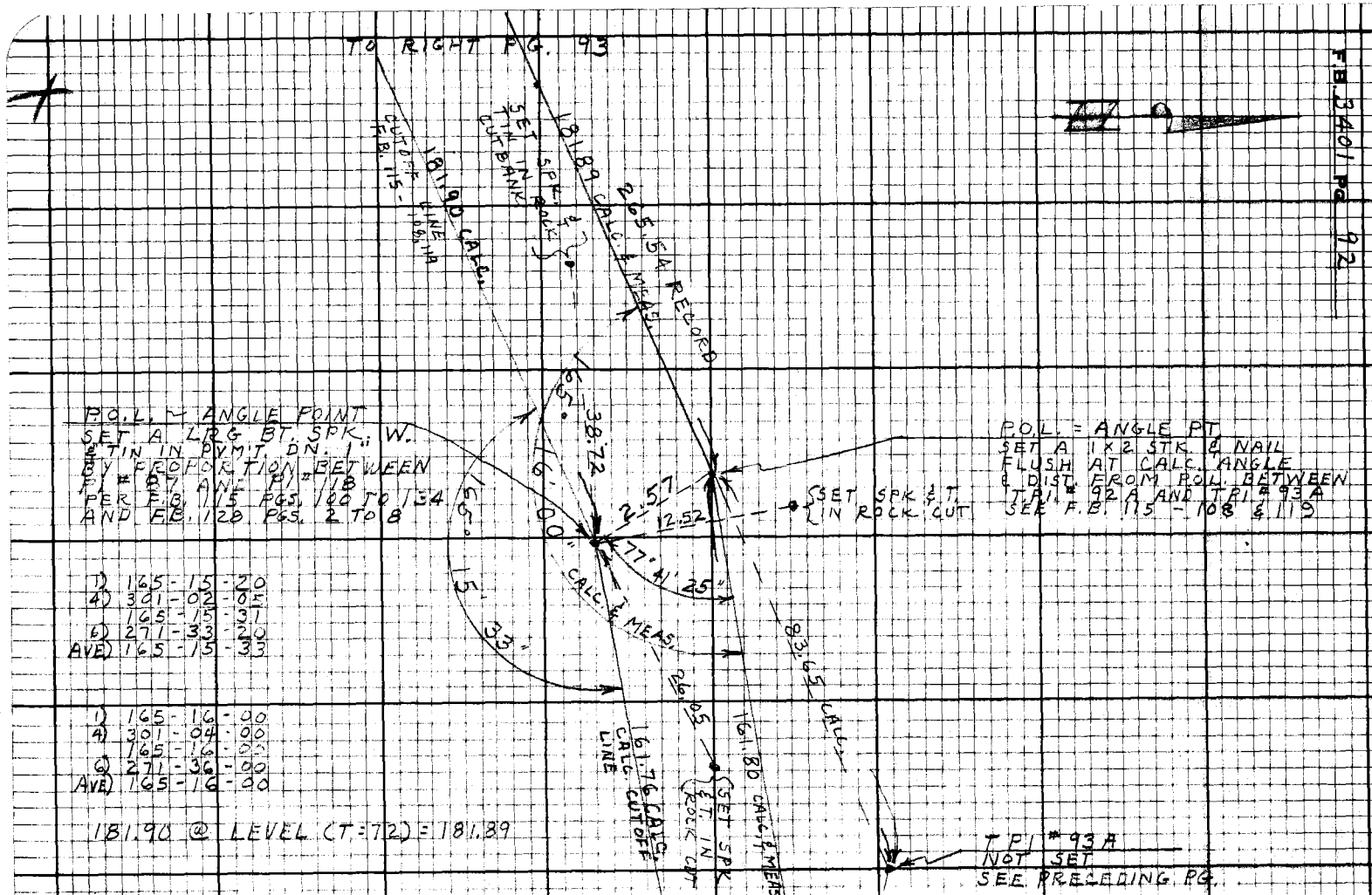
78F3C98 CE #310 9-67

TO RIGHT PG. 93



TO LEFT PG. 91

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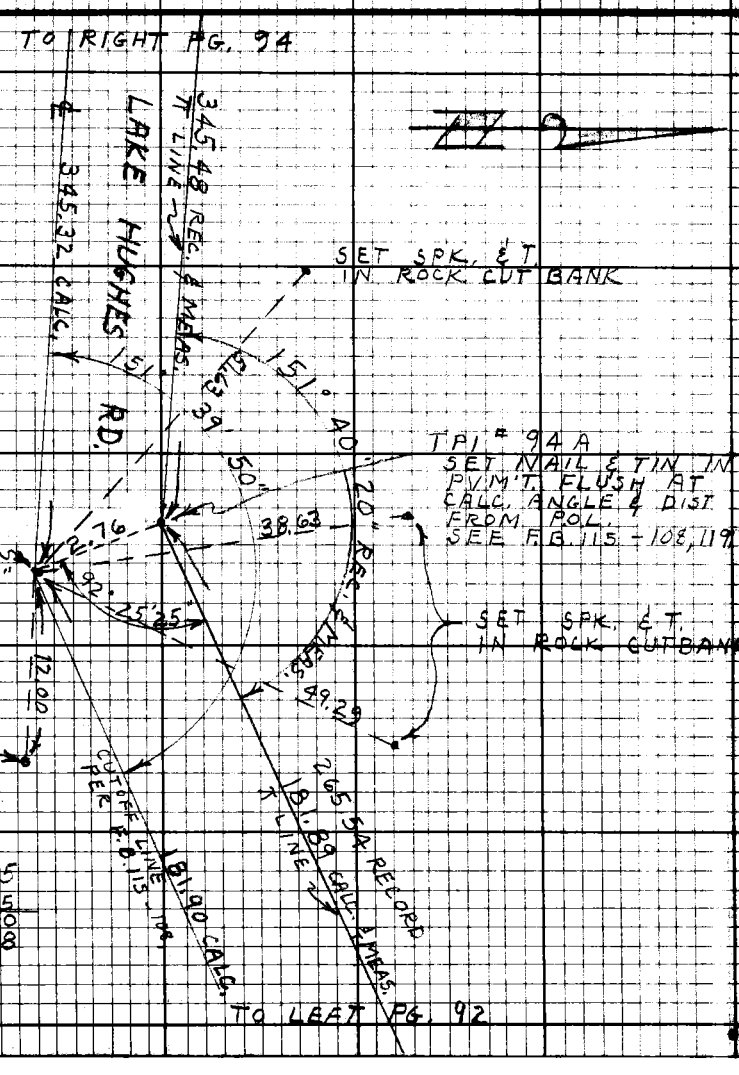
TO RIGHT PG. 94

1) 151-40-20
4) 246-41-20
151-40-20
6) 190-01-50
AVE) 151-40-18 2/3

1) 151-40-00
4) 246-39-20
151-39-50
6) 189-59-00
AVE) 151-39-50



PI # 94 A
FD NO EVIDENCE OF
1 X 2 STK PER F.B. 115-108,119
SET A 1" I.P. & C.E. TAG ON 1"
IN PVM'T. BY PROPORTION
BETWEEN PI # 87 AND PI # 118
PER F.B. 115 PGS. 100 TO 134
AND F.B. 128 PGS 2 TO 8

PI # 94
FD. NO EVIDENCE OF IRON
PIN PER F.B. 115-127 & 120
NOTHING SET

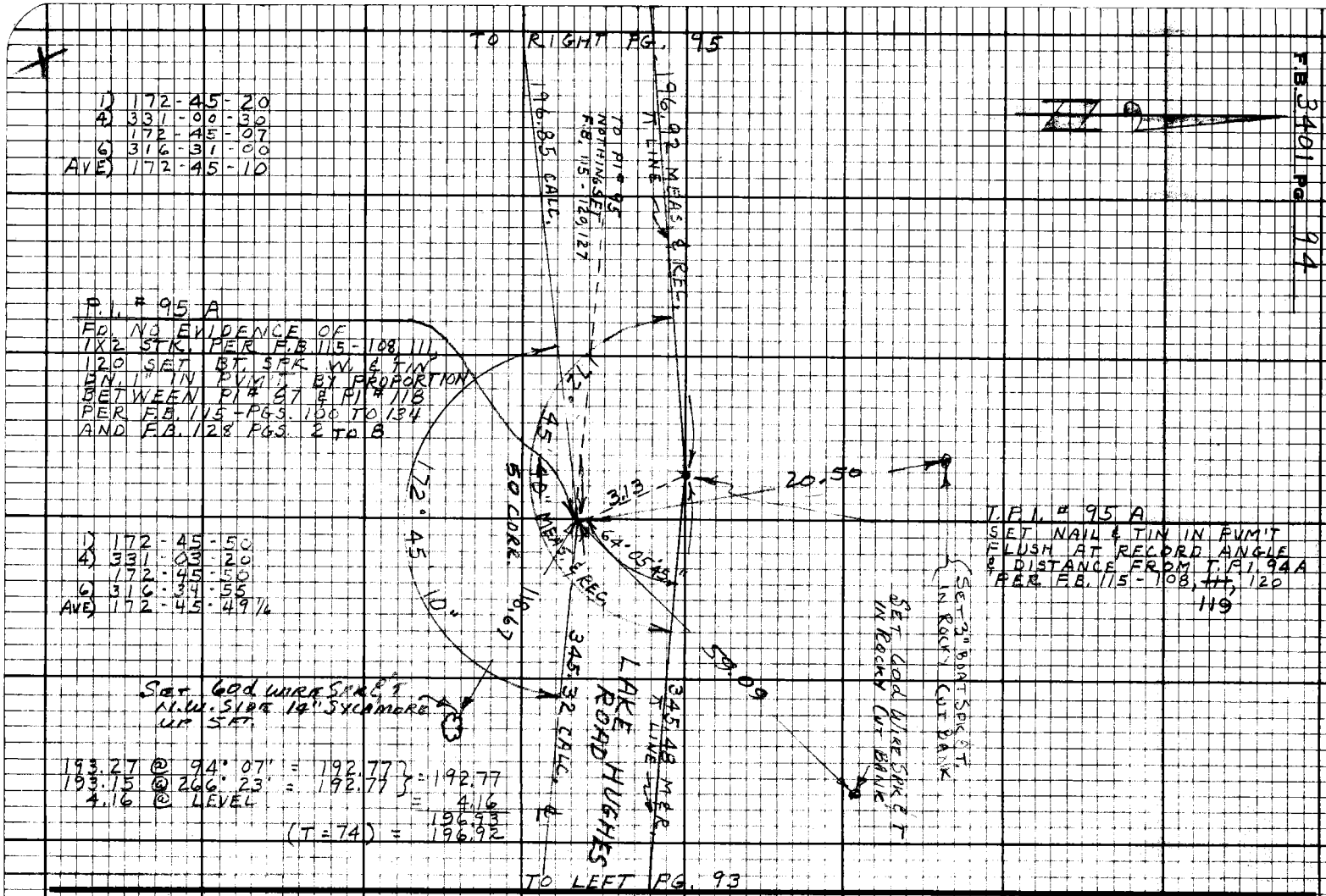
300.55 @ 93° 37' = 299.95
300.50 @ 266° 35' = 299.96 } = 299.95
45.55 @ LEVEL = 45.55
345.50
(T = 74) = 345.48

TO LEFT PG. 92

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

Survey of L.K. HUGHES RD.
JN D417.37 Tbd 124 BM D4.77
Surveyed by J. C. PIERCE
Notes J. C. PIERCE Date 4-3-70
Indexed G. D. BAILEY OCT 24 1970

F.B. 3401 Pg. 93



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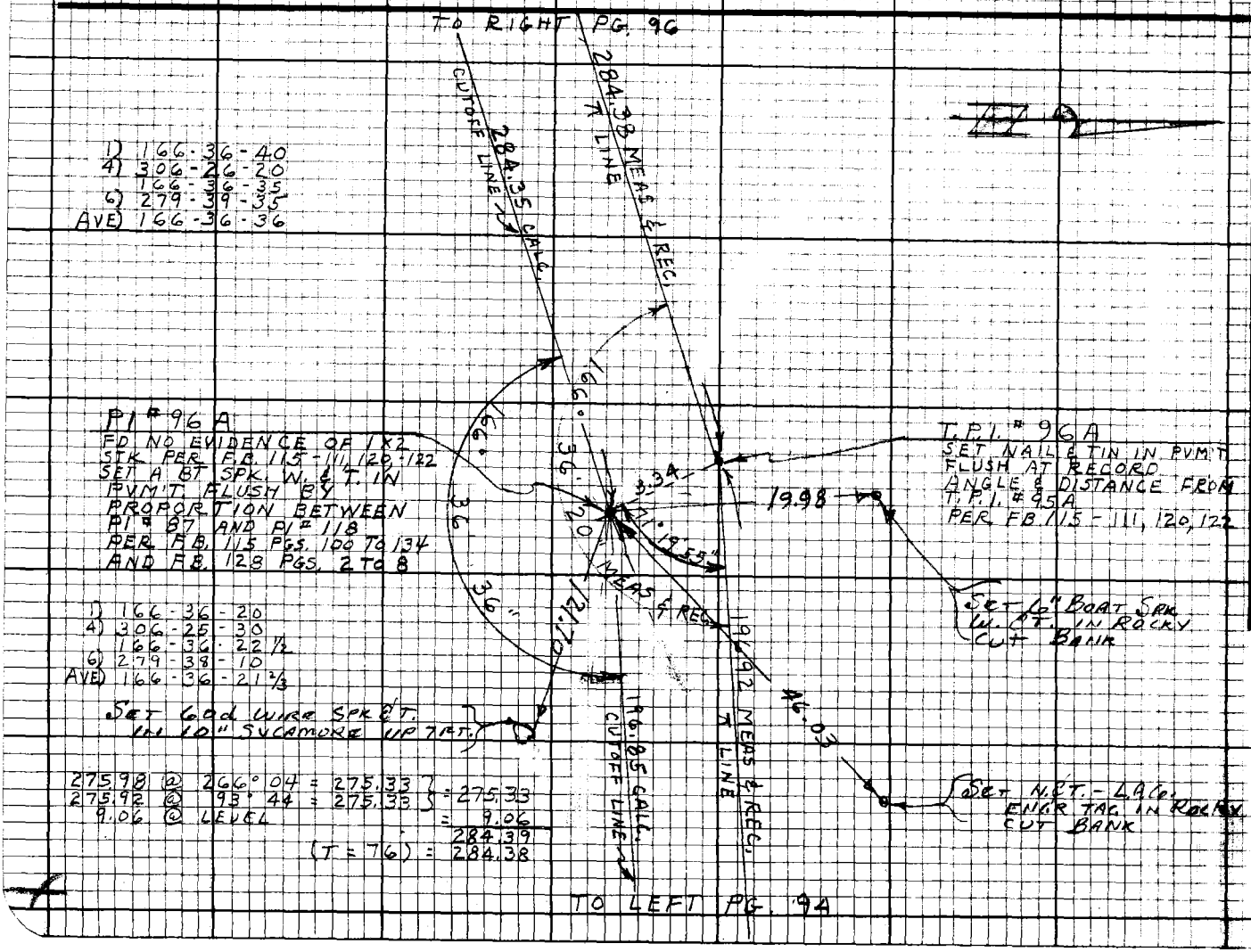


1) 166-36-40
4) 306-26-20
166-36-35
6) 279-39-35
AVE) 166-36-36

P1 # 96 A
FD NO EVIDENCE OF 1X2
STK PER F.B. 115-111, 120, 122
SET A BT SPK. W. & T. IN
PVM'T. FLUSH BY
PROPORTION BETWEEN
P1 # 87 AND P1 # 118
PER F.B. 115 PGS. 100 TO 134
AND F.B. 128 PGS. 2 TO 8

1) 166-36-20
4) 306-25-30
166-36-22 1/2
6) 279-38-10
AVE) 166-36-21 2/3

SET 60d WIRE SPK & T.
IN 10" SYCAMORE UP 7 FT.

275.98 @ 266° 04 = 275.33 } = 275.33
275.92 @ 93° 44 = 275.33 }
9.06 @ LEVEL = 9.06
284.39
(T = 76) = 284.38

T.P.I. # 96 A
SET NAIL & TIN IN PVM'T
FLUSH AT RECORD
ANGLE & DISTANCE FROM
T.P.I. # 95 A
PER F.B. 115-111, 120, 122

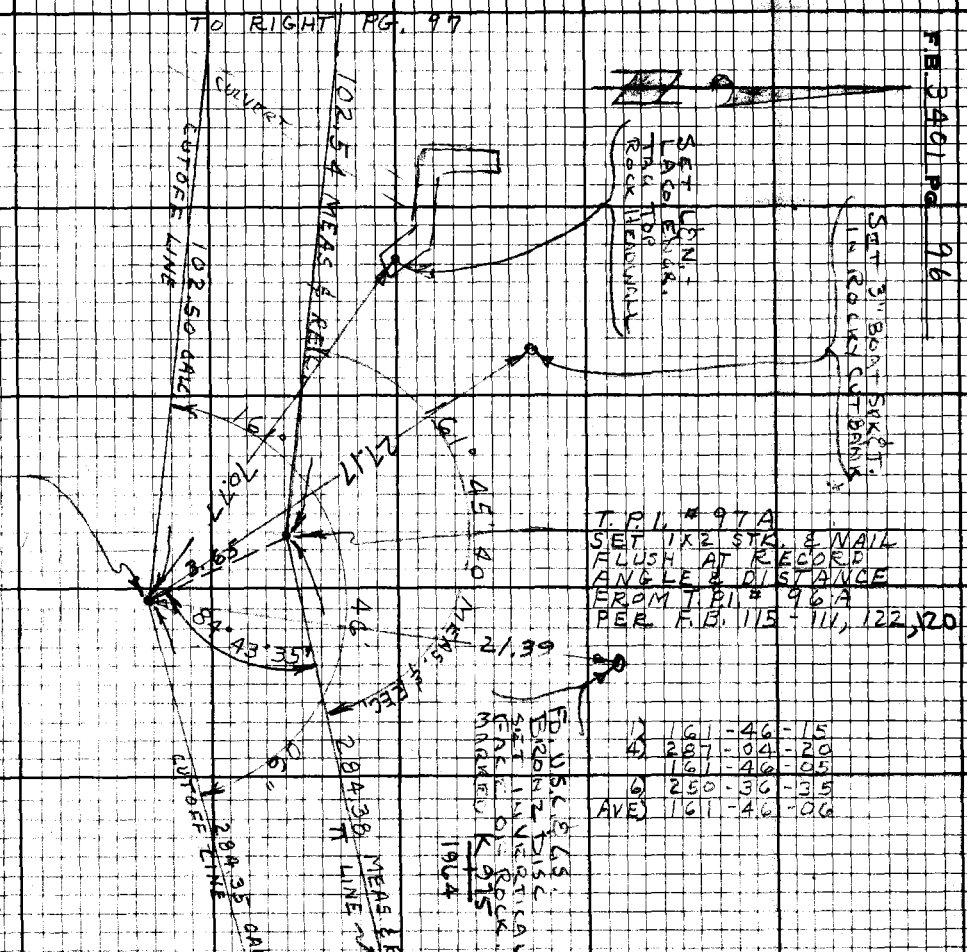
SET 6" BOAT SPK
W. CT. IN ROCKY
CUT BANK

SET N.CT. - L.A.C.
ENGR TAG IN ROCKY
CUT BANK

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

Survey of LK. HUGHES RD.
JN 00197.39 Tape 186 Sta 84 FT
Surveyed by J.C. PIERCE
Notes J.C. PIERCE Date 4-3-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 95



PI# 97 A
FD NO EVIDENCE OF 1X2 STK
PER F.B. 115 - 111, 122
SET SPK. W. & TIN IN PVM'T.
BY PROPORTION BETWEEN
PI# 87 AND PI# 118
PER F.B. 115 PGS. 100 TO 134
& F.B. 128 PGS. 2 TO 8

1) 161 - 45 - 40
4) 287 - 03 - 00
161 - 45 - 45
6) 250 - 34 - 10
AVE) 161 - 45 - 41 2/3

102.55 @ LEVEL (T=76) = 102.54

T.P.I. # 97A
SET 1X2 STK. & NAIL
FLUSH AT RECORD
ANGLE & DISTANCE
FROM T.P.I. # 96A
PER F.B. 115 - 114, 122, 120

1) 161 - 46 - 15
4) 287 - 04 - 20
161 - 46 - 05
6) 250 - 36 - 35
AVE) 161 - 46 - 06

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7EF3C98 CE#310 9-67

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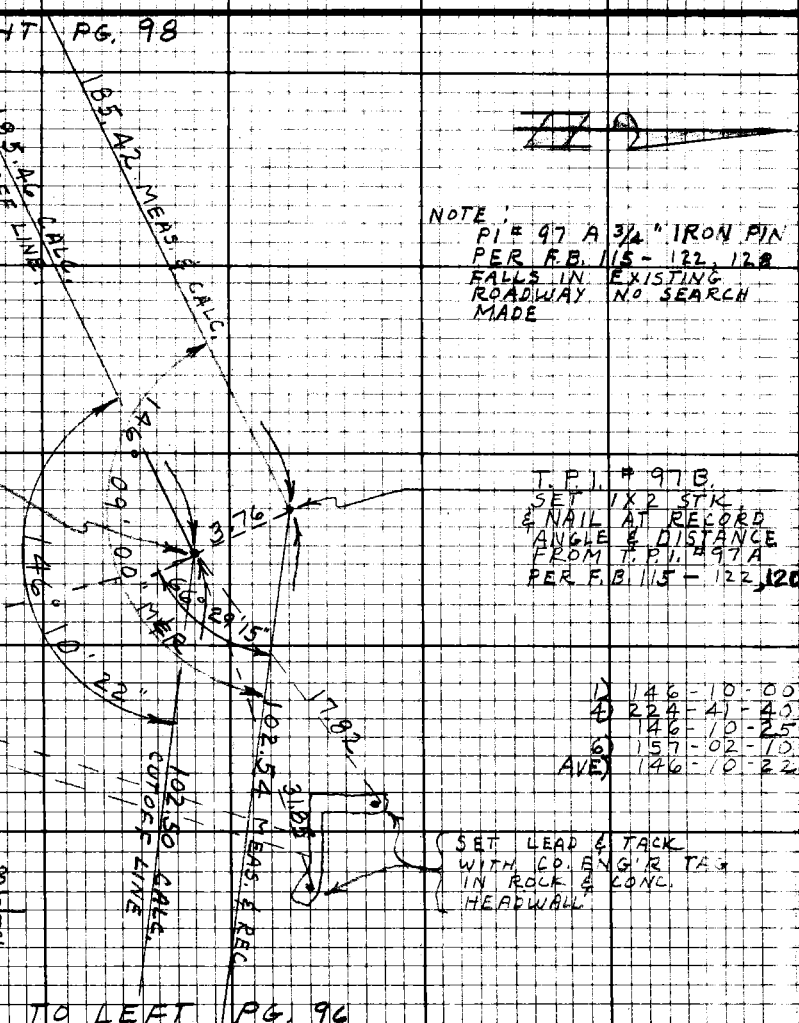
TO RIGHT PG. 98



NOTE:
PI # 97 A 3/4" IRON PIN PER F.B. 115 - 122, 128 FALLS IN EXISTING ROADWAY. NO SEARCH MADE

PI # 97B
F.B. NO EVIDENCE OF 1X2 STK. PER F.B. 115 - 111, 122
SET 1" I.P. CEM. PL. & C.B. TAG FL.
BY PROPORTION BETWEEN PI # 87 AND PI # 118
PER F.B. 115 PGS 100 TO 134 AND F.B. 128 PGS 2 TO 8

SET SPK & T. IN CULVERT HEADWALL

1) 146-09-00
4) 224-36-00
146-09-00
6) 156-54-00
AVE) 146-09-00

42.5

T.P.I. # 97B.
SET 1X2 STK. & NAIL AT RECORD ANGLE & DISTANCE FROM T.P.I. #97A
PER F.B. 115 - 122, 120

1) 146-10-00
4) 224-41-40
146-10-25
6) 157-02-10
AVE) 146-10-22

SET LEAD & TACK WITH CO. ENG'R TAG IN ROCK & CONC. HEADWALL

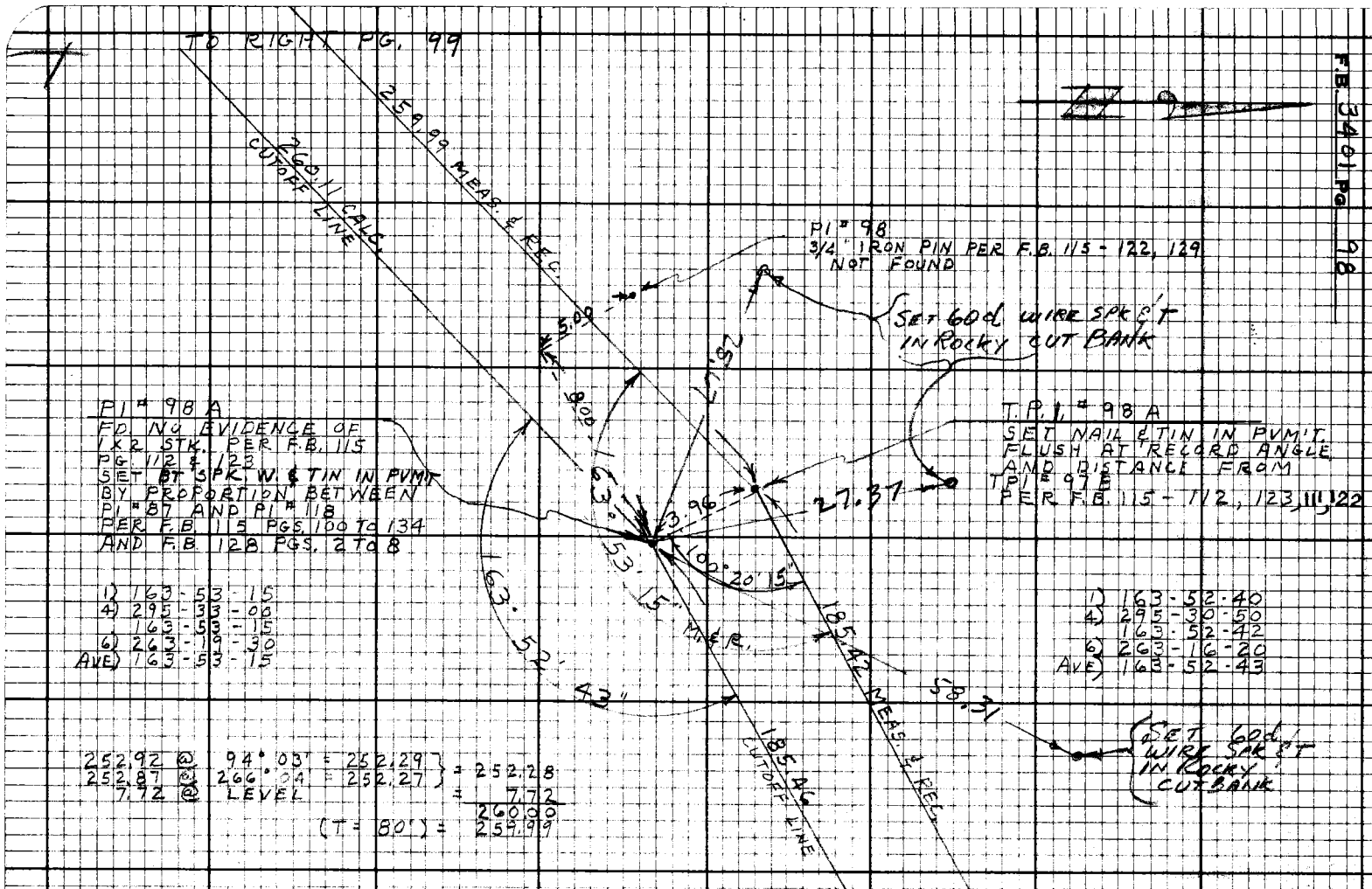
178.73 @ 96°12' = 177.68
178.63 @ 264°05' = 177.68
7.75 @ LEVEL = 7.75
= 177.68
185.43
(T = 76) = 185.42

TO LEFT PG. 96

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

Survey of LIC. HUGHES RD
JN 0071.30 TRN 186 BM 84 PB
Surveyed by J.L. PIERCE
Notes J.L. PIERCE Date 4-6-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 97



PI # 98 A
FD. NO EVIDENCE OF 1X2 STK. PER F.B. 115 PG. 112 & 123
SET BT SPK. W. & TIN IN PVMT BY PROPORTION BETWEEN PI # 87 AND PI # 118 PER F.B. 115 PGS. 100 TO 134 AND F.B. 128 PGS. 2 TO 8

1) 163-53-15
4) 295-33-06
163-53-15
6) 263-13-30
AVE) 163-53-15

1) 163-52-40
4) 295-30-50
163-52-42
6) 263-16-20
AVE) 163-52-43

252.92 @ 94°03' = 252.29
252.87 @ 266°04' = 252.27 } = 252.28
7.72 @ LEVEL = 7.72
260.00
(T = 80') = 259.99

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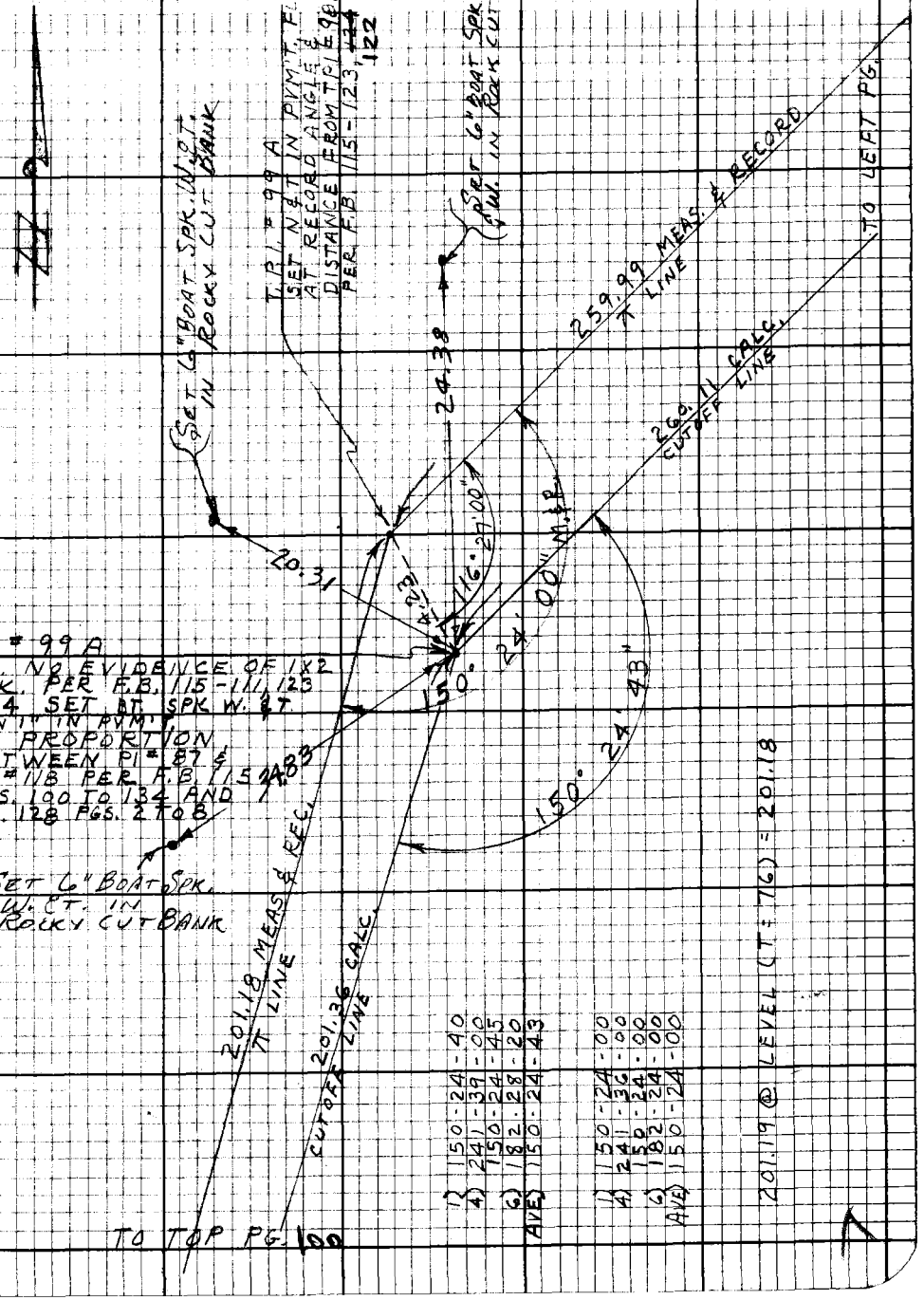
Survey of LK. HUGHES RD.
JN 0097.39 Tape 1816 Std 04 FT
Surveyed by J. C. FIERCE
Notes J. C. FIERCE Date 4-6-70
Indexed G. D. BAILEY OCT 24 197

F.B. 3401 Pg. 99



3)	150-24-40	
4)	241-39-00	
5)	150-24-45	
6)	182-28-20	
AVE)	150-24-43	

1)	150-24-00	
4)	241-36-00	
5)	150-24-00	
6)	182-24-00	
AVE)	150-24-00	

201.19 @ LEVEL (CT # 76) = 201.18

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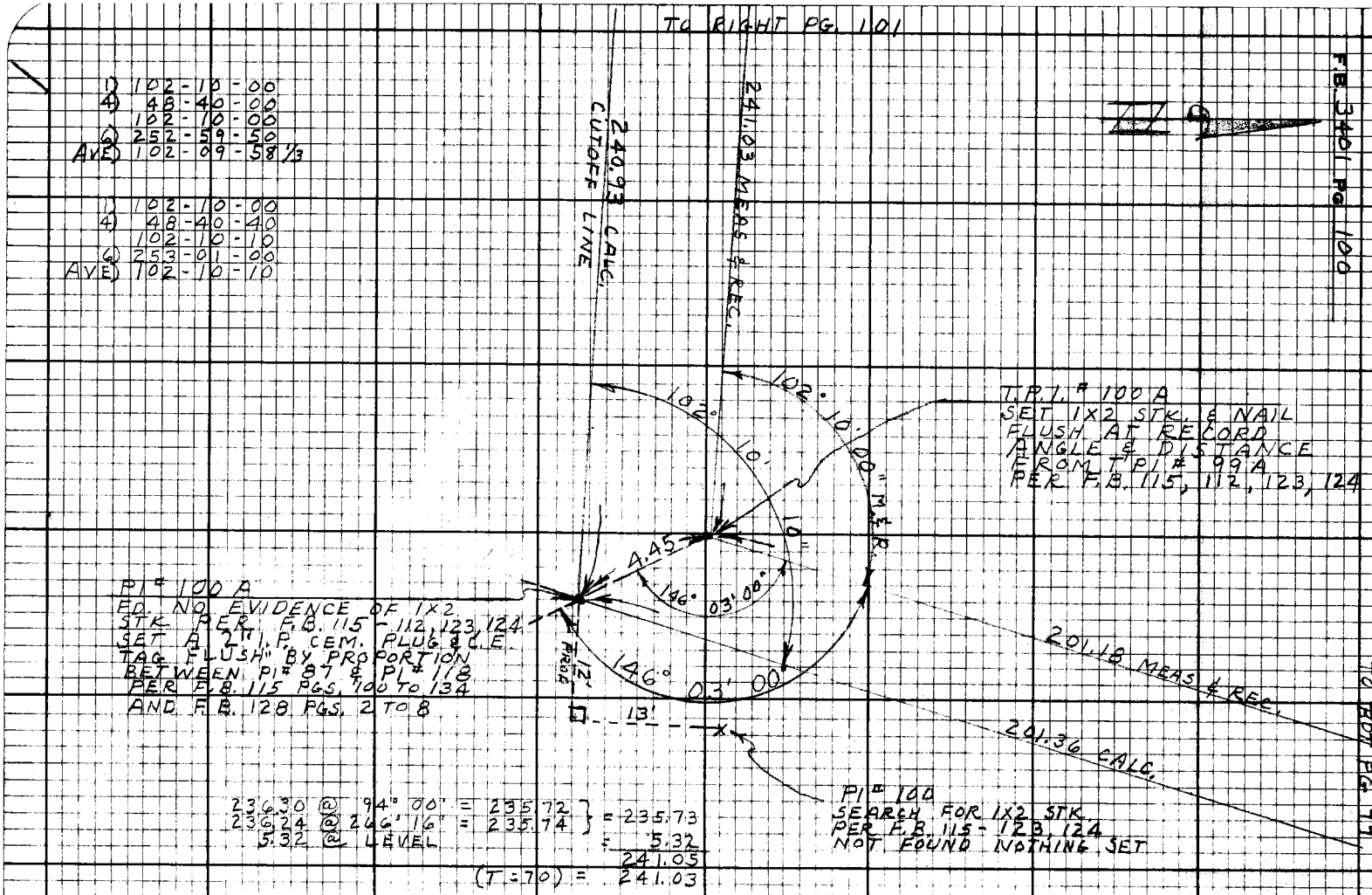
7EPCIOS CE # 310 R-67

TO RIGHT PG. 101

1) 102-10-00
4) 48-40-00
102-10-00
6) 252-59-50
AVE) 102-09-58 1/3

1) 102-10-00
4) 48-40-40
102-10-10
6) 253-01-00
AVE) 102-10-10



236.30 @ 94° 00' = 235.72
236.24 @ 266° 16' = 235.74 } = 235.73
5.32 @ LEVEL = 5.32
241.05
(T = 70) = 241.03

TO BOT PG. 99

WS77 C1

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76F3098 CE#310 9-67

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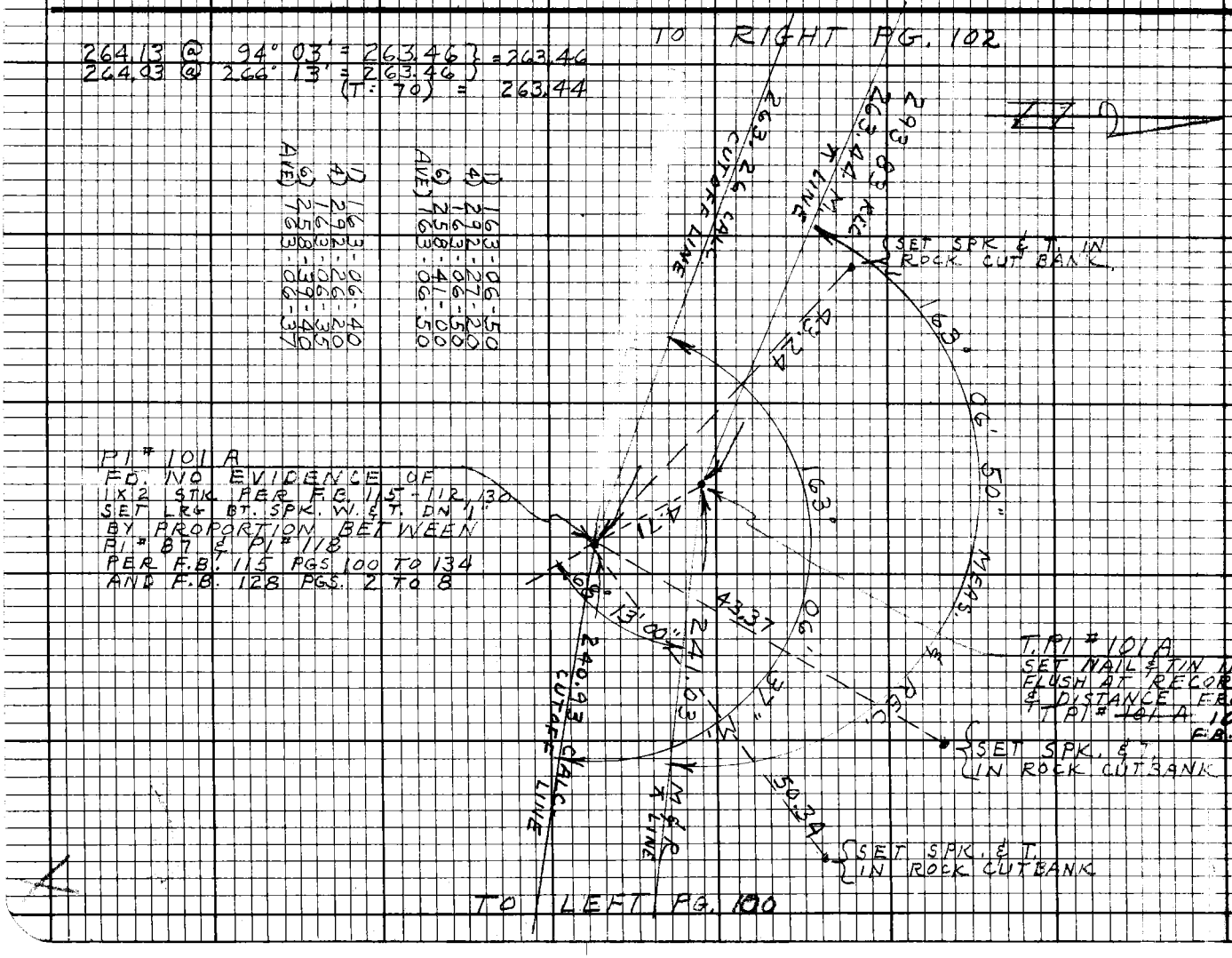
264.13 @ 94° 03' = 263.46 } = 263.46
264.03 @ 266° 13' = 263.46 }
(T: 70) = 263.44

1)	163-06-50
4)	292-27-20
	163-06-50
6)	258-41-00
AVE)	163-06-50

1)	163-06-40
4)	292-26-20
	163-06-35
6)	258-39-40
AVE)	163-06-37



Notes Ck'd by
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Office Work
Checked
Date

Survey of L.K. HUGHES RD.
JN 00973 Tape 186 Std 84°F
Surveyed by J.C. PIERCE
Notes J.C.P. Date 4-6-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 101

F.B. 3401 PG. 102

75F3098 CE#310 B-67

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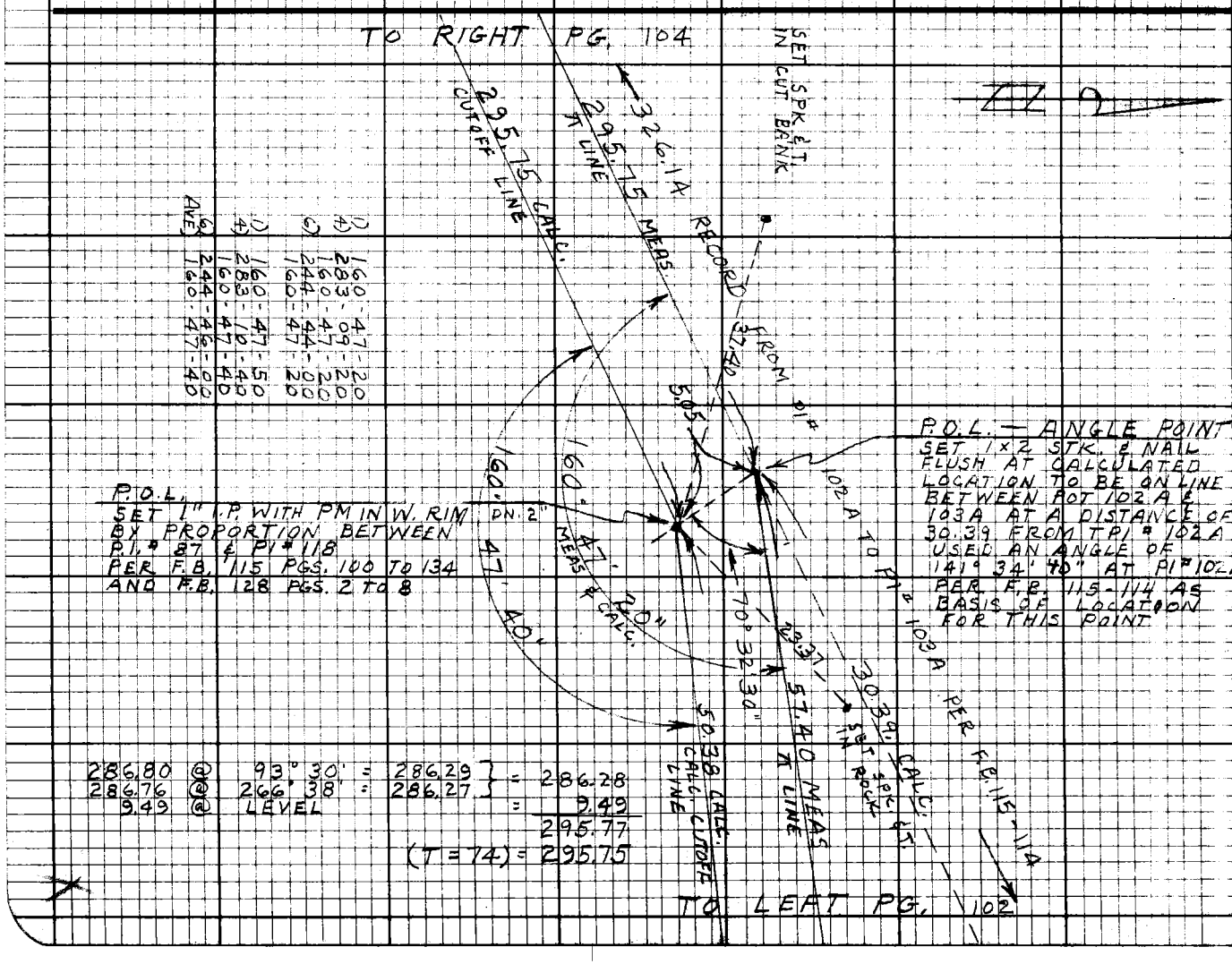

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Office Work
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Date

Survey of L.K. HUGHES RD.
JK POT. 30 TPM 166 PM 84-81
Surveyed by J. C. PIERCE Date 4-8-70
Notes J. C. P.
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 103

F.B. 3401 Pg. 104

APPROX. P.I. #103
SEARCHED AN AREA OF
APPROXIMATELY 10' RADIUS
FOR 1X2 STK PER F.B. 115-
PG. 114 & 131 NOTHING FD.

88.0 @ LEVEL (NO TEMP) = 88.0

T.P.I. #103 A
SET NAIL & TIN IN PVMT
FLUSH AT RECORD
DISTANCE FROM TPI #
102A AND CALC. ANGLE
FROM P.O.L.
PER DATA IN F.B. 115-114

P.I. #103 A
FD. NO EVIDENCE OF
1X2 STK. PER F.B. 115-114
SET SPK. W. & TIN DN. 1"
IN PVMT. BY PROPORTION
BETWEEN P.I. #87 & P.I. #118
PER F.B. 115 PGS. 105 TO
134 AND F.B. 128 PGS.
2 TO 8

SET WIRE SPK
IN ROCK CUTBANK

SET WIRE SPK
OAK TREE ROOT

BRO
TAN PROD.

326.14 REC. TO T.P.I. #102A

295.75 MEAS.
T LINE

295.75 CALC
CUTOFF LINE

TO LEFT PG.

53.35

89° 45' 10"

MEAS.

151.4
REC.

PER F.B. 115-114

134° 16' 05" CALC.

180.07 MEAS.

73.71

134° 17'

SET SPK
IN PVMT.
BLAM

4)	134-16-05	
	177-04-35	
	134-16-08	3/4
6)	85-36-30	
AVE)	134-16-05	
1)	134-17-00	
4)	177-08-20	
	134-17-05	
6)	85-42-40	
AVE)	134-17-07	

195.69 REC.

(F.B. 115-114)

374.03 CALC.
CALC. CUTOFF LINE

373.75 MEAS. & CALC.
T LINE

86.28 @ LEVEL		86.28
288.00 @ 93° 23' = 287.50		
287.96 @ 266° 43' = 287.49	=	287.49
		373.77
(T = 74)	=	373.75

TO TOP RIGHT PG. 105

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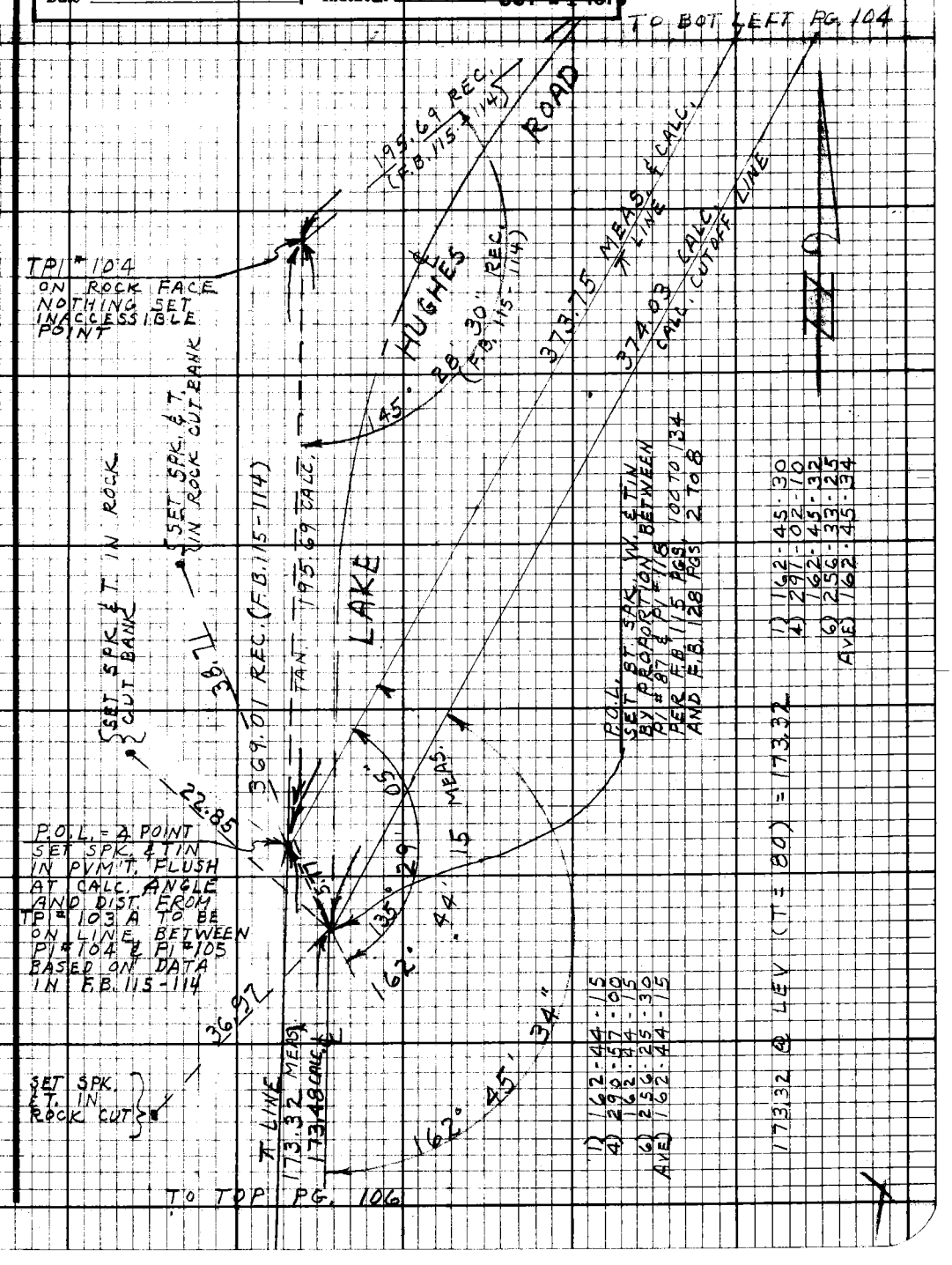
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 4-8-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 105



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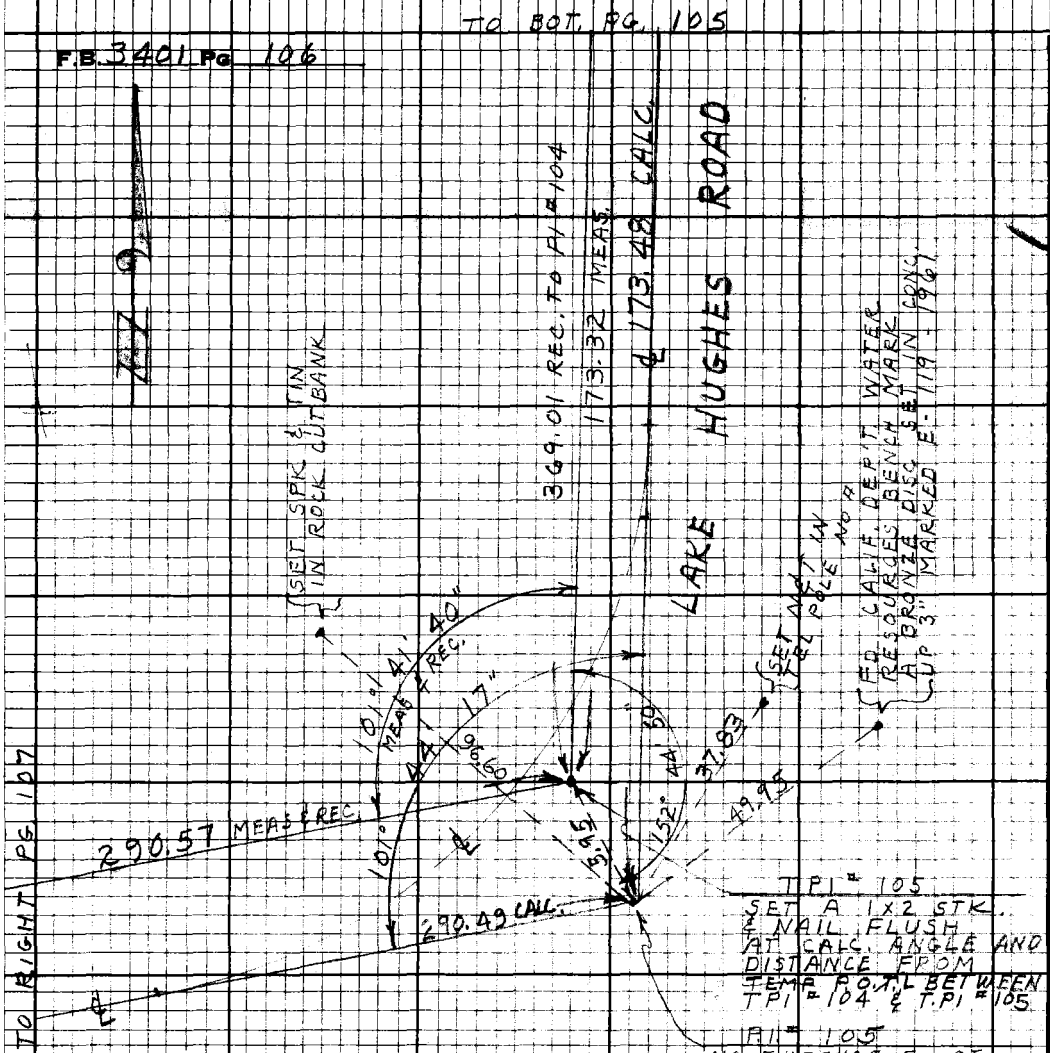
75F3098 CE # 310 9-67

F.B. 3401 Pg 106



TPI # 105
SET A 1X2 STK. & NAIL FLUSH AT CALC. ANGLE AND DISTANCE FROM TEMP P.O.T.L BETWEEN TPI # 104 & T.PI # 105

PI # 105
NO EVIDENCE FD. OF 1X2 STK. PER F.B. 115, -115, 133 SET 1" I.P. & CO. ENG'R. TAG DN. 12" BY PROPORTION BETWEEN PI # 87 & PI # 118
PER F.B. 115 PGS 100 TO 134 AND F.B. 128 PGS. 2 TO 8.

283.66 @ 94° 36' = 282.75
283.54 @ 265° 41' = 282.74 } = 282.74
7.84 @ LEVEL = 7.84
290.58
(T = 80) = 290.57

1)	101-41-40	1)	101-44-20
4)	46-46-40	4)	46-57-05
	101-41-40		101-44-16
6)	250-09-50	6)	250-25-40
AVE)	101-41-38 1/3	AVE)	101-44-17

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WS 7-1 C-1

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Map No.	JN 0097.39 Tape 186 Std 84 °F
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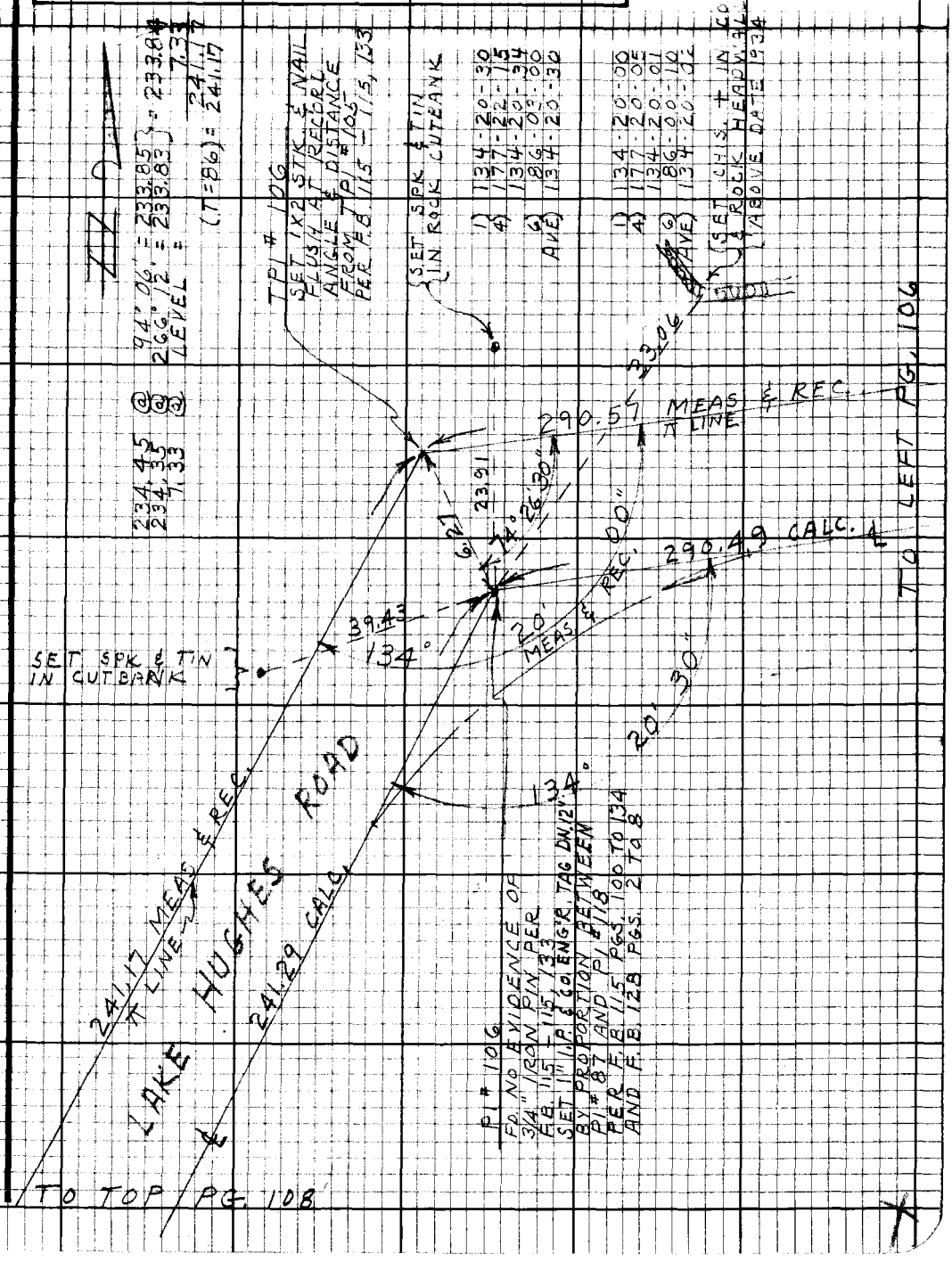
Checked	Notes J. C. P. Date 4-10-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 107



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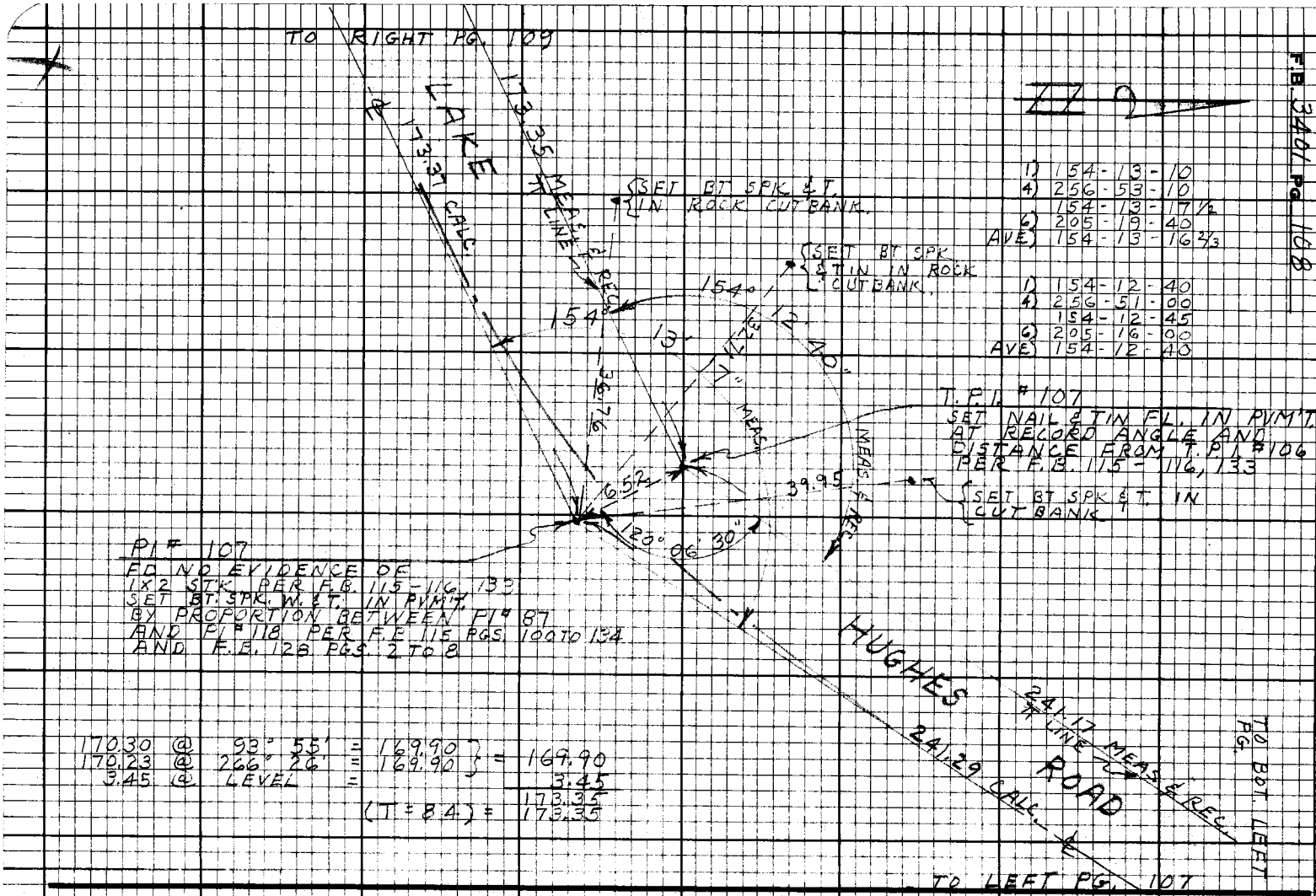
76F3098 CE# 310 9-67



1) 154 - 13 - 10
4) 256 - 53 - 10
154 - 13 - 17 1/2
6) 205 - 19 - 40
AVE) 154 - 13 - 16 2/3

1) 154 - 12 - 40
4) 256 - 51 - 00
154 - 12 - 45
6) 205 - 16 - 00
AVE) 154 - 12 - 40

170.30	@	93° 55'	=	169.90	= 169.90
170.23	@	266° 26'	=	169.90	
3.45	@	LEVEL	=		3.45
					173.35
				(T = 8.4) =	173.35

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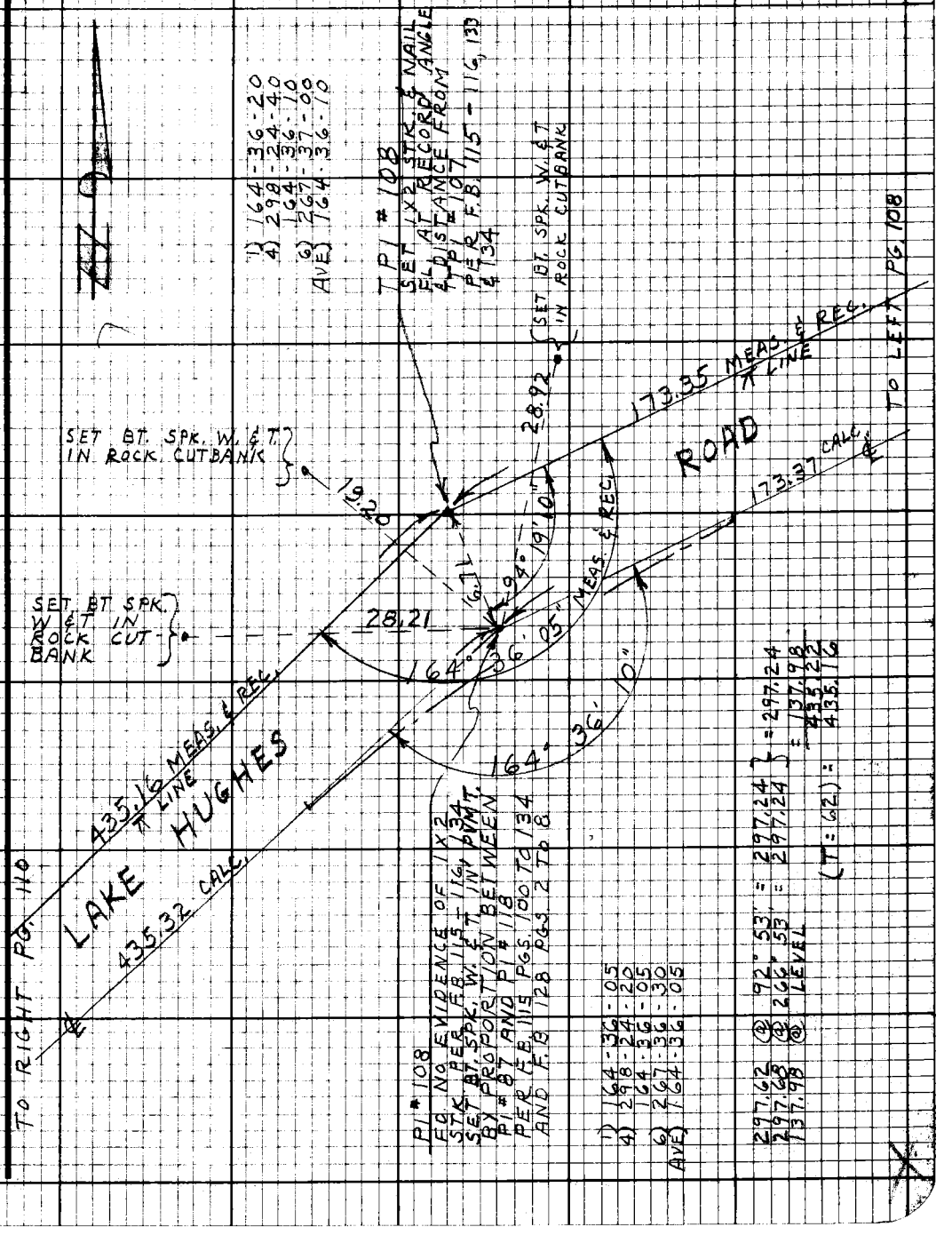
Checked	Notes J. C. P. Date 4-10-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 109



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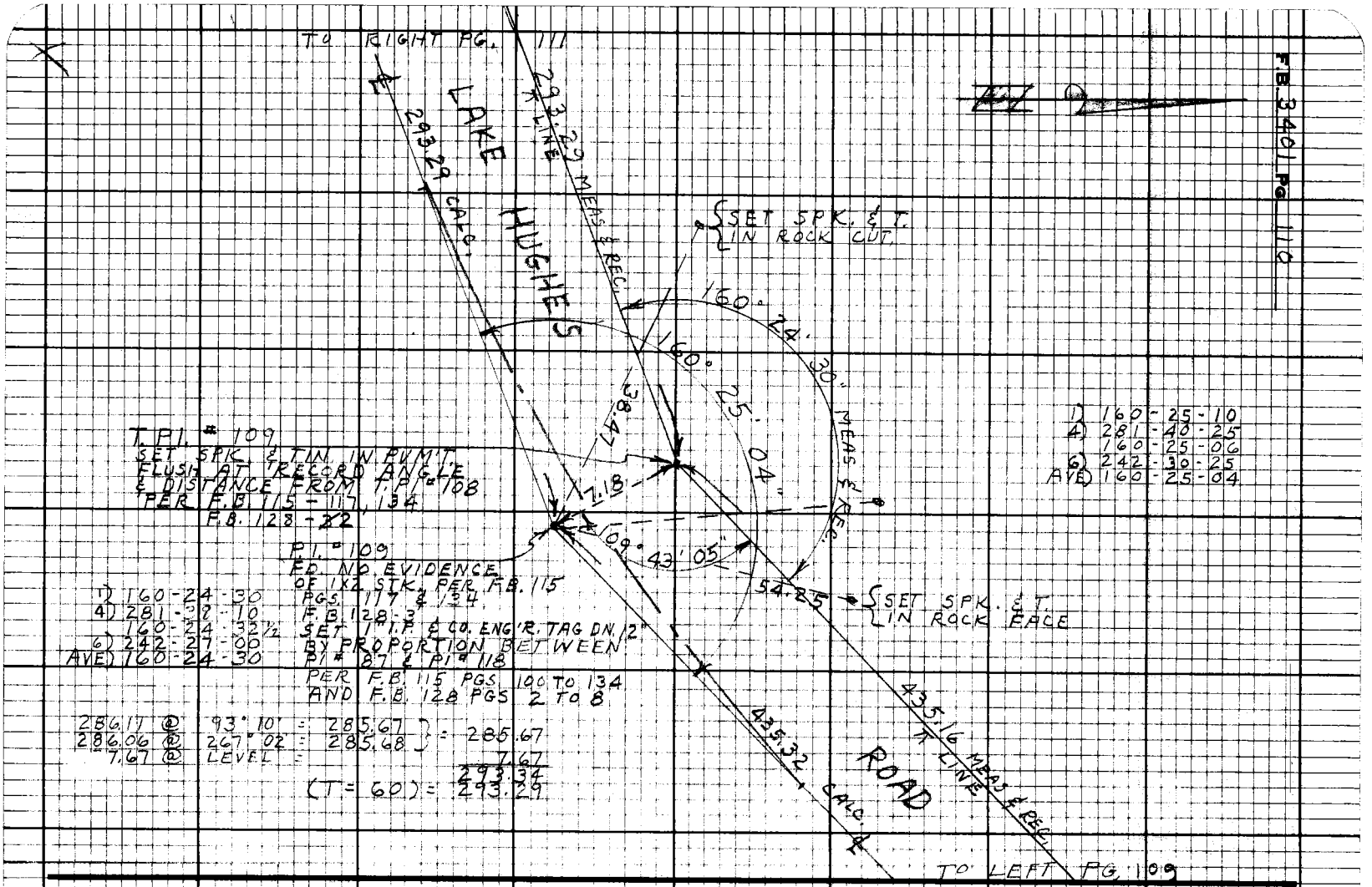
75F3C98 CE#310 9-67



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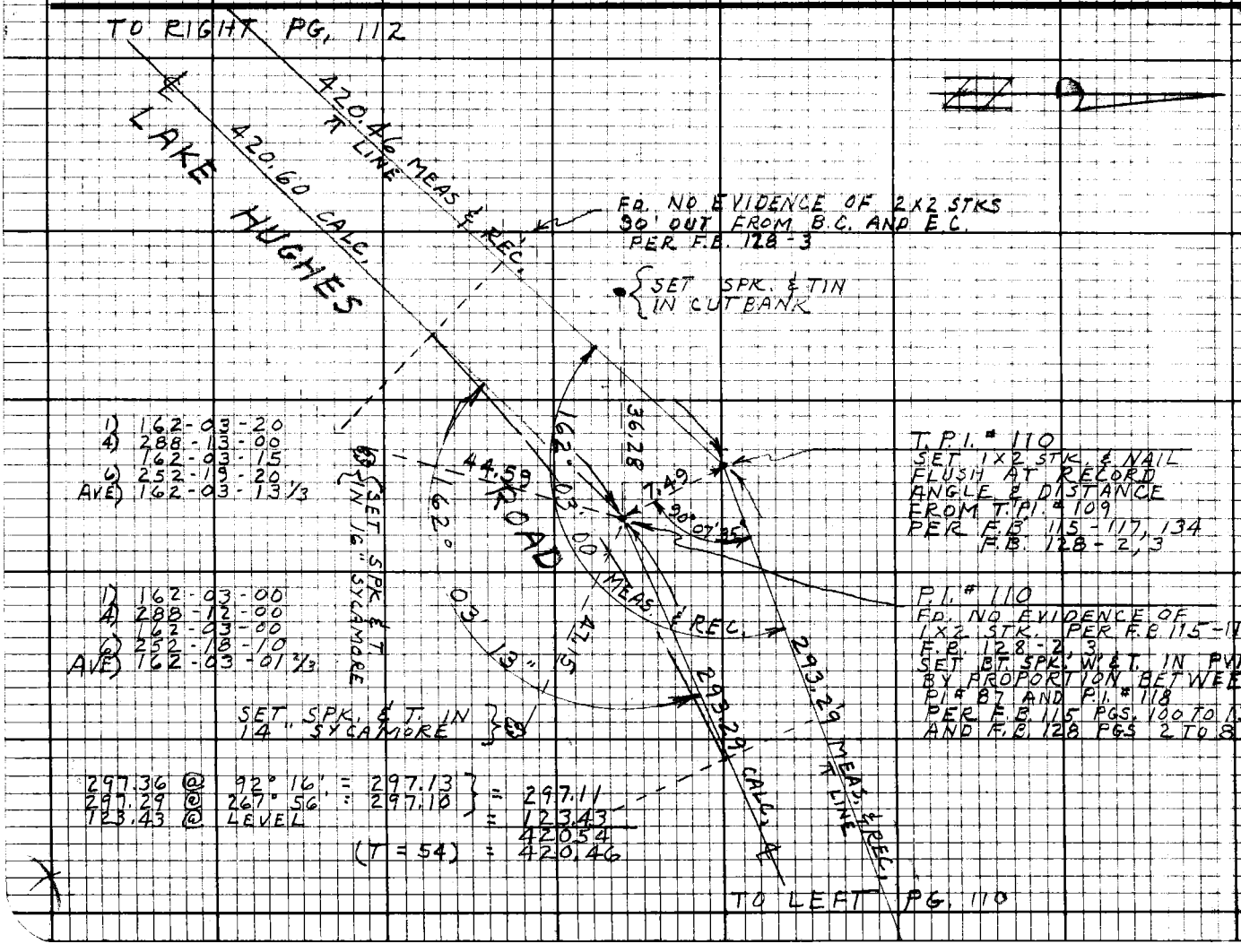

Notes Ck'd by
Map No.
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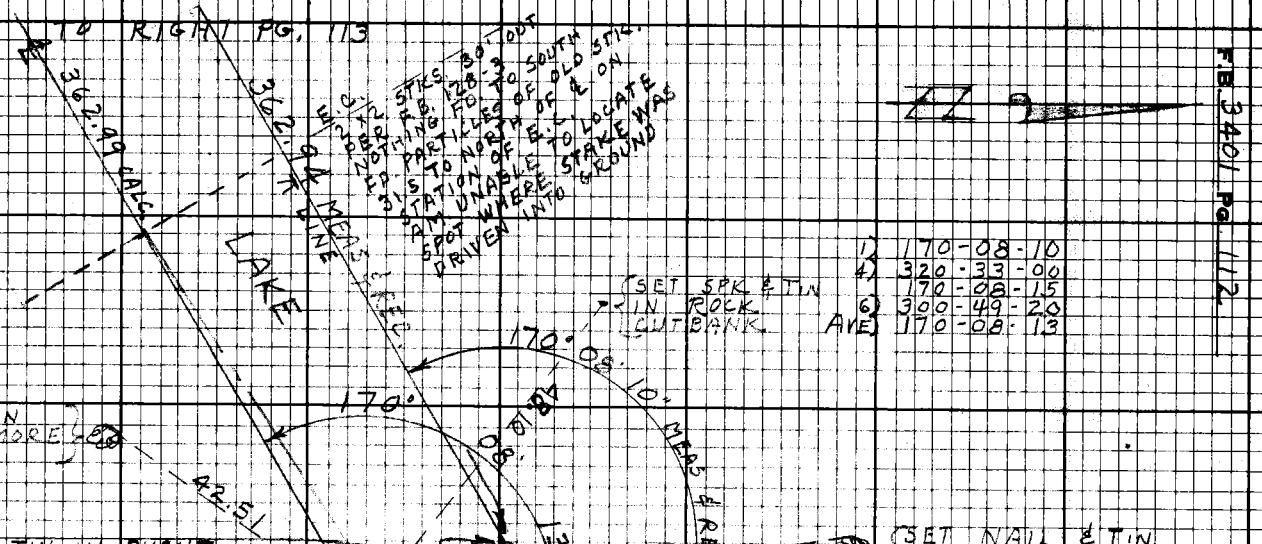
Date

Survey of LK. HUGHES RD.
JN 0097.39 Tape 186 Std 84 "F"
Surveyed by J.C. PIERCE
Notes J.C.P. Date 4-15-70
Index D. BAILEY OCT 24 1971

F.B. 3401 PG. 111



1) 170-08-10
4) 320-33-00
170-08-15
6) 300-49-20
AVE) 170-08-13

T.P.I. # 111
SET NAIL & TIN IN PVM'T. FLUSH AT RECORD ANGLE & DISTANCE FROM AB/210 PER F.B. 128-3

P.I. # 111
FD NO EVIDENCE OF 1x2 STK PER F.B. 128-3 SET A BT. SPK W/ & TIN DN. 1" IN PVM'T. BY PROPORTION BETWEEN P.I. # 87 & P.I. # 118 PER F.B. 815 PGS. 100 TO 134 AND F.B. 128 PGS. 2 TO 8

1) 170-08-10
4) 320-32-35
170-08-08
6) 300-49-00
AVE) 170-08-10

300.45 @ 91°19' = 300.37
300.44 @ 268°50' = 300.38 = 300.37
62.65 @ LEVEL = 62.65
363.02
(T = 52) = 362.94

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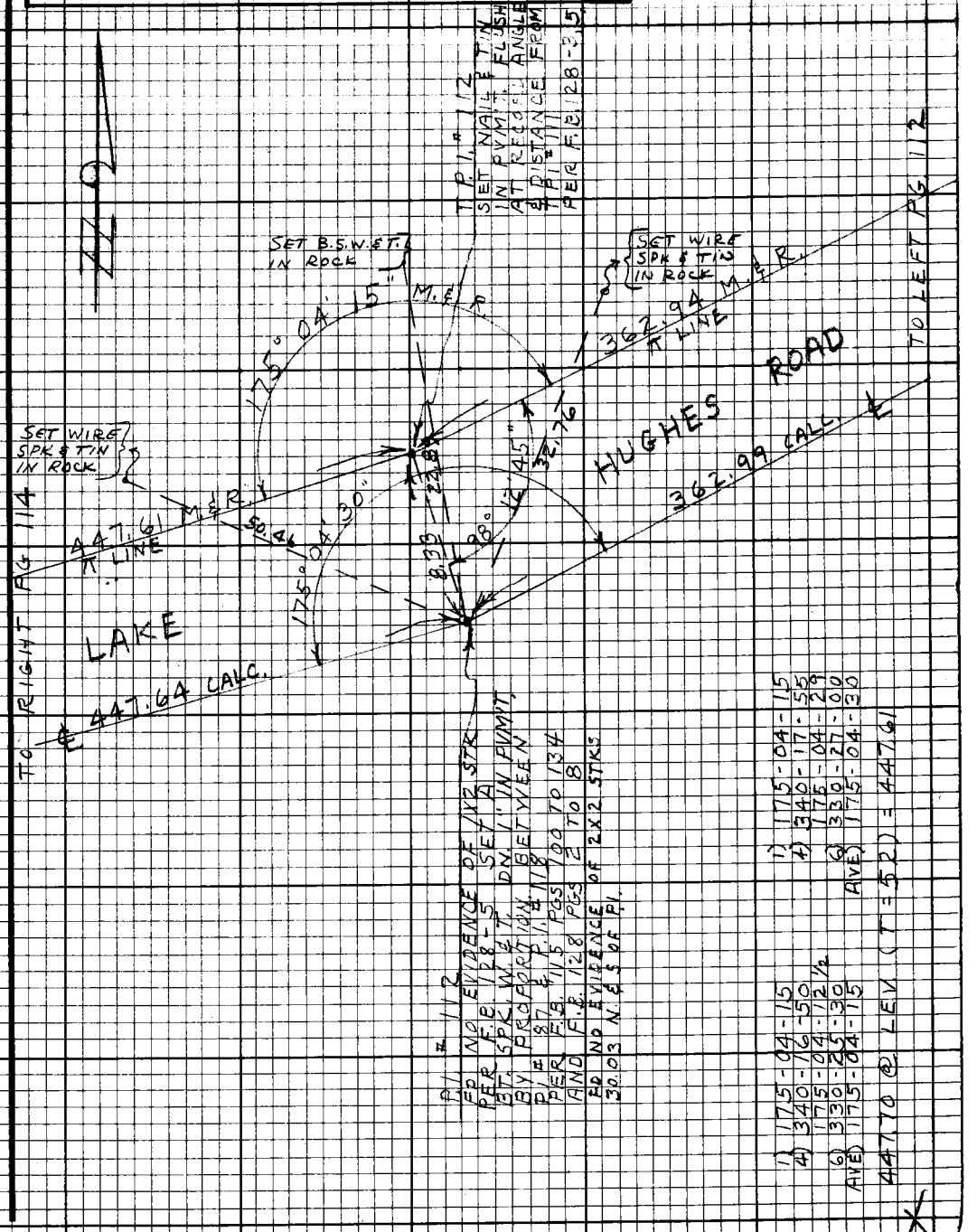
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 186 Std 82 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 4-16-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 113



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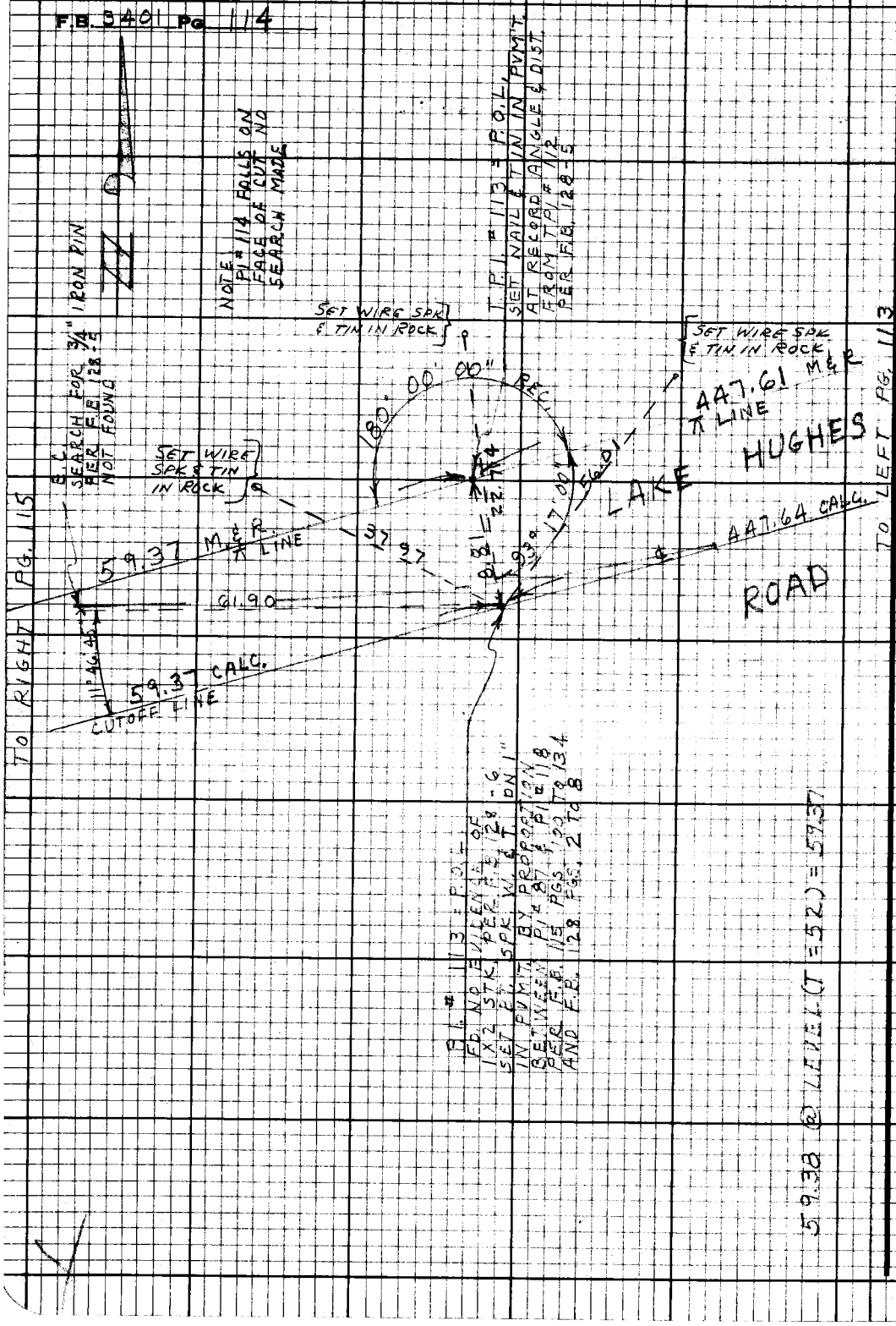
76F3098 CE#310 9-67



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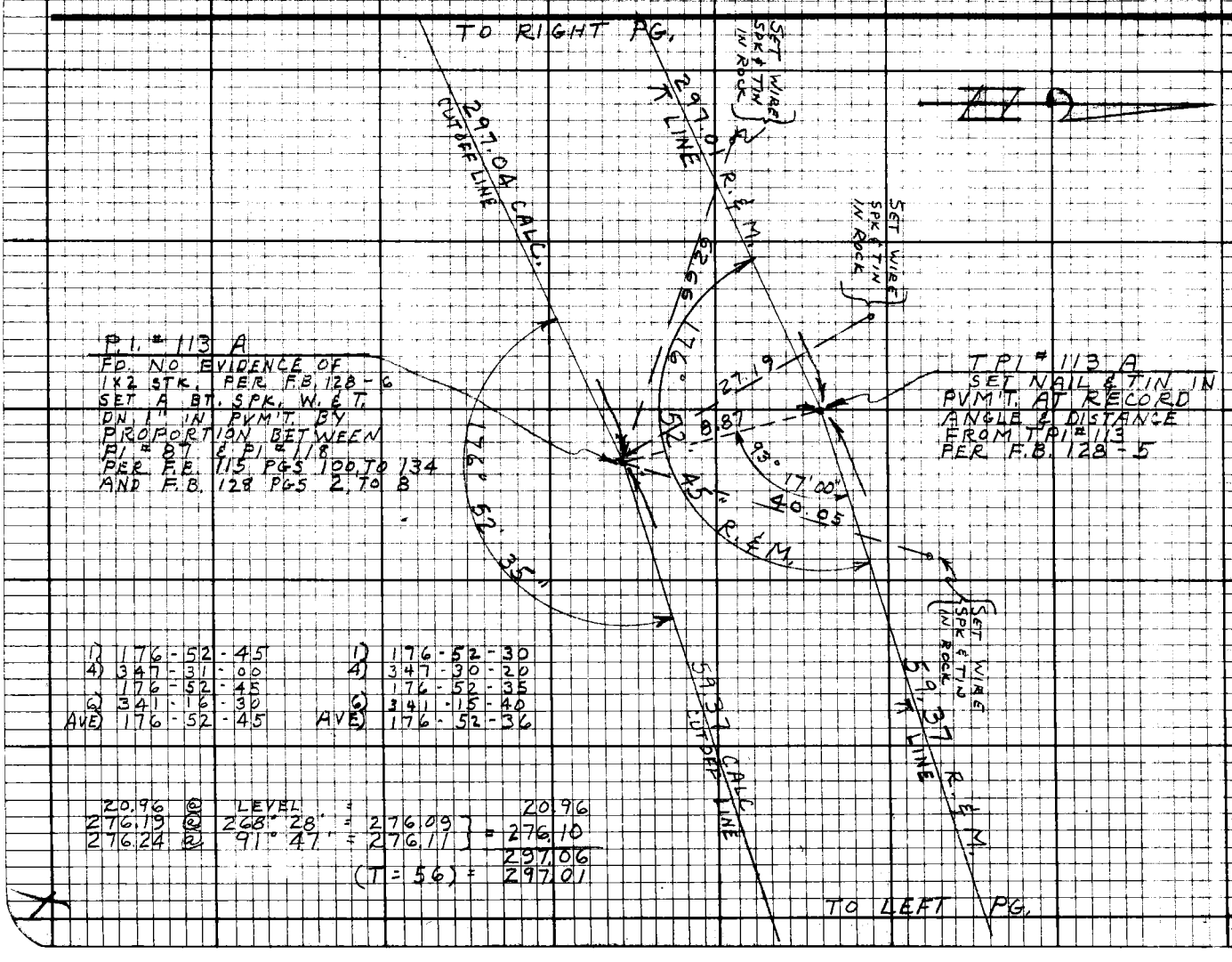
Office Work
Checked
Date

Survey of LAKE HUGHES RD.
JN 0097-30 Tape 186 Std 84-7
Surveyed by J. C. PIERCE
Notes J. C. P. Date 4-17-78
Indexed D. BAILEY OCT 24 1973

F.B. 3401 Pg. 115

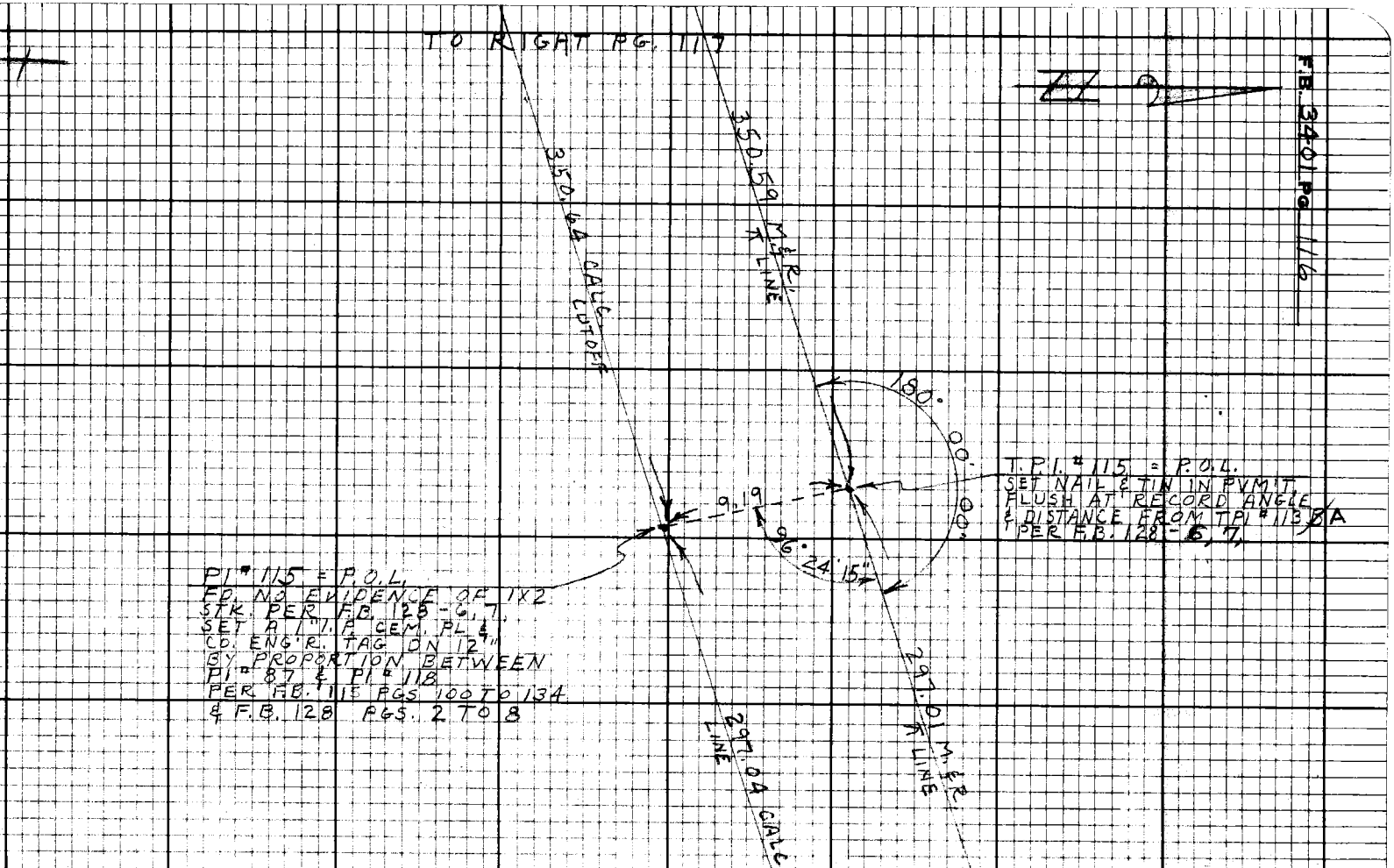


PI. # 113 A
FD. NO EVIDENCE OF
1X2 STK. PER F.B. 128-6
SET A BT. SPK. W. & T.
DN 1" IN PVM'T. BY
PROPORTION BETWEEN
PI # 87 & PI # 118
PER F.B. 115 PGS 100 TO 134
AND F.B. 128 PGS 2 TO 8

1)	176-52-45	1)	176-52-30
4)	347-31-00	4)	347-30-20
5)	176-52-45	5)	176-52-35
6)	341-16-30	6)	341-15-40
AVE)	176-52-45	AVE)	176-52-36

20.96	@	LEVEL	=		20.96
276.19	@	268° 28'	=	276.09	= 276.10
276.24	@	91° 47'	=	276.11	
					297.06
			(T = 56)	=	297.01

TO RIGHT PG. 117



TO LEFT PG. 115

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7EFSC9A CE#310 8-67

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TO TOP RIGHT PG. 118

℄ LAKE HUGHES ROAD

S 35-41-20-W REC.
260.86 M.&R. LINE
260.99 CALC.

173.81 @ 274°49' = 173.20
− 1.63 @ LEV. = − 1.63
171.57

157.75 @ LEV (T=80) = 157.75
68.13 @ LEV (T=80) = 68.13

SET NAIL IN 15" SYCAMORE

P.I. #116 B
FD. NO EVIDENCE OF 1X2 STK PER F.B. 128-6,7
SET A 1" I.P. & CO. ENG'R. TAG
EL. BY PROPORTION BETWEEN P.I. #87 & P.I. #118 PER F.B. 115 PGS 100 TO 134 & F.B. 128 PGS. 2 TO 8

1)	158-14-30
4)	272-58-00
	158-14-30
6)	229-27-05
AVE)	158-14-31

SET NAIL & T IN 10" SYCAMORE

1)	158-15-00
4)	273-00-00
	158-15-00
6)	229-30-10
AVE)	158-15-01

F.O.L. SET NAIL

246.60 @ 93°09' = 246.23
246.52 @ 267°08' = 246.21
14.68 @ LEVEL = 14.68
260.90
(T = 60) = 260.86

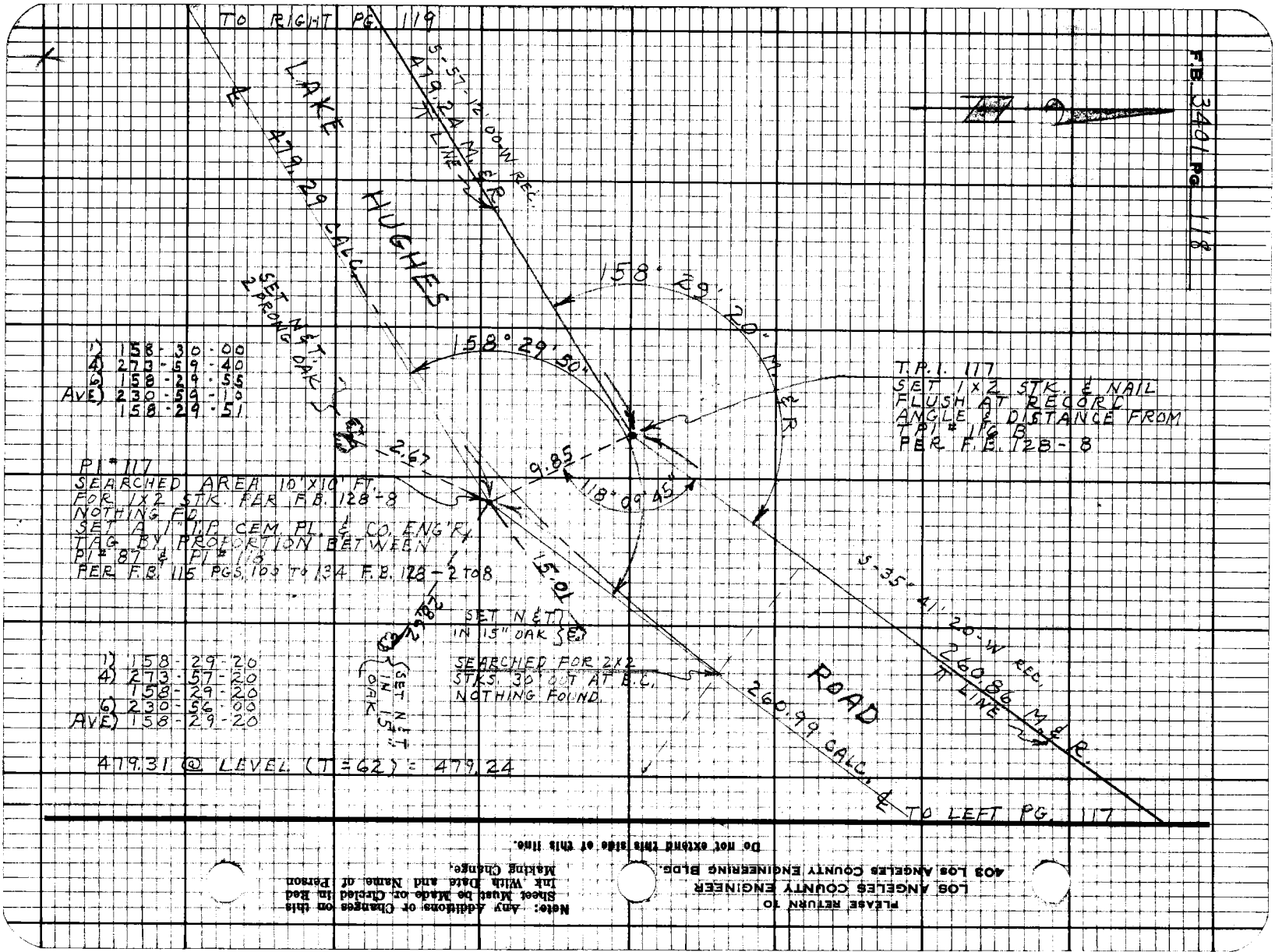
158°14'30"
54.86
9.51
96°24'15"
50°15'00"
30' M&R.
157.75
38.31
68.13
T.P.I. #116 B
SET 1X2 STK. & N.
FL. AT RECORD ANGLE & DISTANCE FROM T.P.I. #115 PER F.B. 128-PGS 6,7
P.I. #116 A
SET ARCHED AREA OF 10 RADIUS NO EVIDENCE OF 1X2 FD. PER F.B. 128-6 NOTHING SET
171.57 TAN. FROM P.I. #116 A
P.I. #116 A
NOTE SEARCH NOTHING SET
350.64 A CALC.
CUTOFF LINE
S 57-29-50" W REC.
350.59 M&R. LINE
SET NAIL IN 14" SYCAMORE

TO LEFT PG. 116

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

Survey of L.K. HUGHES RD.
JN 84-973 Tag 147 BOX 84-77
Surveyed by J. C. PIERCE
Notes J. C. P. Date 4-17-70
Indexed D. D. BAILEY OCT 24 1970

FB 3401 PG 117



F.B. 3401 PG. 118
TO RIGHT PG. 119
LAKE HUGHES ROAD
℄ 479.29 CALC.
479.24 M.&R.
S-57-12'00"W REC.
π LINE
158°29'20" M.&R.
158°29'50"
SET N&T 2 PRONG OAK
1) 158-30-00
4) 273-59-40
6) 158-29-55
AVE) 230-59-10
158-29-51
T.P.I. 117
SET 1x2 STK. & NAIL FLUSH AT RECORD ANGLE & DISTANCE FROM TPI # 116 B PER F.B. 128-8
2.67
9.85
118°09'45"
PI # 117
SEARCHED AREA 10'x10' FT. FOR 1x2 STK. PER F.B. 128-8 NOTHING FD.
SET A 1" I.P. CEM. PL. & CO. ENG'R. TAG BY PROPORTION BETWEEN PI # 87 & PI # 118 PER F.B. 115 PGS. 103 TO 134 F.B. 128-2 TO 8
15.01
S-35-41'20"W REC.
260.86 M.&R.
π LINE
SET N&T IN 15" OAK
SEARCHED FOR 2x2 STKS. 30' OUT AT B.C. NOTHING FOUND.
1) 158-29-20
4) 273-57-20
158-29-20
6) 230-56-00
AVE) 158-29-20
SET N&T IN 15" OAK
260.99 CALC.
℄ TO LEFT PG. 117
479.31 @ LEVEL (T=62) = 479.24
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Notes Ck'd by	Survey of LAKE HUGHES RD
Map No.	JN 0097.39 Tape 147 Std 84 °F
Office Work	Surveyed by J. C. PIERCE
Checked	Notes J. C. PIERCE Date 4-23-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 119

W.S. 77B

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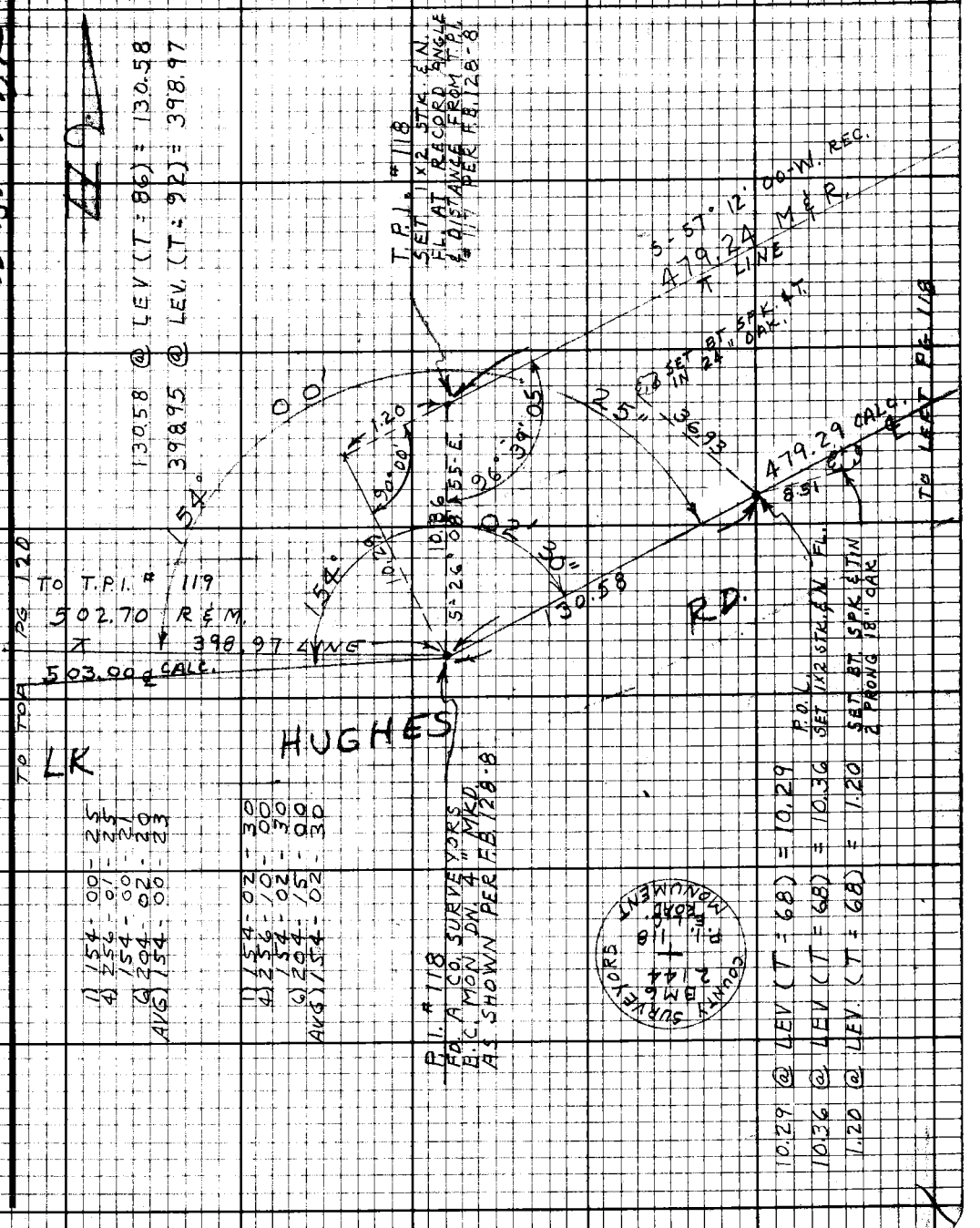


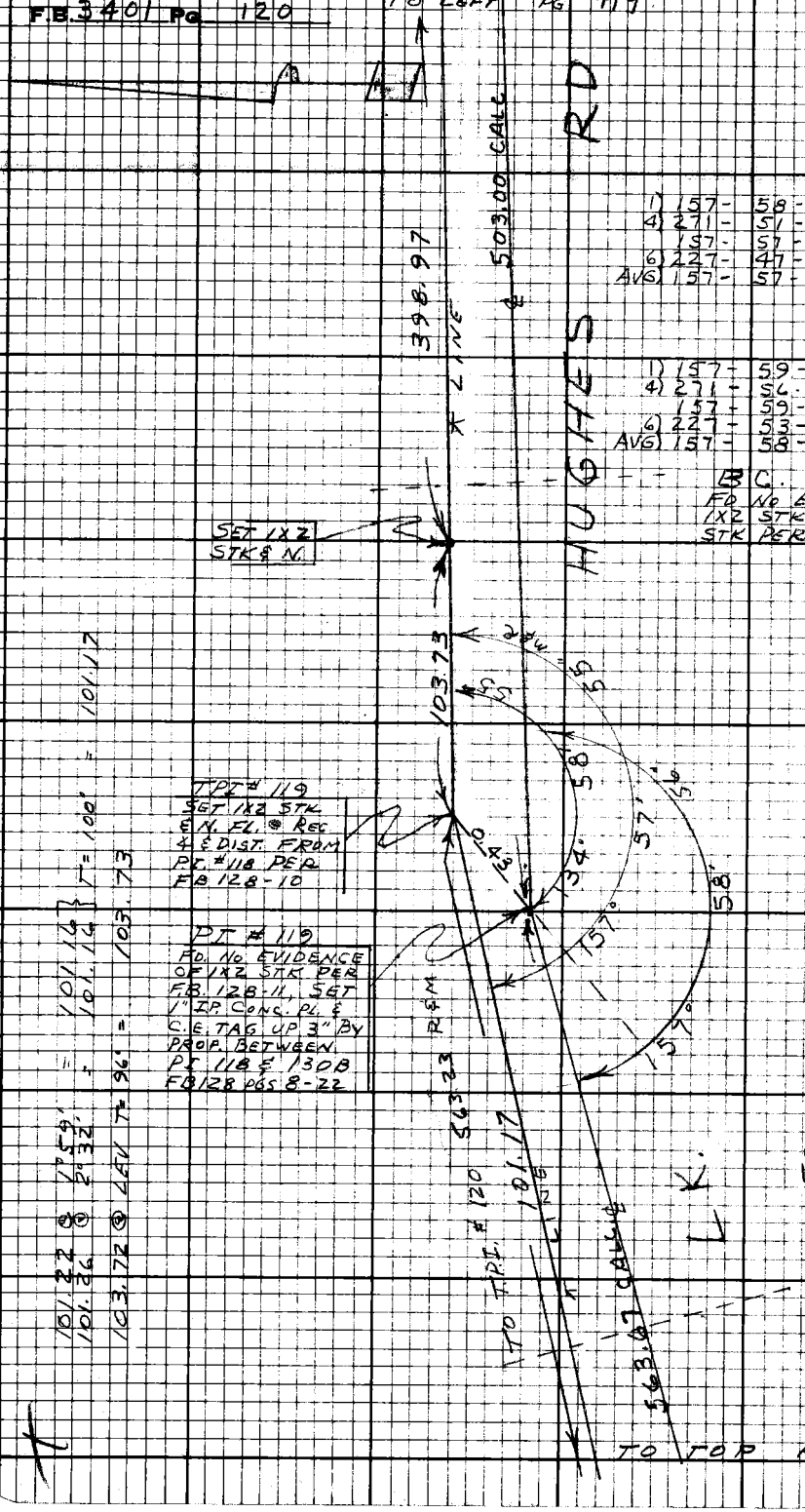
1) 154-00-25
4) 256-01-25
154-00-21
6) 204-02-20
AVG) 154-00-23

1) 154-02-30
4) 256-10-00
154-02-30
6) 204-15-00
AVG) 154-02-30

76F3098 CE#310 9-67

F.B. 3401 Pg 120

TO LEFT PG 119



1)	157 -	58 -	00
4)	271 -	57 -	40
	157 -	57 -	54
6)	227 -	47 -	50
AVG)	157 -	57 -	53

1)	157 -	59 -	00
4)	271 -	56 -	00
	157 -	59 -	00
6)	227 -	53 -	40
AVG)	157 -	58 -	54 2/3

B.C.
FD. NO EVIDENCE OF
1X2 STK OR 2X2 R/W
STK PER FB 128-11

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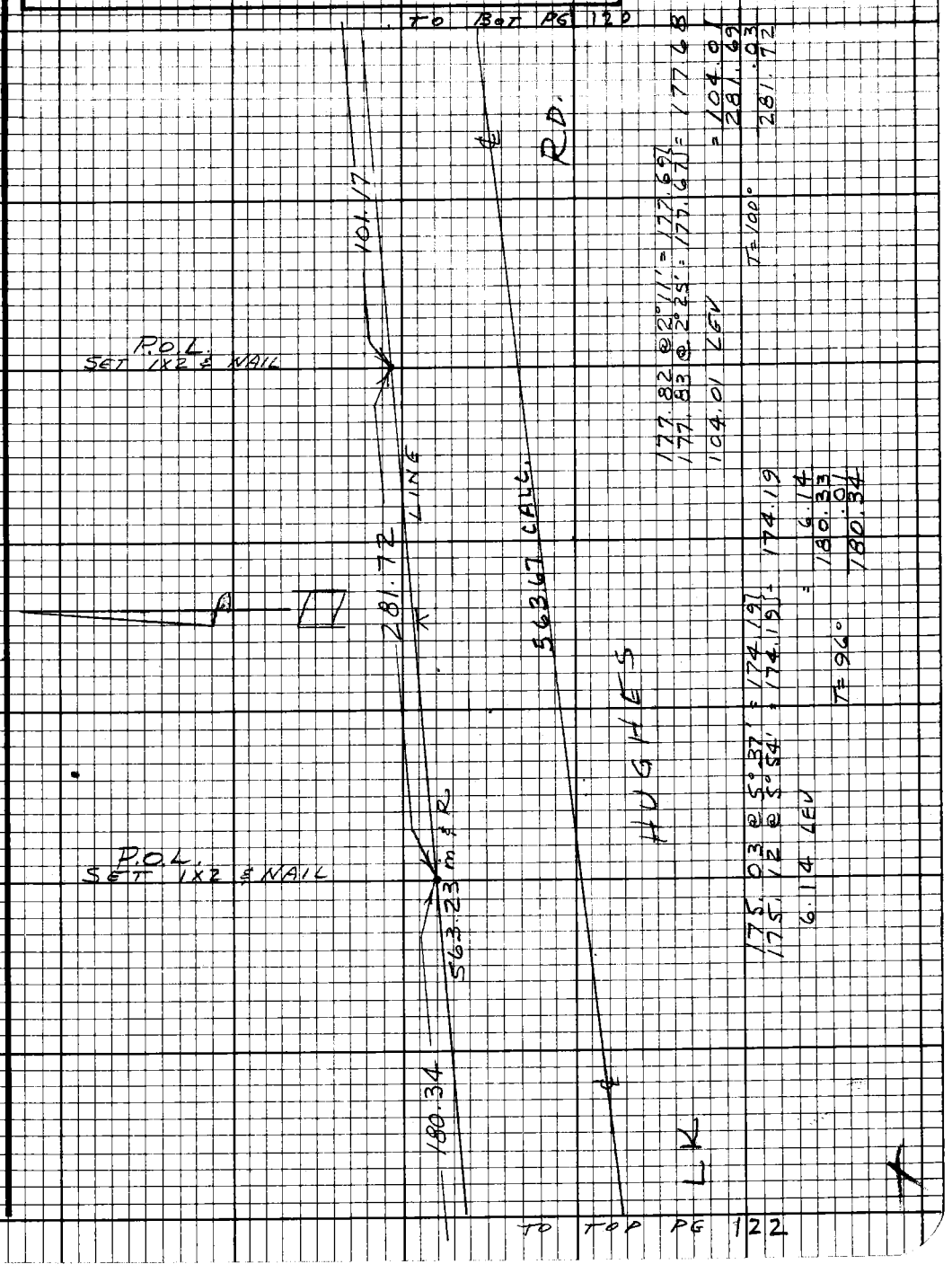
Office Work	Surveyed by J.C. PIERCE
Checked	Notes N.C.P. Date 4-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 121



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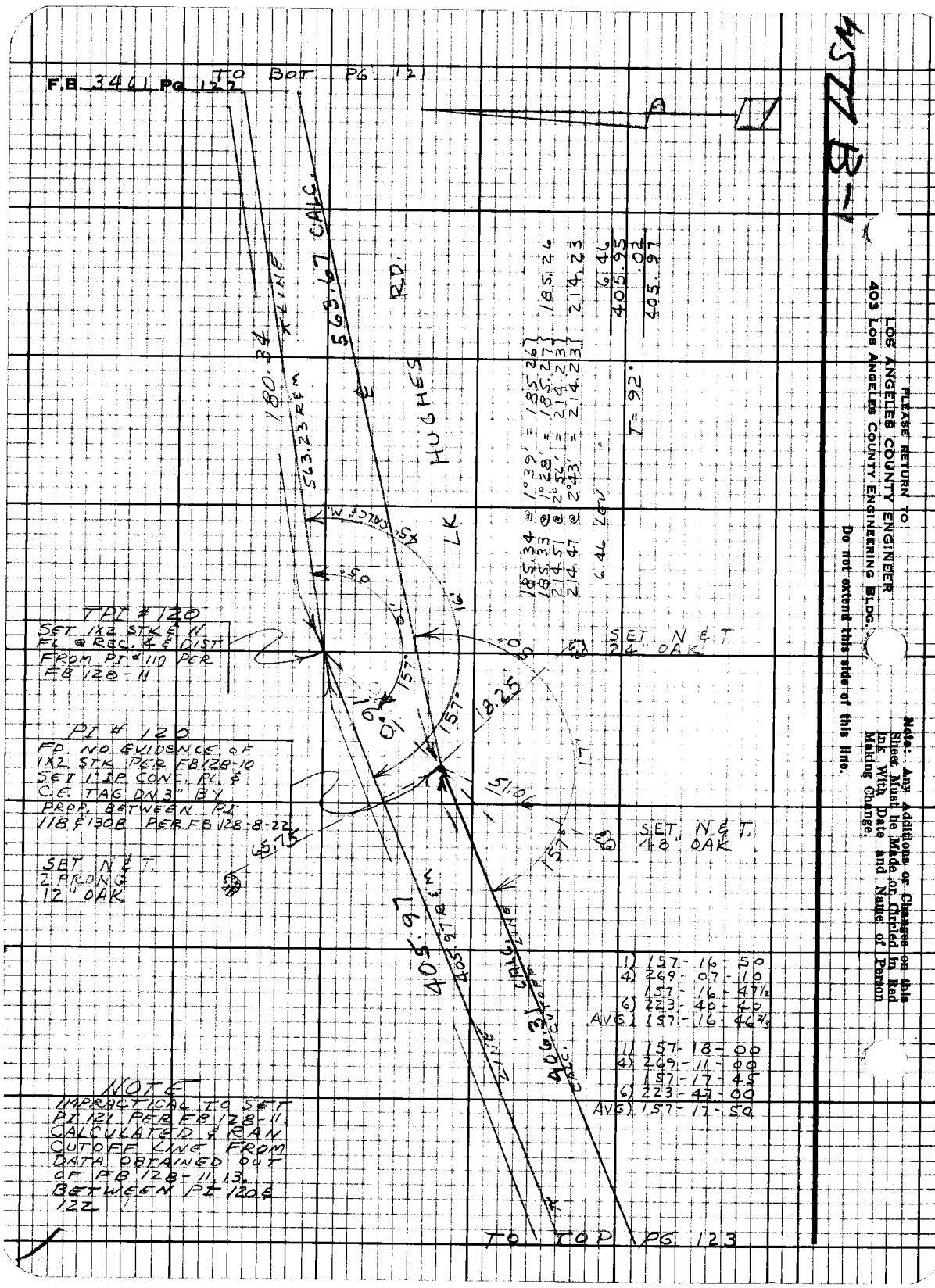
76E3093 CE#310 9-67



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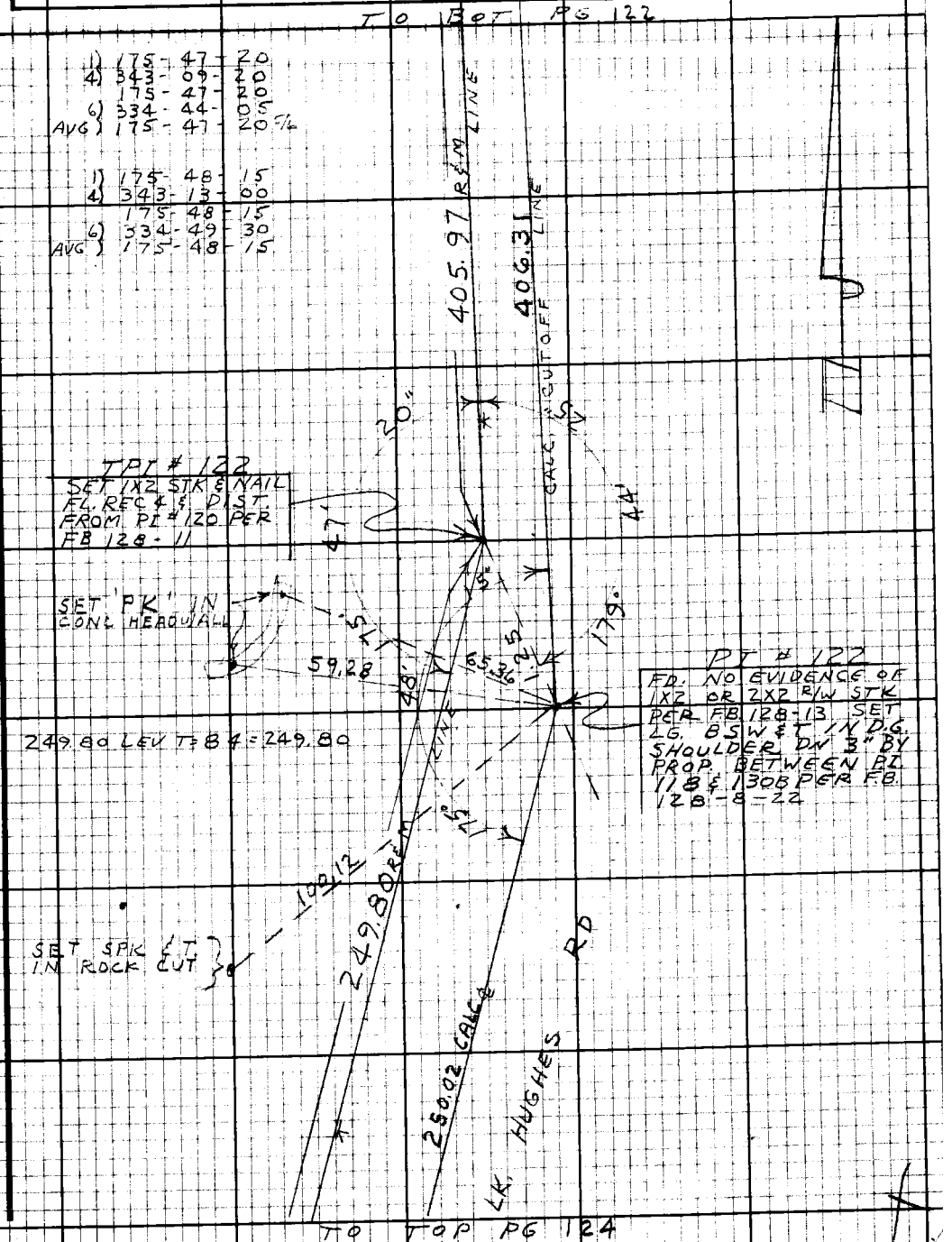
Office Work
Checked
Date

Survey of LK. HUGHES RD
JN 0097.39 Tape 147 Std 84 °F
Surveyed by J.C. PIERCE
Notes J.C.P. Date 4-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 123



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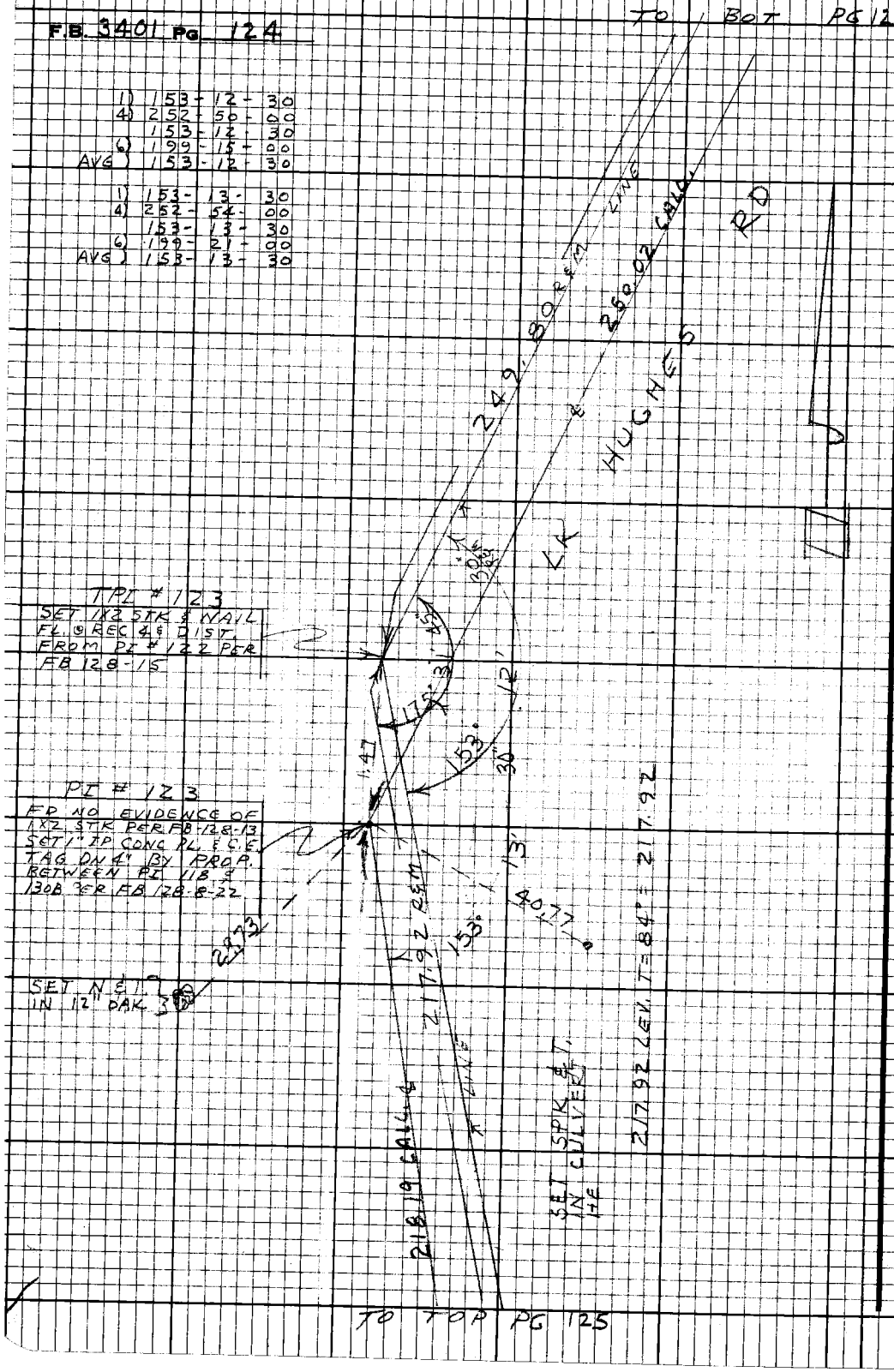
16F309B CE #310 9167

F.B. 3401 Pg 124

1)	153 -	12 -	30
4)	252 -	50 -	00
	153 -	12 -	30
6)	199 -	15 -	00
AVG	153 -	12 -	30

1)	153 -	13 -	30
4)	252 -	54 -	00
	153 -	13 -	30
6)	199 -	21 -	00
AVG	153 -	13 -	30



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Map No.
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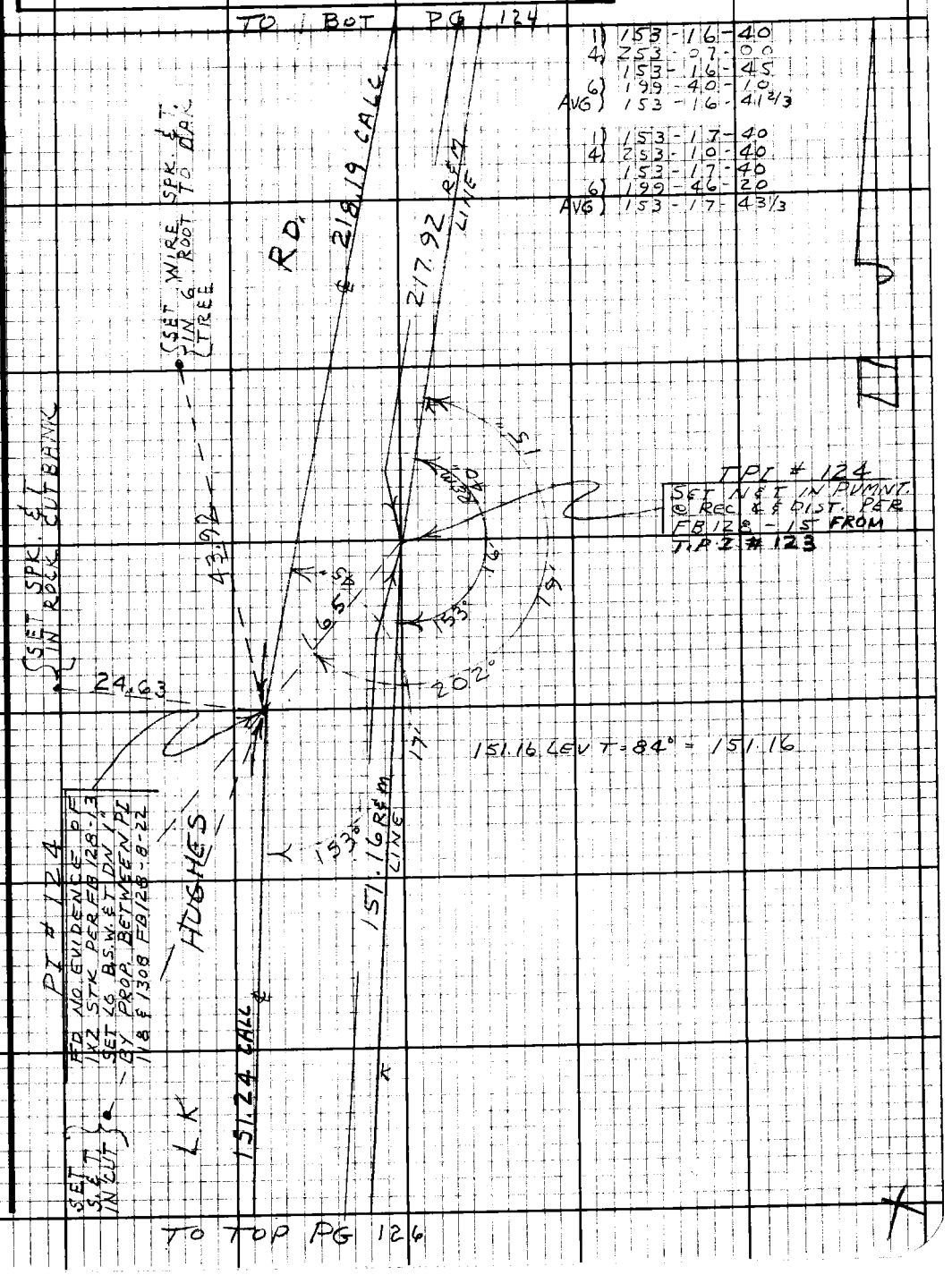
Checked
Date

Survey of LK HUGHES RD
JN 0097.39 Tape 147 Std 84°F
Surveyed by J.C. PIERCE
Notes J.C.P. Date 4-78
Indexed G. D. BAILEY OCT 24 1978

F.B. 3401 PG. 125



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76F3098 CE#310 9-67

F.B. 3401 Pg 126

TO BOT PG 125

1)	162	- 16	-	50
4)	289	- 07	-	20
	162	- 16	-	500
6)	253	- 41	-	10
AVG)	162	- 16	-	51 7/3

1)	162	- 18	-	20
4)	289	- 12	-	000
	162	- 18	-	000
6)	253	- 48	-	000
AVG)	162	- 18	-	00

TO TOP PG 127

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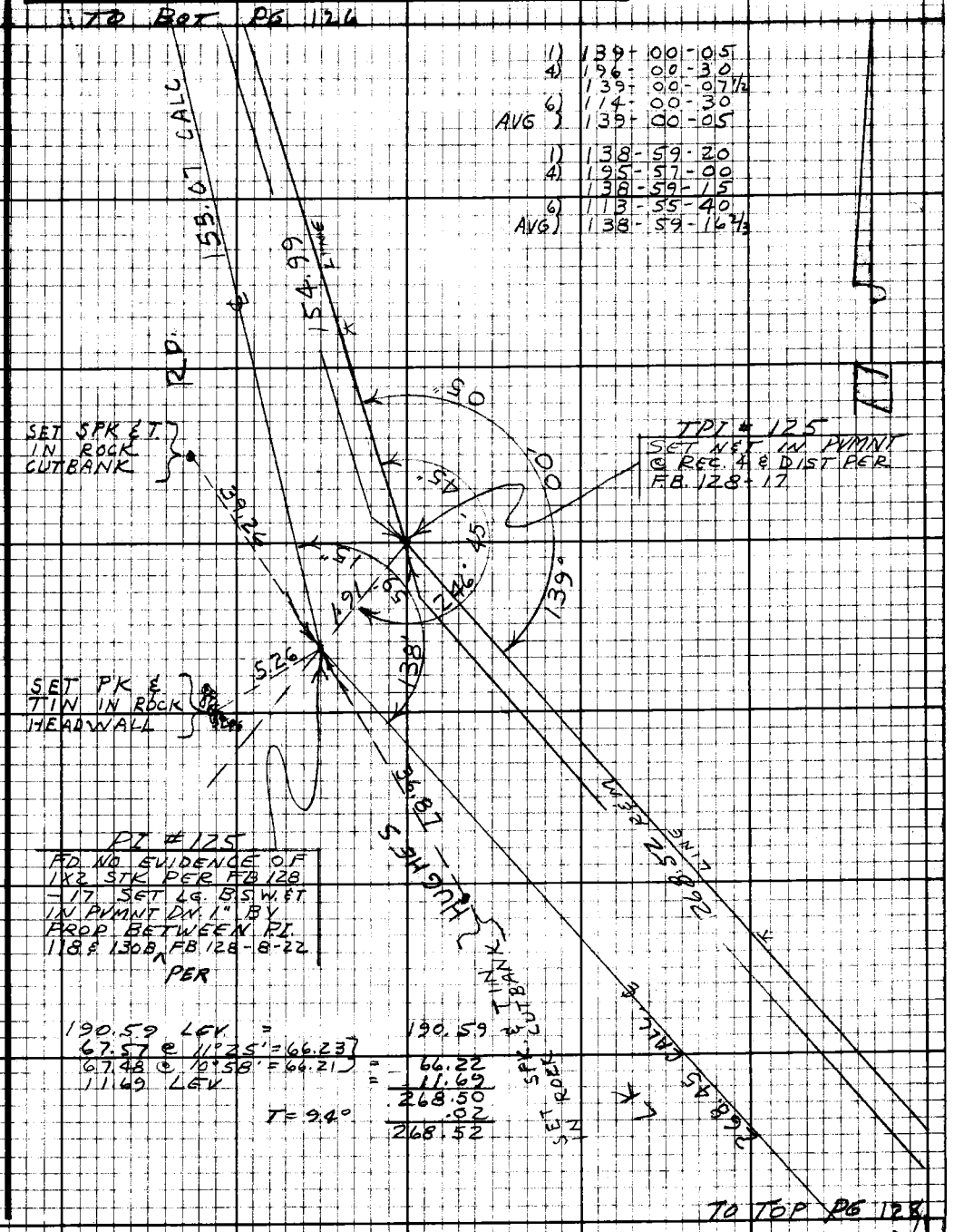
Notes Ck'd by	Survey of LK HUGHES RD
Map No.	JN 0097-39 Tape 147 Std 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J.C.P. Date 4-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 127

TO BOT PG 126



TO TOP PG 128

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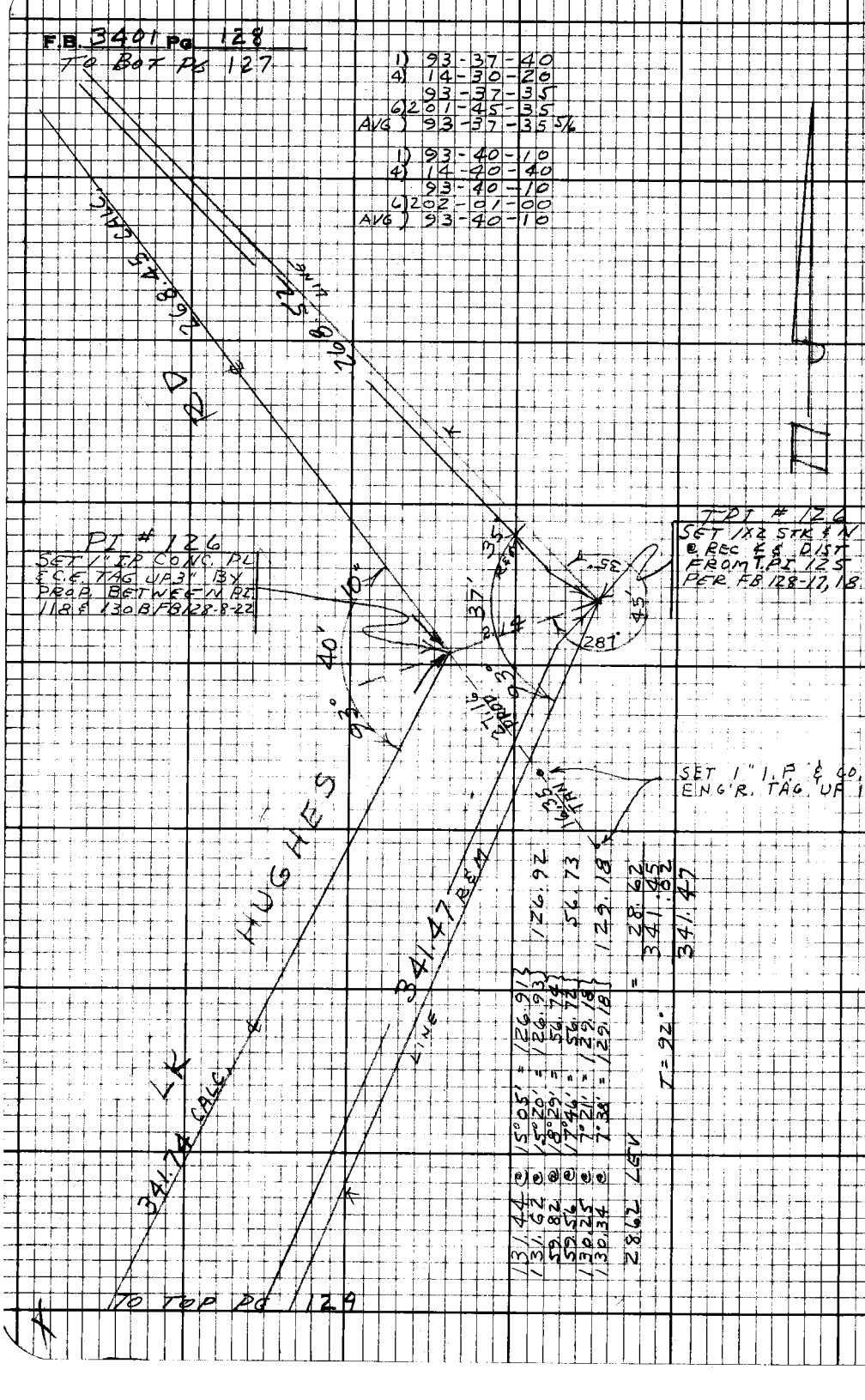
76F3098 CE#310 9.67

F.B. 3401 Pg 128

To Bot Pg 127

1) 93-37-40
4) 14-30-20
93-37-35
6) 201-45-35
AVG) 93-37-35 5/6

1) 93-40-10
4) 14-40-40
93-40-10
6) 202-01-00
AVG) 93-40-10



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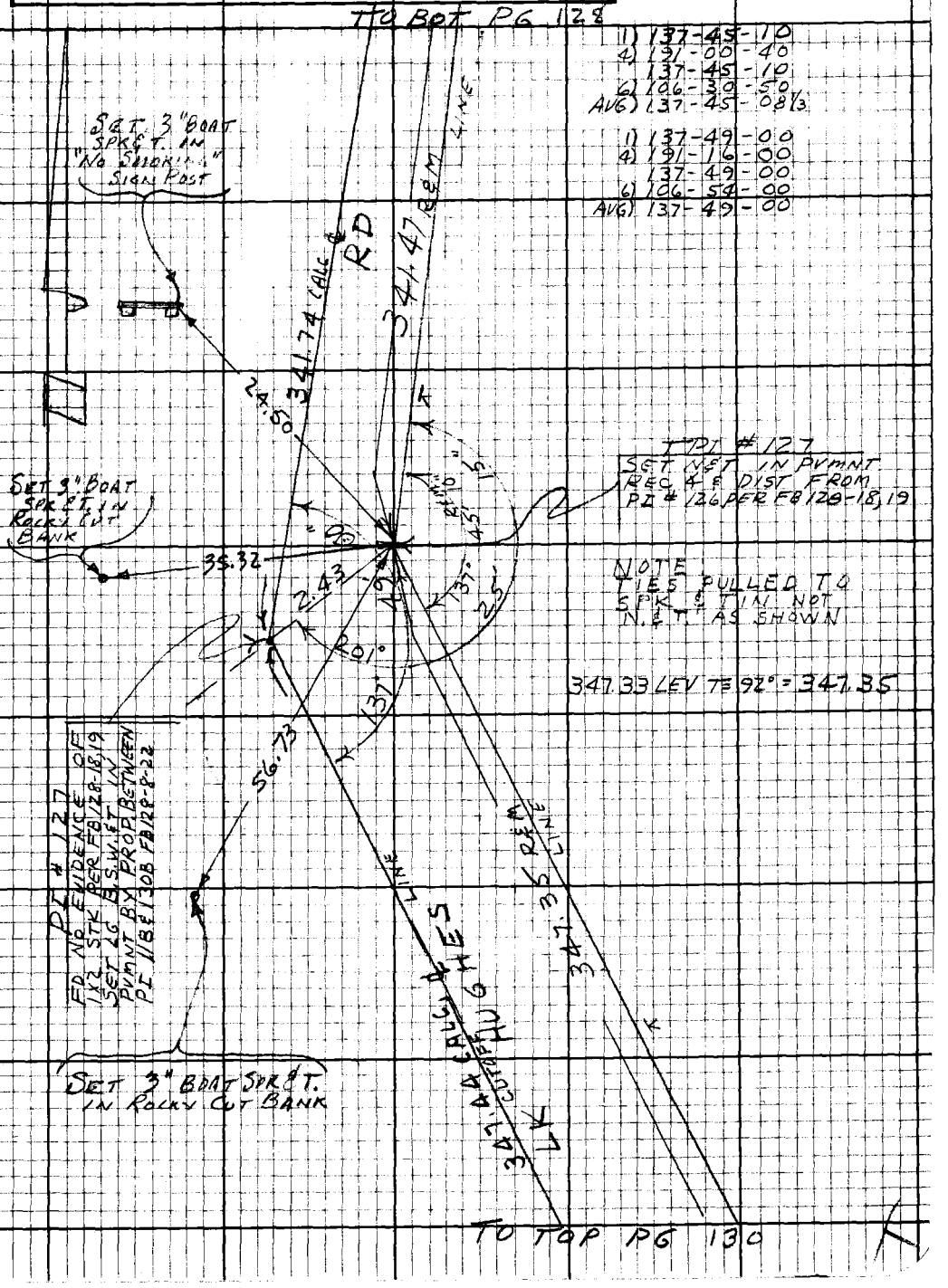
Map No.	JN 0097.39 Tape 147 Std 84 °F
Office Work	Surveyed by J.C. PIERCE
Checked	Notes J C P Date 4-70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 129



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76F309B CE#310 9-67

F.B. 3401 Pg 130 TO BOT PG 129

1) 151 - 58 - 40
4) 247 - 54 - 40
1) 151 - 58 - 40
6) 191 - 52 - 30
AVG) 151 - 58 - 45

1) 152 - 10 - 45
4) 248 - 43 - 00
1) 152 - 10 - 45
6) 193 - 04 - 40
AVG) 152 - 10 - 46 1/3

RD

347.44 CALC CUTOFF LINE

347.35 LINE

SET SPK. & T. IN ROCK CUT

SET PK & TIN IN ROCK CUT

PT #128 A
SET 1X2 STK EN
@ REC & & DIST
FROM PT #127
PER F.B. 128-20

PT #128-A
FD NO EVIDENCE OF
1X2 STK PER FB 128-20
SET 1" IP CONC PL. & CE
TAG UP 3" BY PROF
BETWEEN PT 18 & 130B
FB 128-8-22

134.17 LEV T=90° = 134.18

HUGHES

134.27 CALC CUTOFF LINE

134.18 REM LINE

SET PK & T IN ROCK CUT

TO TOP PG 131

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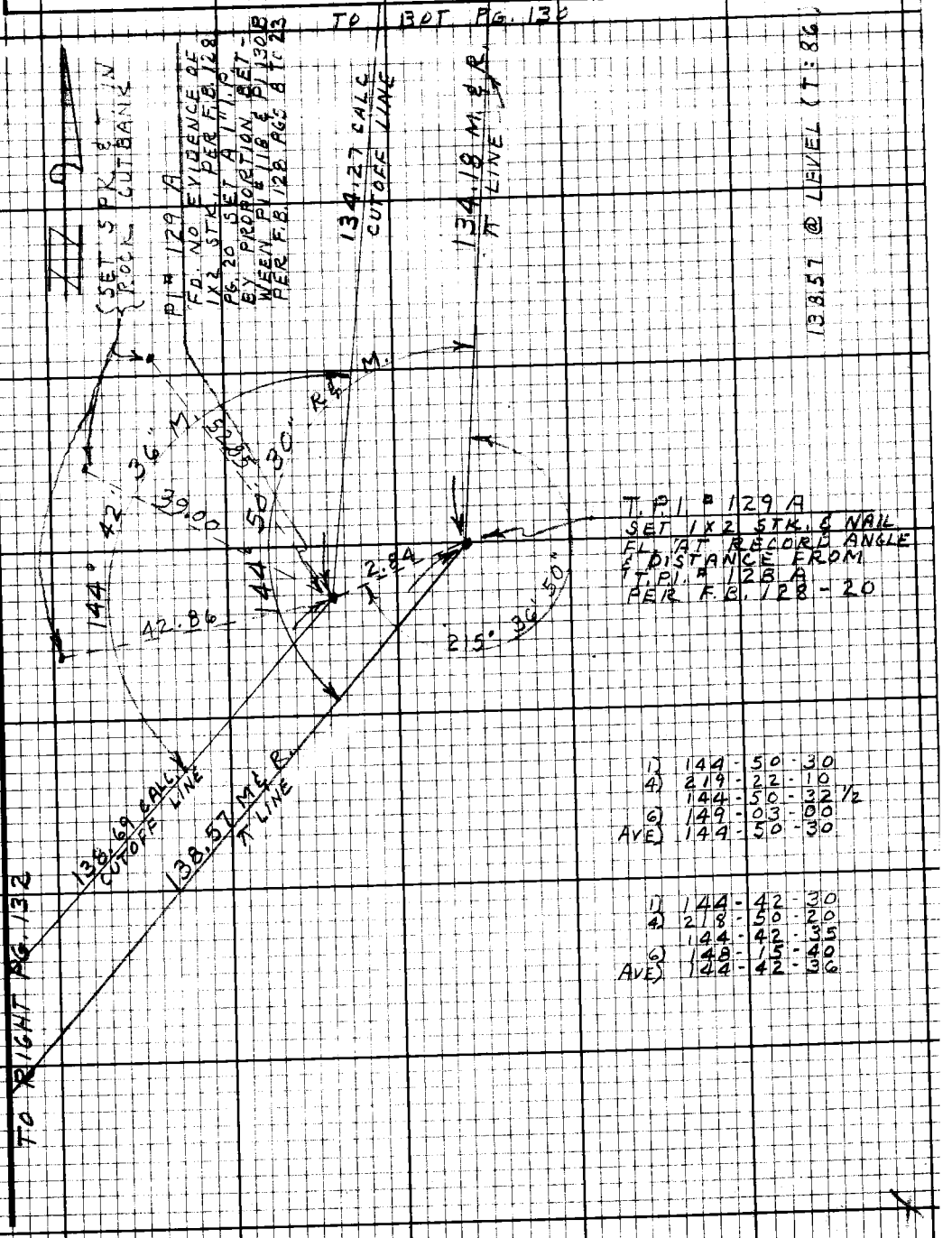
Office Work
Checked
Date

Survey of LK. HUGHES RD.
JN 009739 Tape Std 84°F
Surveyed by J. C. PIERCE
Notes J. C. P. Date 9-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 PG. 131



1) 144-50-30
4) 219-22-10
144-50-32 1/2
6) 149-03-00
AVE) 144-50-30

1) 144-42-30
4) 218-50-20
144-42-35
6) 148-15-40
AVE) 144-42-36

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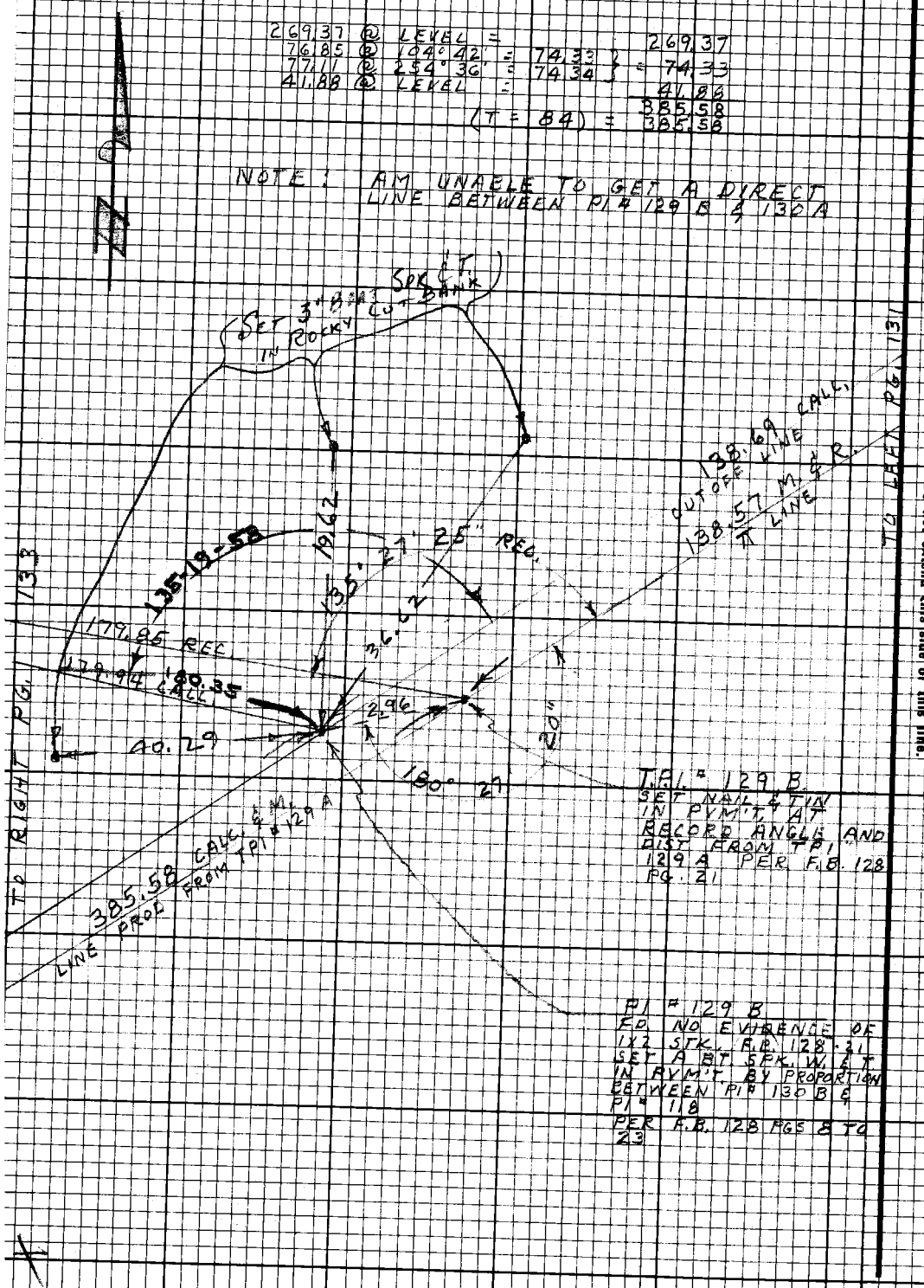
16F3098 CE#310 9-67

F.B. 3491 PG 132

269.37 @ LEVEL =
76.85 @ 104° 42' = 74.33
77.11 @ 254° 36' = 74.34
41.88 @ LEVEL =

} = 269.37
74.33
41.88
385.58
(T = 84) = 385.58

NOTE: AM UNABLE TO GET A DIRECT LINE BETWEEN P.I. # 129 B & 130 A



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Notes Ck'd by
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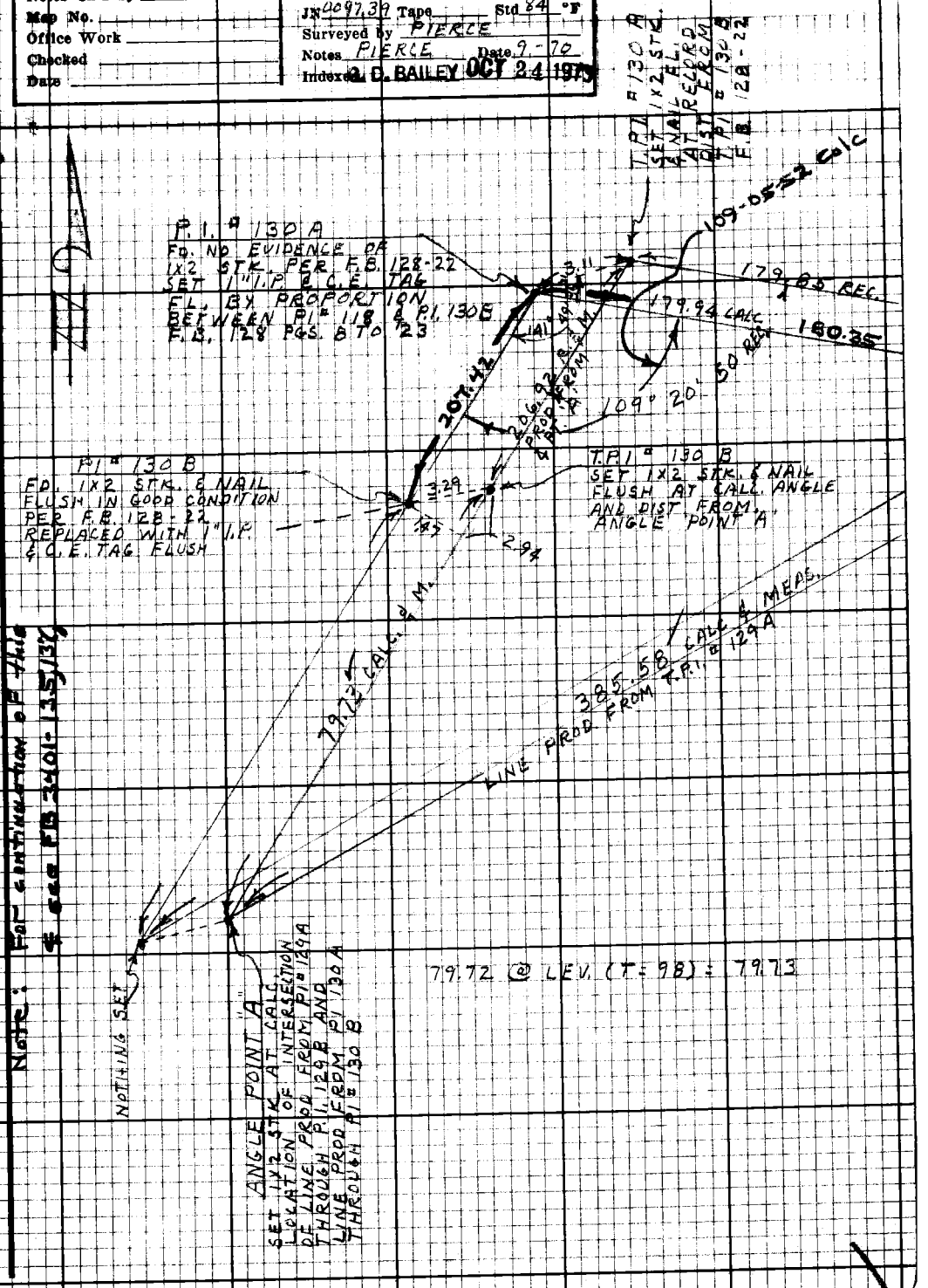
Office Work
Checked
Date

Survey of LK HUGHES RD
JN 0097.39 Tape Std 84 °F
Surveyed by PIERCE
Notes PIERCE Date 9-70
Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 133



Note: For continuation of this # see FB 3401-135, 137

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76F3098 CE#310 9.67

F.B. 3401 Pg 134

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Notes Ck'd by	Survey of LAKE HUGHES ROAD
Map No.	JN 0097.39 Tape 229 Std 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. WRIGHT Date OCT 1970
Date	Index G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 135

LAKE HUGHES ROAD
J.N. 0097.39

1. SHOWING RECORD LINE AS RUN FROM P.I. 130B S'LY TO P.I. 143.
2. P.I.'S 131 THROUGH 142 AS SET BY PROPORTION BETWEEN P.I. 130-B AND P.I. 143.
3. P.I. 143 SET @ RECORD LINE & DIST. FROM P.O.T. 539+67.24.
4. SURFACE TIES ON ALL PROPORTIONED P.I.'S, P.O.S.T.'S & P.O.T.'S.

REFS:
F.B. 128
F.B. 1683

Pg's. 135-152

PARTY:
C. L. WRIGHT
M. R. NEVAREZ
T. A. DONLEVY
K. V. CROWE

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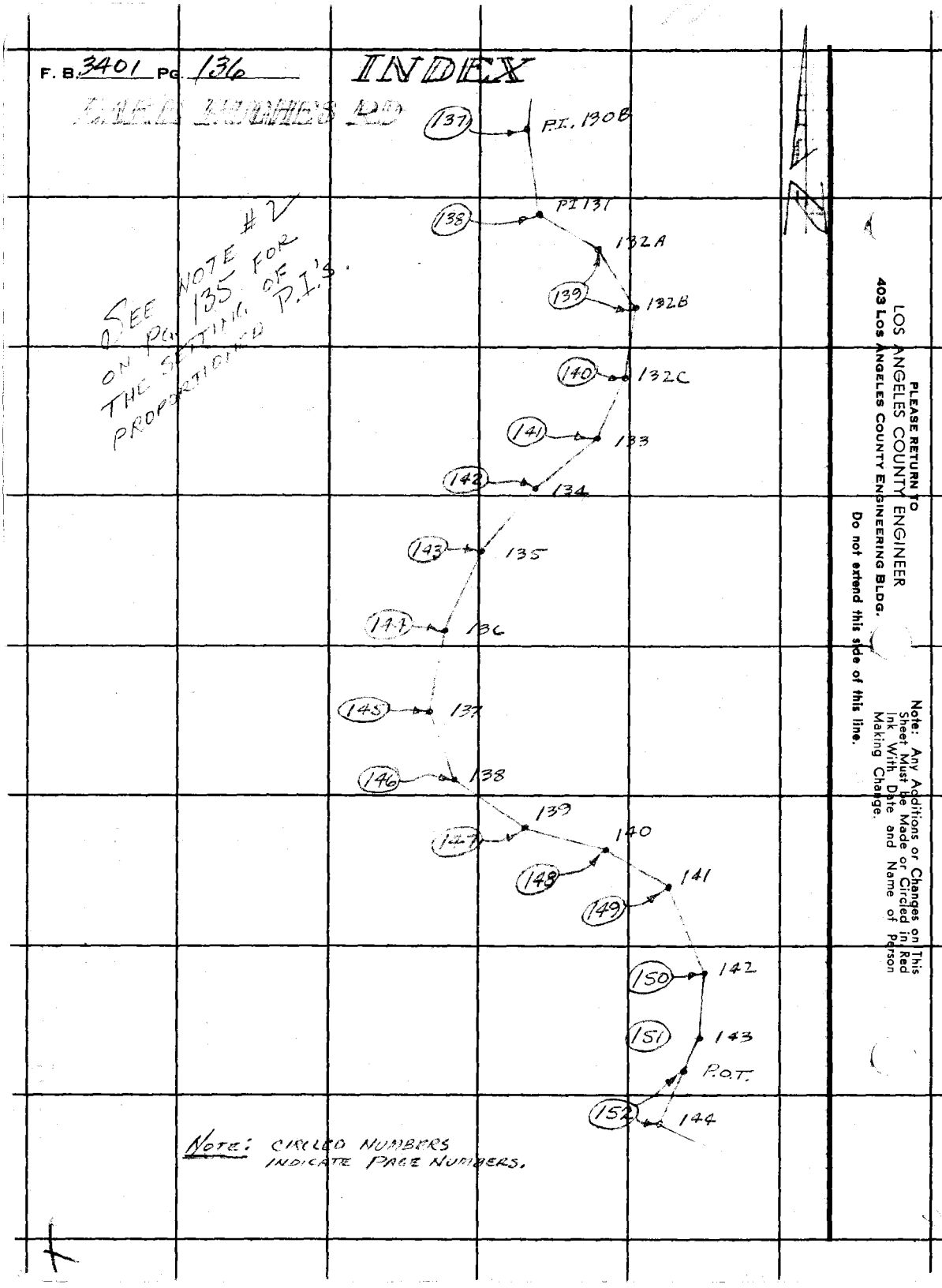
76F309S CE #310 6-63

F. B. 3401 PG. 136

INDEX



Note: CIRCLED NUMBERS INDICATE PAGE NUMBERS.

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Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 097.39 Tape 229 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes M.R.N. Date OCT 70
Date	Indexed G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 137

Cont. FB 3401-133

W.S. 77/B-2

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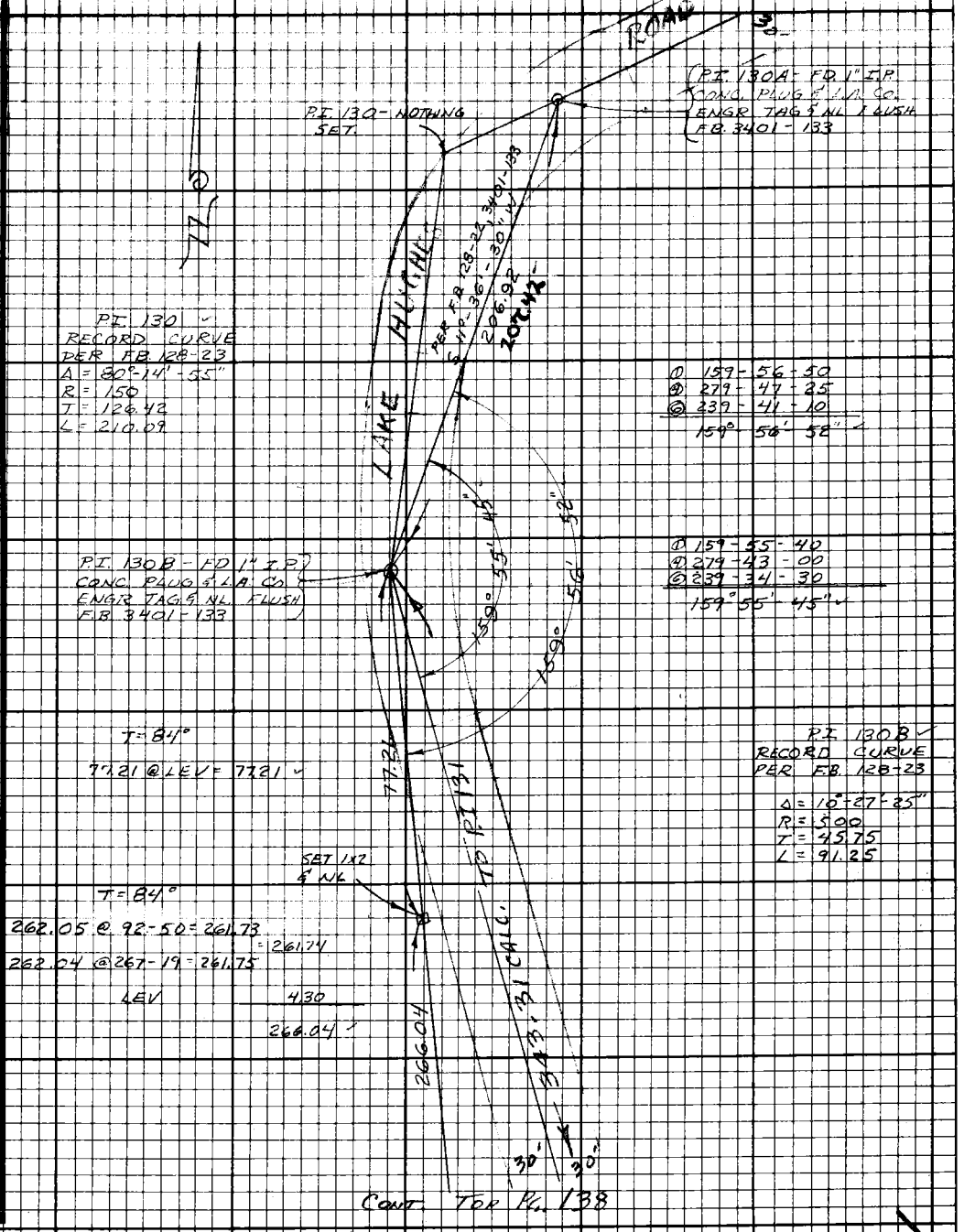
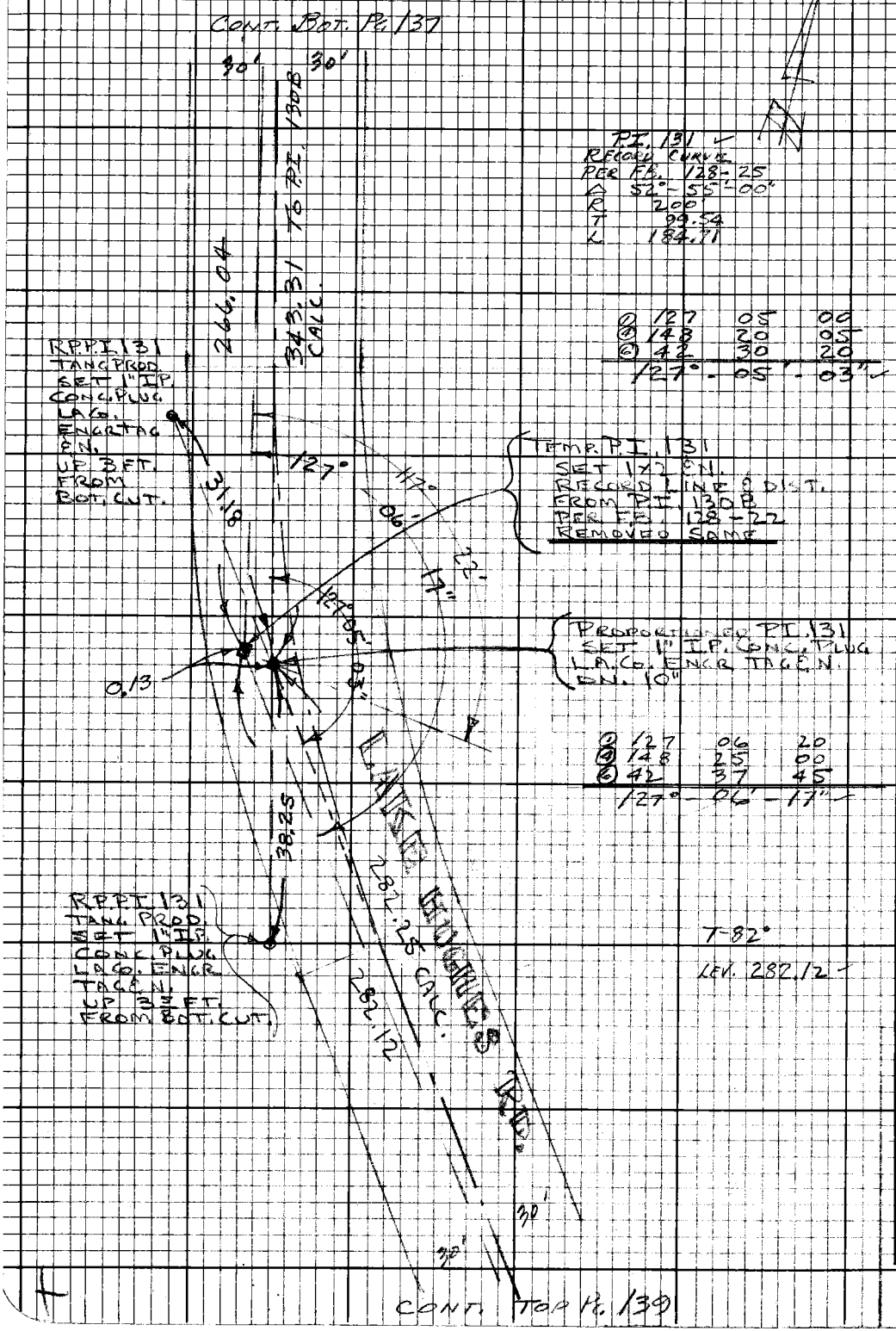


CONT. TOP PG. 138

75F3C98 CE#310 9-67

F.B. 3401 PG 138



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Survey of LAKE HUGHES RD.
JN 0097139 Tape 229 Std 84 °F
Surveyed by C.L. WRIGHT
Notes C.L. WRIGHT Date OCT '70
Indexed S.D. BAILEY OCT 24 1973

F.B. 3401 PG. 139

CONT. BOT. PG 138

282.12 282.12 170° 17' 30 CALC. LAKE HUGHES RD

① 157 57 40
④ 271 50 35
⑥ 227 46 00
157° 57' 40"

PROPORTIONED P.I. 132 A SET 6" BOAT SPK. W.&T. DN. 1" IN PVMT.

157° 0.23 57' 40"

① 157 58 10
④ 271 52 35
⑥ 227 48 45
157° 58' 07"

49.93

RP.P.I. 132A (POST.) SET 1" I.P. CONC. PLUG L.A. CO. ENGR. TAG N. DN 12"

93.18 CUT-OFF CALC.

157° 58' 07"

TEMP. P.I. 132A SET □ SPK. & T. RECORD LINE & DIST. FROM TEMP P.I. 131 (SET FLUSH IN PVMT.) PER F.B. 128-24 REMOVED SAME

T-84° LEV. 93.17

50.52

148° 15'

PROPORTIONED P.I. #132B SET 1" I.P. CONC. PLUG L.A. CO. ENGR. TAG N. DN 10"

85.99

49.98

FD. CALIF. DEPT. WATER RESOURCES EM. # E-121 1961 A 4" BRONZE DISC. SET IN ROCK OUTCROP

31° 27' 52"

0.27

TEMP. P.I. 132B SET 6" BOAT SPK. W.&T. DN 6" RECORD LINE & DIST. FROM TEMP P.I. 132A PER F.B. 128-24 REMOVED SAME

L.A. CO. ENGR. TAG

06" L.A. CO. ENGR. 140 L.P.L.

67.72 TO P.I. 141 RAT

CUT 10 FILL

188.94 CALC.

30'

30'

⑤ 131 27 50
⑥ 165 51 20
⑥ 68 47 10
131° 27' 52"

① 131 28 00
④ 165 52 15
⑥ 68 48 35
131° 28' 06"

CONT. TOP RIGHT, PG. 140

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76F3095 CE #310 6-63

F. B. 3401 Pg. 140 ✓

P.I. 132 ✓
RECORD CURVE
PER F.B. 128-25
Δ 90°-46'-00"
R 150'
T 152.02
L 237.63

NOTE: 132
P.I. IN ORIGINAL SURVEY PER F.B. 128 WAS NOT SET. FALLS IN DEEP CANYON

CONT. BOT. Pg. 139

T-84°
LEV 117.88 ✓

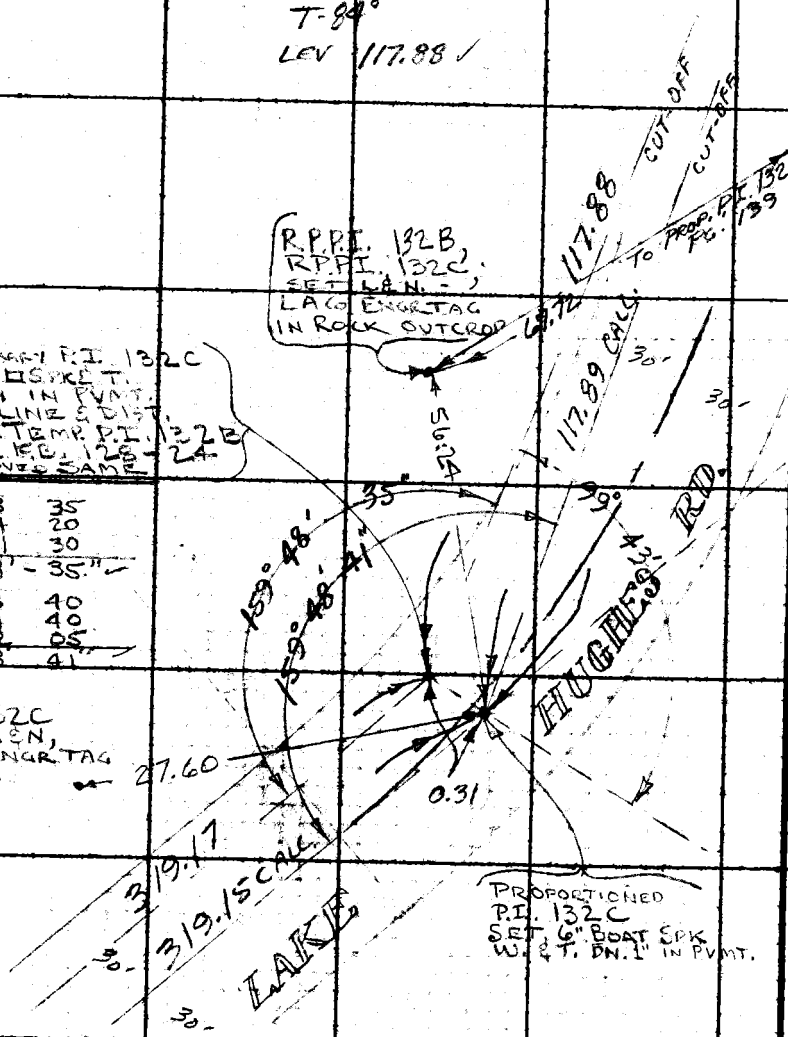
R.P.P.I. 132B,
R.P.P.I. 132C,
SET L.&N.
LA Co ENGR TAG
IN ROCK OUTCROP

TEMPORARY P.I. 132C
SET □ SPK & T.
FLUSH IN PVMT.
REC. LINE & DIST.
FROM TEMP. P.I. 132B
PER F.B. 128-24
REMOVED SAME

①	159	48	35
④	279	14	20
⑥	238	51	30
	159°	48'	35" ✓

①	159	48	40
④	279	14	40
⑥	238	52	05
	159°	48	41"

R.P.P.I. 132C
SET L.&N.
LA Co. ENGR TAG
IN ROCK
OUTCROP



PROPORTIONED
P.I. 132C
SET 6" BOAT SPK
W. & T. DN. 1" IN PVMT.

CONT. TOP Pg. 141

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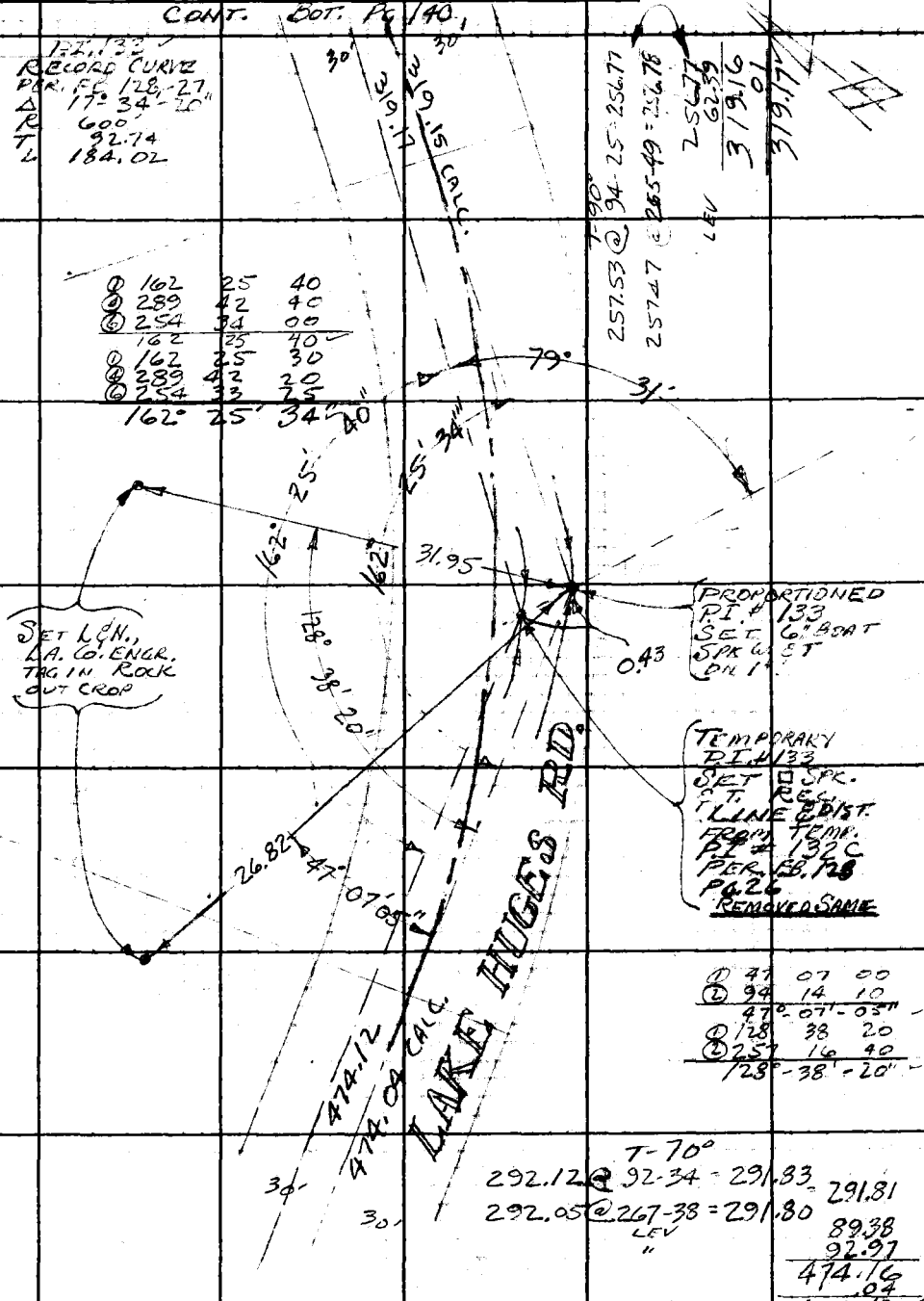
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 097.89 Tape 229 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date OCT '70
Date	Indexed G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 141

CONT. BOT. PG 140



CONT. TOP PG. 142

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76F3095 CE #310 6-63

F. B. 3401 PG. 142 ✓

CONT. BOT. PG. 141

R.P.O.S.T. 134
SET L&N. L.A.CO.
ENGR TAG. W'LY END
TOP CONC. & ROCK
RETAINING WALL.

24° 35' 12" 30"

3°

30'

30'

474.04 CALC.

S-23-45"

57.97

474.12

125.65

SET 3" BOAT
SPK & T. IN
N.W. SIDE 12"
PINE

PROPORTIONED
POST. 134
SET 6" BOAT
SPK W. & T. ON
1" IN PVMT.

R.P. POST. 134
SET 6" BOAT SPK W. & T.
ON FALL - ROCK OUTCROP

8.73

TEMPORARY POST. 134
SET 6" BOAT SPK
W. & T. ON 1" IN
PVMT. NOTE THIS
POINT SET @
ARBITARY DIST. AND ON
RECORD LINE FROM
P.I. 133. THE CUT-OFF
LINE TO THE S.W. WAS
CALC. TO SET THE
NEXT P.I. (135) @
RECORD POSITION
PER F.B. 128-28
REMOVED SAME.

P.I. 134

NOTHING SET -
FALLS ON ROCK
FACE OF CUT-
BANK.

CALC. REC. P.I. 134
NOTHING SET

0.6

172° 36'

172° 35'

47.64 CALC.

CUT OFF

CUT OFF

S.T.O.T.

HIGHLAND

AVE.

LINE

N 73.80 CALC.

REC. CALC. 273.84

220.97 CALC.

30'

30'

LINE

①	99	58	00
②	199	56	20
	99°	58'	10" ✓
①	5	23	40
②	10	47	30
	5	23	45 ✓
①	24	35	40
②	49	11	00
	24°	35'	30" ✓
①	172	36	00
④	330	24	05
⑥	515	36	10
	172°	36'	02" ✓
①	172	35	50
④	330	33	25
⑥	515	35	20
	172°	35'	53" ✓

171° 18' 50"
CALC. P.I. 4

P.I. 134 ✓
RECORD CURVE
PER F.B. 128-27
Δ 8° 41' 00"
R 1000'
T 75.93
L 151.55

CONT. TOP PG. 143

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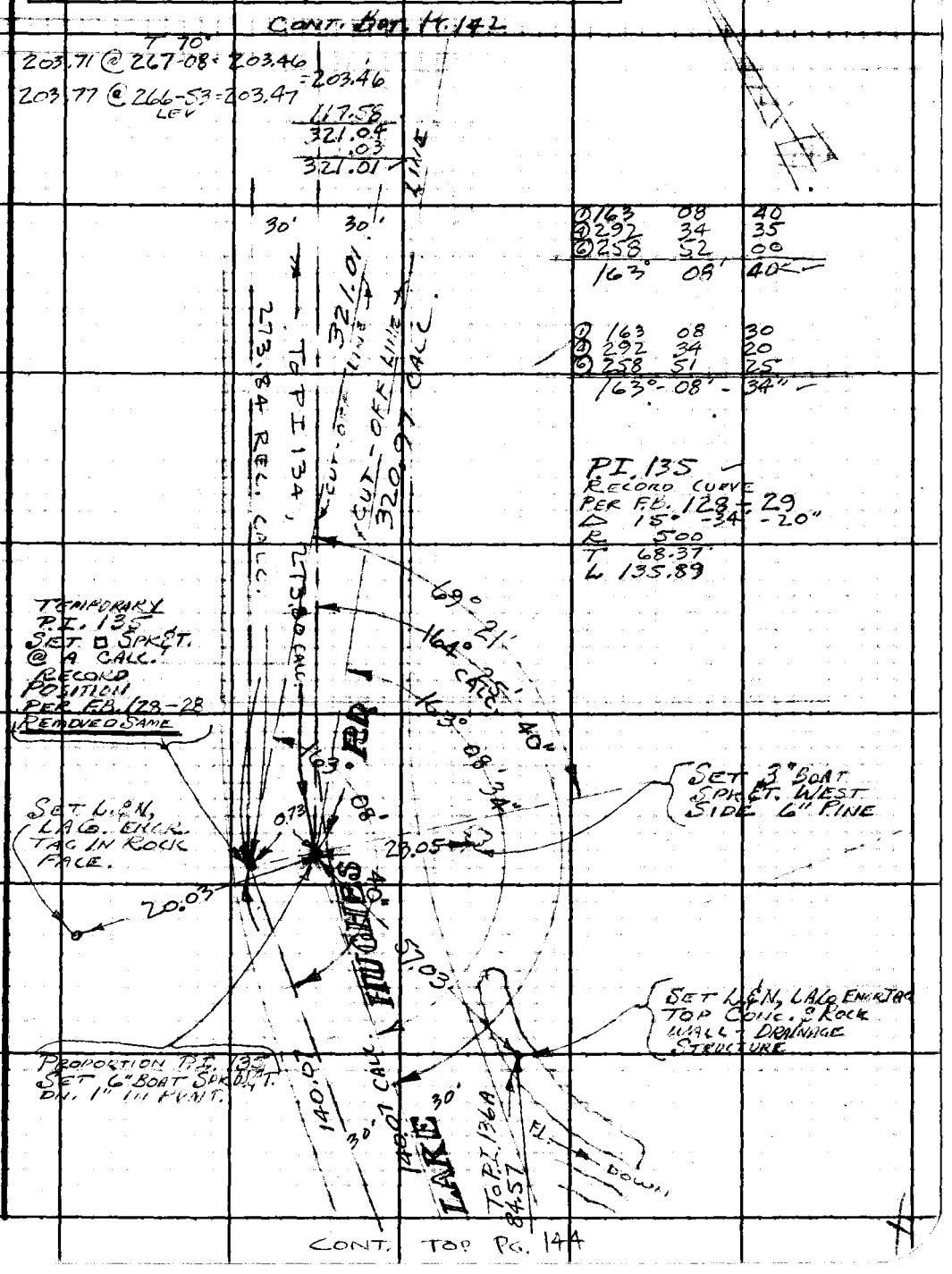
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date OCT 70
Date	Indexed R.D. BAILEY OCT 24 1973

F. B. 3401 PG. 143



CONT. TOP PG. 144

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76F309S CE #310 6-63

CONT. PG. PG 143

F.B. 3401 PG. 144

T-78°
134.08 @ 94-36 = 133.66
134.00 @ 265-53 = 133.65
LEV = 133.65
6.43
140.08
01
140.07

SET 6" BOAT SPK. F.W. ON ROCK OUTCROP

PROPORTIONED P.I. 136A SET 1" IP. CONC. PLUG IN. W/ LAG & ENG. TAG, DN 8"

140.07
140.07 CALC.
6° 54'
40°
84.57
TO L.&N. TAG TOP 10" STRUCTURE DRAINAGE PG. 143
LAID ENGR. ROCK OUTCROP

①	140	21	45
②	201	27	05
③	122	16	45
	140°	21'	47"

①	140	21	50
②	201	27	50
③	122	11	35
	140°	21'	56"

86°
12'
167°
22' 10"
31° 29' 00"
23.04
P.I. 136 NOTHING SET
140.21' 47"
140.21'
140.06 CALC.
18.43
CALC. 18.43
P.I. 136
RECORD CURVE
PER. F.B. 128 - 29
Δ 44° - 35° - 45"
R 150'
T 61.51
L 116.75

TEMPORARY P.I. 136A SET 6" BOAT SPK W.T. DN. 6" SET RECORD LINE & CURVE FROM TEMP. P.I. 135 PER F.B. 128 - 28 REMOVED SAME

SET L.&N. & LAG. ENGR. TAG IN ROCK FACE

LAKE
149.88 CALC.
149.85
140° 21'
5°
135° 24' 17" CALC.
136.18 CALC. PER F.B. 128-28
136.15
EUCALYPTUS RD.
30'
30'

①	167	22	00
②	334	44	20
	167	22	10

①	31	29	00
②	62	58	00
	31°	29'	00"

①	6	54	50
②	13	49	20
	6°	54'	40"

RECORD P.I. 136 - NOTHING SET, FALLS ON VERTICAL ROCK FACE

CONT. TOP PG 145

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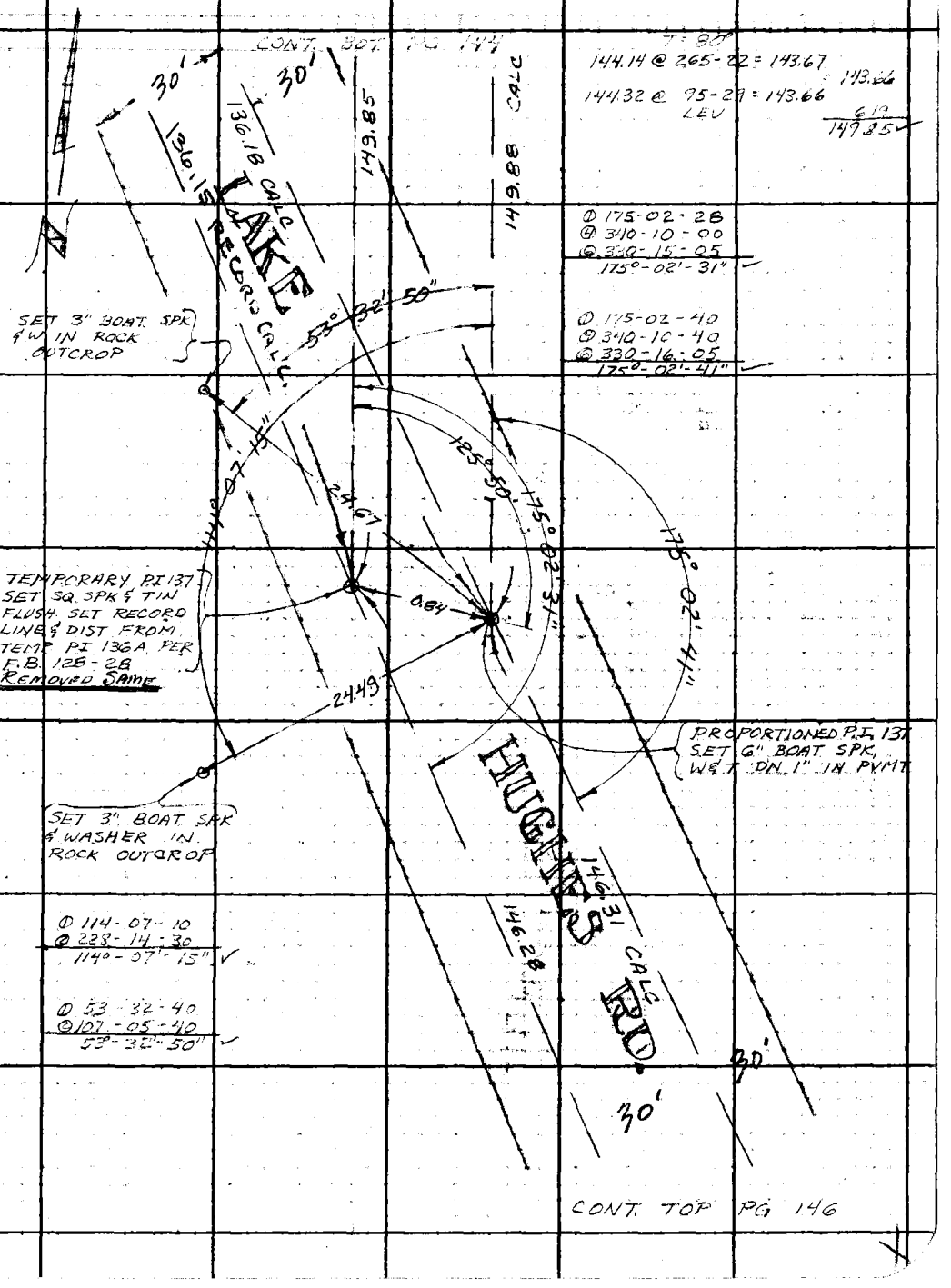
Notes Ck'd by	Survey of LAKE HUGHES RD	F. B. 3401 Pg. 145
Map No.	JN 009729 Tape 229 Std 84 °F	
Office Work	Surveyed by C.L. WRIGHT	
Checked	Notes MRN Date OCT. 70	
Date	Indexed G. D. BAILEY OCT 24 1973	



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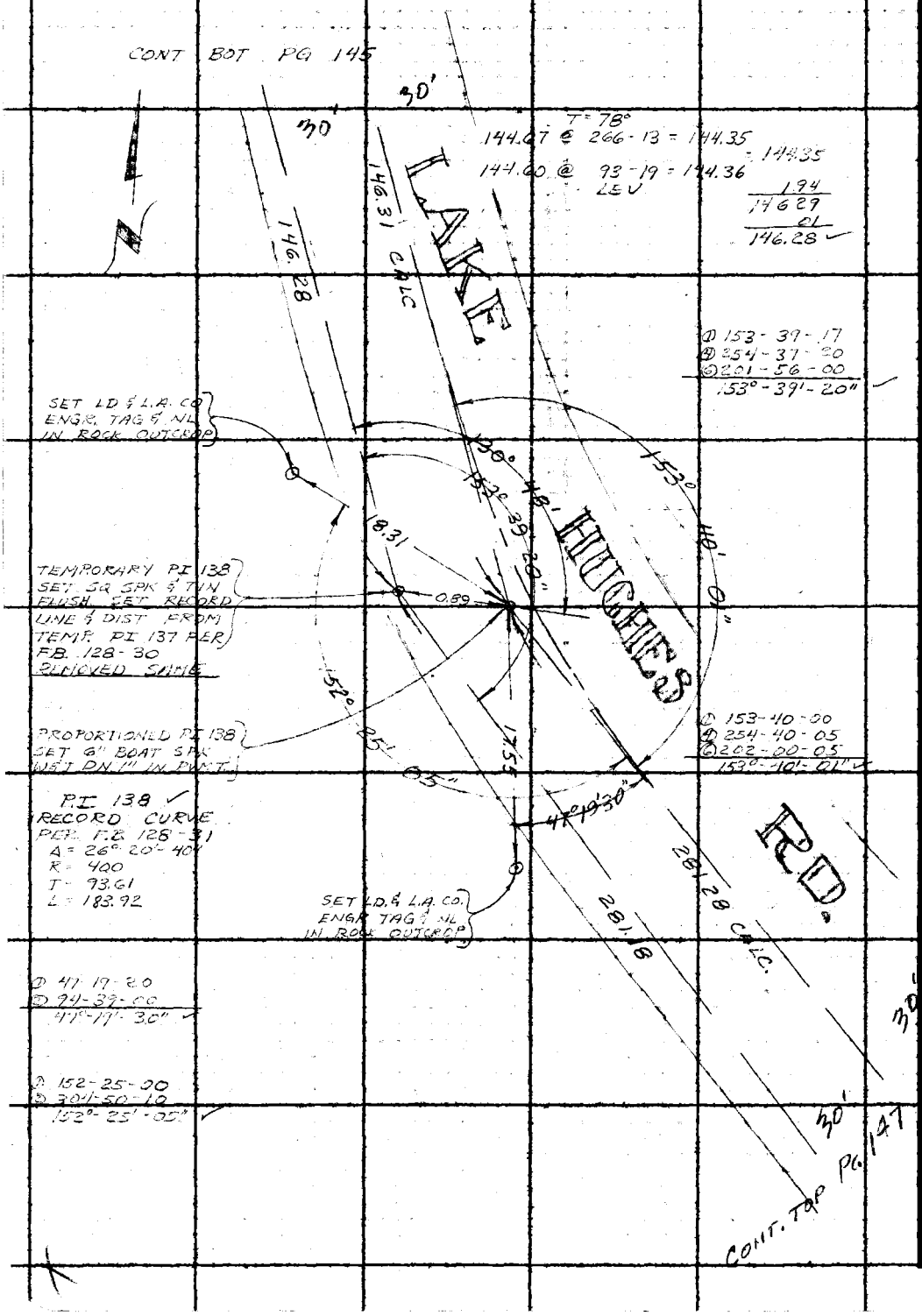
76F309S CE #310 6-63

F. B. 3401 PG. 146



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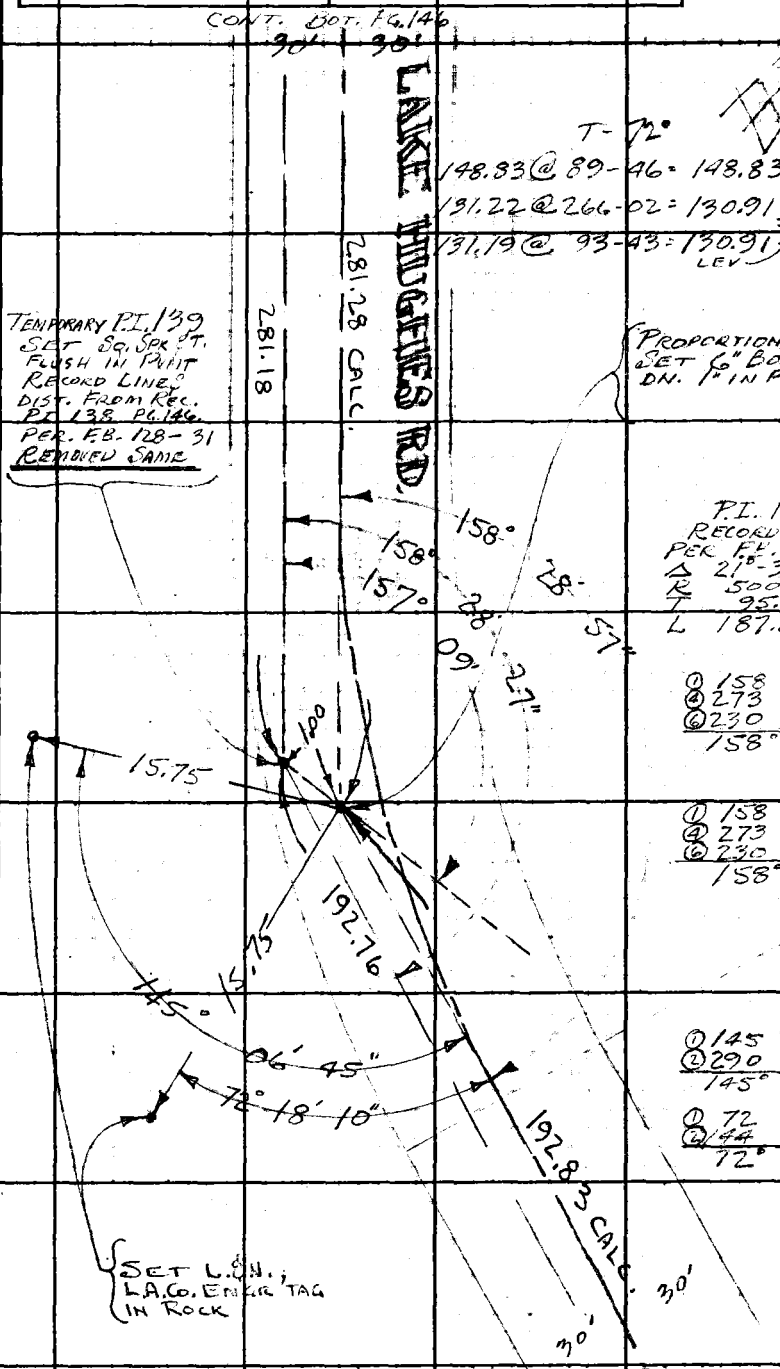
Notes Ck'd by	Survey of LAKE HUGHES RD.	F. B. 3401 PG. 147
Map No.	JN 0097.39 Tape 229 Std 84 °F	
Office Work	Surveyed by C.L. WRIGHT	
Checked	Notes C.L.W Date OCT '70	
Date	Indexed G. D. BAILEY OCT 24 1973	



T-72°

148.83 @ 89-46 = 148.83 = 148.83

131.22 @ 266-02 = 130.91 = 130.91

131.19 @ 93-43 = 130.91 LEV 1.46

281.20

.02

281.18

P.I. 139
RECORD CURVE
PER F.B. 128-31
Δ 21°-31'-30"
R 500'
T 95.04
L 187.84

①	158	28	30
④	273	53	55
⑥	230	50	40
	158°	28'	27"

①	158	28	50
④	273	55	45
⑥	230	53	40
	158°	28'	57"

①	145	06	40
②	290	13	30
	145°	06'	45"

①	72	18	00
②	144	36	20
	72°	18'	10"

CONT. TOP PG. 148

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76F3095 CE #310 6-63

CONT. BOT. PG 147

F. B. 3401 PG. 148

① 169	06	30
④ 316	25	55
⑥ 294	39	05
169°	06'	31"

① 169	06	50
④ 316	27	00
⑥ 294	40	40
169°	06'	47"

① 41	19	20
② 82	38	50
41°	19'	25"

① 115	15	20
② 230	30	40
115°	15'	20"

P.I. 140
RECORD CURVE
PER F.B. 128-31
Δ 10° 53' 30"
R 800'
T 76.27
L 152.08

TEMPORARY P.I. #140
SET SQ SPK & T. @
RECORD LINE & DIST.
FROM RECORD P.I. 139
PER F.B. 128-31
REMOVED SAME

PROPORTION P.I. #140
SET 6" BOAT SPK. W.F.T.
DN. 1" IN PVMT.

SET L.&M., LA.Co.
ENGR TAG TOP
RETAINING WALL

T-76°
191.07 @ 93-36 = 190.69
191.02 @ 266-46 = 190.71
LEV.

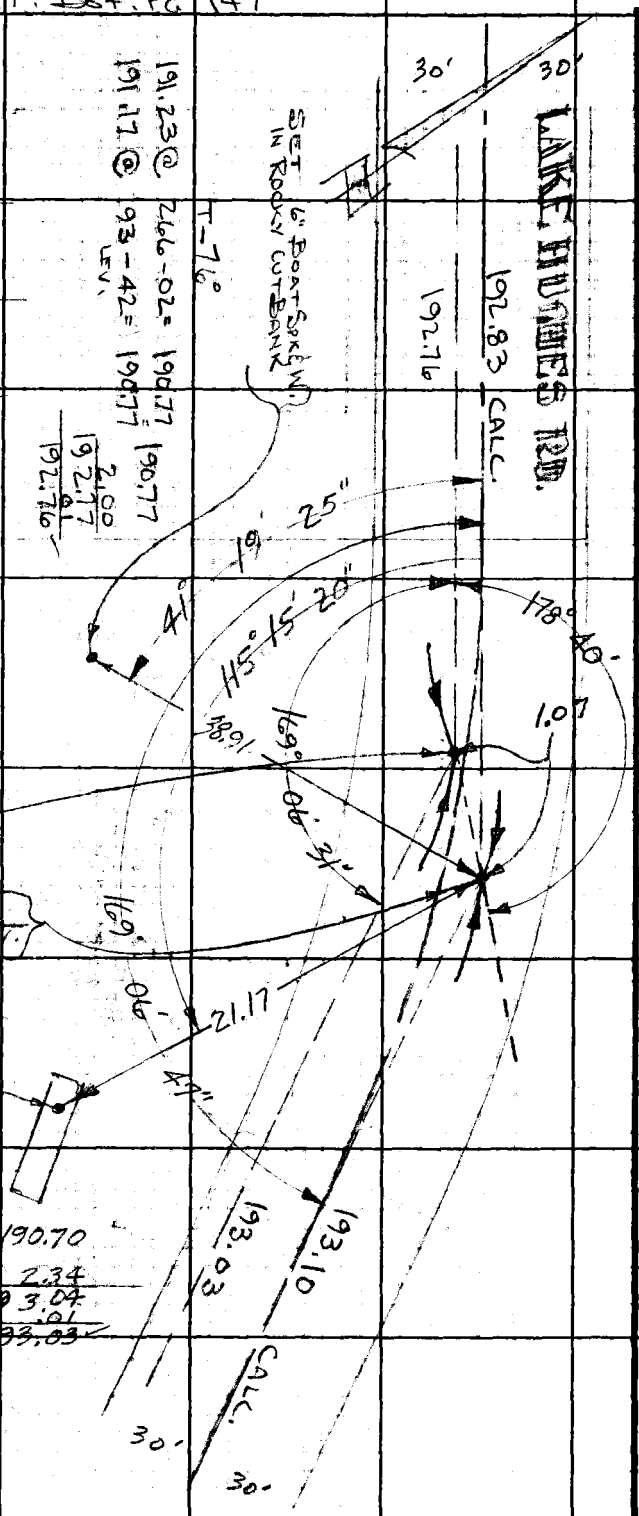
190.70
2.34
193.04
.01
193.03

191.23 @ 266-02 = 190.77
191.17 @ 93-42 = 190.77
LEV.

2.00
192.77
.01
192.76

T-76°

SET 6" BOAT SPK & W. IN ROCKY CUT BANK



CONT. TOP PG 149

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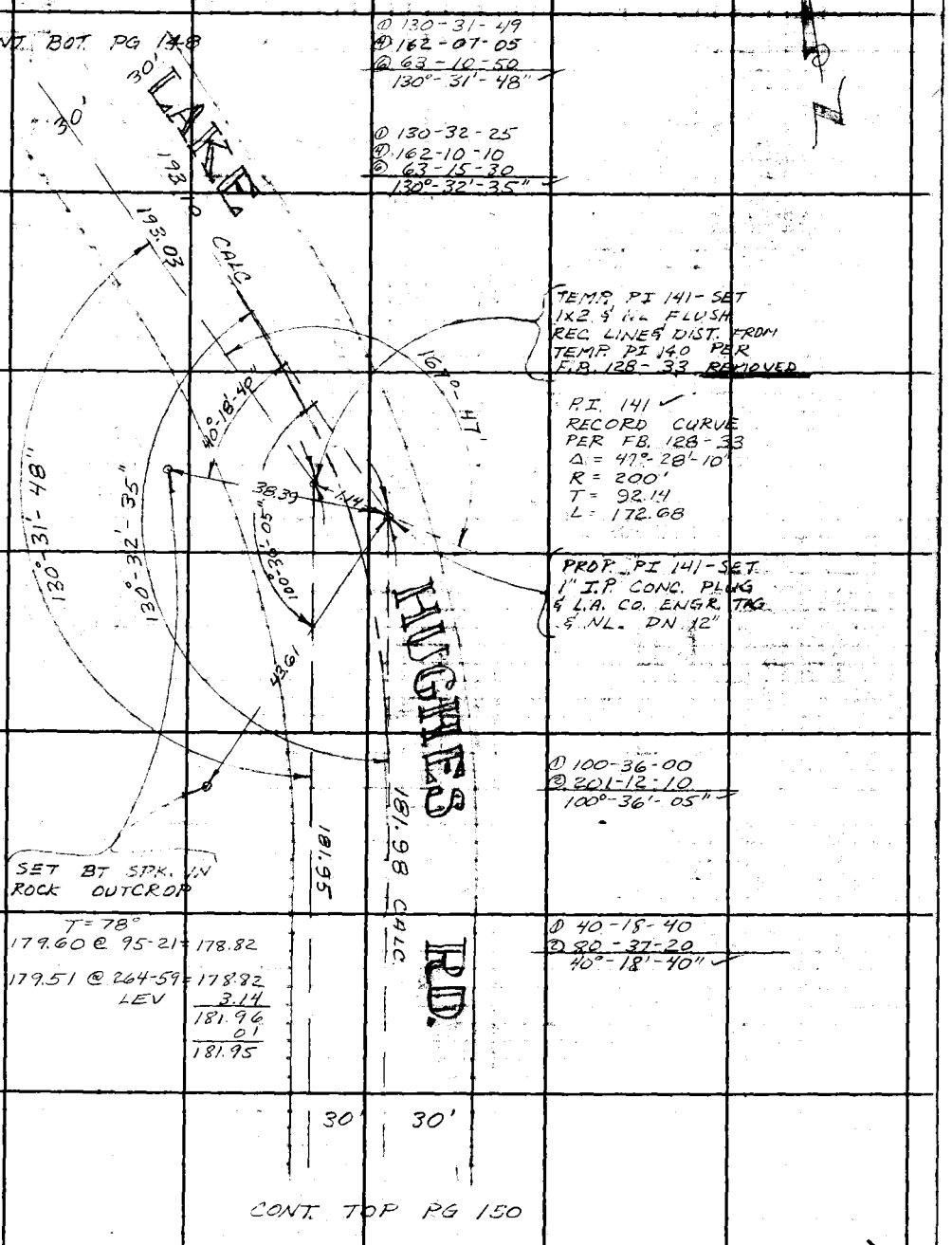
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes M.R.N. Date OCT. 70
Date	Indexed G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 149

W.S. 77 B-2



① 130-31-49
④ 162-07-05
⑥ 63-10-50
130°-31'-48"

① 130-32-25
④ 162-10-10
⑥ 63-15-30
130°-32'-35"

TEMP. PI 141 - SET 1X2 & NL FLUSH REC. LINE & DIST. FROM TEMP. PI 140 PER F.B. 128-33 REMOVED

P.I. 141
RECORD CURVE PER FB. 128-33
Δ = 47°-28'-10"
R = 200'
T = 92.14
L = 172.68

PROP. PI 141 - SET 1" I.P. CONC. PLUG & L.A. CO. ENGR. TAG & NL. DN 12"

① 100-36-00
② 201-12-10
100°-36'-05"

SET BT SPK. IN ROCK OUTCROP

T = 78°
179.60 @ 95-21 = 178.82
179.51 @ 264-59 = 178.82
LEV 3.14
181.96
.01
181.95

① 40-18-40
② 80-37-20
40°-18'-40"

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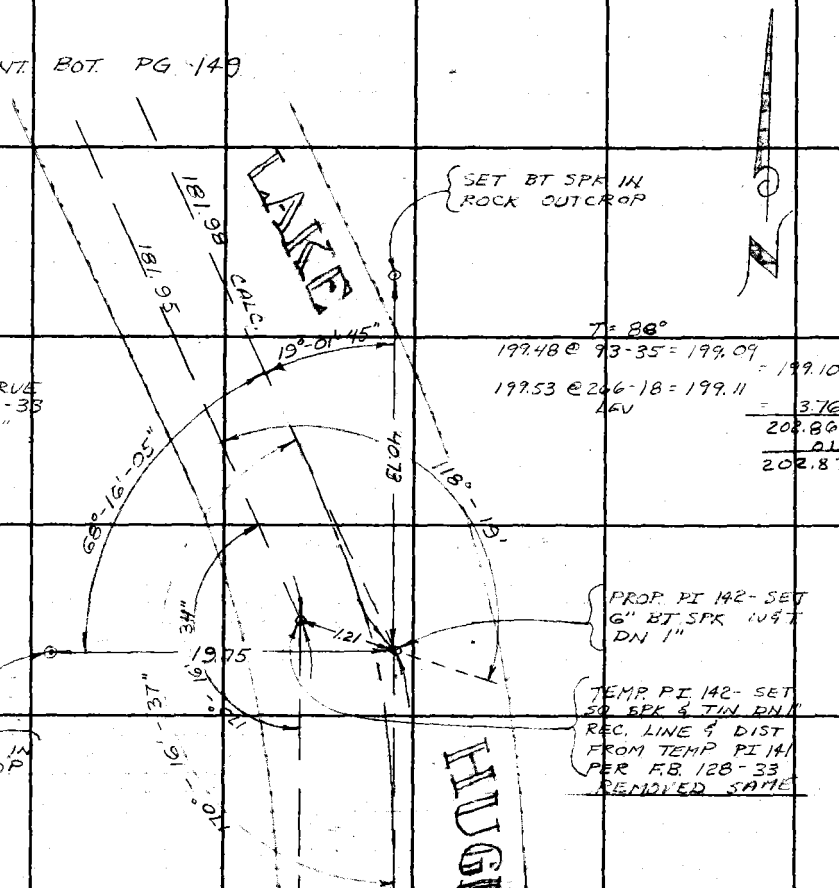
F. B. 3401 Pg. 150

CONT. BOT. PG. 149



PI 142
RECORD CURVE
PER F.B. 128-33
Δ = 9°-43'-30"
R = 500
T = 42.54
L = 84.87

T = 88°
199.48 @ 93-35 = 199.09
= 199.10
199.53 @ 266-18 = 199.11
AVG
= 3.76
202.86
DL
202.87

① 170-16-31
② 321-06-17
③ 301-39-25
170°-16'-34"

① 170-16-20
② 321-06-25
③ 301-39-45
170°-16'-37"

① 68-16-00
② 136-32-10
68°-16'-05"

① 19-01-40
② 38-03-30
19°-01'-45"

CONT. TOP PG. 151

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Map No.	JN 0097.39 Tape 229 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date OCT. '70
Date	Indexed G.D. BAILEY OCT 24 1973

F. B. 3401 PG. 151

CONT. BOT. PG. 150

T-88°

① 157 36 10
② 270 24 55
③ 225 37 30
157°-36'-15"

30' 30'

199.48 @ 93-35 = 199.09 = 199.10
199.53 @ 266-18 = 199.11 LEV
3.76
202.86
.01
202.87

202.87
202.89
CALC.
108°
35'

SET 6" BOAT SPK & W. IN ROCKY CUT BANK

20.73

P.I. 143 ✓
RECORD CURVE
PER. F.B. 128-33
Δ 22° 23' 30"
R 500'
T 98.97
L 195.40

1.29

P.I. 143
SET 6" BOAT SPK. W. & T. ON 1" IN PVMT.
SET @ REC. DIST. PER F.B. 128-35, 34 FROM P.O.T. 539+67.24 & TANG PROD FROM P.I. 144
SEE F.B. 1683-45, 176

156.14

101°
157°
11'
36'
30"
15"

TEMPORARY P.I. 143
SET SQ. SPK & T. @ RECORD LINE & DIST. FROM REC. P.I. 142 PER F.B. 128-33
REMOVED SAME

53.86

16° 22' 15"

① 101 11 30
② 202 23 00
101° 11' 30"

① 16 22 00
② 32 44 30
16° 22' 15"

LAKE HUGHES RD

30' 30'

CONT. TOP PG. 152

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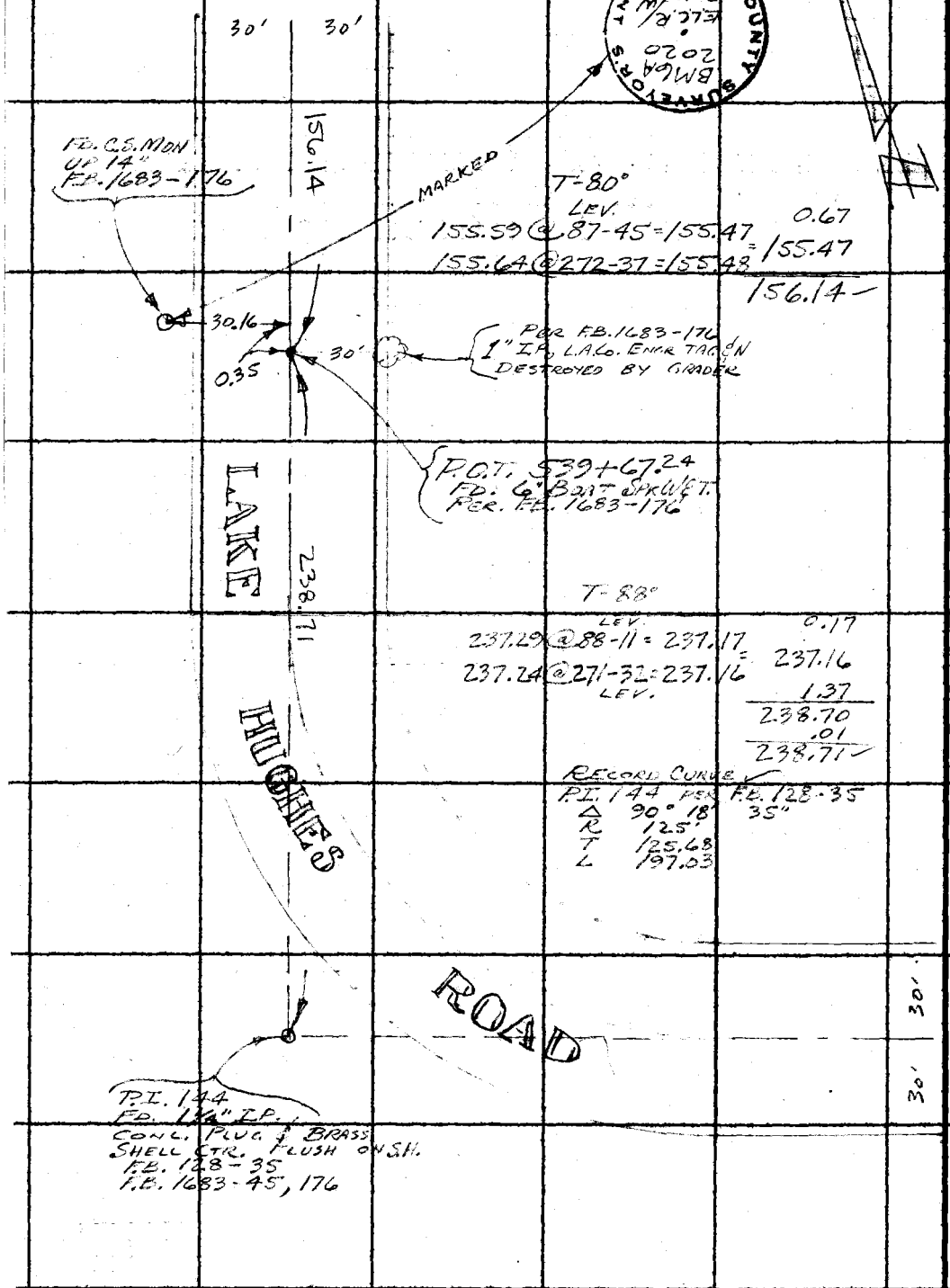
F. B. 3401 Pg. 152
CONT. BOT. PG. 151



COUNTY SURVEYOR'S MONUMENT
BM6A 2020
ELC.R/W ROAD

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Notes Ck'd by	Survey of LAKE HUGHES ROAD
Map No.	JN 009739 Tape 171 Std 34 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. WRIGHT Date NOV 23 1970
Date	Indexed G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 153

LAKE HUGHES ROAD
J.N. 009739

CENTERLINE RETRACEMENT FROM VICINITY ELIZABETH LAKE - PINE CANYON ROAD S'LY TO P.T. #37

REFS:
F.B. 115
F.B.
F.B.

PGS. 153 - 200

PARTY:
C. L. WRIGHT
M. R. NEVAREZ
T. A. DONLEVY
K. V. CROWE
JUNE '71 R. D. PULSIFER

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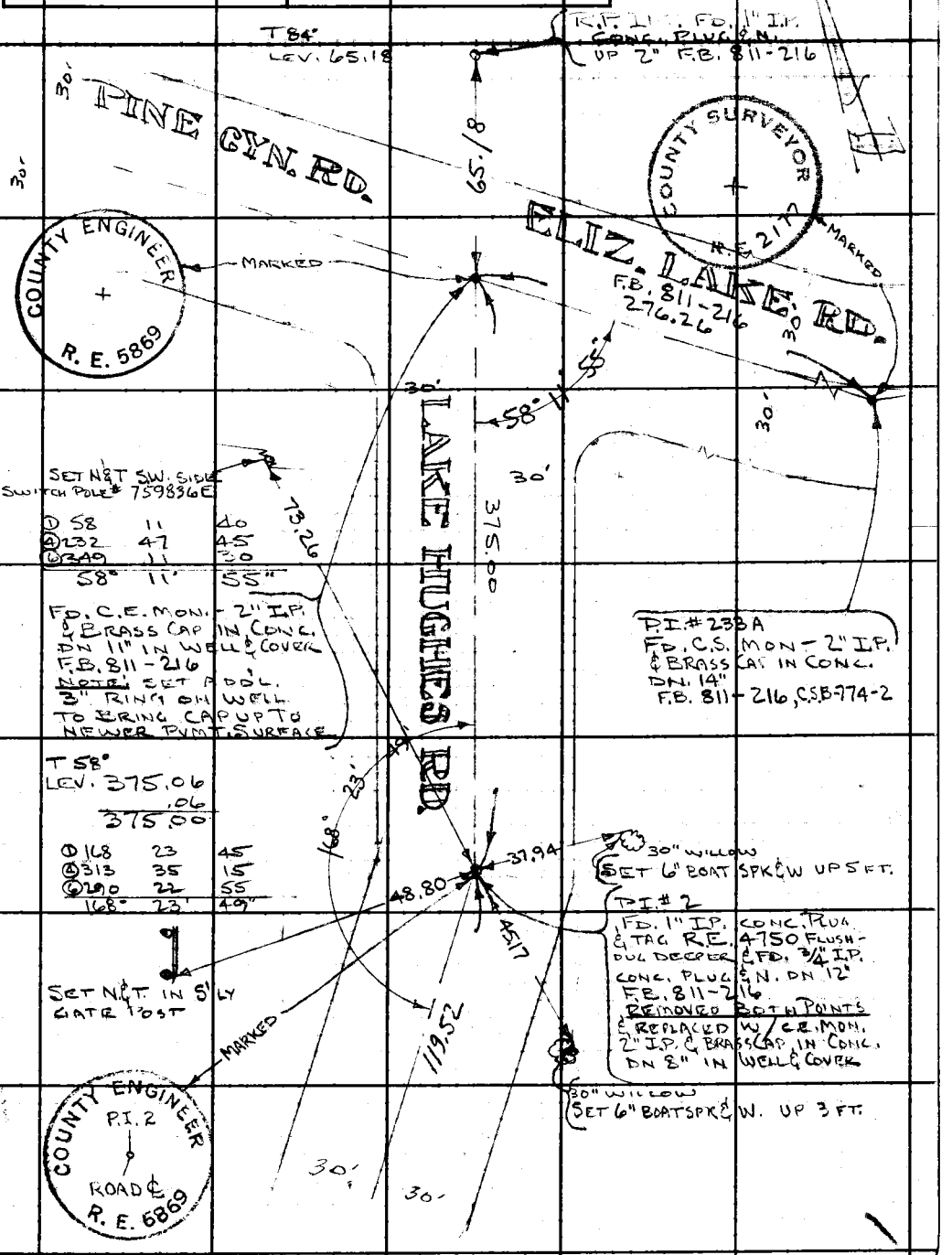
F. B. 3401 Pg. 154

Notes Ck'd by M. DOSOKY	Survey of LAKE HUGHES ROAD	F. B. 3401 PG. 155
Map No.	JN0097.39 Tape 171 Std 84 °F	
Office Work	Surveyed by G. L. WRIGHT	NOV 23 1970
Checked	Notes G. L. WRIGHT Date	
Date	Indexed G. D. BAILEY OCT 24 1973	



CONT. TOP PG. 156

W.S. 72, A 5

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76F3098 CE #310 6-63

CONT. FROM PG. 155

F.B. 340 \ PG. 156

SET 6" BOAT SPK & W. N.E. LY SIDE 30" WILLOW TREE

T-66°
LEV. 119.53
.01
119.52

①	170	17	05
④	321	08	20
⑥	301	42	40
	170°	17'	07"

SET 6" BOAT SPK & W. IN S'LY FORK OF 24" WILLOW TREE UP 3 FT.

T-68°
LEV. 108.96
.01
108.95

P.I.* 3 FD. TWO 2 FT. TIES (3" BOAT SPK & W.) DUG & FD. NAIL IN OLD PVMT. DN. 5" - DUG SOME MORE FD. 3/4" I.P. NO PLUG DN 30" FB. 811-12 SET C.E. MON. - 2" I.P. & BRASS CAP IN CONC. DN. 8" IN WELL & COVER

FD. N.&T. S.E. SIDE P.P. (NO NUMBER)

P.I. #4
FD. L.&T. DN. 2" IN. PVMT. (IN CONC. APRON FOR STREAM CROSSING) R.D. DEPT. F.B. 3515-55, 56, 57 NO RECORD WHO SET POINT ACCEPTED FOR P.I. #2

①	159	25	30
④	277	42	20
⑥	236	33	20
	159°	25'	33"

FD. L.&T. DN. 2" IN PVMT. R.D. F.B. 3515-55-57 NO RECORD WHO SET THIS POINT

FD. R.D. MON. IN WELL & COVER DN. 8" R.D. F.B. 3515-55-57

FD. CUT SPK W. & T. IN 24" WILLOW

THIS SPK. IS @ PRESENT BARK SURFACE OF TREE. INDICATES NOT SAME SPK AS SHOWN IN F.B. 811-12

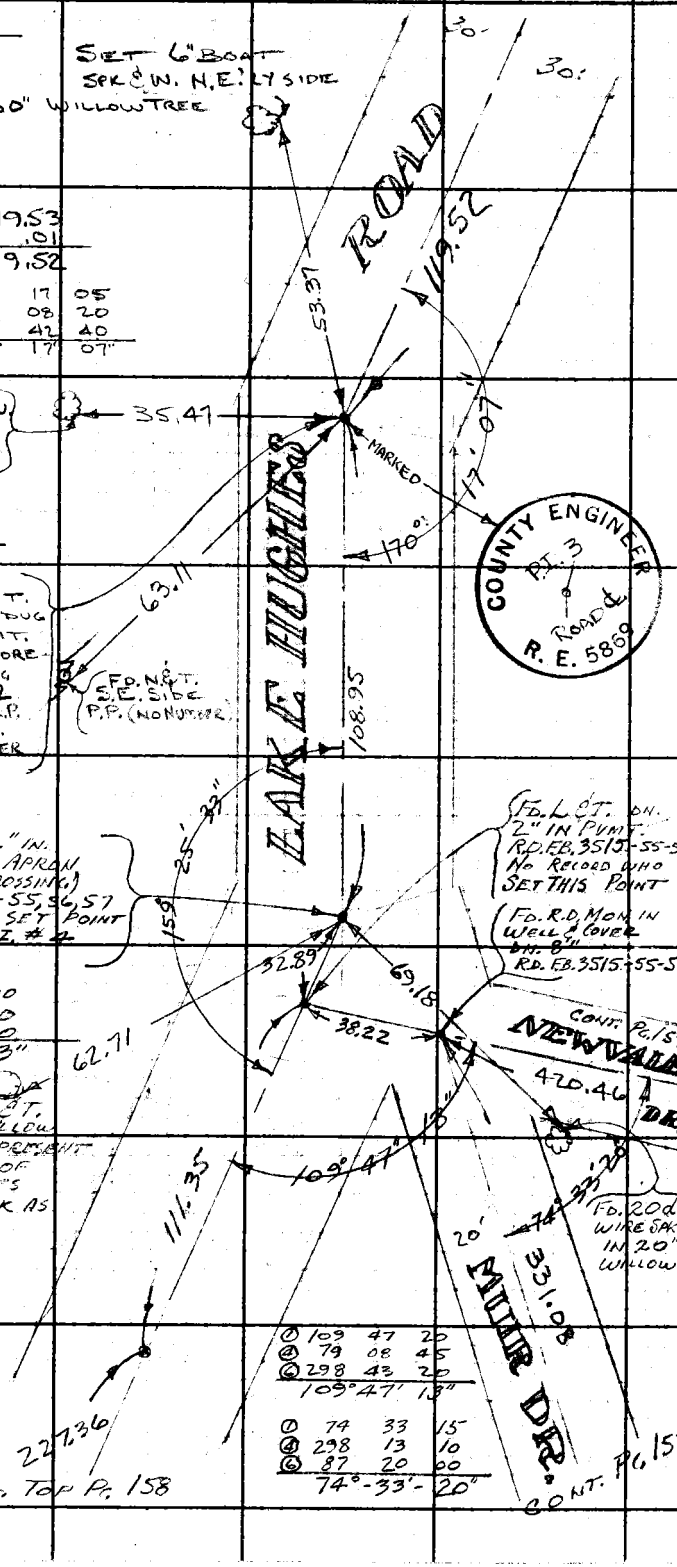
T-54°
LEV. 111.37
.02
111.35

T-48°
LEV. 227.40
.04
227.36

①	109	47	20
④	79	08	45
⑥	298	43	20
	109°	47'	18"

①	74	33	15
④	298	13	10
⑥	87	20	00
	74°	33'	20"

FD. 20d WIRE SPK. IN 20" WILLOW



CONT. TOP PG. 158

CONT. PG. 157

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

Notes Ck'd by:	Survey of LAKE HUGHES RD.	F.B. 3401	Pg. 157
Map No.	JN 908739 Tape 171 Std 84 °F		
Office Work	Surveyed by C. L. WRIGHT		
Checked	Notes C. L. WRIGHT Date DEC.	1970	
Date	Indexed G. D. BAILEY OCT 24 1973		

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402 LOS ANGELES COUNTY ENGINEERING BLDG.

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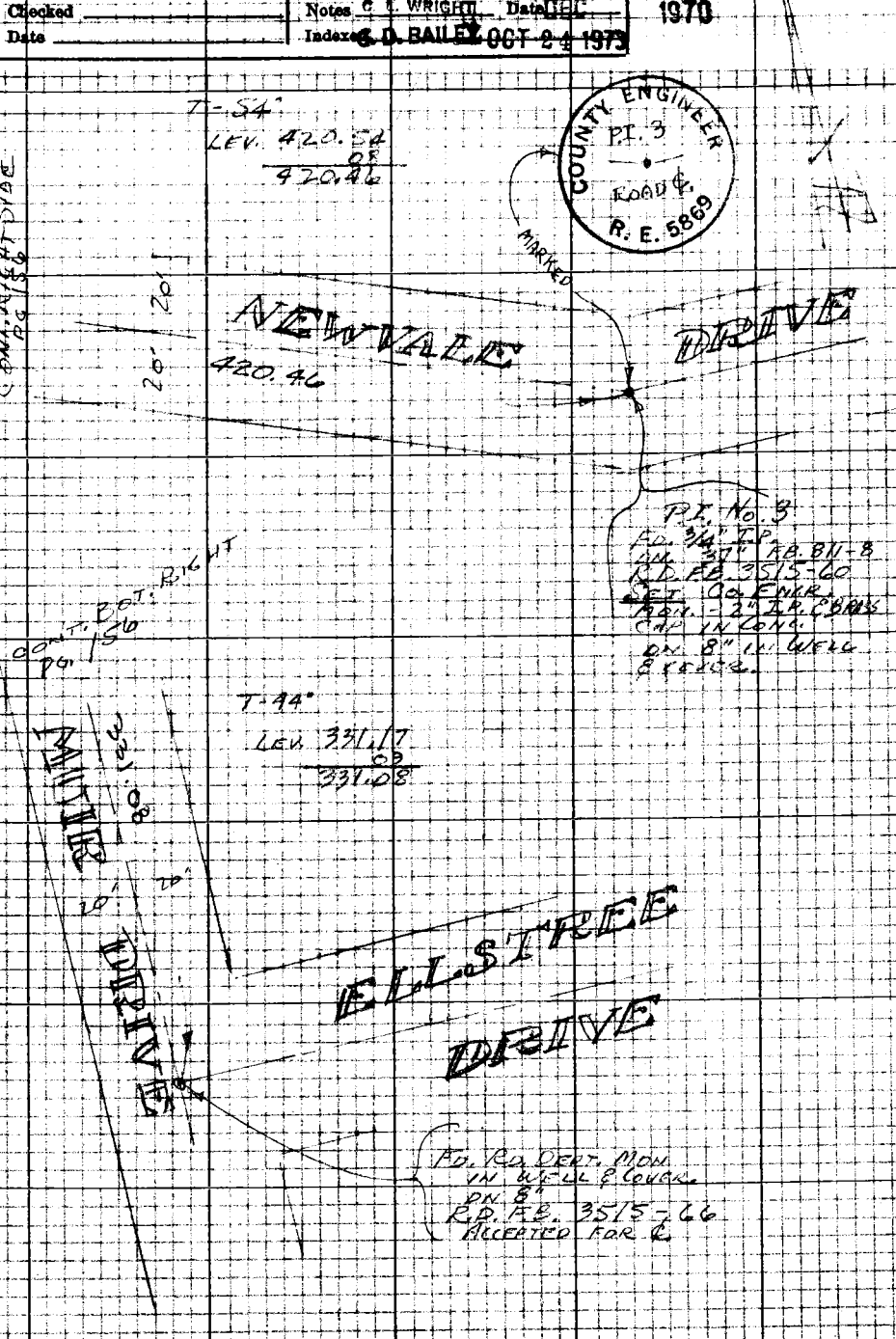


CONT. BOT. PG. 156

F.B. 3401 Pg. 158

SET 6" BOAT SPK. & W.

T-48°
LEV 254.06
.06
254.00

SET 6" BOAT SPK. & W.

T-48°
LEV. 367.61
.09
367.52

SET 6" BOAT SPK. & W.

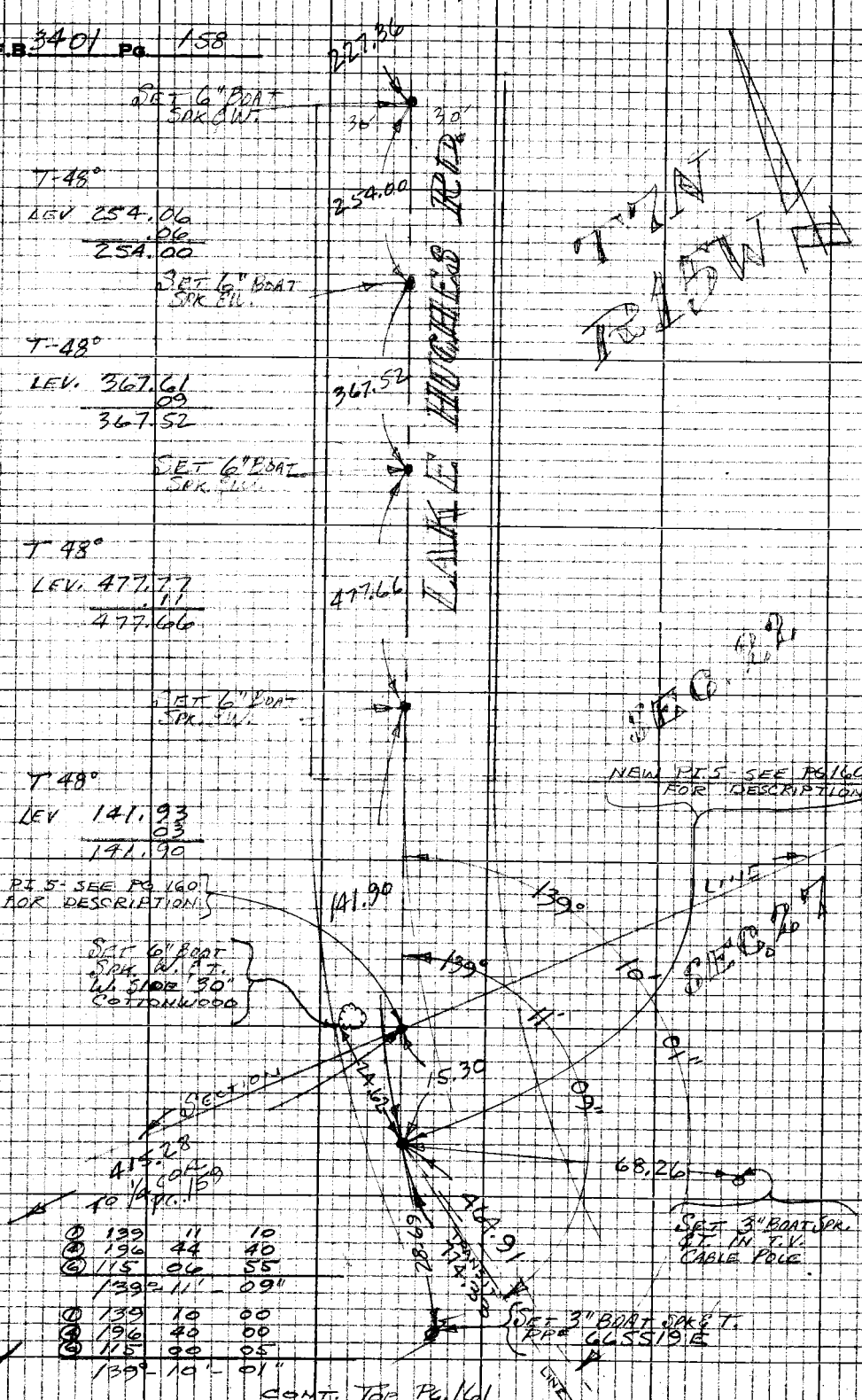
T 48°
LEV. 477.77
.11
477.66

SET 6" BOAT SPK. & W.

T 48°
LEV 141.93
.03
141.90

PT 5 - SEE PG 160 FOR DESCRIPTION

SET 6" BOAT SPK. & T. W. SIDE 30" COTTONWOOD



Ⓓ	139	11	10
Ⓑ	196	44	40
Ⓒ	115	06	55
	139°	11'	09"

Ⓓ	139	10	00
Ⓑ	196	40	00
Ⓒ	115	00	05
	139°	10'	01"

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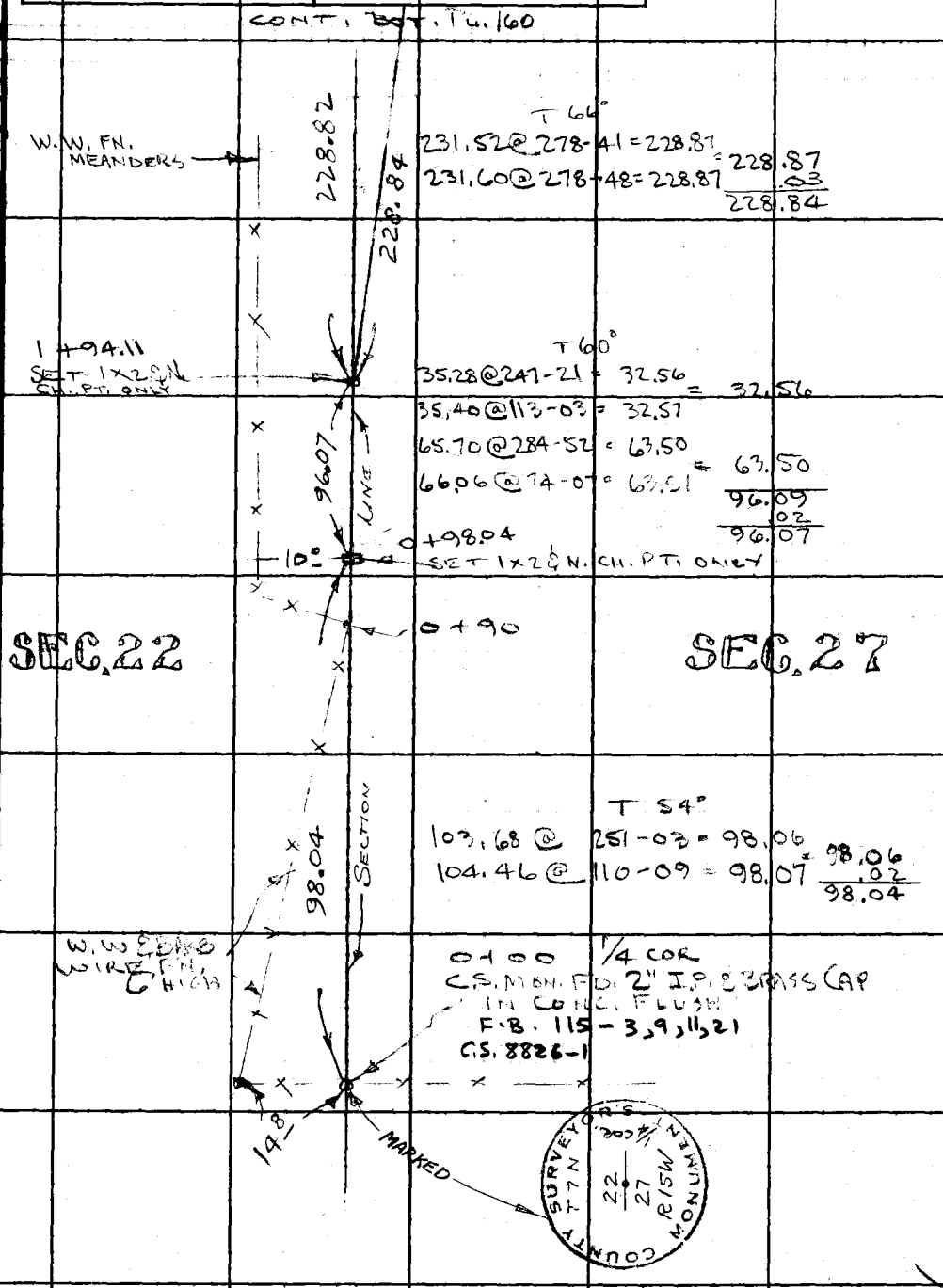
CONT. TOP PG. 161

Notes Ck'd by	Survey of LAKE HUGHES RD.	F. B. 3401 PG. 159
Map No.	JN 0097.39 Tape 171 Std 84 °F	
Office Work	Surveyed by C. L. WRIGHT	1970
Checked	Notes C. L. WRIGHT Date DEC	
Date	Indexed G. D. BAILEY OCT 24 1973	



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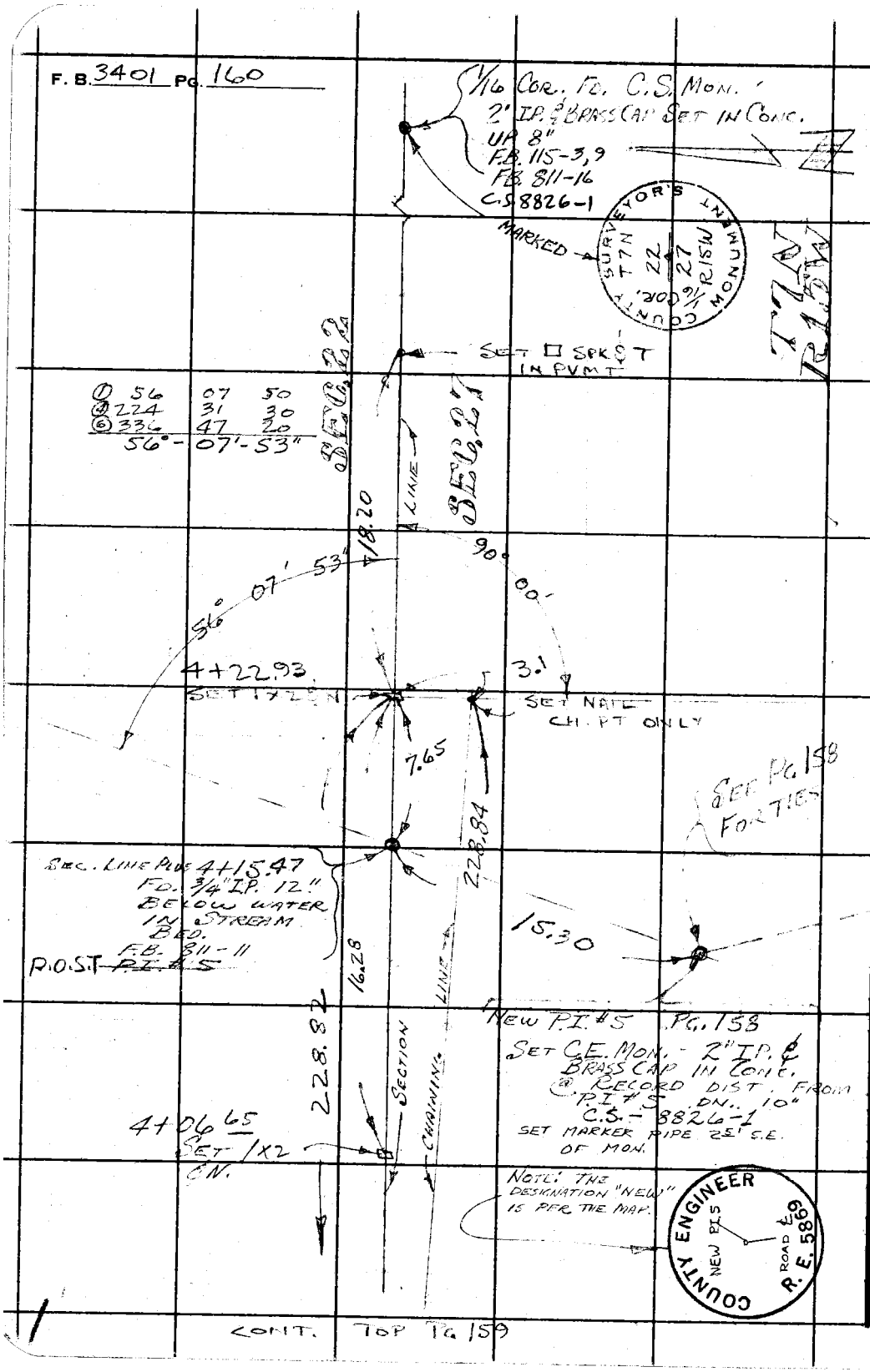
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-63

F. B. 3401 Pg. 160



CONT. TOP PG. 159

W 5 72, A-5

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Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 171 Std 84 °F
Office Work	Surveyed by E. L. WRIGHT
Checked	Notes E. L. WRIGHT Date DEC '70
Date	Indexed G. D. BAILEY OCT 24 1978

F. B. 3401 PG. 161

CONT. BOT. PG. 158

30' 30'

LAKE HUGHES RD.

464.91

T 60°
LEV. 464.98
.07
464.91

T = 48°
LEV = 774.51
.18
774.33

774.33

P.O.T. - SET SQ HDS TIN ON 1"

309.30

LEV 309.35
.05
309.30

TRANSIT LN

℄

30' 30'

CONT TOP PG. 162

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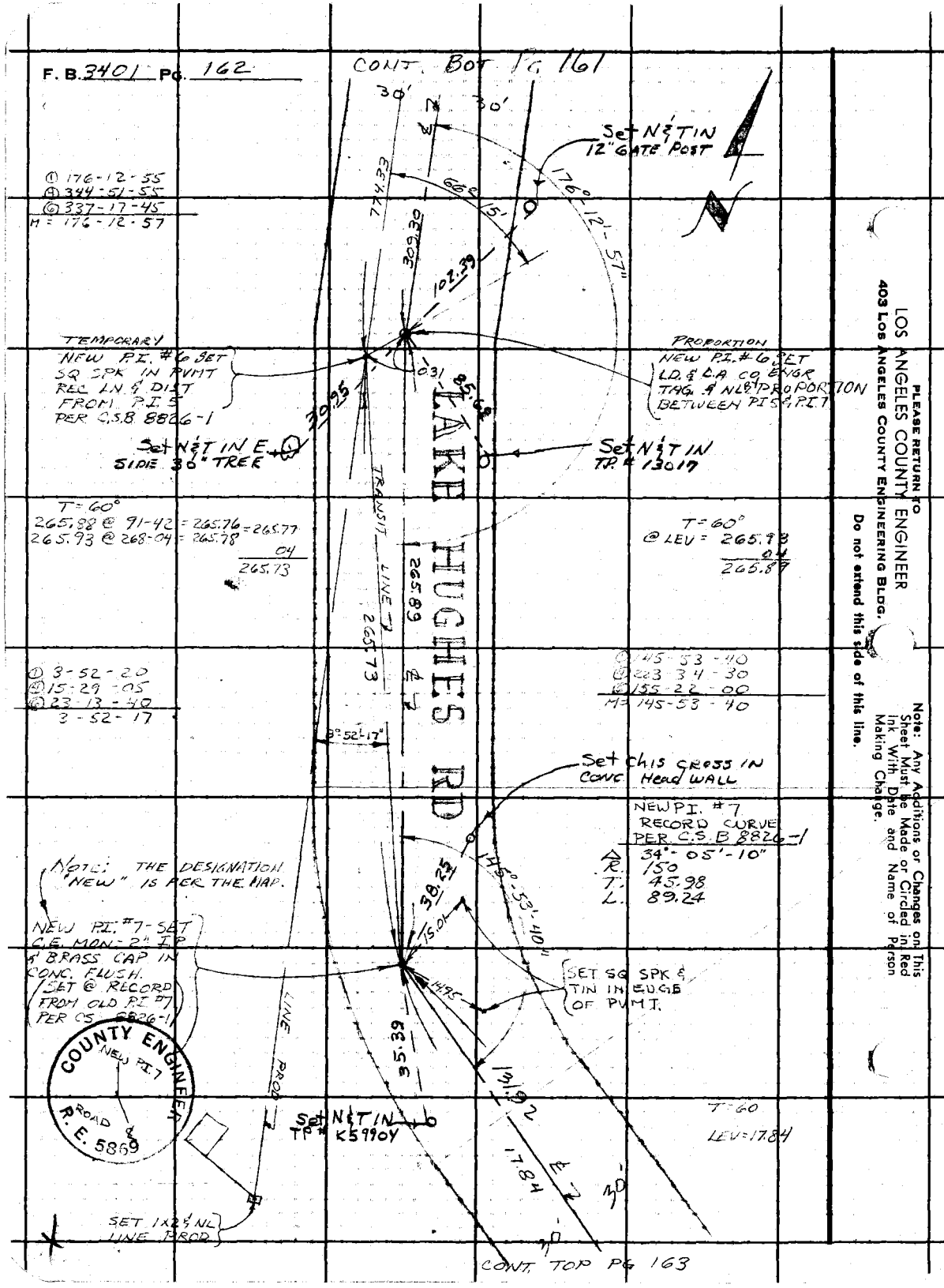
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 3401 Pg. 162

CONT. BOT PG 161



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403 Los Angeles County Engineering Bldg.

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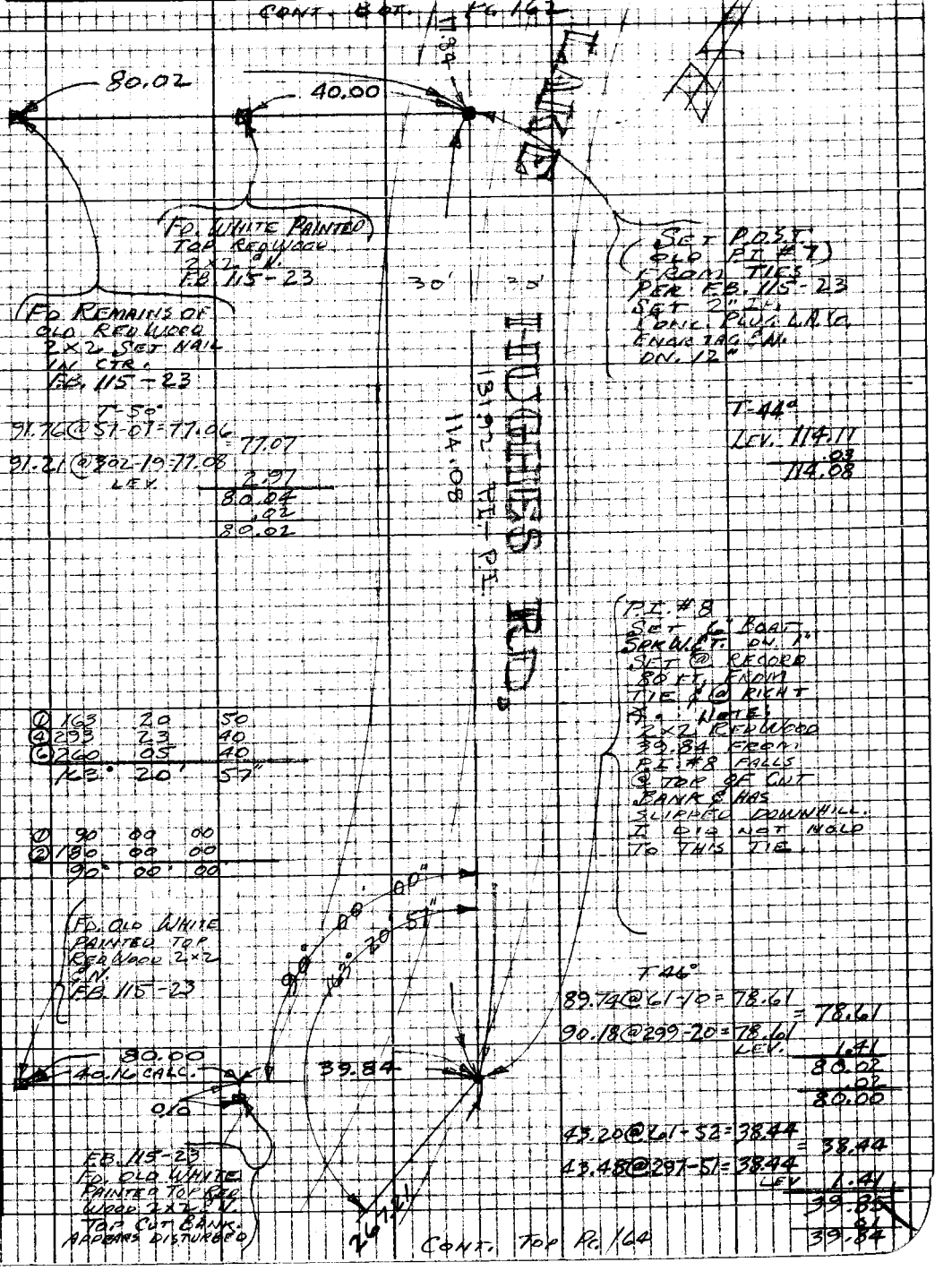
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Lake Hughes Rd.	F.B. 3401 Pg. 163
Map No.	IN 0097.39 Tape 171 Std 84 °F	1971
Office Work	Surveyed by C. L. WRIGHT	
Checked	Notes C. L. WRIGHT Date JAN	
Date	Indexed G. D. BAILEY OCT 24 1973	

CONT. BOT. PG. 162



CONT. TOP PG. 164

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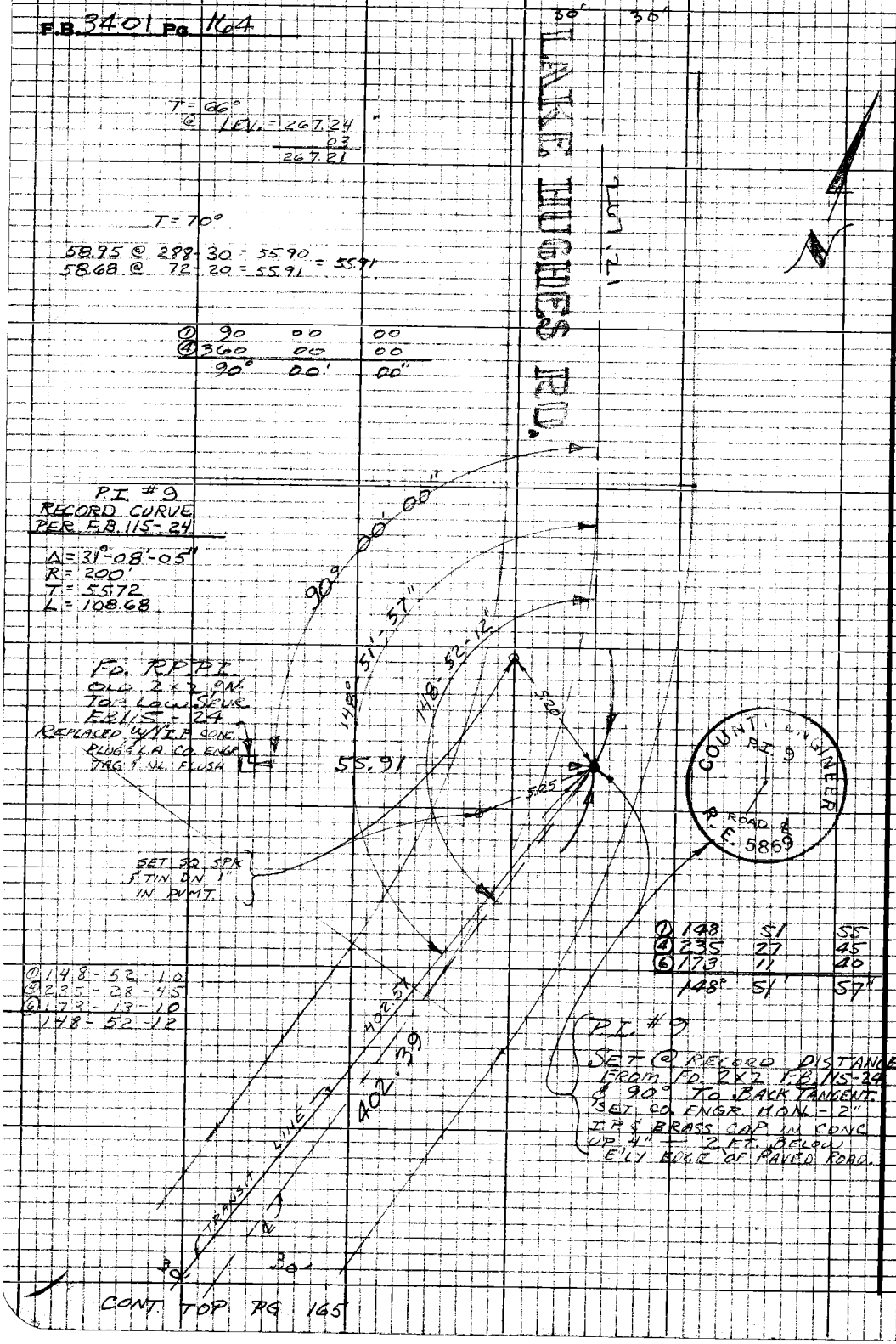
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

CONT. BOT. Pg. 163

F.B. 3401 Pg. 164



CONT. TOP PG 165

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Notes Ck'd by	Survey of LAKE HUGHES RD.	F.B. 3401 Pg. 165
Map No.	JN 0097.39 Tape 171 Std 84 °F	
Office Work	Surveyed by C. L. WRIGHT	1971
Checked	Notes C. L. WRIGHT M.R. NEVAREZ Date FEB	
Date	Indexed G. D. BAILEY OCT 24 1973	

CONT. BOT. PG 164

T = 66°
402.62 @ LEV = 402.62
.05
402.57

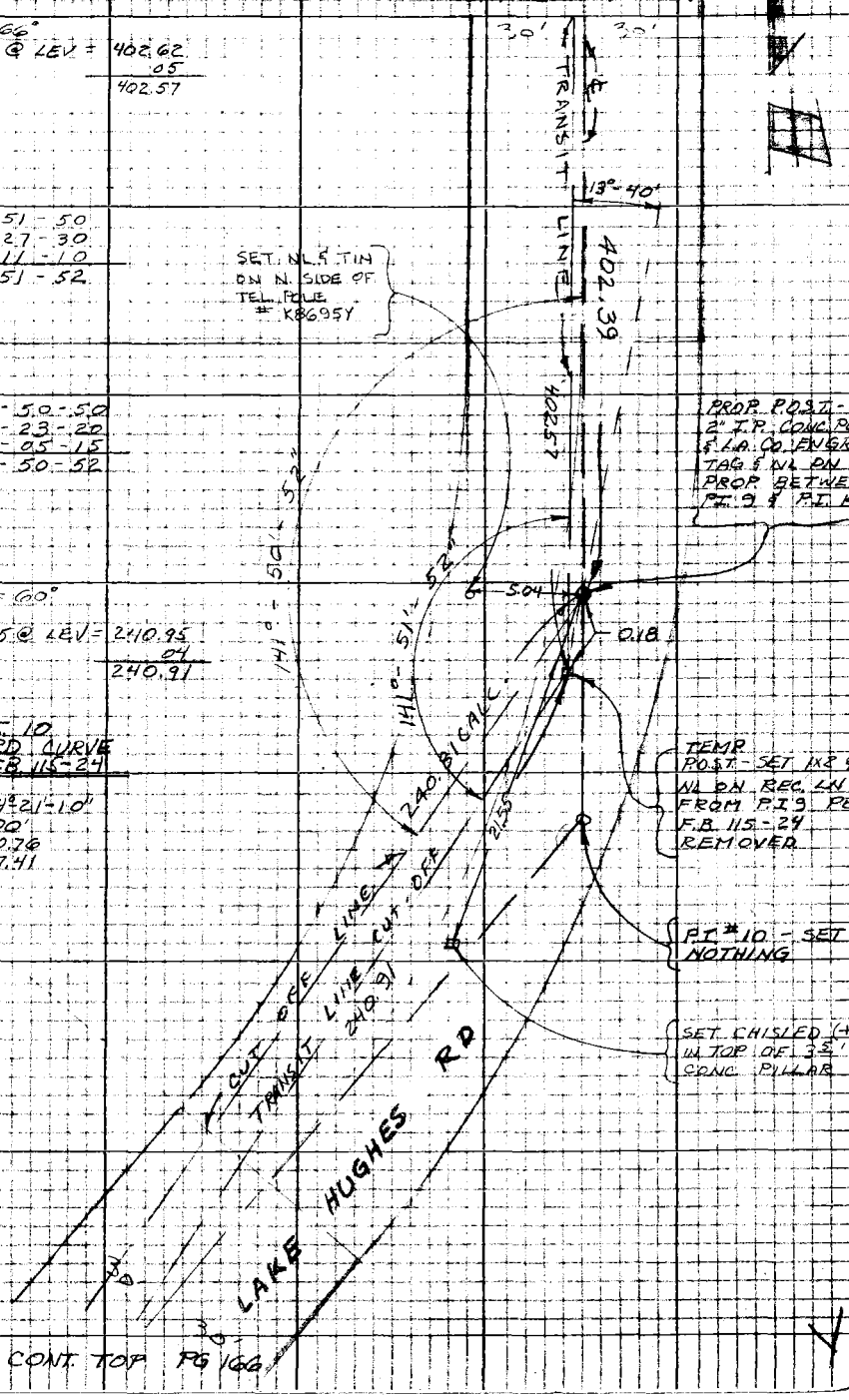
① 141 - 51 - 50
④ 207 - 27 - 30
⑥ 131 - 11 - 10
M = 141 - 51 - 52

① 141 - 50 - 50
④ 207 - 23 - 20
⑥ 131 - 05 - 15
M = 141 - 50 - 52

T = 60°
240.95 @ LEV = 240.95
.04
240.91

P.I. 10
RECORD CURVE
PER F.B. 115-24

Δ = 44°21'-10"
R = 100'
T = 40.76
L = 77.41



CONT. TOP PG 166

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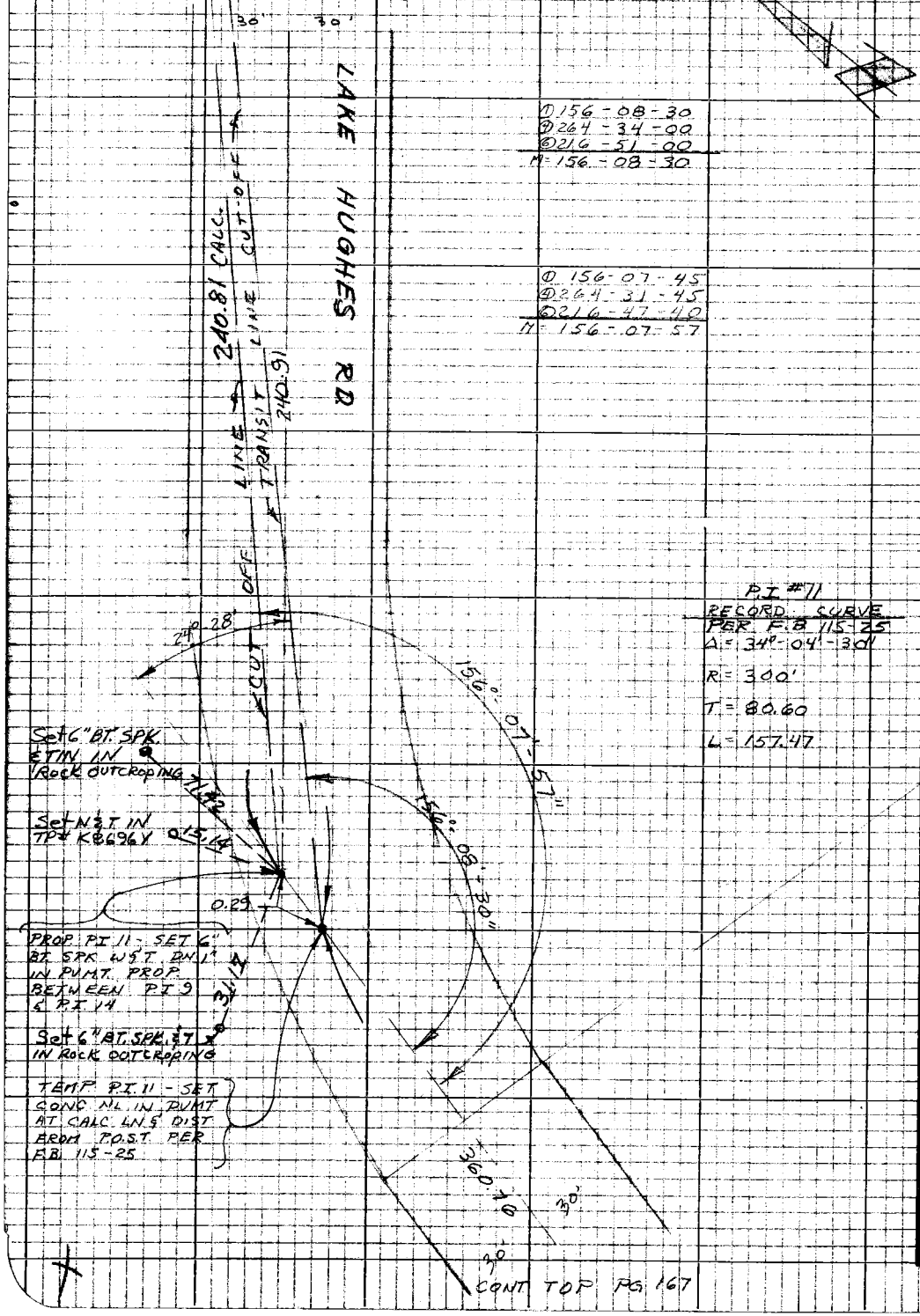
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3096 CE #310 8-66

F.B. 3401 Pg. 166

CONT. BOT. PG 165



CONT. TOP PG 167

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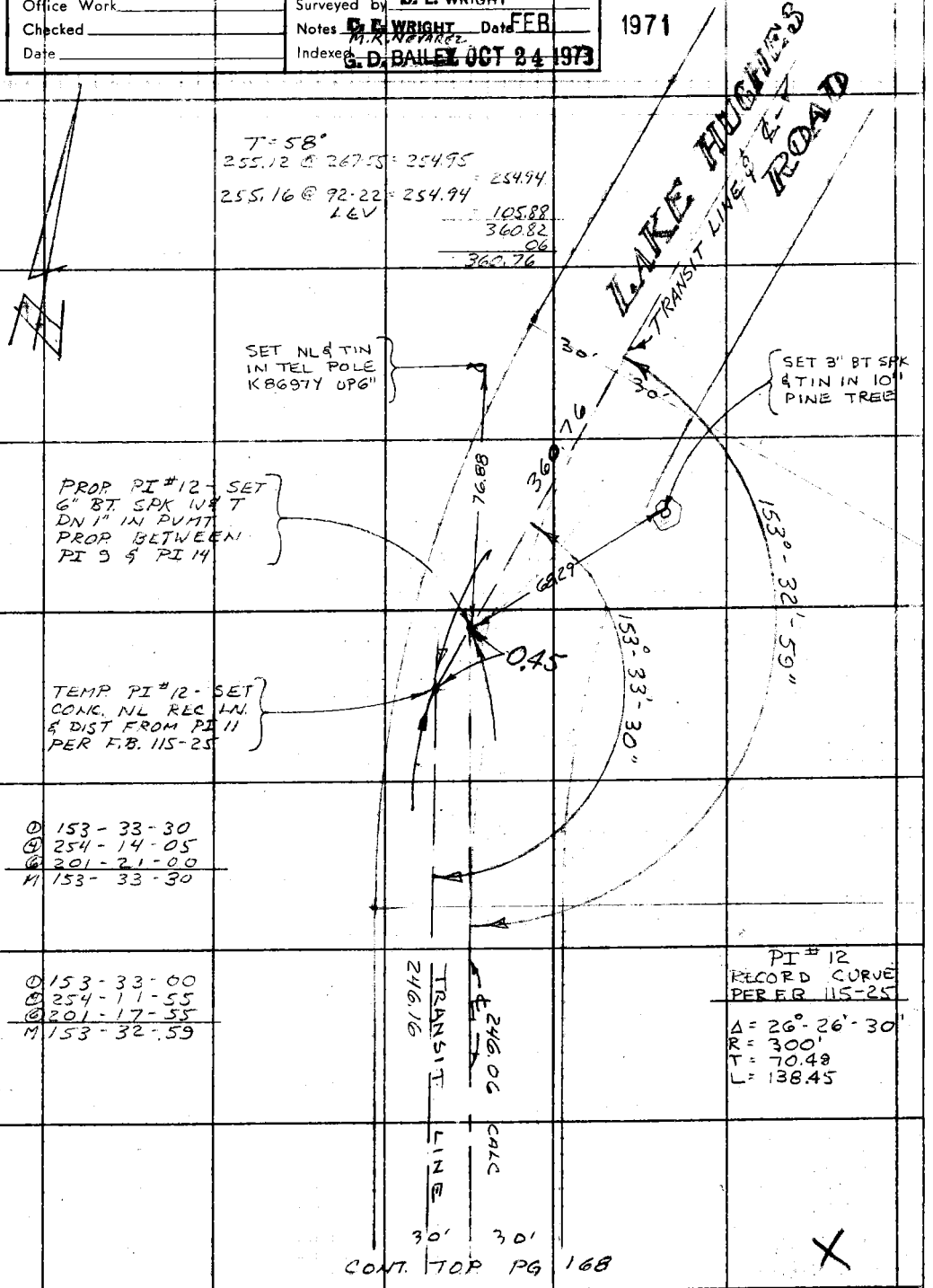
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of LAKE HUGHES RD
Map No.	JN 0097.39 Tape 171 Std 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. WRIGHT Date FEB
Date	Indexed M.R. NEVAREZ G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 167

CONT. BOT. PG 166

1971



CONT. TOP PG 168

X

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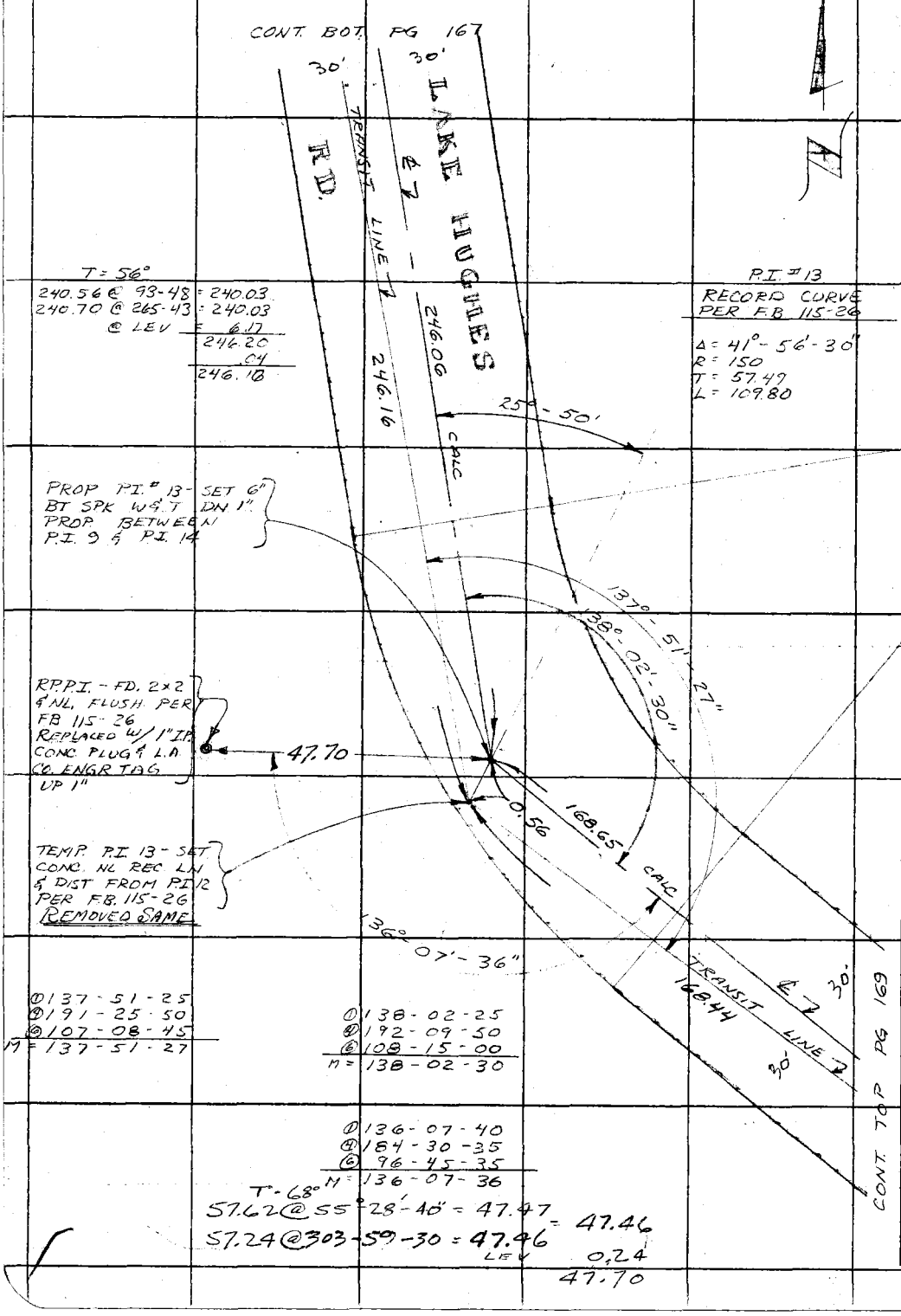
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

F. B. 3401 PG. 168



T = 56°
240.56 @ 93-48 = 240.03
240.70 @ 265-43 = 240.03
@ LEV = 6.17
246.20
.04
246.16

P.I. # 13
RECORD CURVE
PER F.B. 115-26
Δ = 41° - 56' - 30"
R = 150
T = 57.49
L = 109.80

PROP P.I. # 13 - SET 6" BT SPK W & T DN 1" PROP. BETWEEN P.I. 9 & P.I. 14

RP.P.I. - FD. 2×2 & NL. FLUSH PER FB 115-26 REPLACED W/ 1" I.P. CONC. PLUG & L.A. CO. ENGR TAG UP 1"

47.70

TEMP. P.I. 13 - SET CONC. NL REC. LN & DIST FROM P.I. 12 PER F.B. 115-26 REMOVED SAME

① 137 - 51 - 25
④ 191 - 25 - 50
⑥ 107 - 08 - 45
M = 137 - 51 - 27

① 138 - 02 - 25
④ 192 - 09 - 50
⑥ 108 - 15 - 00
M = 138 - 02 - 30

① 136 - 07 - 40
④ 184 - 30 - 35
⑥ 96 - 45 - 35
M = 136 - 07 - 36

T = 68°
57.62 @ 55° 28' - 40" = 47.47
57.24 @ 303 - 59 - 30 = 47.46 = 47.46
LEV 0.24
47.70

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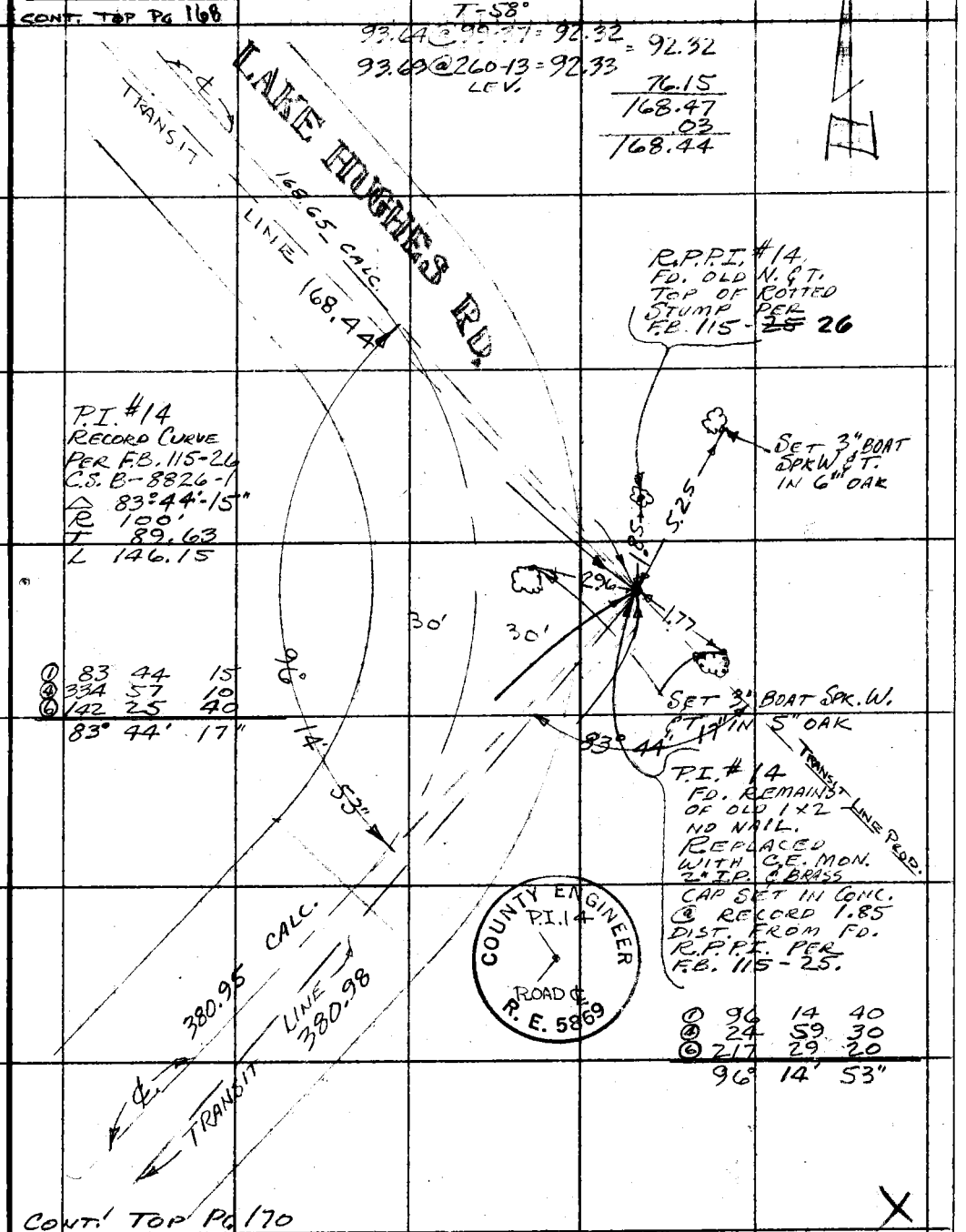
W-77 A-5

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 171 Std. 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. WRIGHT Date FEB
Date	Indexed G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 169

1971

CONT. TOP PG 168



P.I. #14
RECORD CURVE
PER F.B. 115-26
C.S. B-8826-1
Δ 83°44'-15"
R 100'
T 89.63
L 146.15

①	83	44	15
④	334	57	10
⑥	142	25	40
	83°	44'	17"

①	96	14	40
④	24	59	30
⑥	217	29	20
	96°	14'	53"

CONT. TOP PG 170

X

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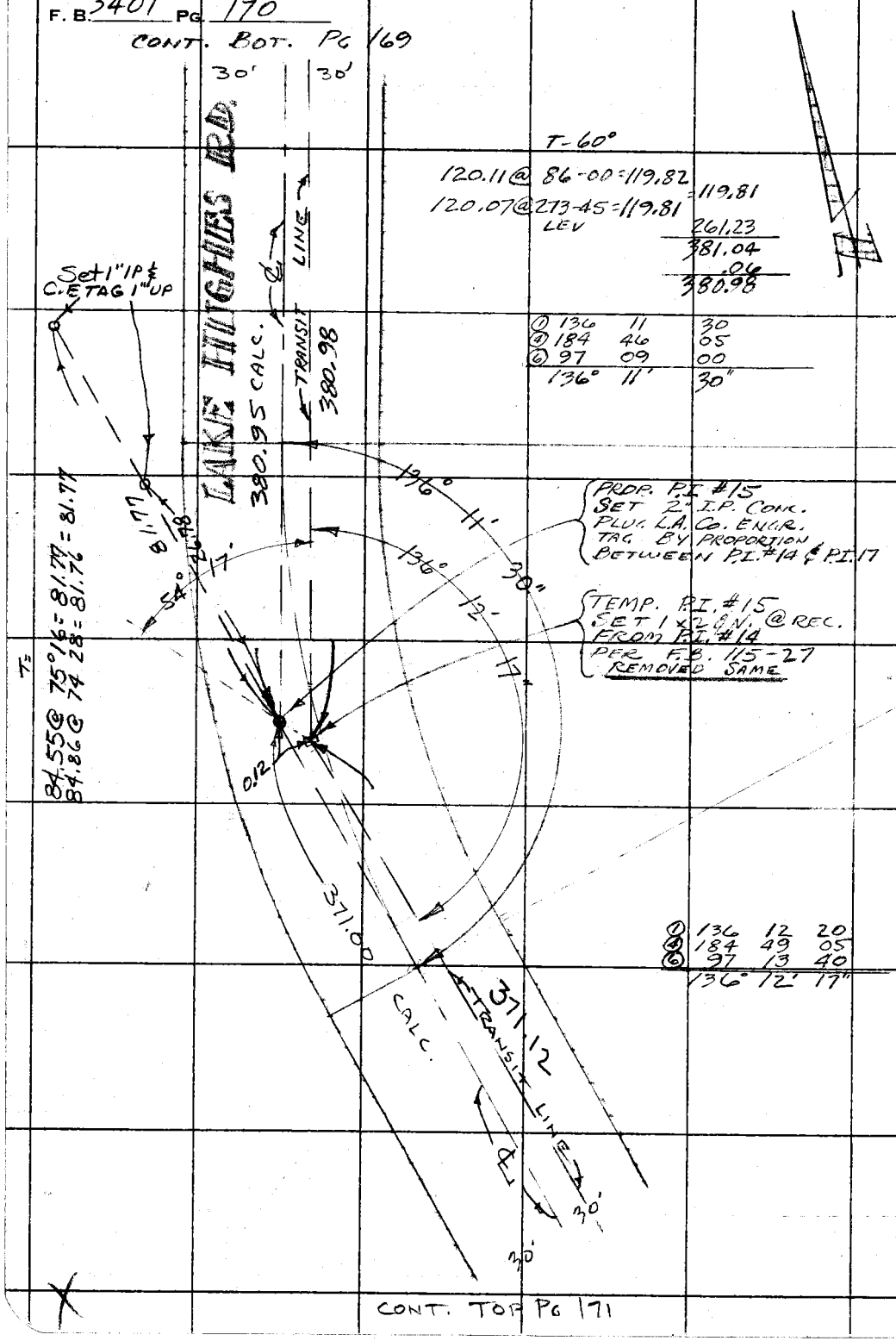
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3401 PG. 170

CONT. BOT. PG 169



CONT. TOP PG 171

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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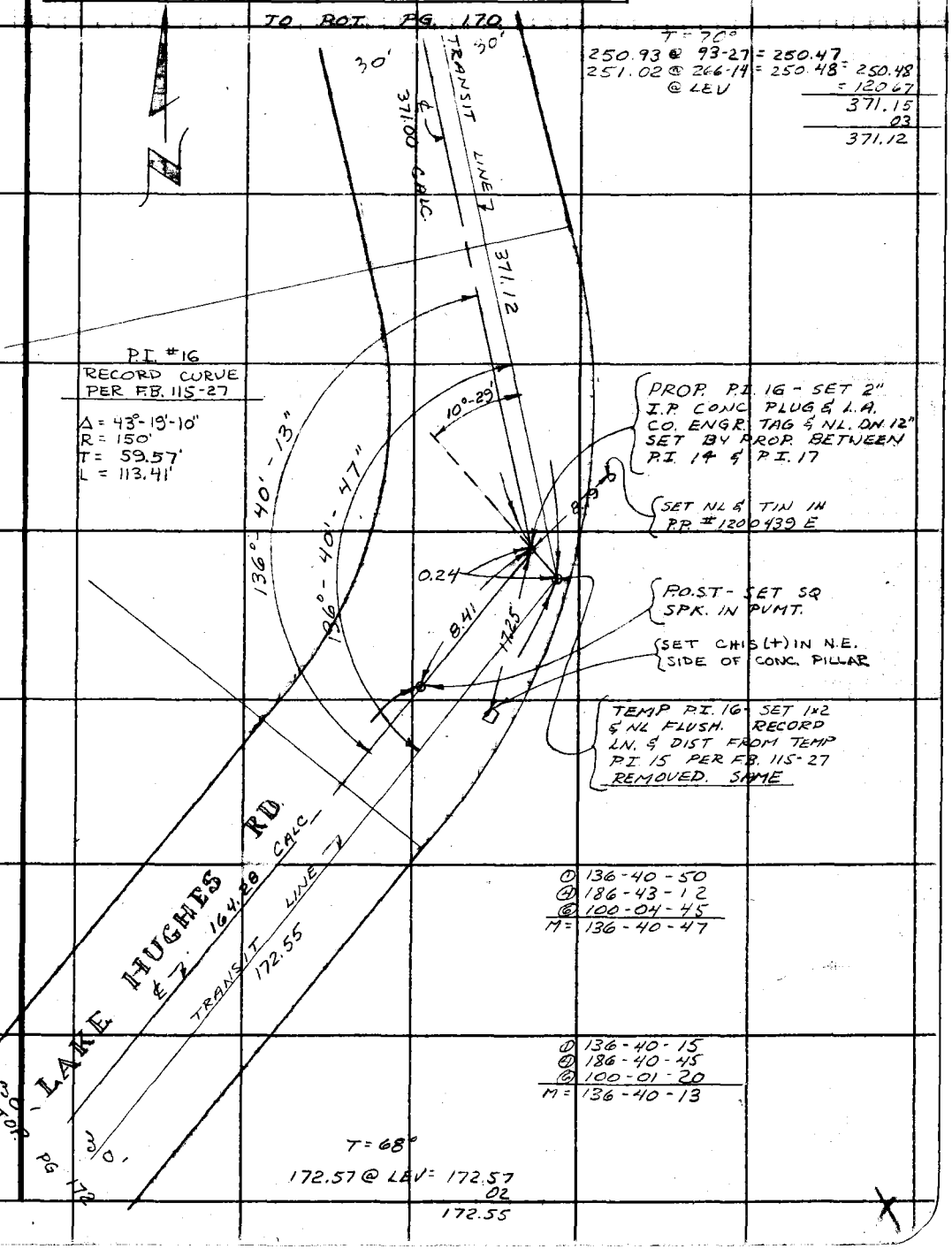
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 171 Std. 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes M.R. NEVAREZ Date MAR. 71
Date	Indexed G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 171

TO BOT. PG. 170



T = 70°
250.93 @ 93-27 = 250.47
251.02 @ 266-14 = 250.48 = 250.48
@ LEV = 120.67
371.15
03
371.12

① 136-40-50
④ 186-43-12
⑥ 100-04-45
M = 136-40-47

① 136-40-15
④ 186-40-45
⑥ 100-01-20
M = 136-40-13

T = 68°
172.57 @ LEV = 172.57
02
172.55

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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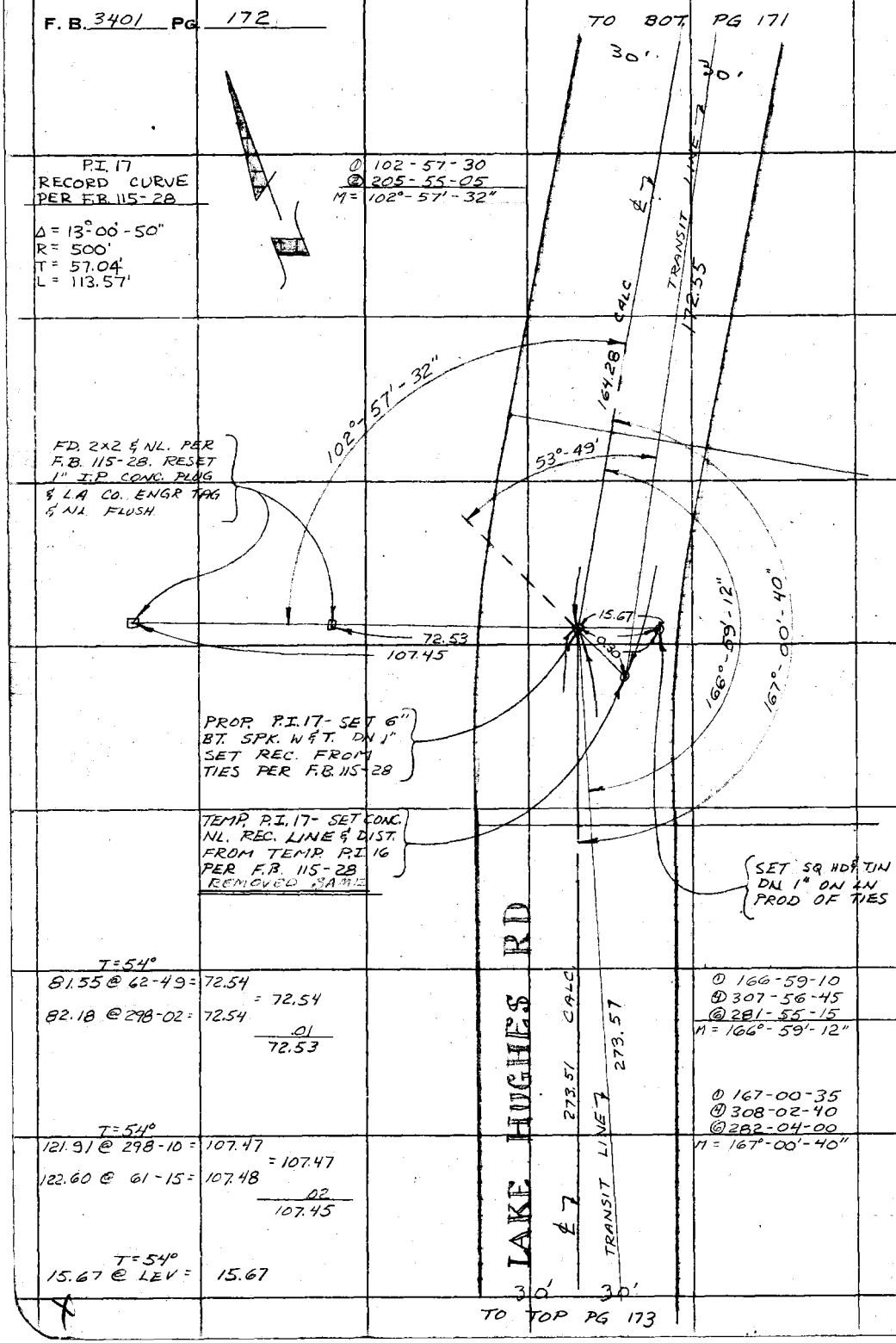
16F309S CE#310 3-69

F. B. 3401 PG 172



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DEPARTMENT OF COUNTY ENGINEER
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Notes Ck'd by	Survey of LAKE HUGHES RD.	F.B. 2461	Pg. 173
Map No.	JN 097789 Tape 171 Std 74 °F		
Office Work	Surveyed by C. L. WRIGHT		
Checked	Notes L. L. WRIGHT Date MAR	1971	
Date	Indexed G. D. BAILEY OCT 24 1973		

CONT. BOT. PG. 172

① 114	27	00	
② 228	54	00	
114°	27'	00"	

① 148	45	30	
④ 235	14	00	
⑥ 172	57	05	
148°	28'	31"	
① 148	47	35	
④ 235	10	00	
⑥ 172	45	05	
148°	47'	34"	

30 30

T-80°

262.18 @ 93-47 = 261.61

262.08 @ 93-37 = 261.61

LS 1.

11.97

273.58

273.57

273.57 CALC.

273.51 TRANSIT LINE

R.L. #18
RECORD CURVE
PER F.B. 115-28
Δ 31°-11'-30"
R 150'
T 41.87
L 81.66

148° 47'

148° 47'

148° 47'

31"

114° 27' 00"

85.38

0.13

TEMPORARY
R.L. #18
CUT ⊕ IN
ROCK @ RECORD
LINE & DIST. FROM
PI #17
PER F.B. 115-28

100.06 @ 59-09 = 85.90

100.47 @ 30-15 = 85.89

85.89
01
85.88

PROPOSED
P.I. #18
SET L.S. N.
L.A. CO. ENGR.
TAG IN ROCK
12" BELOW AND
1 FT. OFF-WAY.
EDGE PVMT.
SET BY PROP.
BETWEEN P.I. #17
AND P.I. #19
(SET 10" SQ. HD. &
TIN SURFACE TIES)

LAKE HUGHES RD.

CALC. 154.52

TRANSIT LINE

154.50 TRANSIT LINE

3.0

3.0

REP. P.I. #18 - FD. 2x2
& N.L. PER F.B. 115-28
REPLACED WITH 1"
I.P. CONC. PLUG &
L.A. CO. ENGR. TAG
& N.L. FLUSH.

CONT. TOP PG. 174

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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762308 CR #310 8-68

CONT. BOT. PG. 173

F.B. 3401 PG. 174

①	110	24	00
④	81	36	00
⑥	302	23	55
	110°	23'	59"

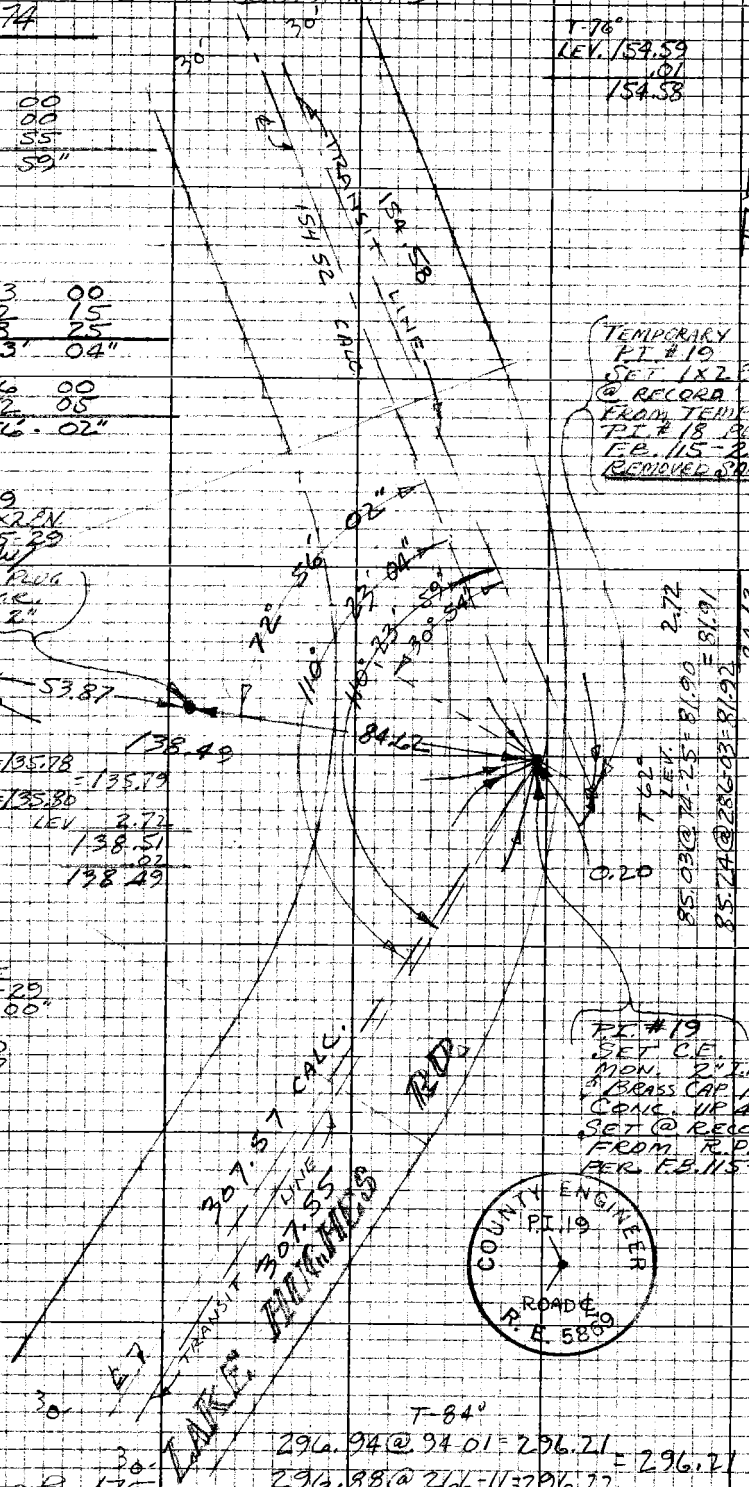
①	110	23	00
④	81	32	15
⑥	302	18	25
	110°	23'	04"

①	72	56	00
②	145	52	05
	72°	56'	02"

R.P.P.I. #19
FD. OLD 2x2 ℄N.
PER F.B. 115-29
REPLACED W/
1" I.P. CONC. PLUG
LA. CO. ENGR.
TAG ℄N. UP 2"

T-76°
LEV. 154.59
.01
154.58

TEMPORARY
P.I. #19
SET 1x2 ℄N.
@ RECORD
FROM TEMP
P.I. #18 PER
F.B. 115-29
REMOVED SAME



T-62°
143.40 @ 288-46 = 135.78
143.87 @ 70-43 = 135.80
= 135.79
LEV 2.72
138.51
.02
138.49

T-62°
LEV. 2.72
85.03 @ 74-25 = 81.90
85.74 @ 286-03 = 81.92
= 81.91
84.63
.01
84.62

P.I. #19
RECORD CURVE
PER F.B. 115-29
Δ 69°-36'-00"
R 100'
T 69.50
L 121.47

P.I. #19
SET C.E.
MON. 2" I.P.
& BRASS CAP IN
CONC. UP 4"
SET @ RECORD
FROM R.P.'S
PER F.B. 115-29

COUNTY ENGINEER
P.I. 19
ROAD ℄
R.E. 5869

T-84°
296.94 @ 94-01 = 296.21
296.88 @ 266-11 = 296.22
= 296.21
LEV 11.34
307.55

CONT. TOP PG. 175

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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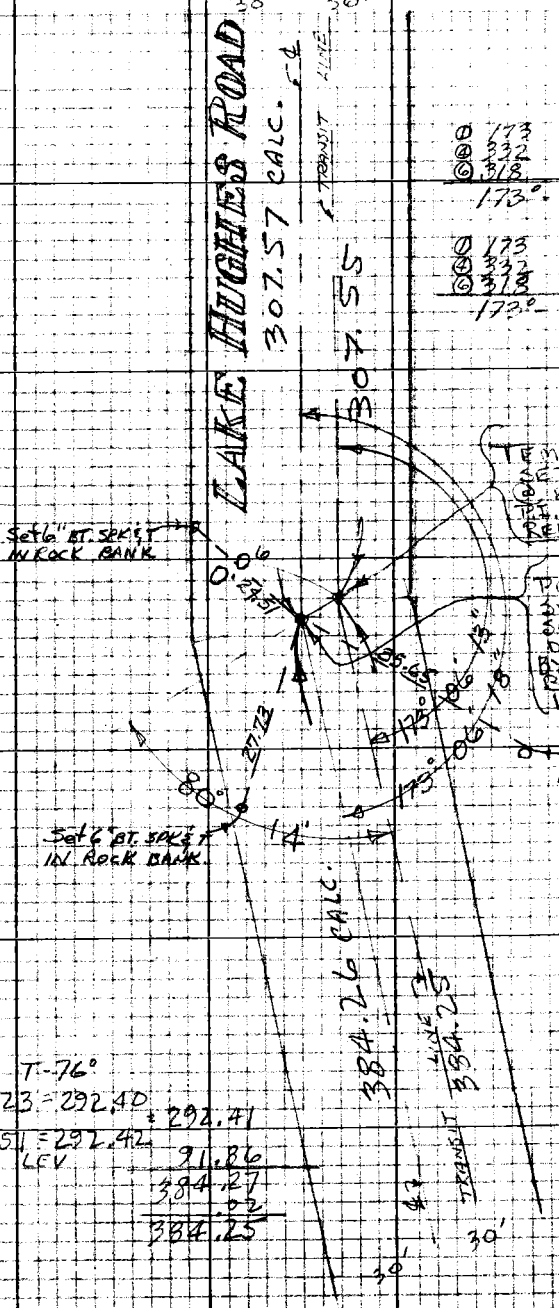
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 6097.39 Tape 13 Std 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. WRIGHT Date
Date	Index G. D. BAILEY OCT 24 1973

F.B. 3401 Pg. 175

1971

CONT. BOT. PG. 174



① 173 06 10
④ 332 24 50
⑥ 318 37 20
173° 06' 13" ✓

① 173 06 20
④ 332 25 05
⑥ 318 37 50
173° 06' 18" ✓

T-76°
292.98 @ .266 - 23 = 292.40 = 292.41
293.11 @ 93 - 51 = 292.42 LEV
91.86
384.27
.02
384.25

CONT. TOP PG. 176

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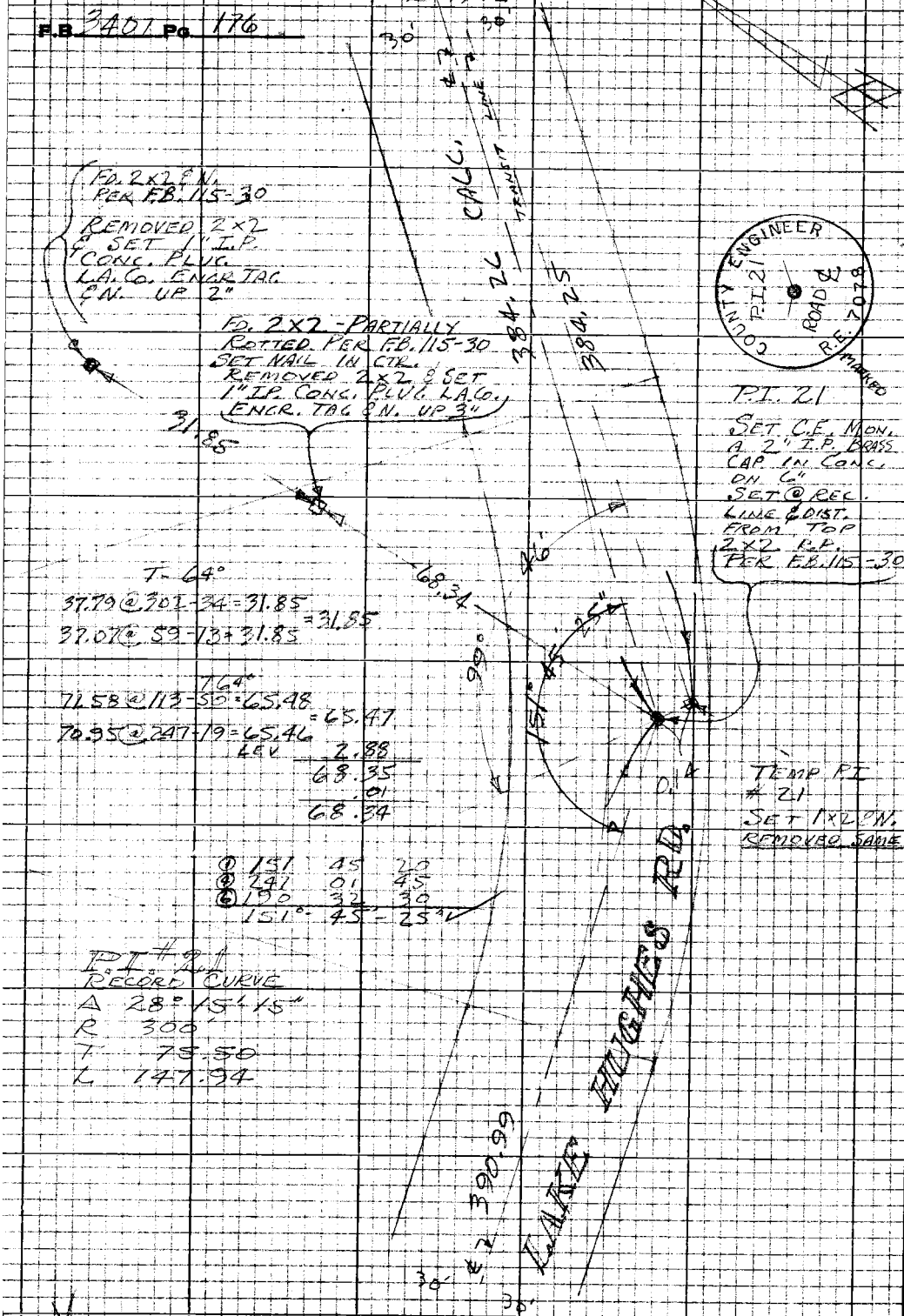
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 5-66

CONT. BOT. PG 175

F.B. 3401 PG. 176



CONT. TOP PG 177

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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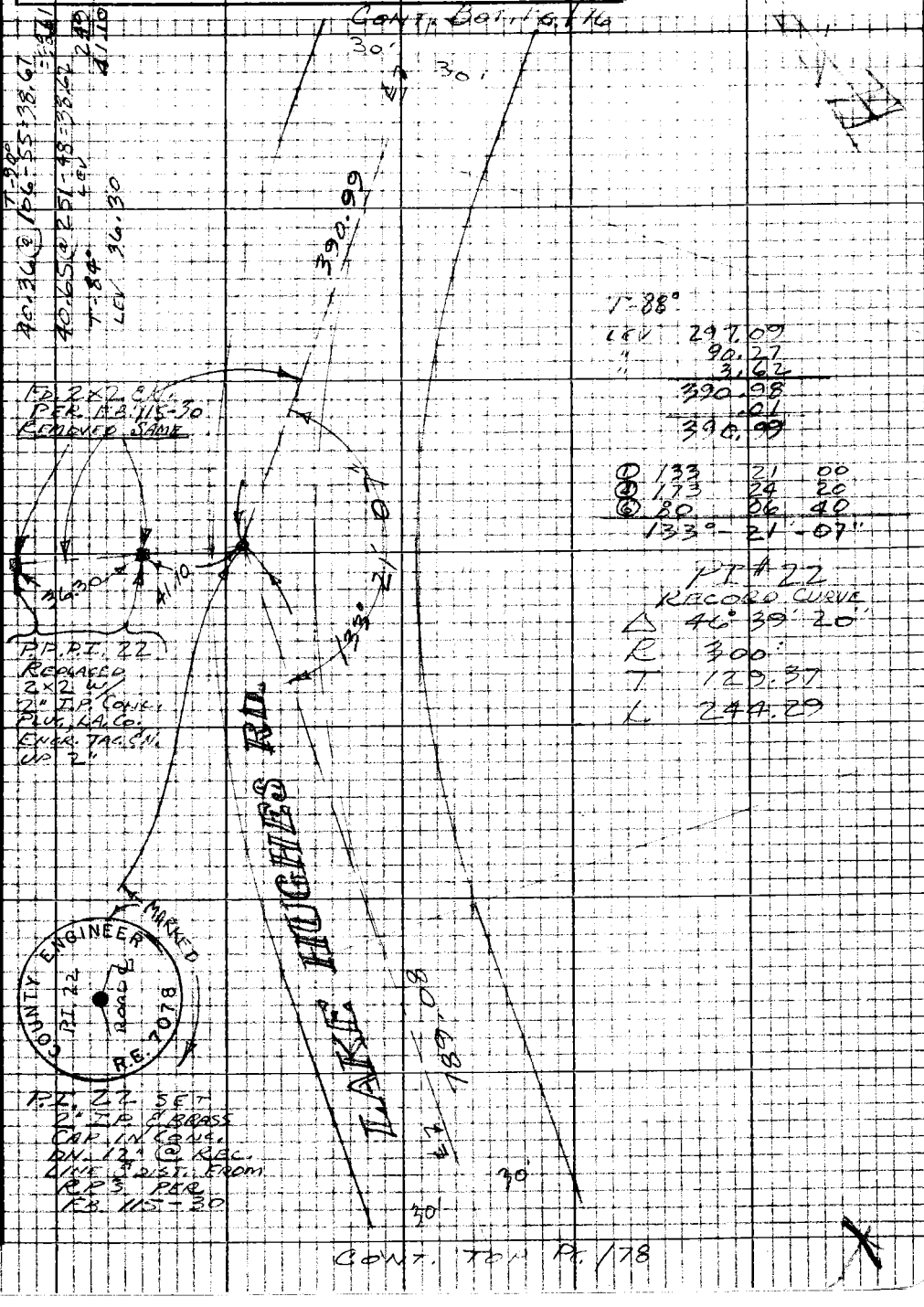
Notes Ck'd by	Survey of Lake Hughes Rd.	F.B. 3401 Pg. 177
Map No.	JN 4097.39 Tape 13 Std 84 °F	
Office Work	Surveyed by C. L. WRIGHT	1971
Checked	Notes C. L. WRIGHT Date JUL	
Date	Indexed L. D. BAILEY OCT 24 1973	



T-88°
LEV 297.09
" 90.27
" 3.62
390.98
.01
390.99

①	133	21	00
②	173	24	20
③	80	06	40
	133°-	21'-	07"

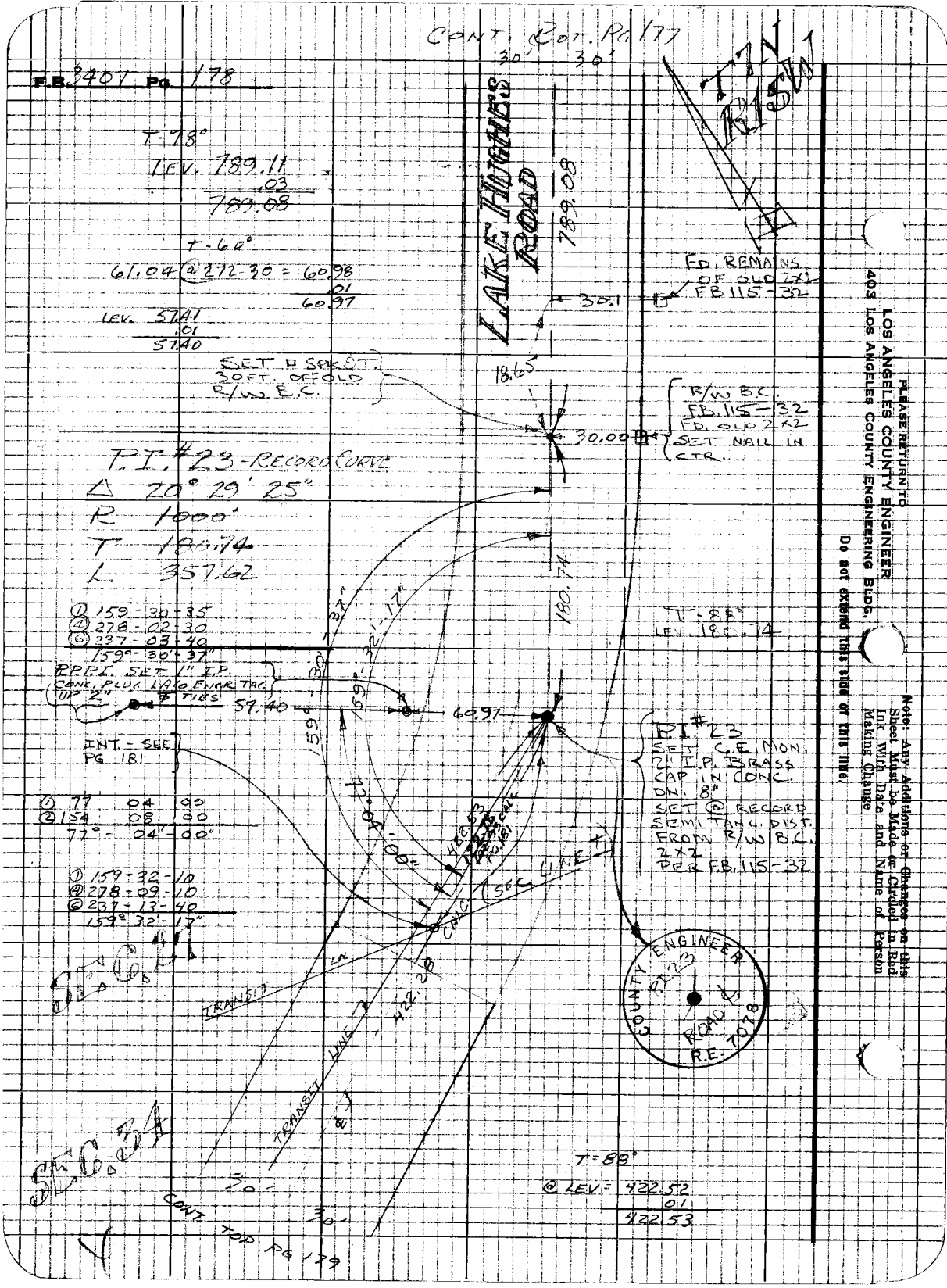
PI #22
RECORD CURVE
Δ 46° 39' 20"
R 300'
T 129.37
L 244.29

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

Do not extend this side of this line.

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

76P3096 CK #310 8-66



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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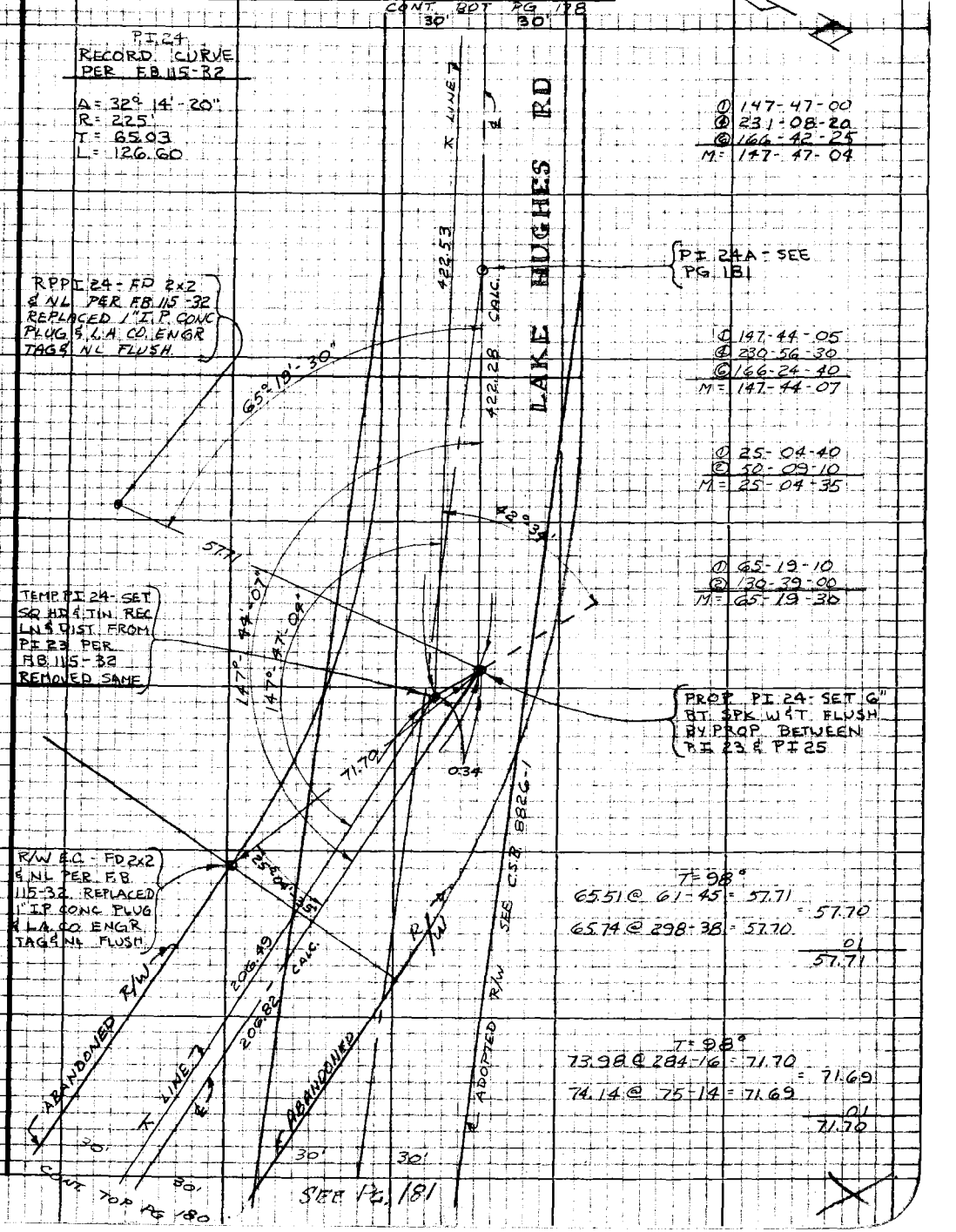
Notes Ck'd by	Survey of LAKE HUGHES RD
Map No.	JN 009739 Tape 13 Std 84°F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes M. NEVAREZ Date AUG 71
Date	Indexed

F.B. 3401 Pg. 179

OCT 24 1973



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

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

7-68 3095 CE #310 8-68

CONT. BOT. PG. 179

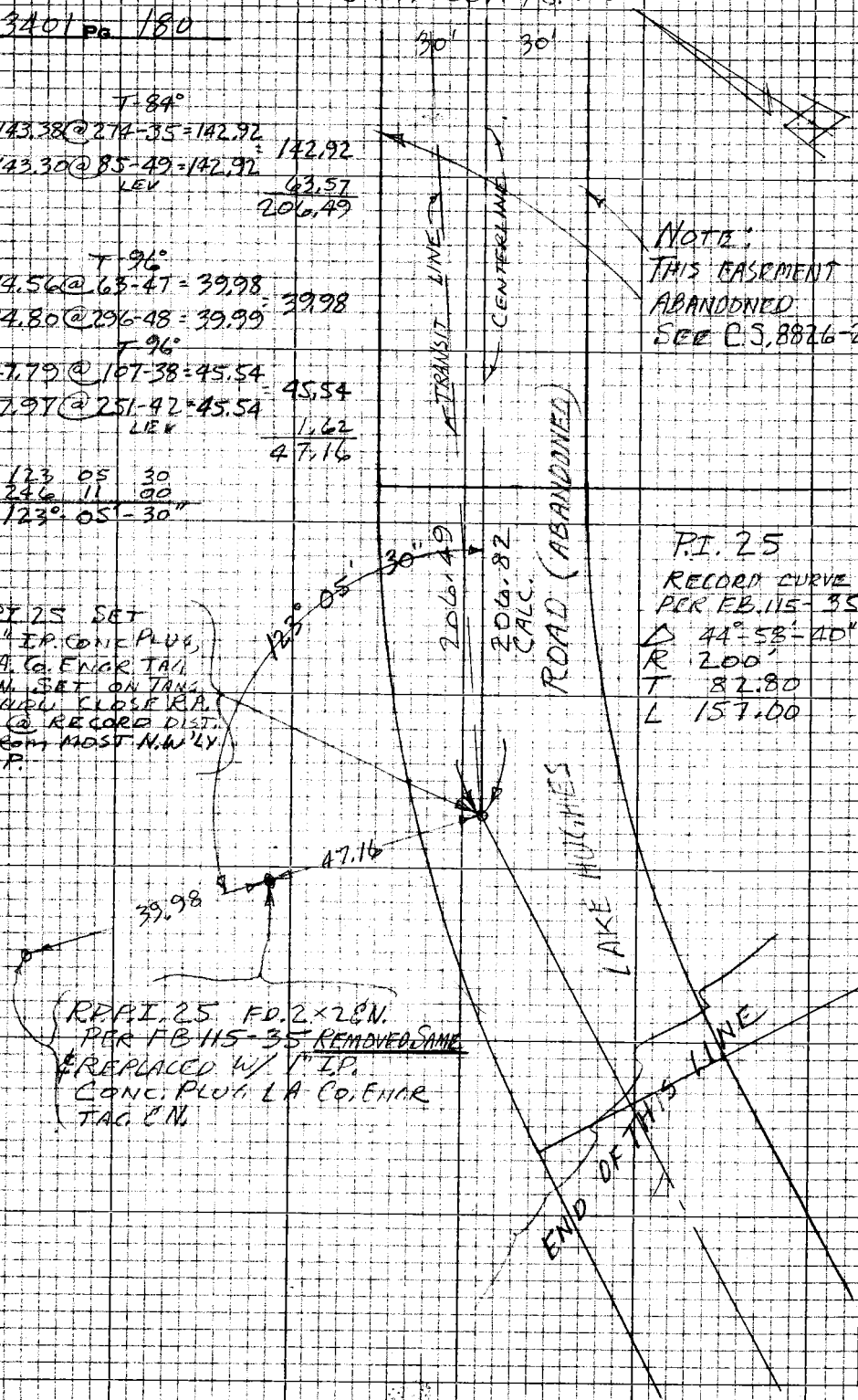
F.B. 3401 PG. 180

T-84°
143.38 @ 274-35 = 142.92
143.30 @ 85-49 = 142.92
LEV
142.92
63.57
206.49

T-96°
44.56 @ 63-47 = 39.98
44.80 @ 296-48 = 39.99
39.98

T-96°
47.79 @ 107-38 = 45.54
47.97 @ 251-42 = 45.54
LEV
45.54
1.62
47.16

① 123 05 30
② 246 11 00
123° 05' - 30"



PLEASE RETURN TO
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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

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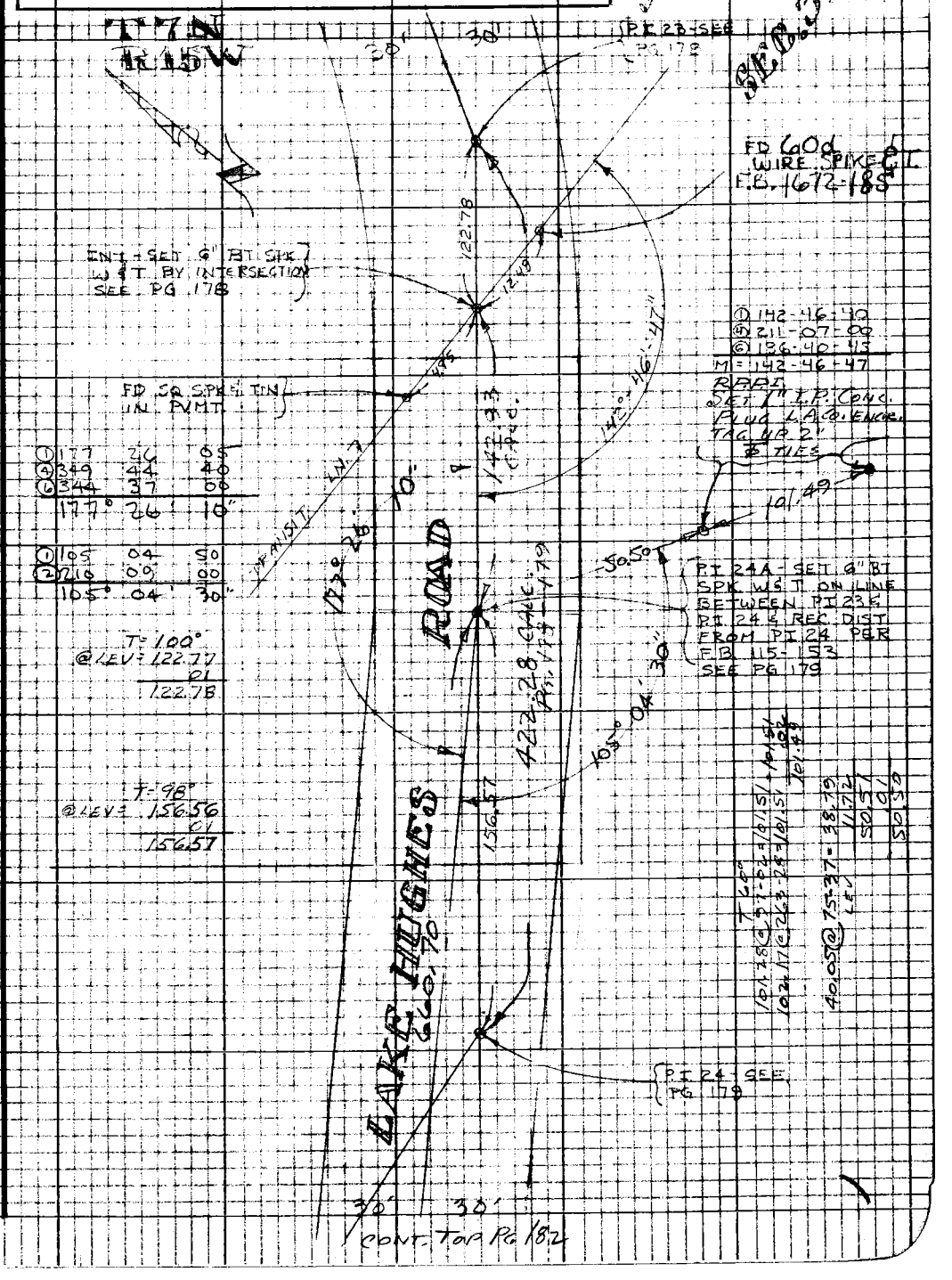
Notes Ck'd by	Survey of LAKE HUGHES RD
Map No.	JN 009139 Tape 13 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes M.R. NEVAREZ Date AUG 71
Date	Index G.D. BAILEY OCT 24 1973

F.B. 3401 Pg. 181



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

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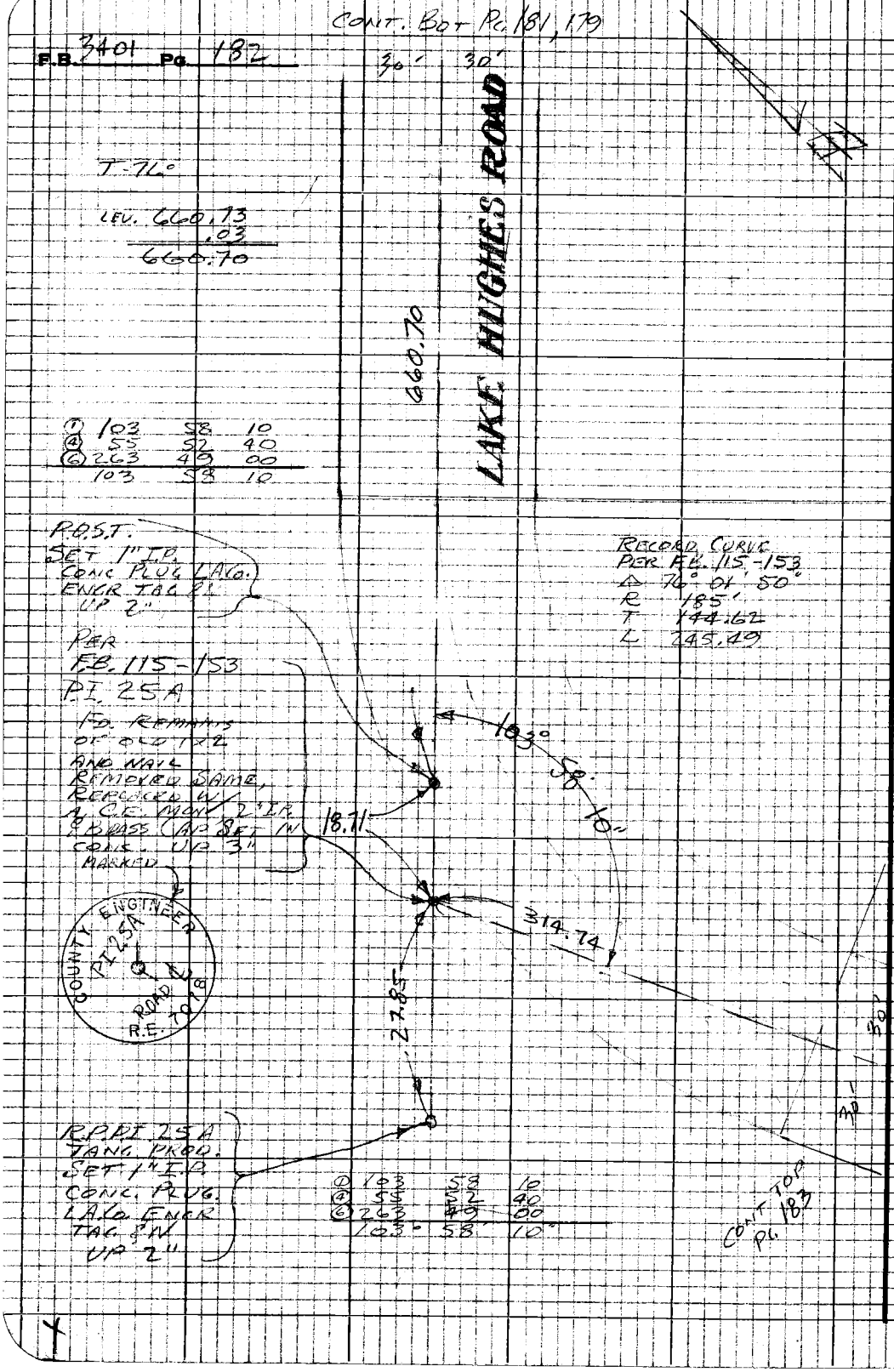
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 8-66

CONT. BOT PG. 181, 179

F.B. 3401 PG. 182



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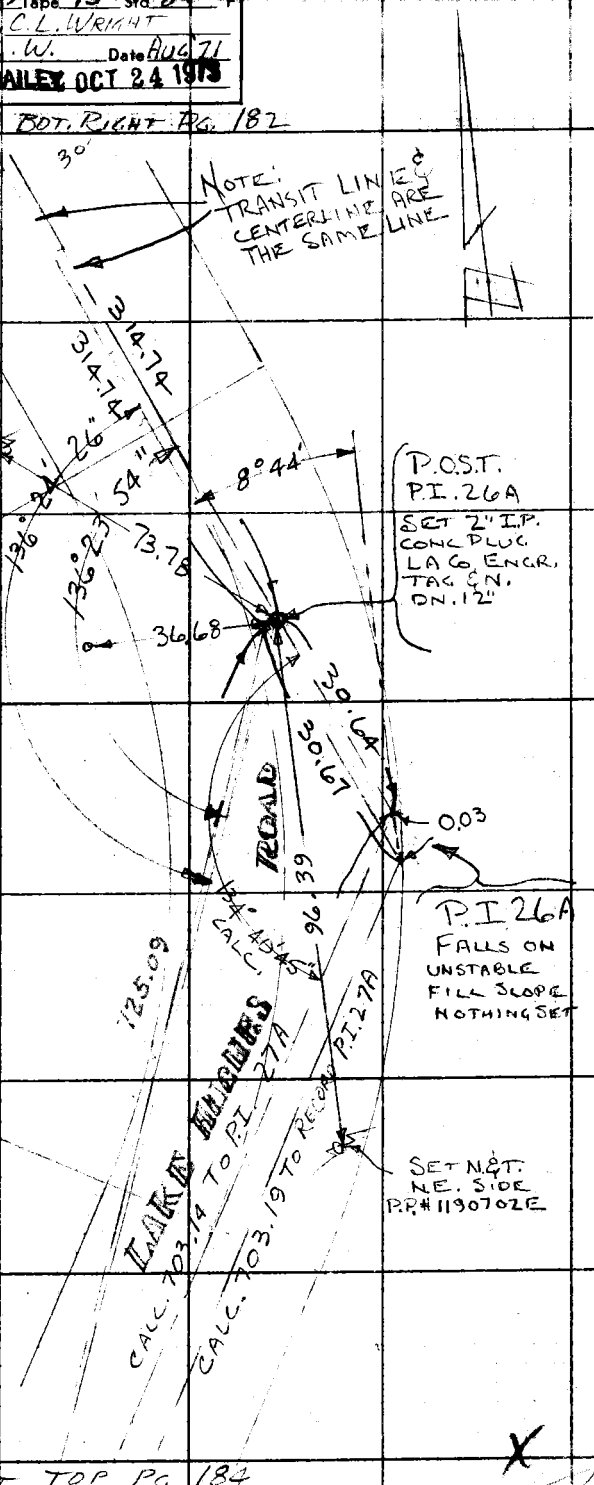
Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 13 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date AUG 71
Date	Indexed C.D. BAILEY OCT 24 1973

F. B. 3401 PG. 183

CONT. BOT. RIGHT PG. 182

①	136	24	25
④	185	37	40
⑥	98	26	35
	136° - 24' - 26"		

①	136	23	50
④	185	35	20
⑥	98	23	25
	136 - 23 - 54		



P.I. 26A
RECORD CURVE:
PER F.B. 115-153
Δ 45°-19'-00"
R 200'
T 83.49
L 158.19

CONT. TOP PG. 184

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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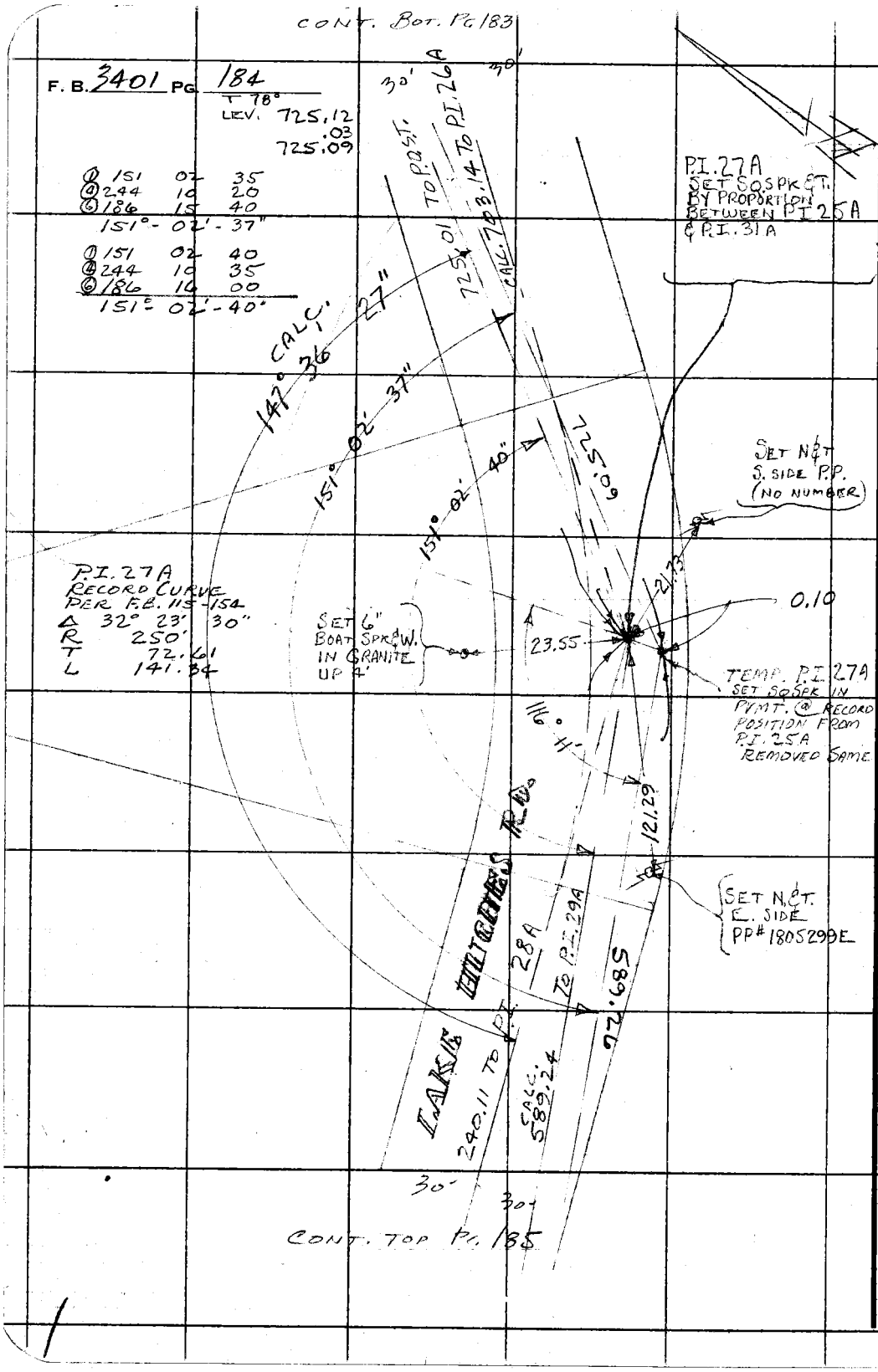
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69



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

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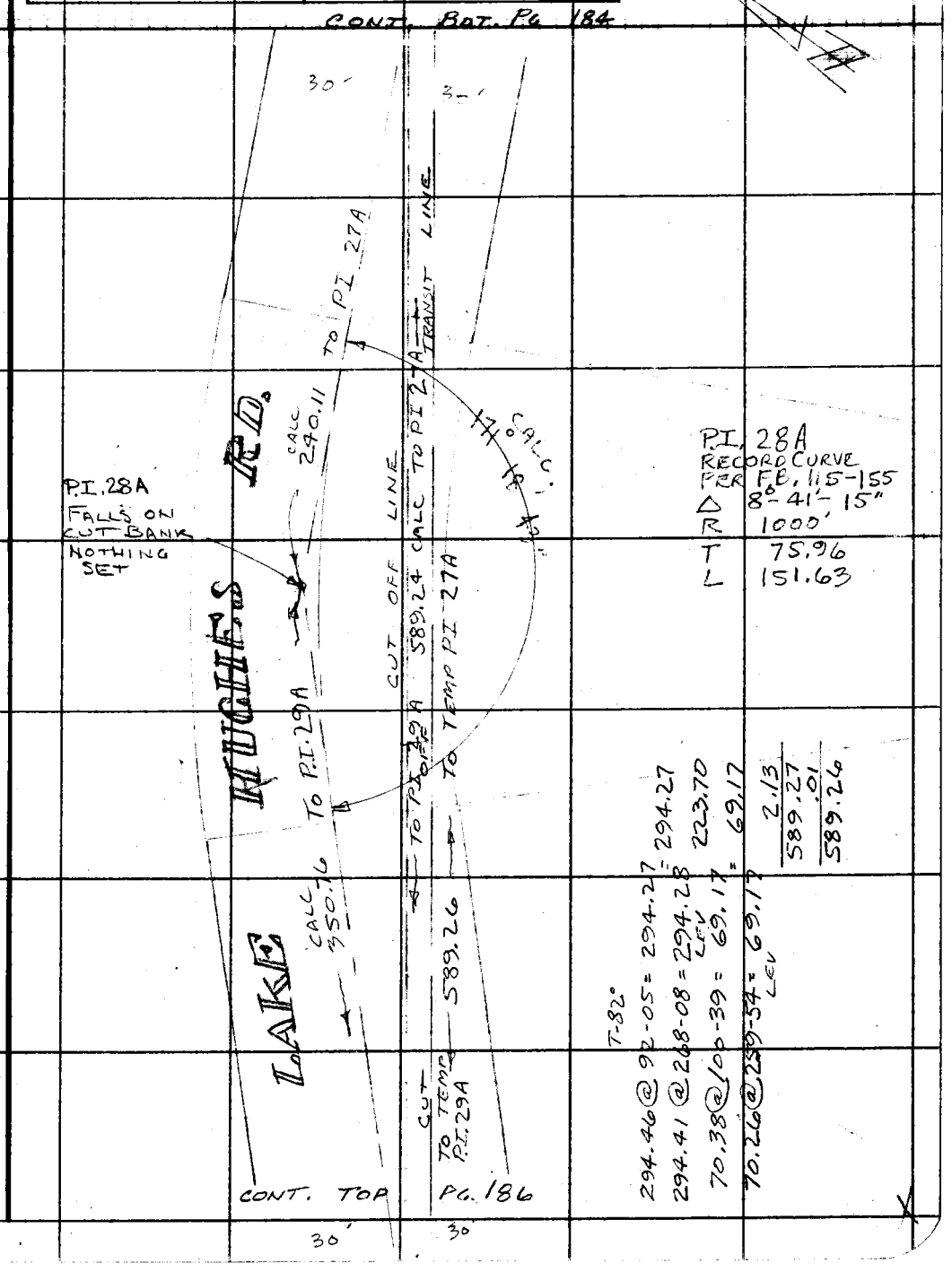
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 13 Std. 84 °F
Office Work	Surveyed by C.L. Wright
Checked	Notes C.L.W. Date AUG 71
Date	Index G. D. BAILEY OCT 24 1973

F. B. 3401 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
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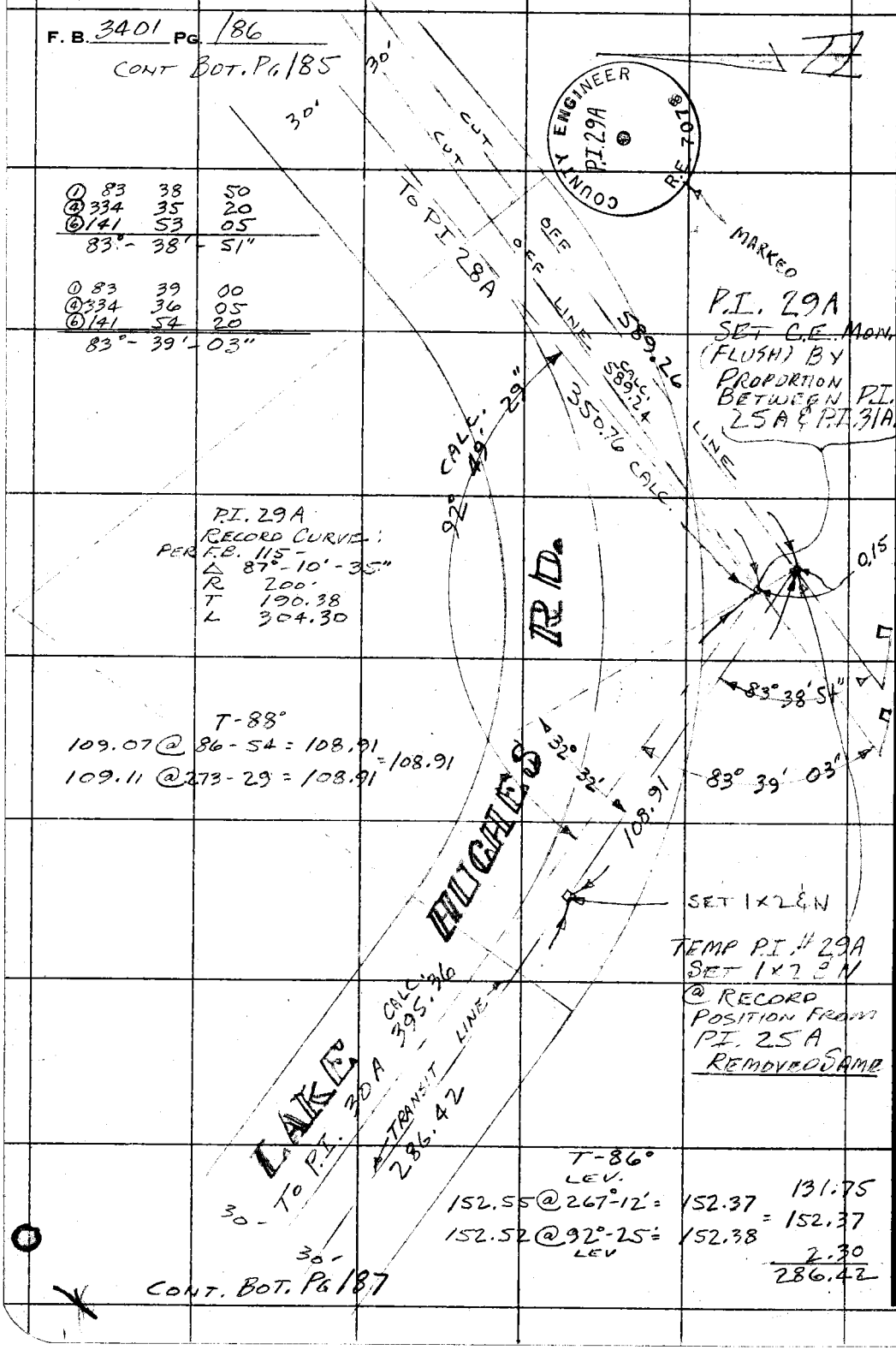
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3401 PG. 186

CONT BOT. PG 185



①	83	38	50
④	334	35	20
⑥	141	53	05
	83°	38'	51"

①	83	39	00
④	334	36	05
⑥	141	54	20
	83°	39'	03"

P.I. 29A
RECORD CURVE:
PER F.B. 115 -
Δ 87° - 10' - 35"
R 200'
T 190.38
L 304.30

T - 88°
109.07 @ 86 - 54 = 108.91
109.11 @ 273 - 29 = 108.91 = 108.91

T - 86°
LEV.
152.55 @ 267° - 12' = 152.37
152.52 @ 92° - 25' = 152.38
LEV

131.75
= 152.37
2.30
286.42

CONT. BOT. PG 187

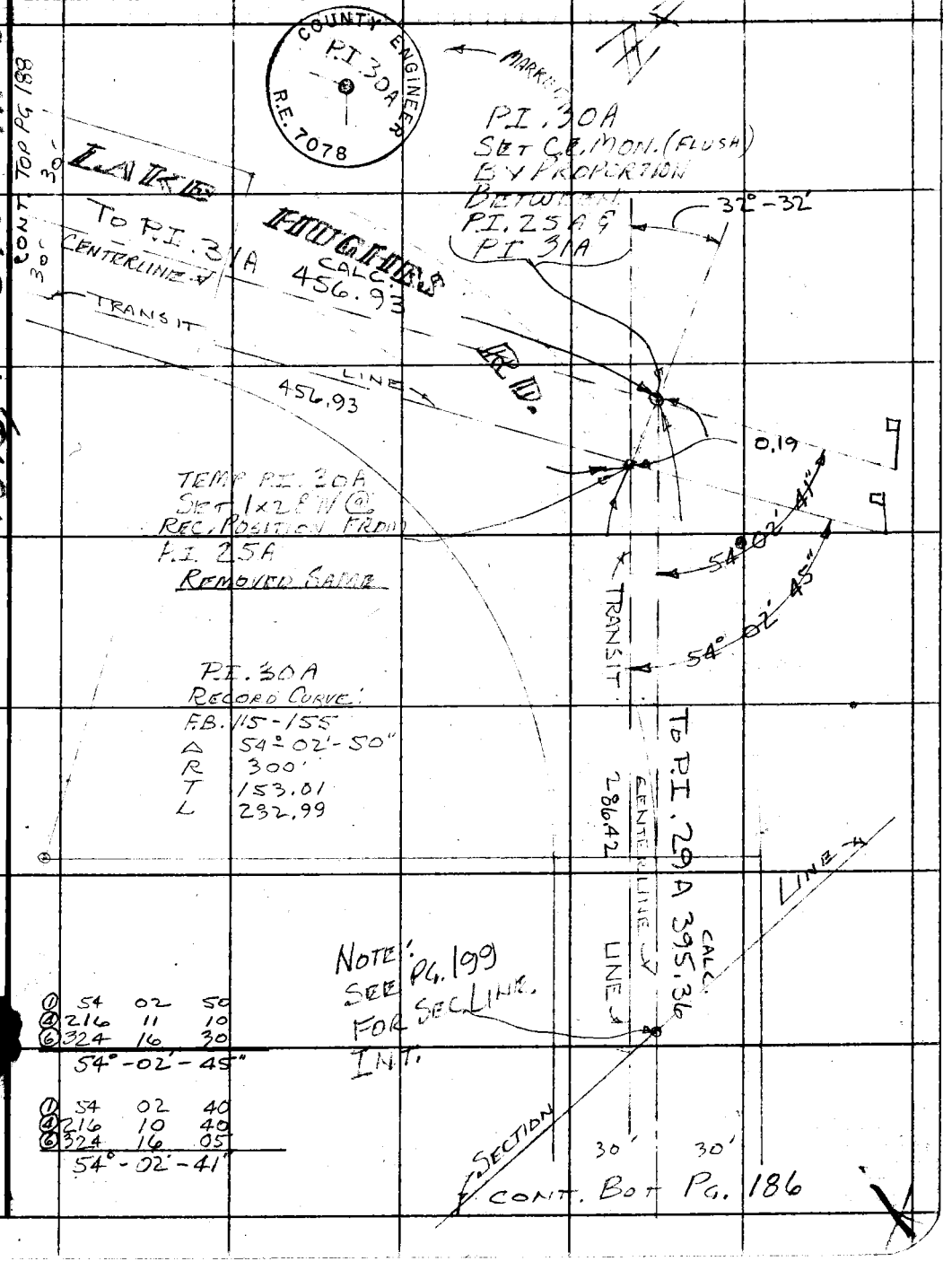
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 13 Std. 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L. WRIGHT Date AUG '71
Date	Index G.D. BAILEY OCT 24 1973

F. B. 3401 PG. 187



①	54	02	50
④	216	11	10
⑥	324	16	30
	54°-02'-45"		

①	54	02	40
④	216	10	40
⑥	324	16	05
	54°-02'-41"		

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

W573-D-S W.S. 72, A-5

76F309S CE#310 3-69

F. B. 3401 PG. 188

CONT. TOP LEFT PG. 187

OLD P.I. 30
SEE PG. 190
ALSO F.B. 115-41

30'

30'

LAKE HUGHES RD.

30A

TO P.I.

TRANSIT LINE

PG. 190
553.87

R.P.P.I. 31A
SET 6" BOAT SPK.
& W. IN GRANITE
UP 4'

CALC.
456.93

456.93

P.I. 31A
SET SQ. SPK. & T.
BY PROP.
BETWEEN
OLD P.I. 30
AND P.I. 31
SEE PG. 190

T=58°

45.05 @ 282-05 = 44.05
45.17 @ 77-13 = 44.05 = 44.05

300.41 @ 268-48 = 300.34
300.42 @ 91-15 = 300.35 = 300.34
LEV 111.56
" 1.06
457.01
.08
456.93

93°
25'
177° 01' 40"
20.39
15.10
15.82
0.23
172° 36' 33"

TEMP. P.I. 31A
SET NAIL & REC.
POSITION FROM
P.I. 25A

① 177 01 30
② 354 03 20
177° - 01' - 40"

PG. 190
770.23

R.P.P.I. 31A
SET 6" BOAT SPK.
& W. IN GRANITE
UP 4'

① 172 36 25
② 330 26 20
③ 315 39 20
172° - 36' - 33"

R.P.P.I. 31A
SET L&N-LA
CO. ENGR TAG
0.5' W. OF E. END
CONC. & RUBBLE
HEADWALL

30'

30' CONT. TOP PG. 189

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 LAKE HUGHES RD.
Map No.	JN 007139 Tape 13 Std. 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date SEPT 71
Date	Indexed G. D. BAILEY OCT 24 1978

F. B. 3401 PG. 189

CONT. BOT PG 190

30' 30'

T-74°
LEV. 788.75
.05
788.70

LINE

770.23

788.70

0.29

SET NAIL
REMOVED SAME

T.P.O.T.
SET SQ. SPK. & T.
DN. 1" IN PVMT.

LAKE HUGHES RD.

T-74°
LEV. 809.26
.01
809.21

809.21

809.21

TRANSIT

CENTERLINE

0.47

SET NAIL
(REMOVED SAME)

T.P.O.S.T.
SET SQ SPK.
& T.
DN. 1" IN PVMT.

T-80°
LEV 154.44

154.44

154.13
CALC.

30' 30'

CONT TOP PG 191

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

F. B. 3401 PG. 190

OLD P.I. #30 SET 1" I.P. CONC. PLUG L.A.CO. ENGR. TAG ON @ REC. FROM CLOSE R.P. PER F.B. 115-41

FD. REMAINS OF OLD 2x2 R.P. P.I. #30 F.B. 115-41 REPLACED W/ 1" I.P. CONC. PLUG, N.& L.A.CO. ENGR. TAG

26.96 (26.96)

36.00 (36.13)

79° 56' 40"

T-80°

41.61 @ 59.54 = 36.00 = 36.01

41.96 @ 300-52 = 36.01

31.20 @ 125°52'30" = 25.28 = 25.28

30.76 @ 235-18 = 25.29

LEV 1.68

26.96

① 79 57 00

② 159 53 20

79° 56' 40"

535.40

T-84°

83.17 @ 276-58 = 82.56

83.38 @ 278-02 = 82.56 = 82.56

LEV 1.49

84.05

T-66°

74.57 @ 95-51 = 74.18

74.67 @ 96-34 = 74.18 = 74.18

.01

74.17

T-62°

79.57 @ 99-18 = 78.52

79.49 @ 261-01 = 78.52 = 78.52

.01

78.51

T-64°

300.35 @ 84-00 = 298.70

300.44 @ 276-09 = 298.71 = 298.71

.04

298.67

(553.95) 553.87

SEE PG. 188 FOR THIS LINE

NOTE: RUN UP APPEARS ON PG. 188

ROAD

SET NAIL

0.12

18.47

① 172 36 25

④ 330 26 20

⑥ 315 39 20

172° 36' 33"

RECORD CURVE

Δ 7°-23'-30"

R 1000'

T 64.59

L 129.01

P.I. 31 A

SET SQ. SPK & T. IN PVMT. BY PROPORTION BETWEEN P.I. 30 & PROPORTION P.I. 31 (PG. 191) ALSO SEE PG. 188 FOR THIS SAME POINT.

172° 36' 33"

788.70

770.23

LAKE HUGHES

30' 30'

CONT. TOP PG. 189

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

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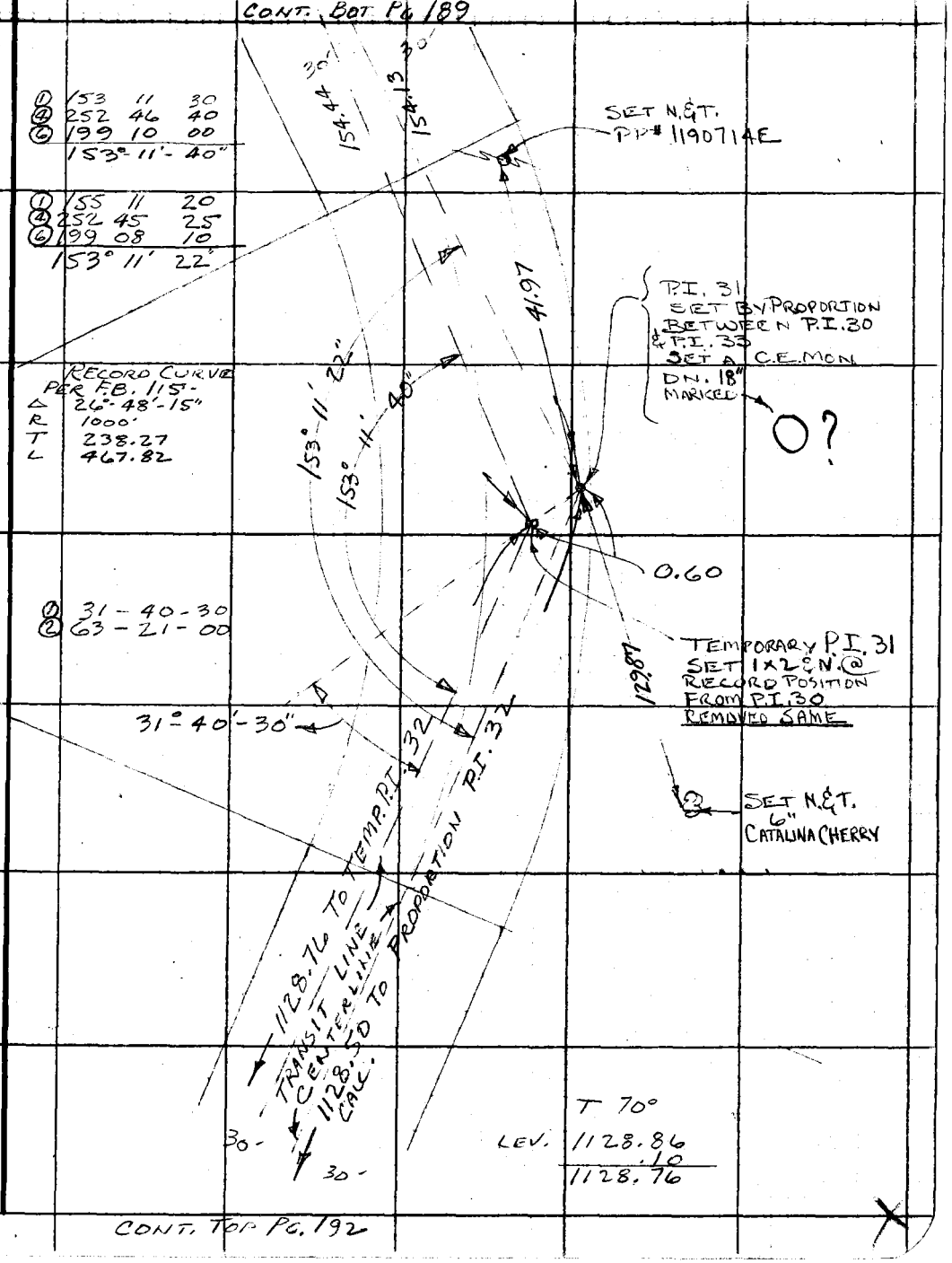
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 17 Std. °F
Office Work	Surveyed by
Checked	Notes Date NOV '72
Date	Index

F. B. 3401 PG. 191

D. BAILEY OCT 24 1973

CONT. BOT PG 189



CONT. 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.

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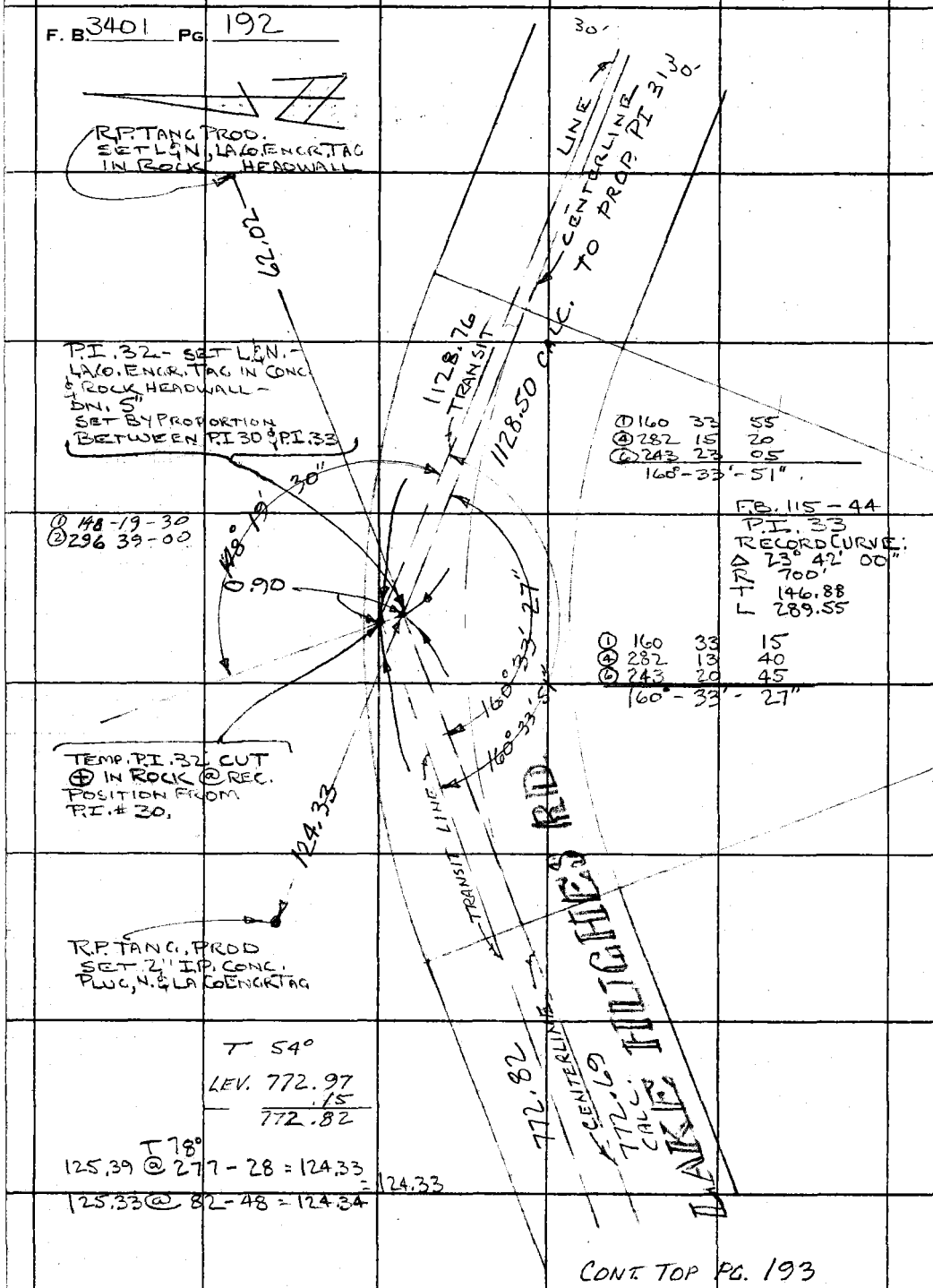
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

6F309S CEM310 3-69

CONT. BOT. PG. 191

F. B. 3401 PG. 192



CONT. TOP PG. 193

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF 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 LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 17 Std. 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date Nov 73
Date	Indexed R.D. BAILEY OCT 24 1978

F.B. 3401 PG. 193

CONT. BOT. 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.

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

① 128	52	25
② 155	29	20
128°-52'-20"		
① 128	53	20
② 155	33	20
128°-53'-20"		

(100' TAPE)
T-58°
49.79 @ 65-52 = 45.44
49.57 @ 293-33 = 45.44 = 45.44

128°-53'-20"

TEMP. P.I. #33
SET 1x2 G.N. @
REC. POSITION
FROM P.I. #30
REMOVED SAME

74.40

(45.45 REC)
45.44 MEAS.

F.B. 115-45
F.D. REMAINS OF OLD
2x2 F.B. 115-45
SET NAIL IN CTR.
REPLACED 2x2'S W/ 2" I.P.
CONC. PLUG & CO. ENGR TAG-FLUSH

P.I. #33 SET 1x2
G.N. @ RECORD FROM
TIES PER F.B. 115-45
DN. 8" REMOVED SAME
SET 2" I.P. CONC PLUG
L.A.CO. ENGR TAG. DN. 12"

T-58°
(100' TAPE)
76.33 @ 102-55 = 74.40
76.40 @ 256-53 = 74.41 = 74.40

T 46°
LEV. 337.60
08
337.52

TEMP. P.I. #32
TRANSIT LINE
CENTERLINE
PROPORTION P.I. #32

772.82 TO
(772.82) 772.69 TO
CALC.

1.10

(337.52)

156°-18'-58"

156°-17'-58"

52"
18'
17'
58"

RECORD CURVE:
Δ 23°-42'-00"
R 700'
T 146.88
L 289.55

① 156	18	45
② 265	15	15
③ 217	53	10
156°-18'-52"		

① 156	18	00
② 265	11	50
③ 217	47	50
156°-17'-58"		

~~SET 2" I.P. CONC PLUG L.A.CO. ENGR TAG DN. 12"~~

LAKE HUGHES ROAD

CALC. 337.53

CENTERLINE TRANSIT LINE

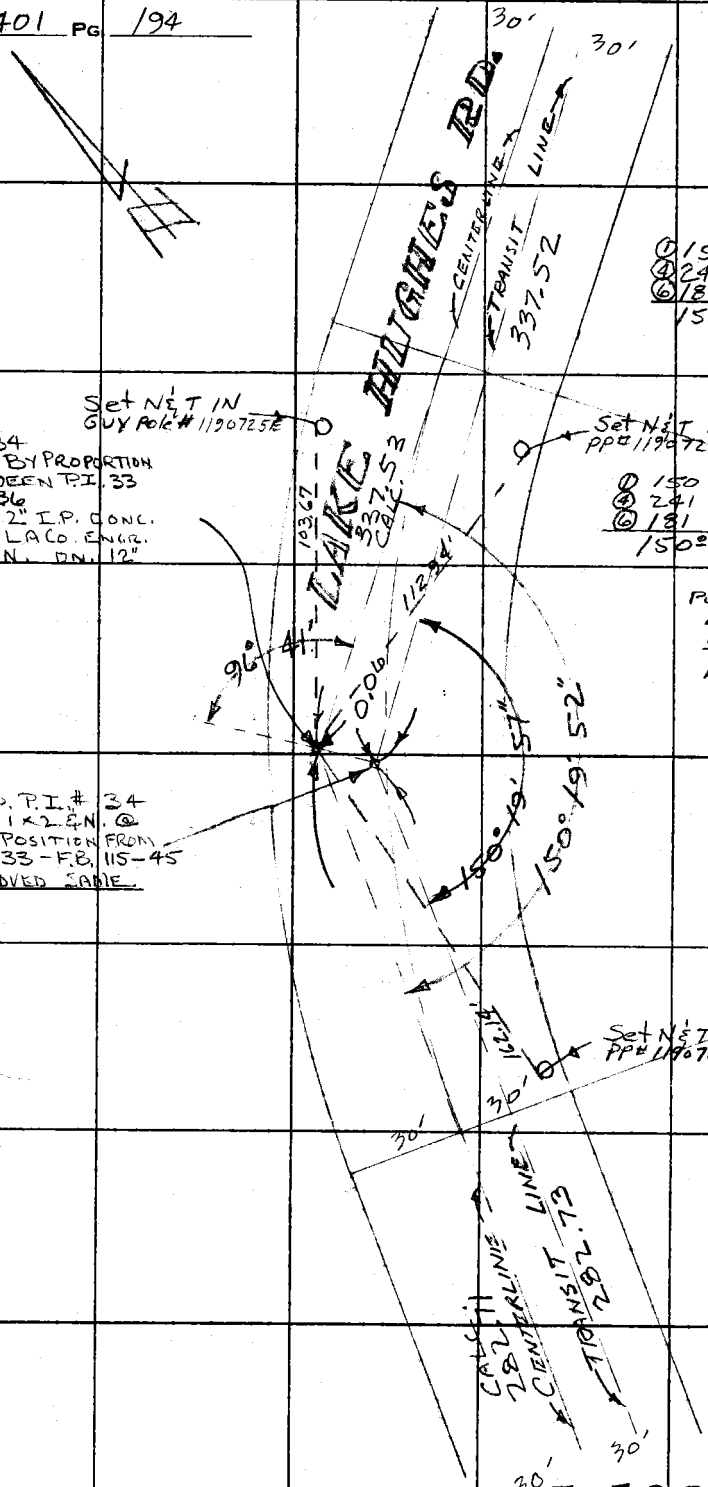
30'

CONT. TOP PG. 194

F3095 CE#310 3-69

CONT BOT. PG. 193

F. B 3401 PG 194



TO TOP PG 196

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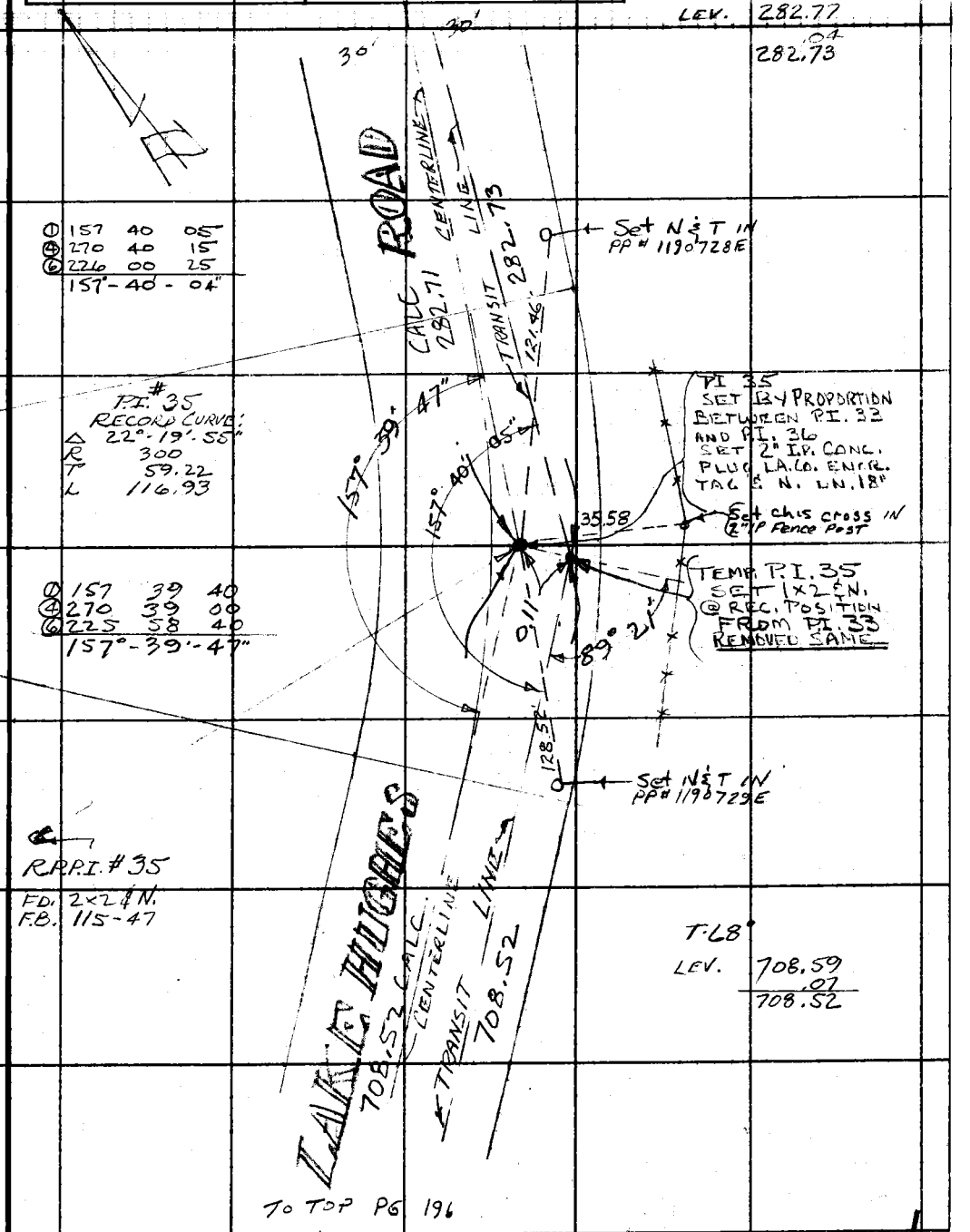
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LAKE HUGHES RD
Map No.	JN 0097.39 Tape 17 Std. 82 °F
Office Work	Surveyed by CLW
Checked	Notes CLW Date Nov 72
Date	Indexed G. D. BAILEY OCT 24 1973

F. B. 3401 PG. 195



TO TOP PG 196

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

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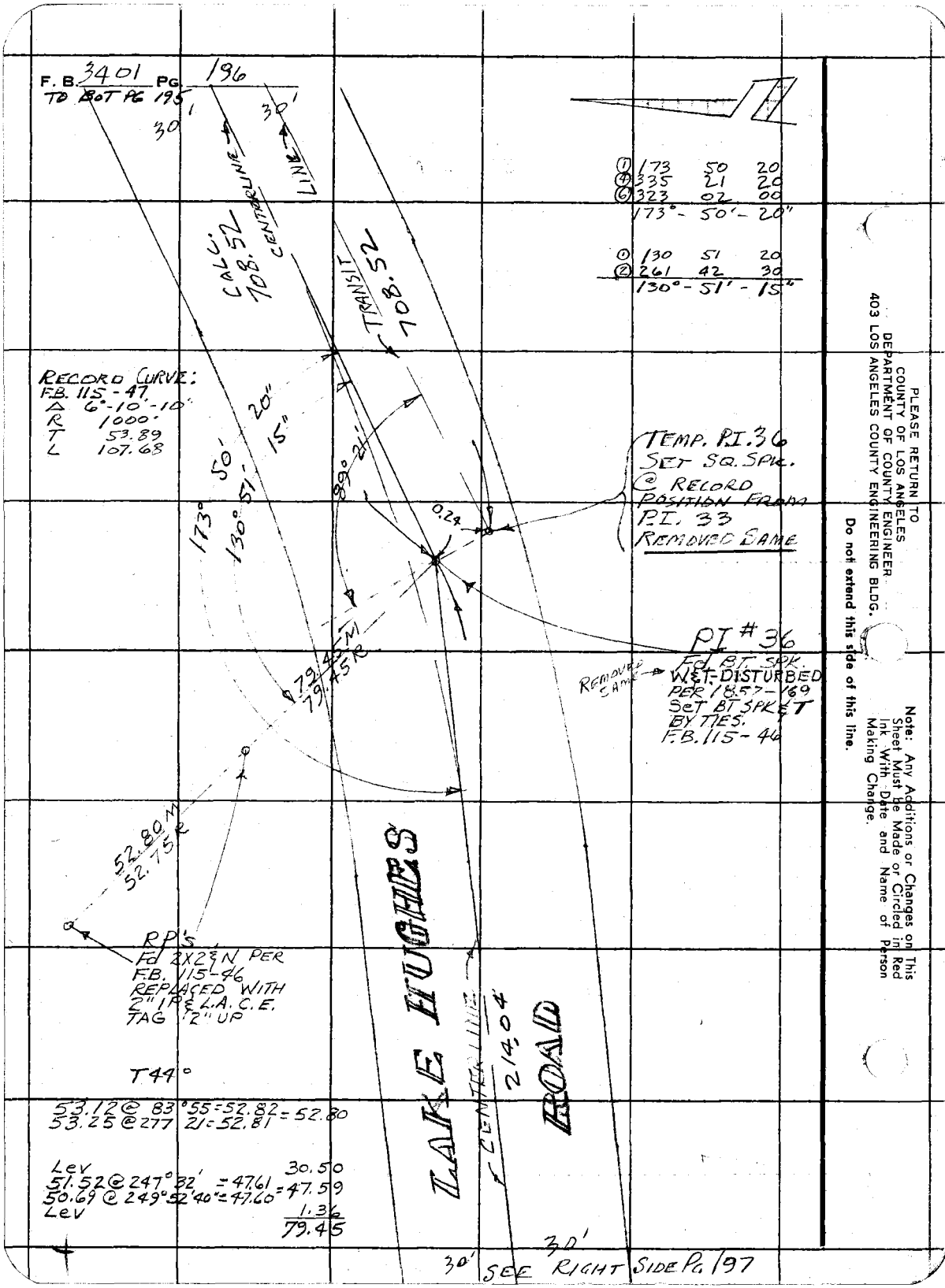
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69



PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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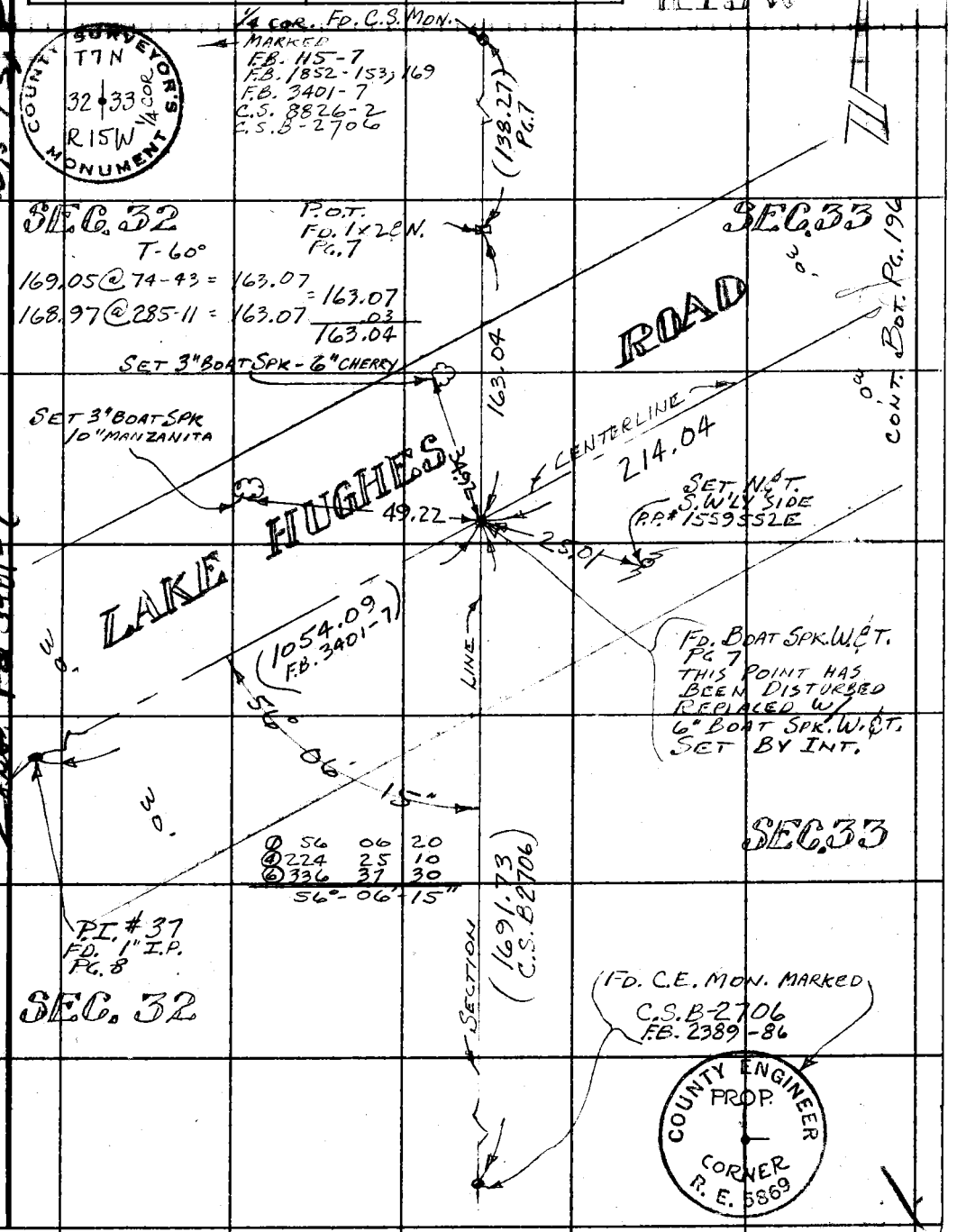
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LAKE HUGHES RD.
Map No.	JN 0097.39 Tape 17 Std. 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date DEC '72
Date	Indexed G. D. BAILEY OCT 24 19[illegible]

F. B. 3401 PG. 197

T7N
R15W



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
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

F. B. 3401 PG 198

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

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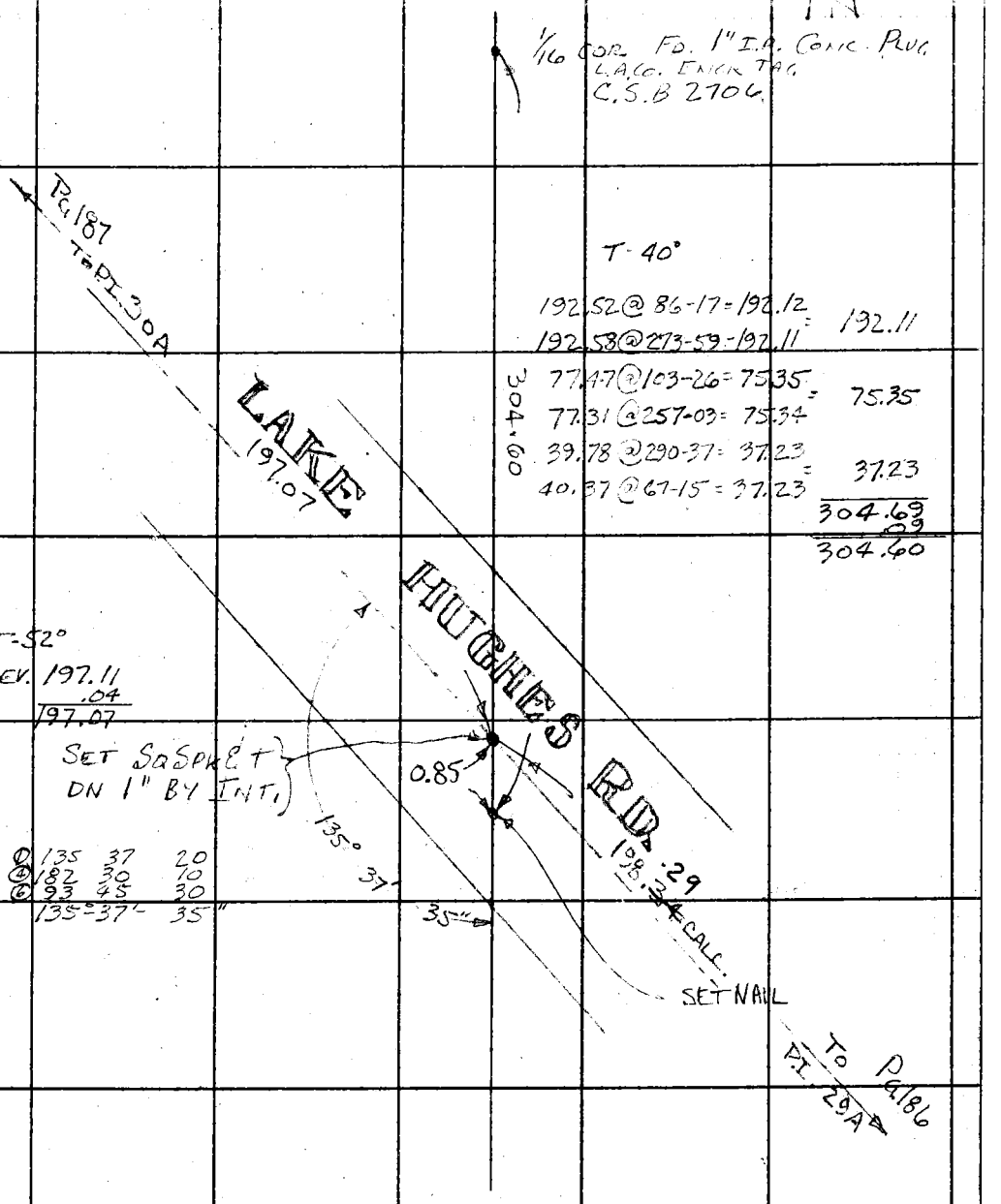
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by M. DOGOKY	Survey of LAKE HUGHES RD.	F. B. 3401 PG. 199
Map No.	JN 0097.39 Tape 17 Std. 84 °F	
Office Work	Surveyed by C.L. WRIGHT	
Checked	Notes C.L.W. Date DEC '72	
Date	Index G.D. BAILEY OCT 24 1973	



① 135 37 20
④ 182 30 10
⑥ 93 45 30
135° 37' 35"

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.

W573, D-5 W5.72, A-5

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3401 PG. 200

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Notes Ck'd by	Survey of Lake Hughes Rd
Map No.	JN 0097.39 Tape 195 Std 94 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 9/26/74
Date	Indexed G. D. BAILEY OCT 11 1974

F. B. 3401 PG. 201

LAKE HUGHES RD.

ZONE #7 TIES

J.N. 0097.39

PARTY: VOGE
VAN NESS
EGSTROM
HILL

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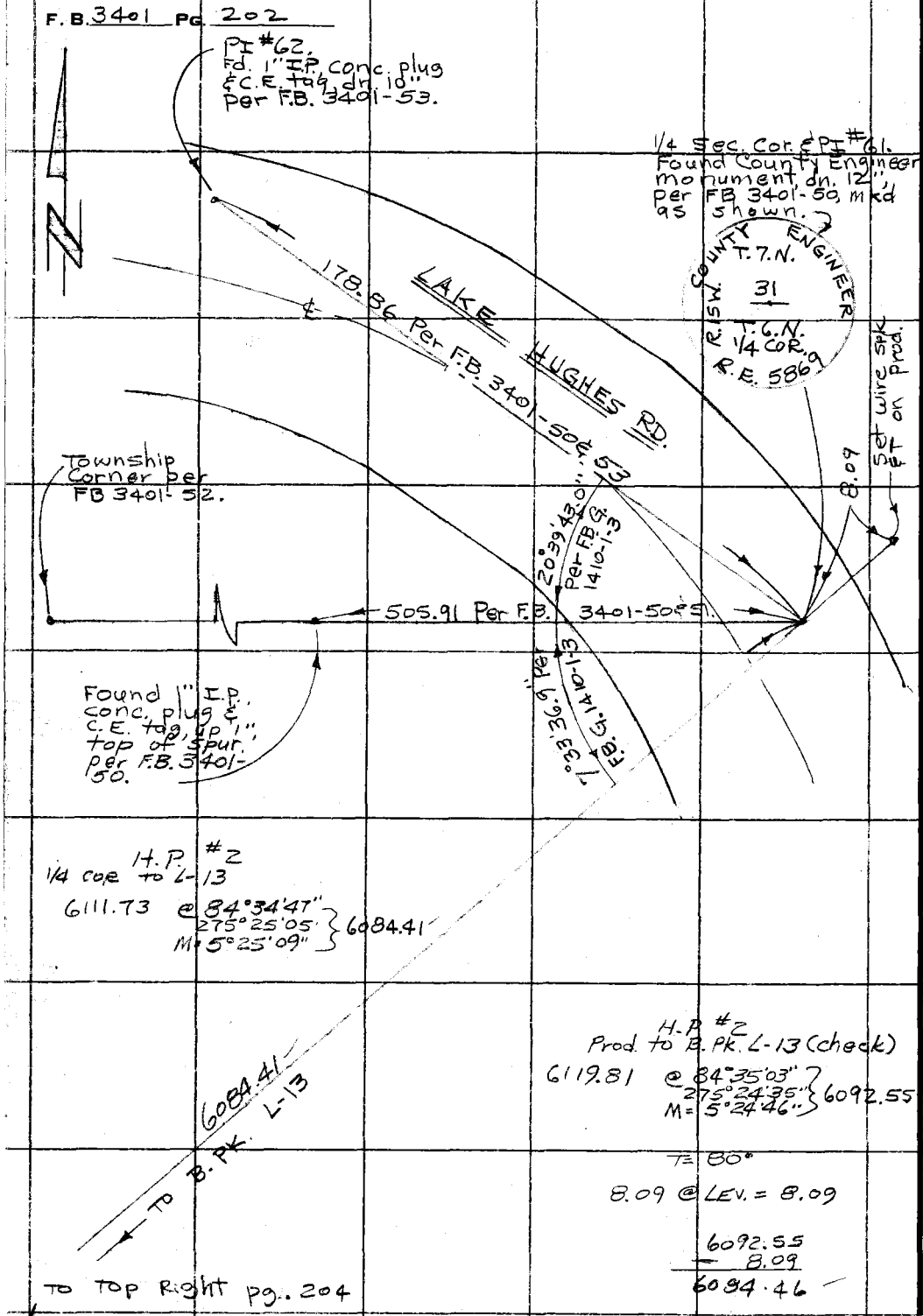
76F3095 CE#310 3-68

F. B. 3401 PG. 202



TO Top Right pg. 204

WS. 73 L-586

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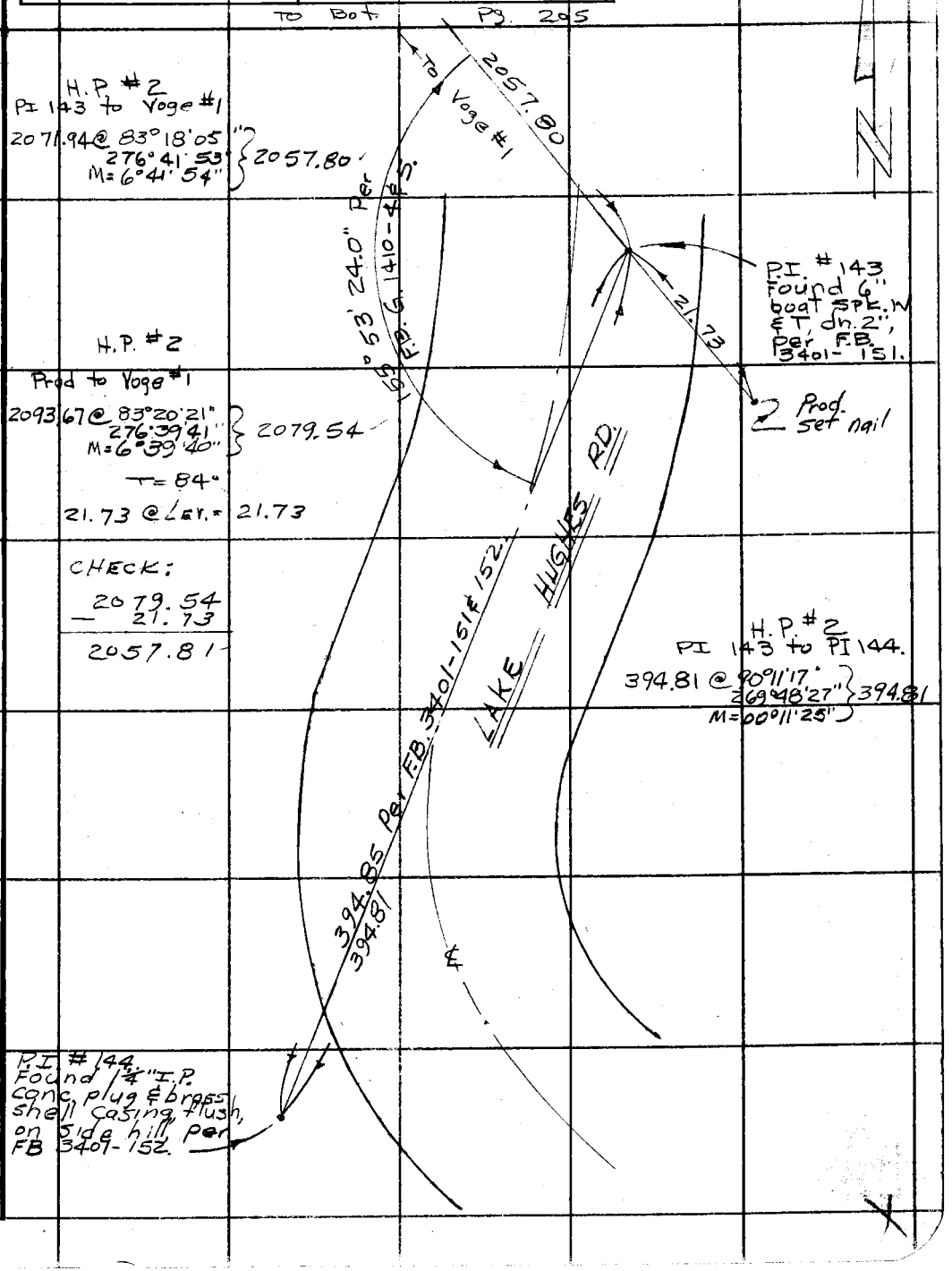
Notes Ck'd by	Survey of Lake Hughes Rd
Map No.	JN 0097.39 Tape 195 Std 84 °F
Office Work	Surveyed by W.J. Voge
Checked	Notes Voge Date 9/27/74
Date	Indexed G. D. BAILEY OCT 11 1974

F. B. 3401 PG. 203



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

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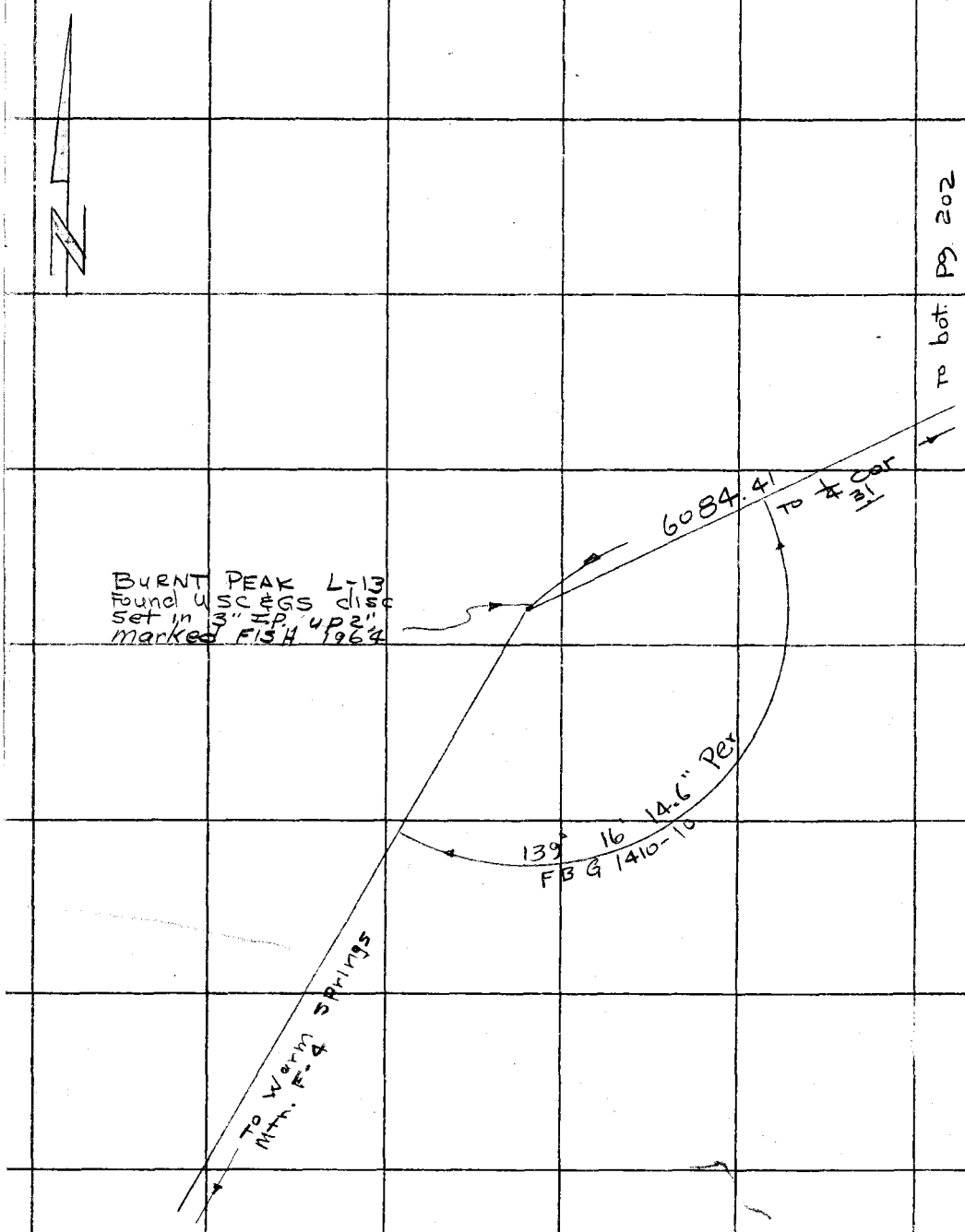
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3401 PG. 204



TO TOP pg. 206

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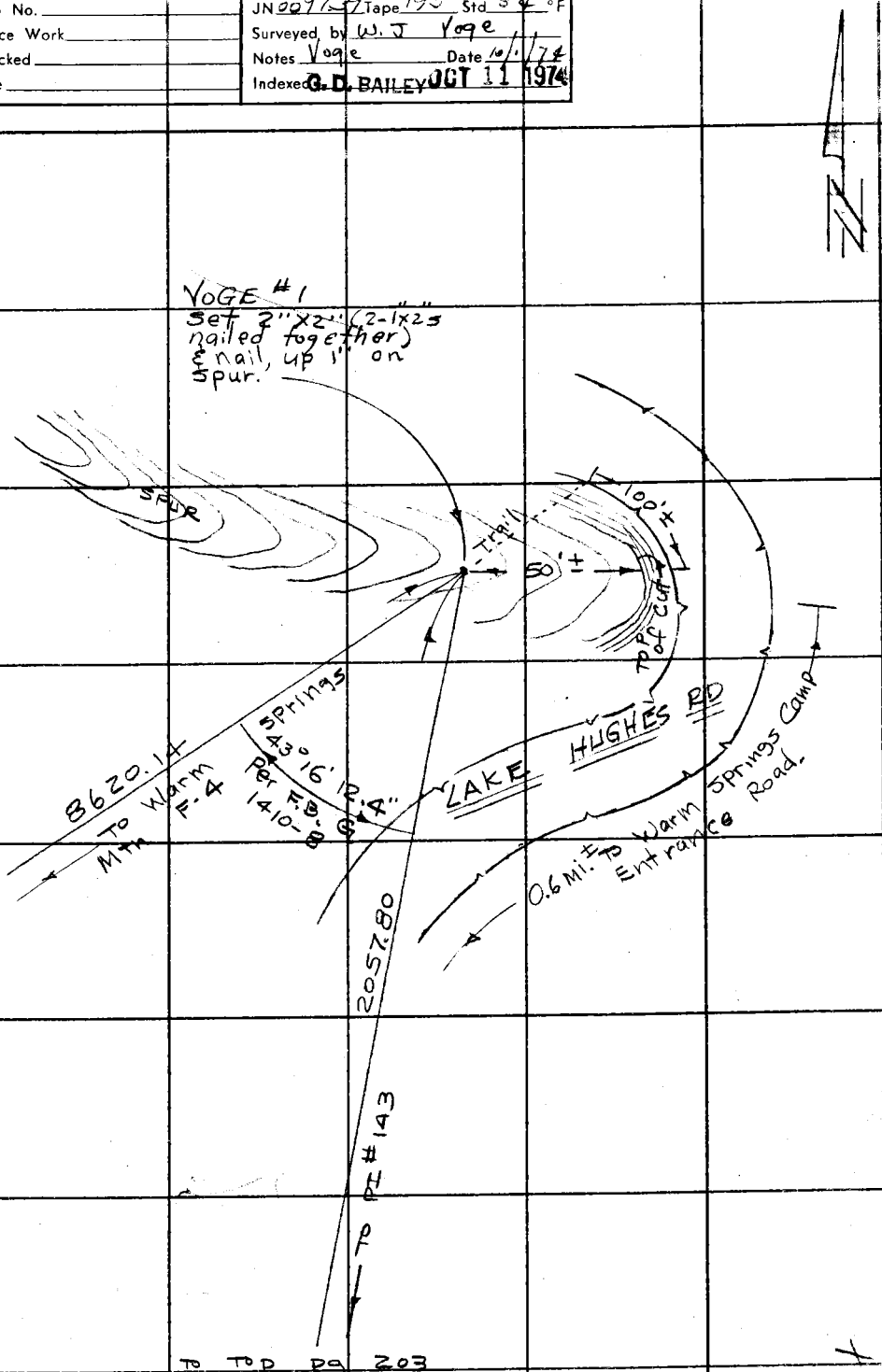
Notes Ck'd by	Survey of Lake Hughes Rd
Map No.	JN 009733 Tape 195 Std 34 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 10/1/74
Date	Indexed G.D. BAILEY OCT 11 1974

F. B. 3401 PG. 205



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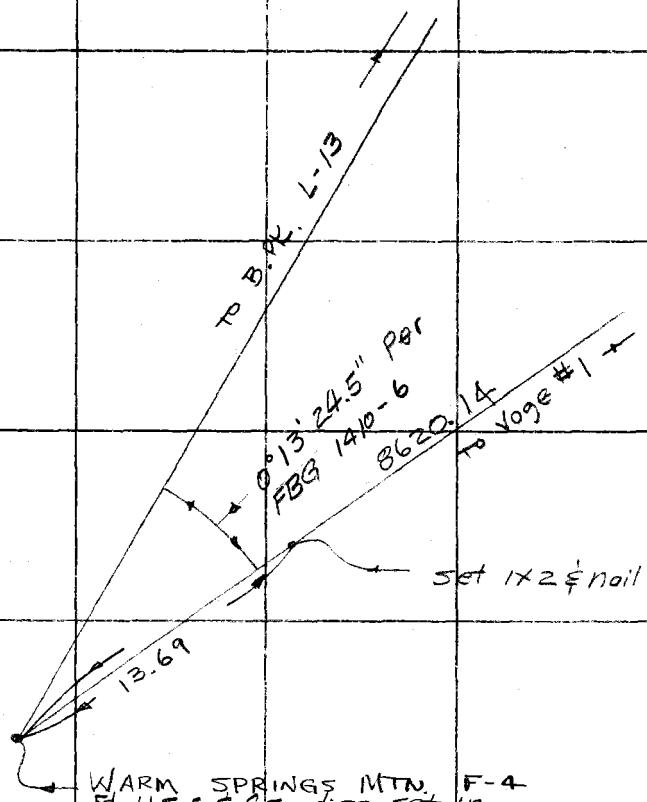
76F309S CE#310 3-68

F. B. 3401 PG. 206

To bot pg. 204

To left pg. 205



F-4 to H.P. #2 Voge #1

8798.22 @ 101°32'25" / 258°26'44" / M = 11°32'50" } 8620.14

1x2 & Nail to Voge

8784.77 @ 101°33'44" / 258°25'59" / M = 11°33'53" } 8606.43

T = 76°

13.69 @ LEV = 13.69

CHECK:

8606.43
+ 13.69
8620.12

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Notes Ck'd by	Survey of LAKE HUGHES RD	F. B. 3401 PG. 207
Map No.	JN 0097.39 Tape 24 Std 84 °F	
Office Work	Surveyed by HUBBARD	
Checked	Notes NEM Date 8-29-77	
Date	Indexed G. D. BAILEY SEP 16 1977	

J.N. 0097.39

LAKE HUGHES RD.
ZONE 7 TIES

PARTY:
HUBBARD
ALBRIGHT
TALBOT
SIDWELL

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F309s CE#310 3-69

F. B. 3401 PG. 208

TO P.O.T. ON LKH. RD.

TO LEFT PG 209

D 10 A
FD. LA. CO. TRI. STA. MON. IN 12" SQ. CONC. POST 6" UP. MKD.

100° 00' 21.3"

LA COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
HUGHES LAKE
D10A
1970
SET BY
RE 58 69
FOR INFORMATION SEE COUNTY ENGINEER

I 00° 01' 38
180 01 47 42
100 02 03 06 24
280 02 03

II 225 02 21 18
45 02 16
325 02 37 38 20
145 02 39

III 90 05 28 27
270 05 26
190 05 50
10 05 41 46 19

IV 315 07 17
135 07 17
55 07 37
235 07 41
M=100 00 21.3

TO E13A LKH

TO TOP PG 210

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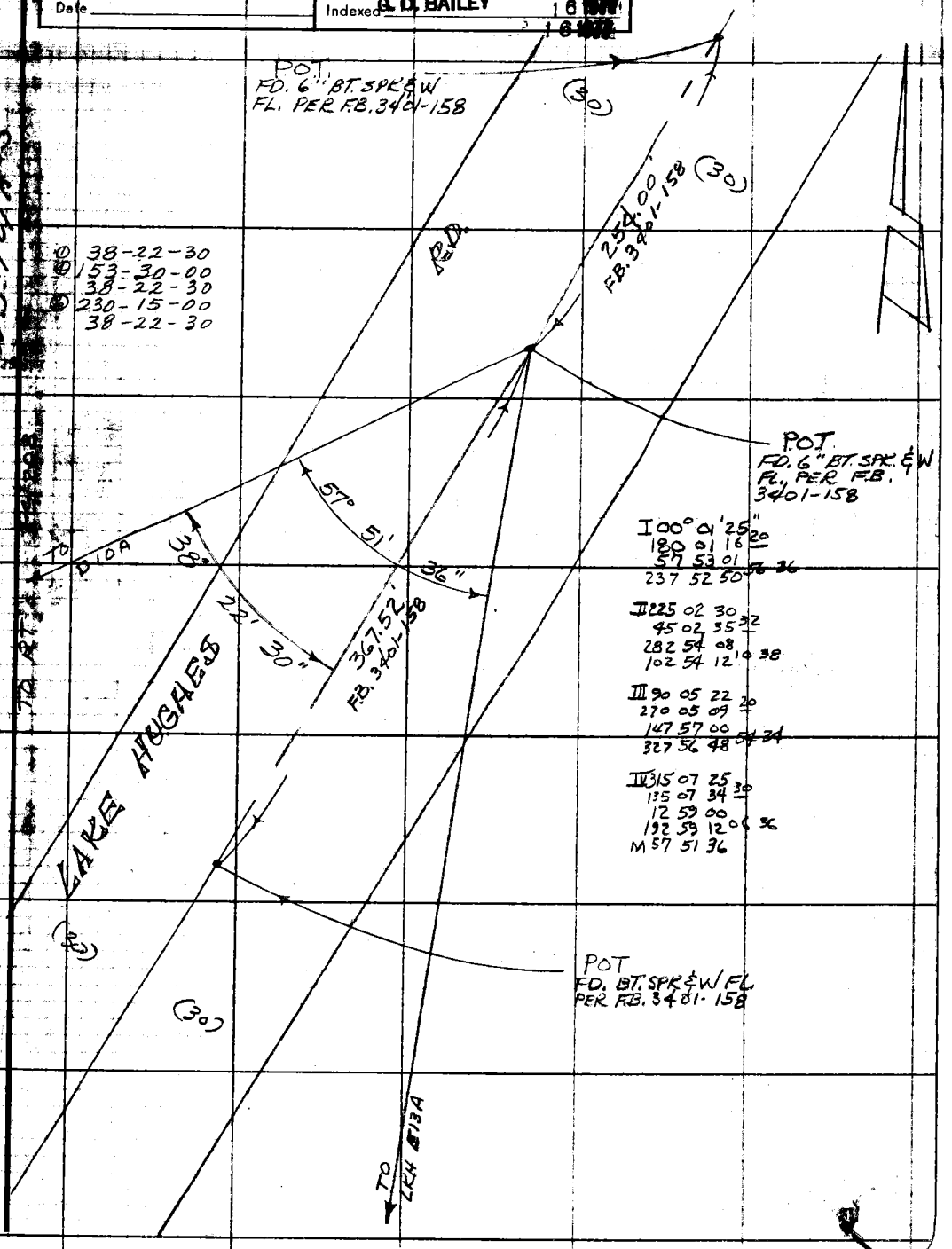
Notes Ck'd by	Survey of LAKE HUGHES RD	F. B. 3401 PG. 209
Map No.	JN 0097.39 Tape 24 Std 24 °F	
Office Work	Surveyed by Hubbard	
Checked	Notes HCN Date 8-77	
Date	Indexed G. D. BAILEY 16 [illegible]	



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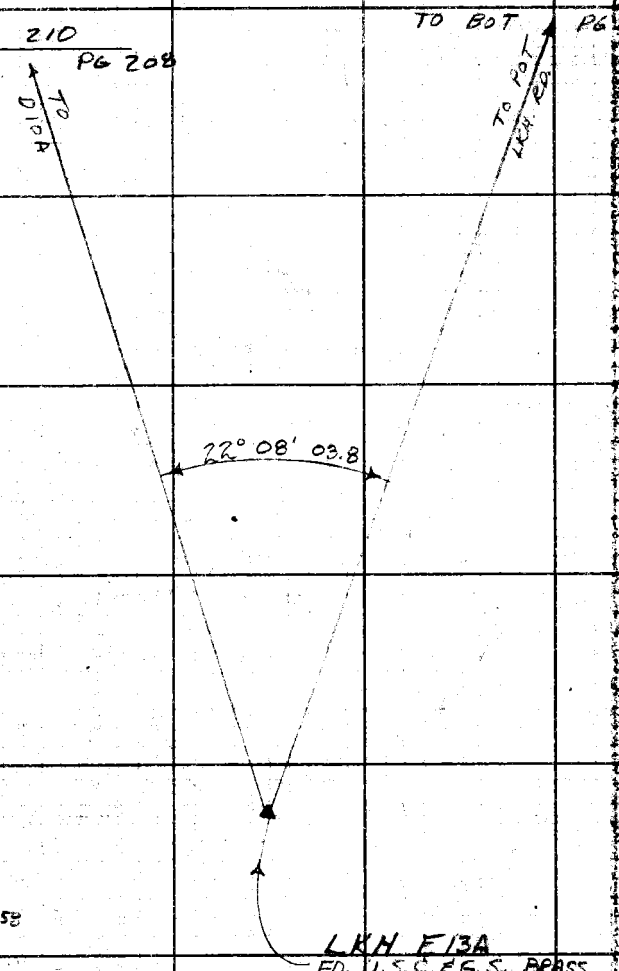
309S CE#310 3-69

F. B. 3401 PG. 210
TO BOT PG 208



I 00° 01' 30 32
180 01 35
22 09 31 30 58
202 09 30

II 225 02 39 44
45 02 49
247 10 44 51 07
67 10 58

III 90 05 32 32
270 05 31
112 13 40 38 06
292 13 35

IV 315 07 33 34
135 07 34
337 15 38 38 04
157 15 38
M: 22 08 03.8

U.S. COAST & GEODETIC ... STATION
FOR INFORMATION WRITE TO THE DIR...
PLUS
1964