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Survey Public Counter

Alhambra, CA 91803

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FB.1301-2

B.P.&L.-F.B.325

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Sta A - Sta B. Line

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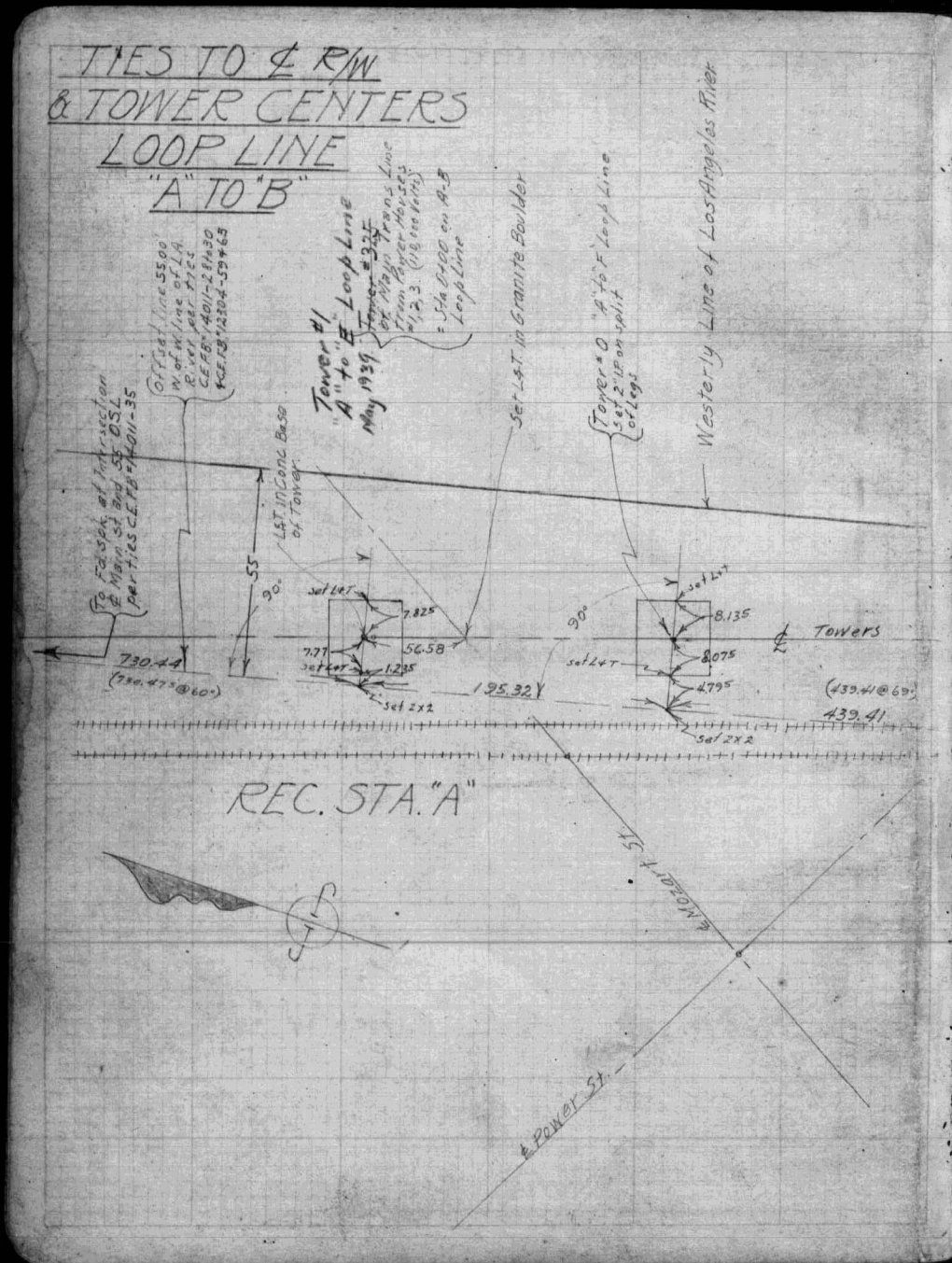
B.P.&L.-F.B.325

TIES TO ℄ R/W & TOWER CENTERS LOOP LINE "A" TO "B"

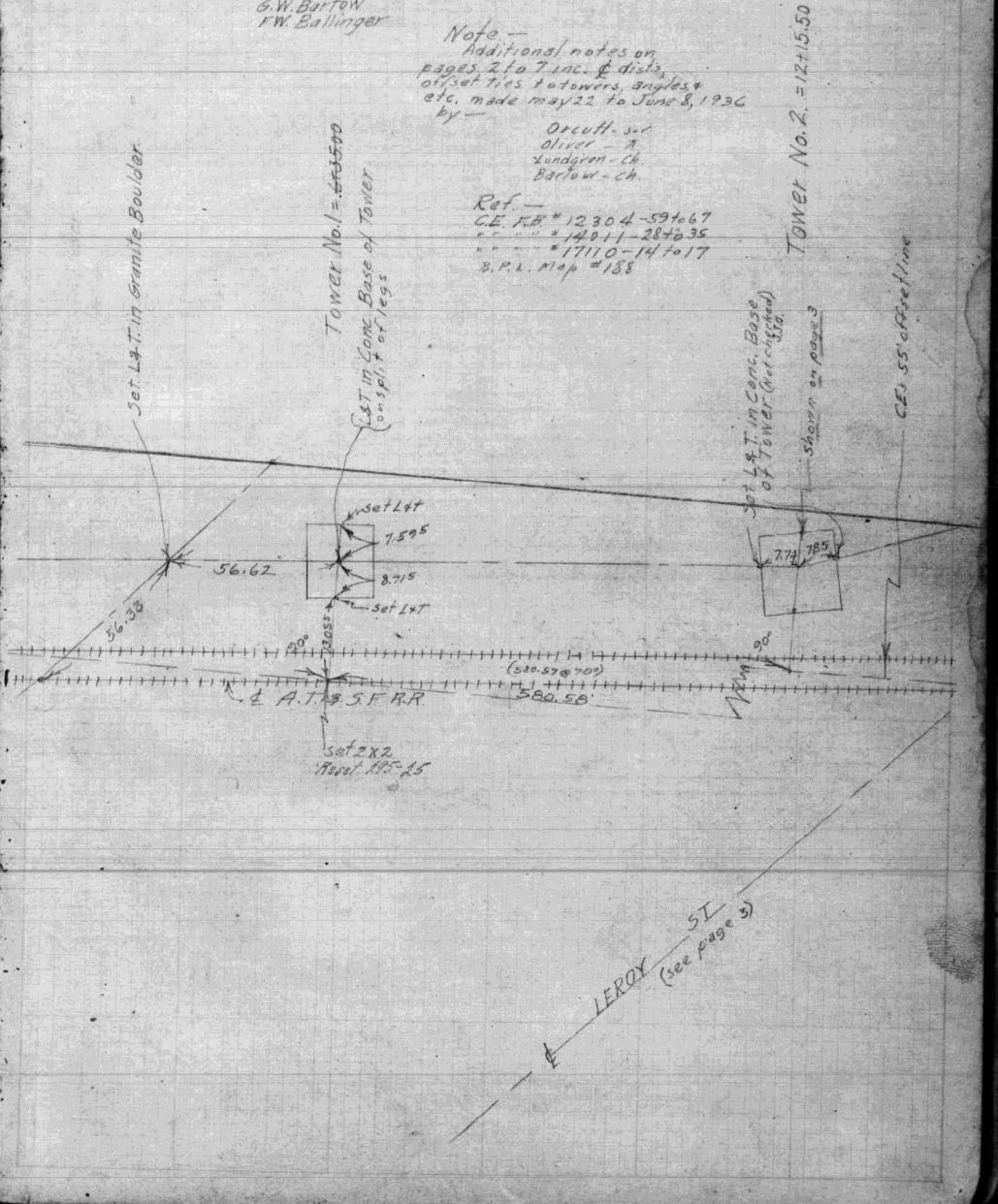


July 3, 1928.
Party L.G. Multhauf
O.B. Field
G.W. Barlow
F.W. Ballinger

2

Note —
Additional notes on pages 2 to 7 inc. ℄ dists., offset ties to towers, angles & etc. made may 22 to June 8, 1936 by —
Orcutt - sur
Oliver - A
Lundgren - Ch
Barlow - Ch

Ref. —
C.E. F.B. # 12304 - 59 to 67
" " " # 14011 - 28 to 35
" " " # 17110 - 14 to 17
B.P.L. Map # 188



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FB.1301-6

B.P.&L.-F.B.325

July 1928
L.G. Monthaut
& Party.

June 1936
J.J. Orcutt
& Party

To ℄ Mozart St. per Ties CE FB# 12304-64

49° 33' 33" NE
(49° 33' 35" CE)

Fd. 2X2 per ties CE FB# 12304-59

℄ E.A.T.& S.F.R.R.

Fd. 2X2 per ties CE FB# 14011-30

L&T in Bridge abutment set by City Engr.

Set N&T.

Towers

Fd. 5+T Reset F.N. 195-13

P.I. on CE 3 55' 04" Fd 2" I.P. 0.01 S+ 0.02" W. per ties CE FB 14011-30

153° 58' 00" (153° 58' 00" CE)

Offset line 23.00 W. of W. line of L.A. River per ties CE FB# 14011-30+32

23.00'

150.00

Set nail in RR tie

L&T in Conc. Base of Tower # 3

Shown on page 4

See 295-24

Westerly Line of Los Angeles River

150.00

L&T in Conc. Base of Tower #2 (Not checked 330)
Map Sta 12+15.50

Tower No 2 Map Sta 12+15.50
Constructed Ctr of Tow
3.00 W'ly of ℄ AP

See 295-23

154.51 -5°-11' 153.88

℄ Los Angeles River

Easterly Line of Los Angeles River

℄ Alhambra Ave.
S.P.R.R.

Fd. 3/4" on 20' o.s.l. per ties CE FB# 14011-30

Tower No. 3 Map Sta 18+93.66

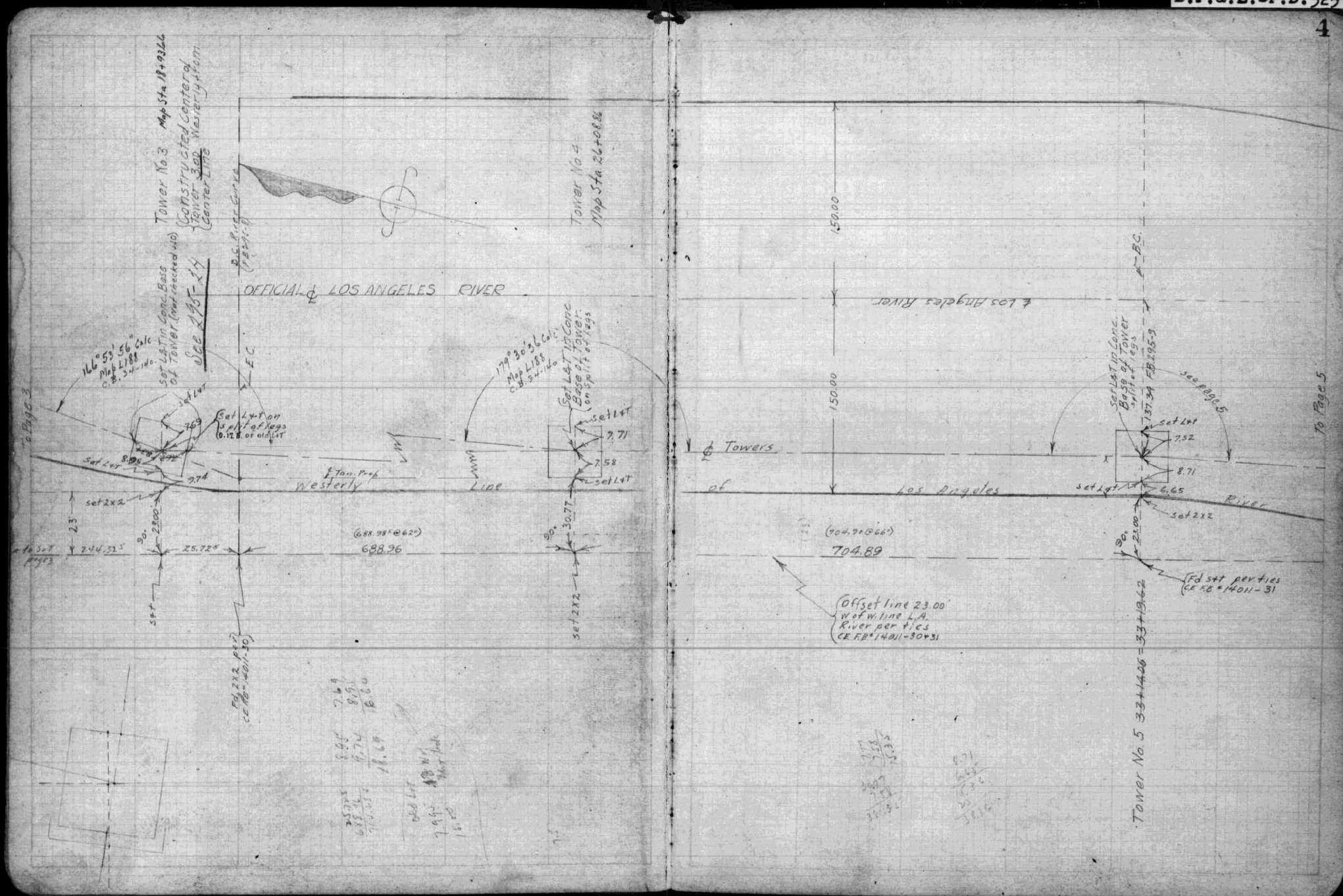
150.00

FB.1301-7

FB.1301-8

B.P.&L.-F.B.325

4



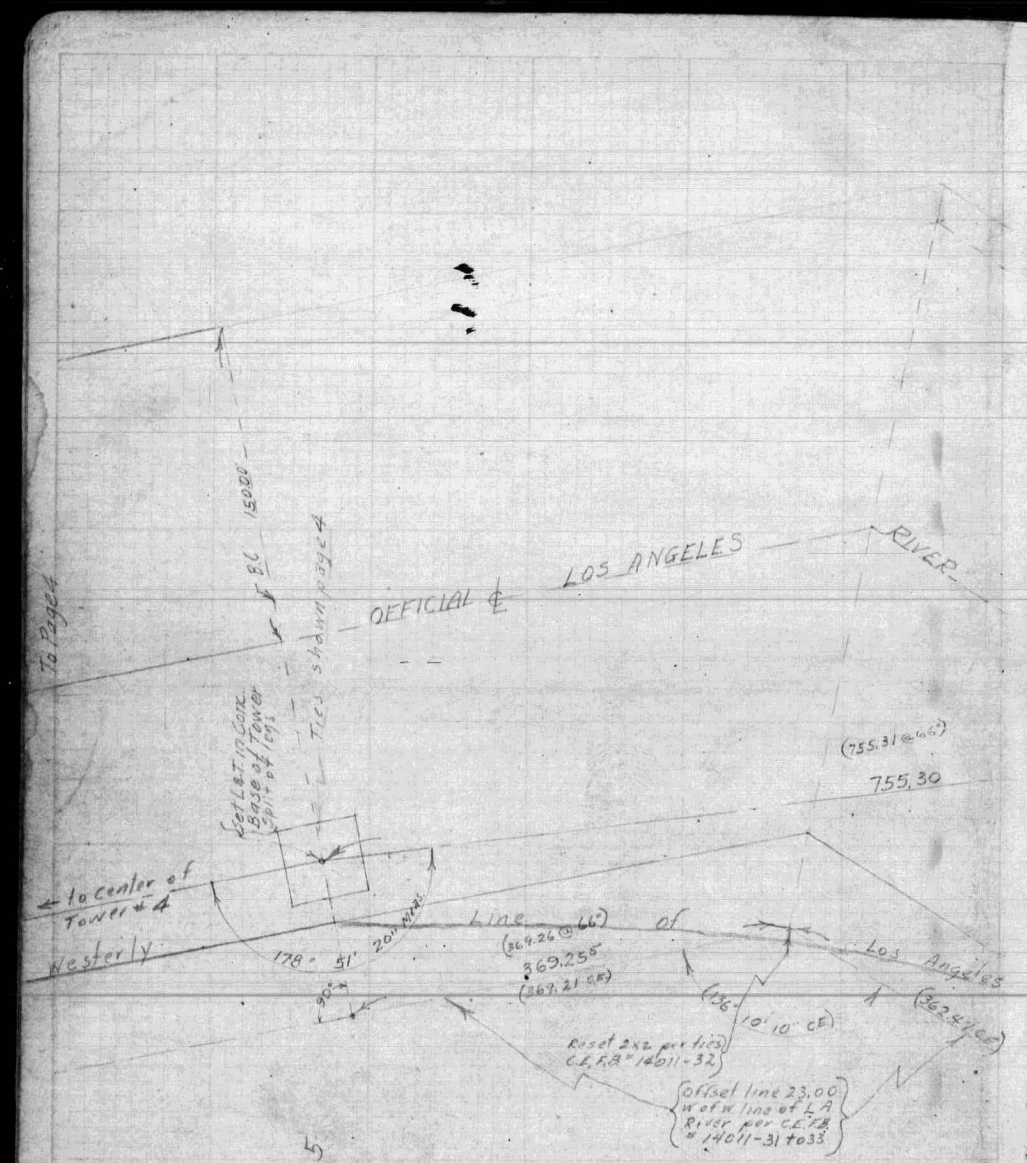
FB.1301-9

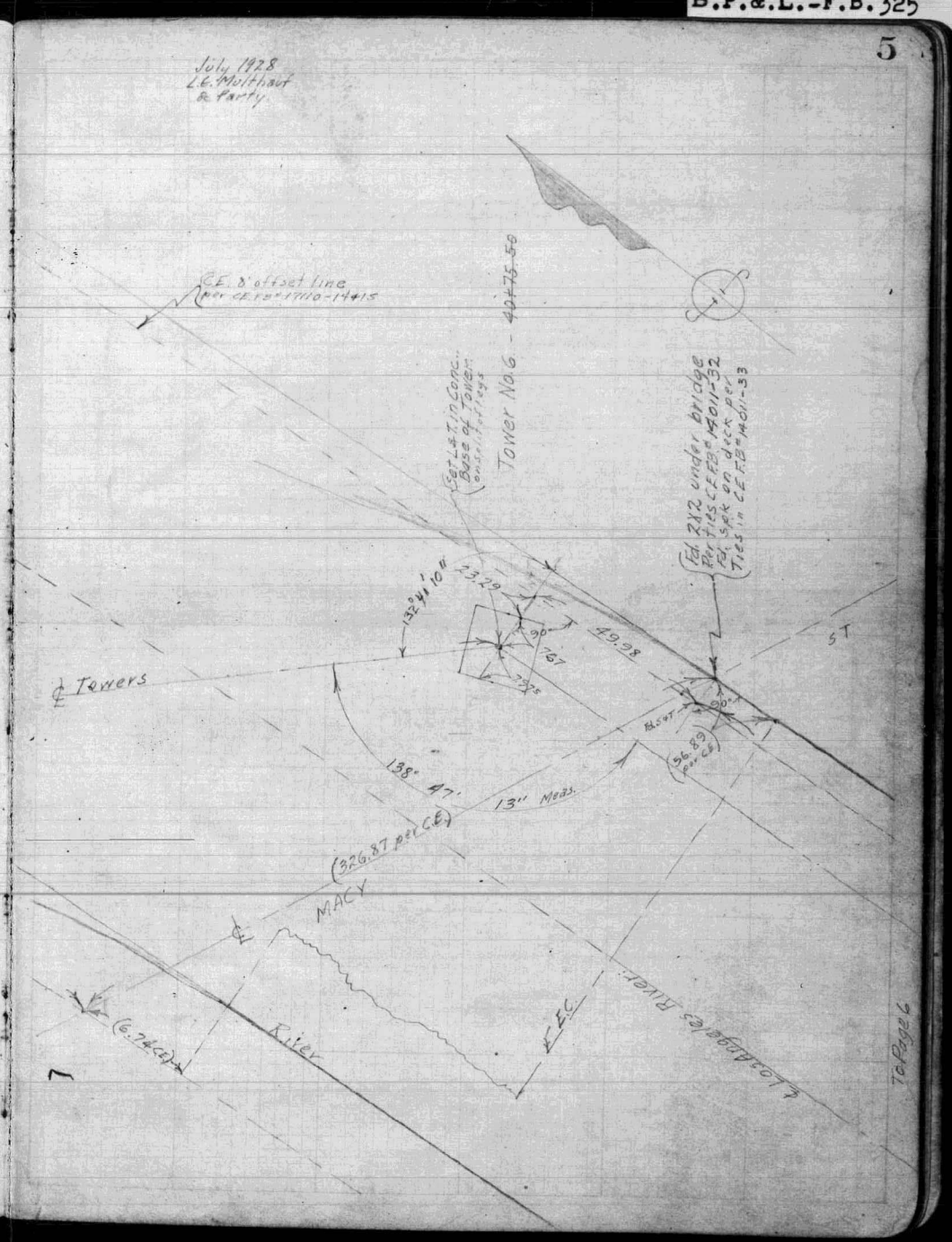
FB.1301-10

B.P.&L.-F.B.325

5

July 1928
L.E. Molthaut
& Party





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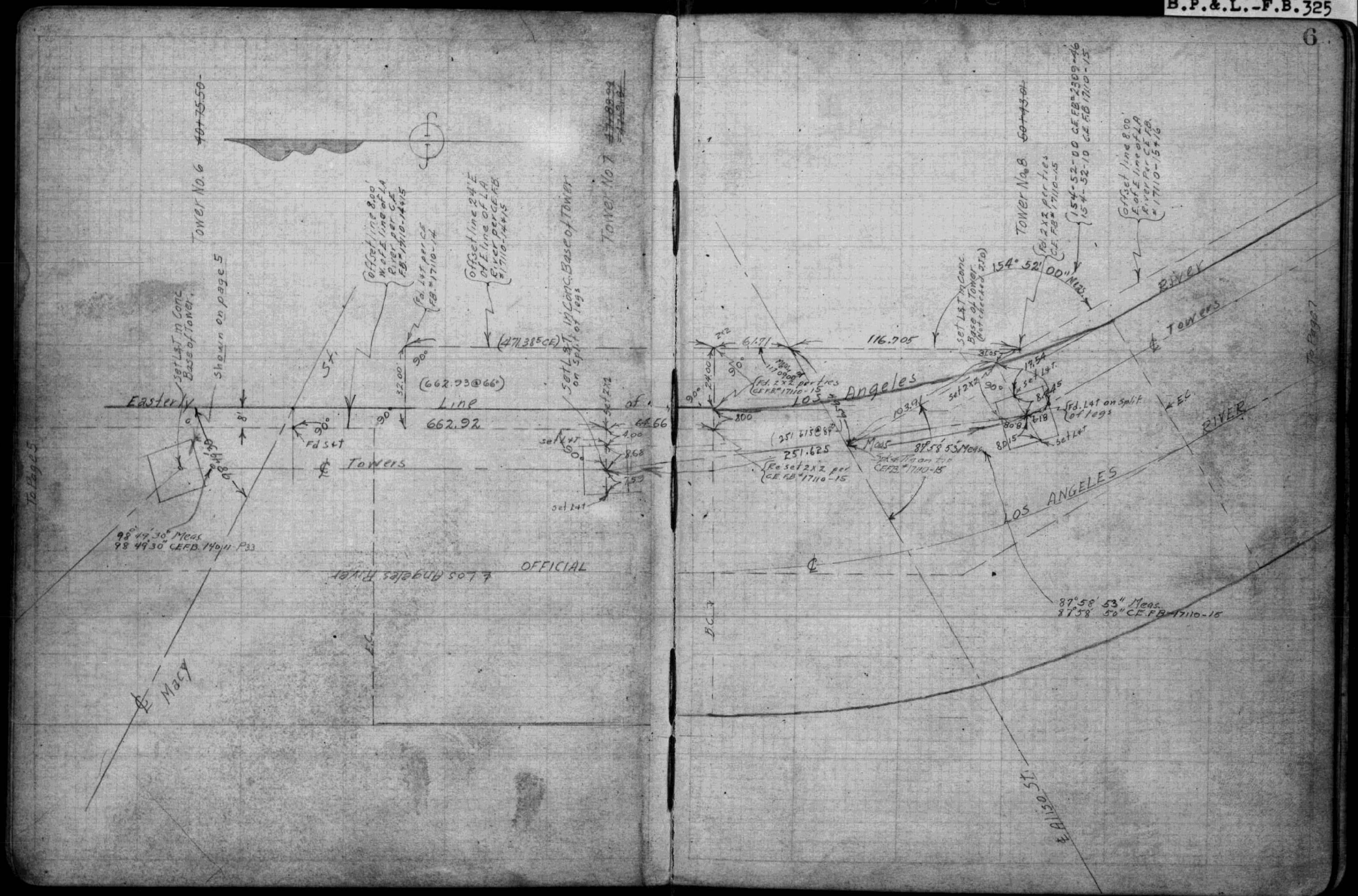
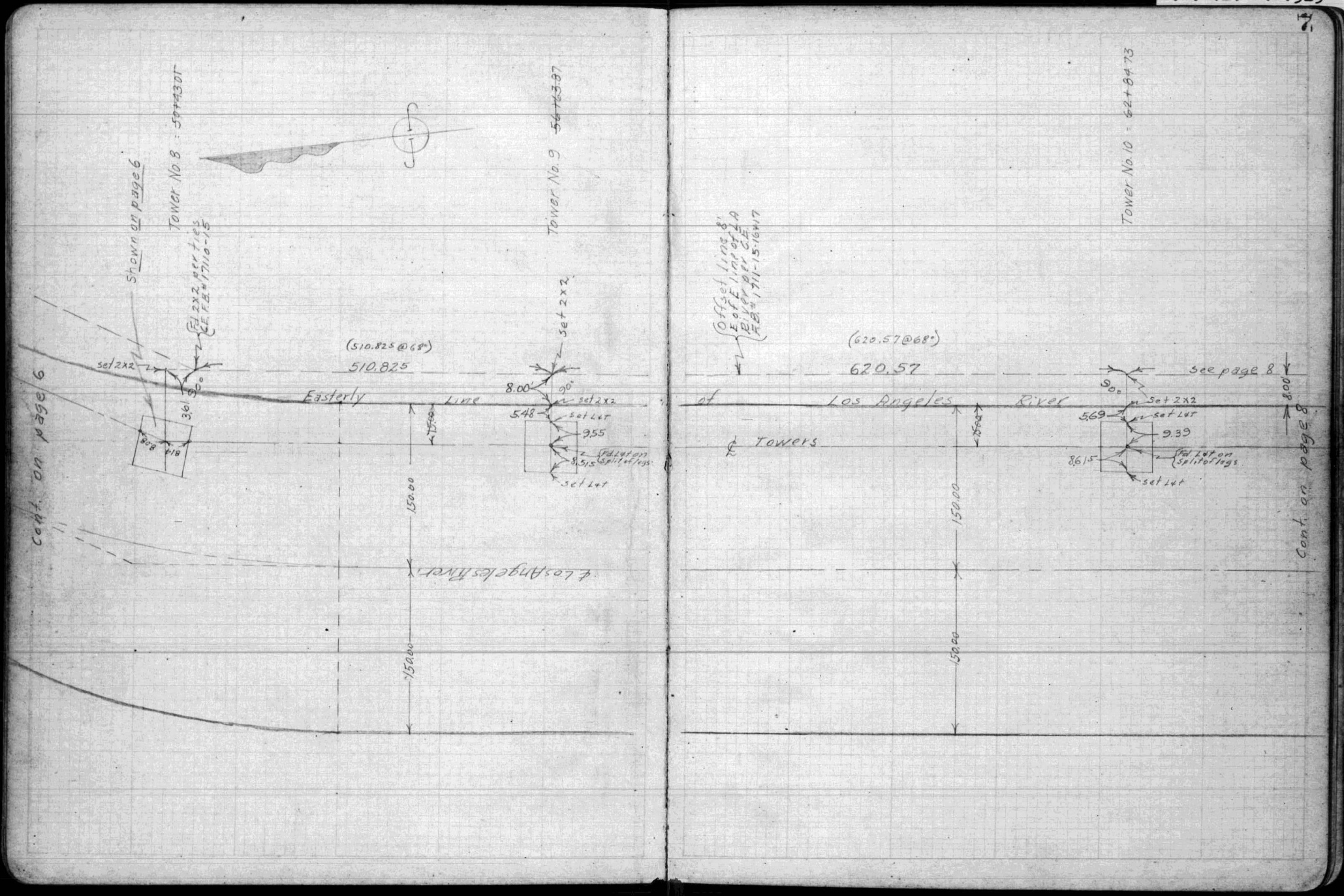
6



FB.1301-13

FB.1301-14

B.P.&.L.-F.B.325



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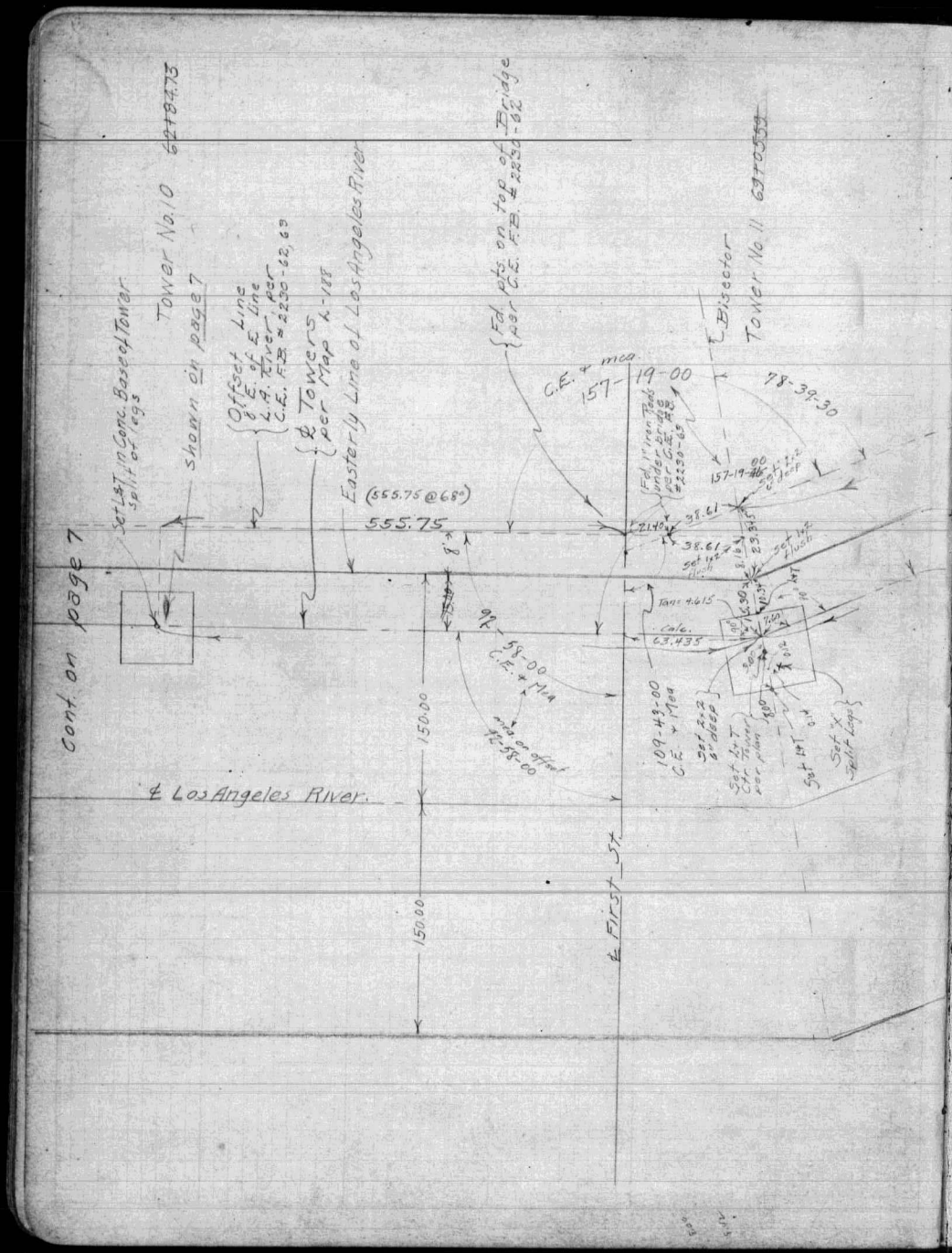
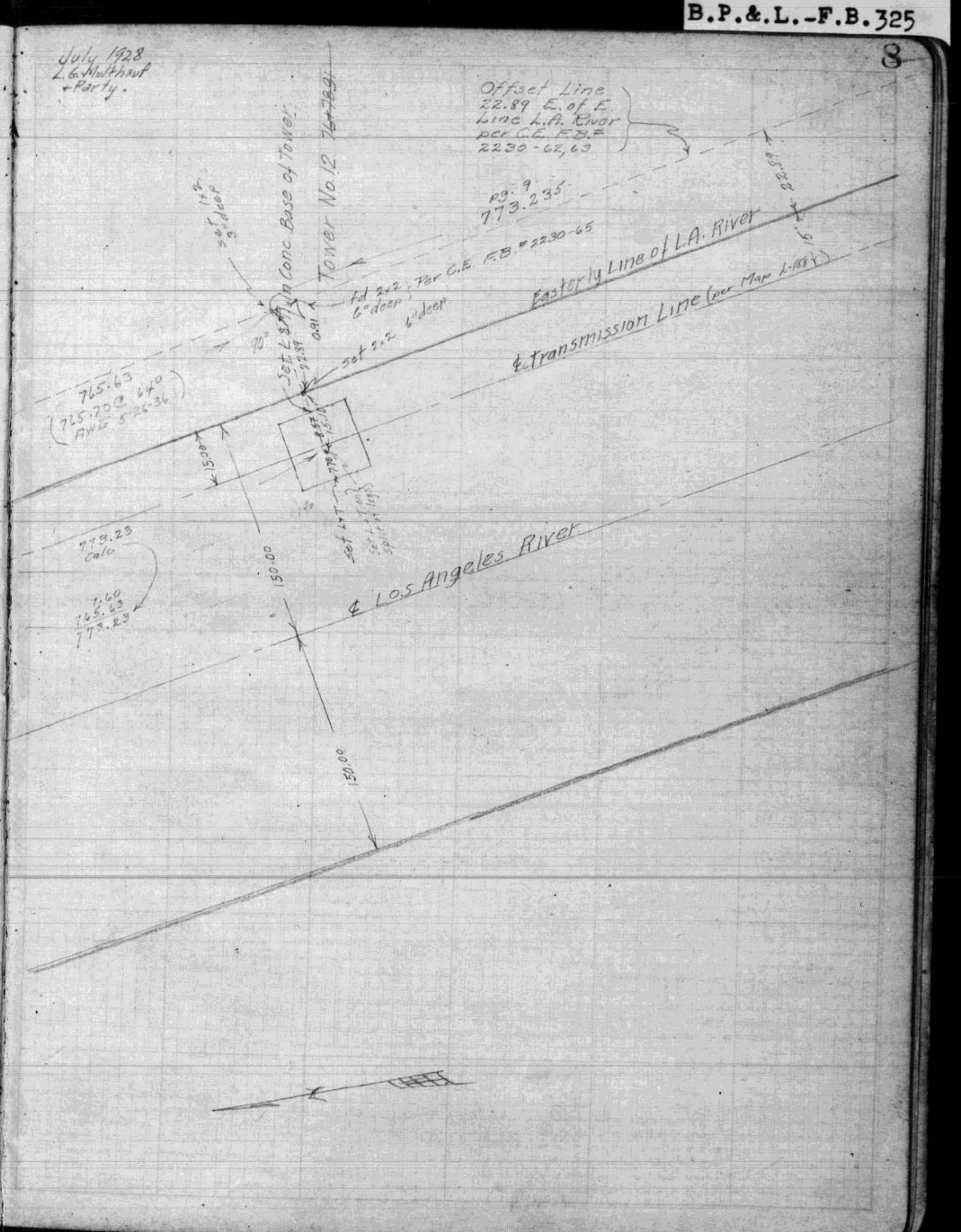
FB.1301-16

B.P.&L.-F.B.325





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FB.1301-18

B.P.&L.-F.B.325

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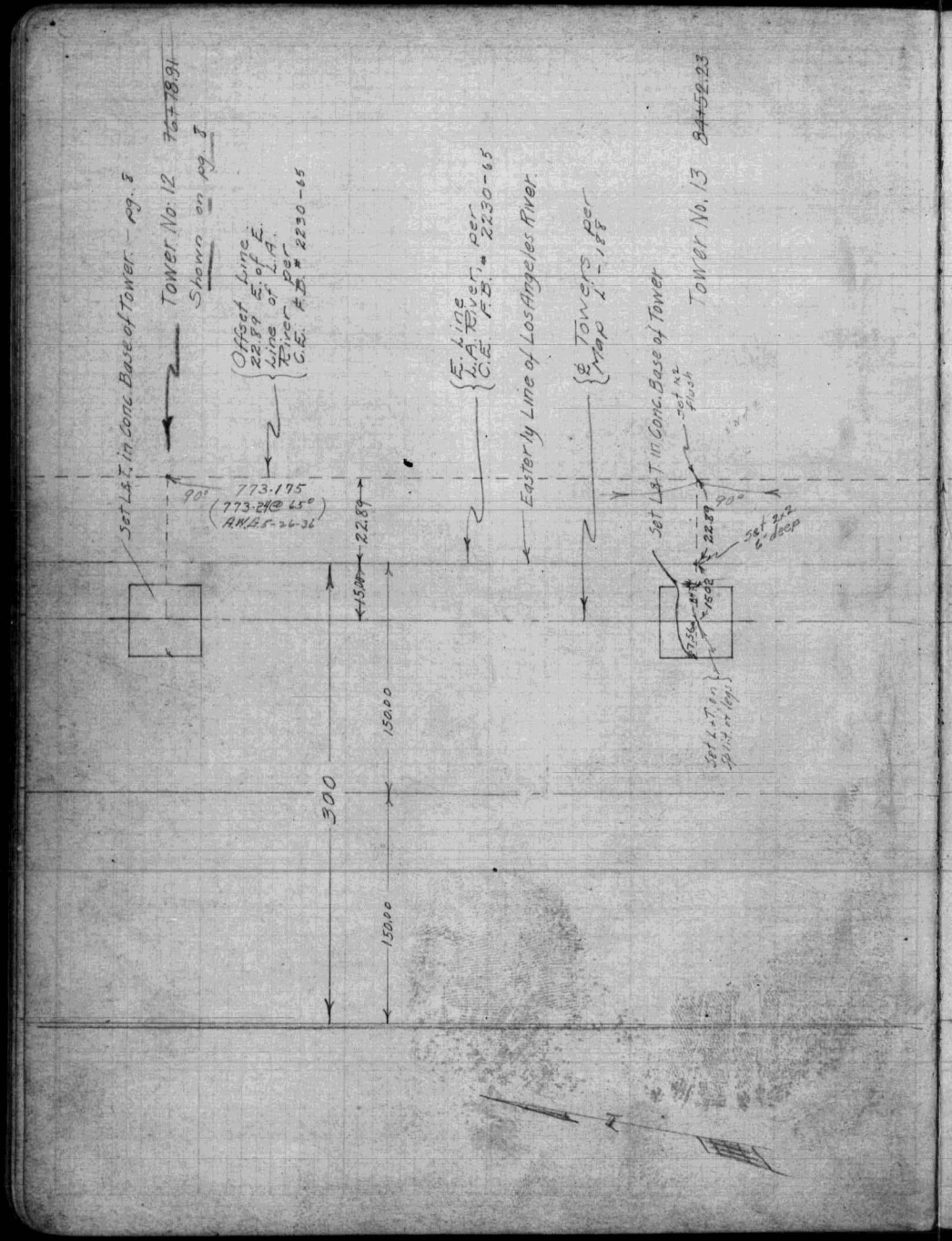
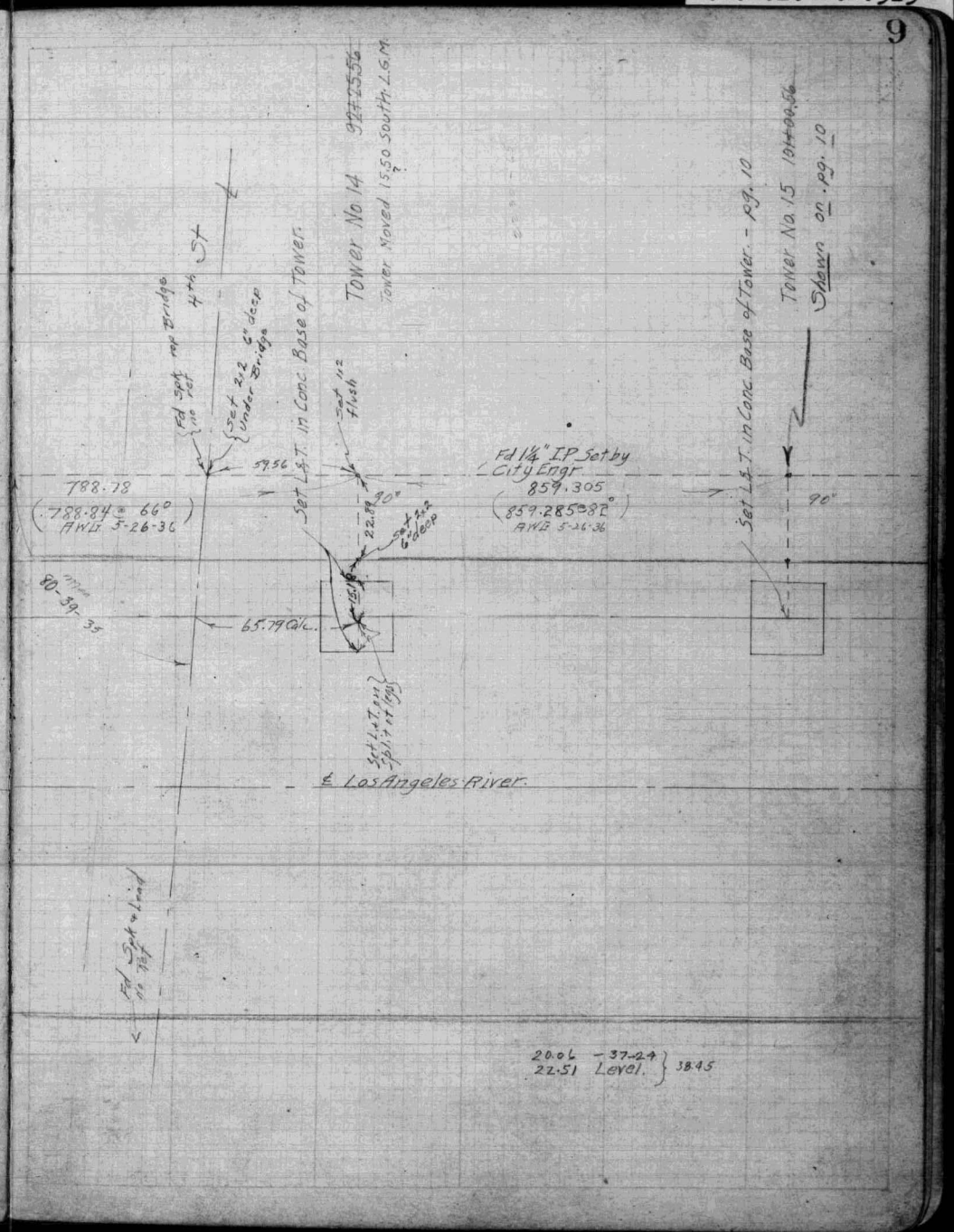




FB.1301-19

FB.1301-20

B.P.&.L.-F.B.325

10

Party L.G. Multhauf
O.B. Field
G.W. Bartow
F.W. Ballinger

To Page 9

Set L & T. in Conc. Base of Tower

Tower No. 15 1077+00.56

Set Nail Flush

22.89 90°

Set 6" deep

22.89

Set L & T. in Concrete Hub stacked 0.47' Found Bolt 1.63' N of line under bridge Found Spike Lead on top of bridge

Offset Line 22.89 E. of C.L. Line L.A. River per C.E. F.B. = 2230-66.70

East Line L.A. River per C.E. F.B. = 2230-66.70

874.925

874.91 RR83 RWB 5-26-36

(E. Towers Per Map L-188

Set L & T. in Conc. Base of Tower

Set Nail Flush

Tower No. 16 1091+56.56

22.89 90°

Set 6" deep

Set L & T. on Split of Pipes

6th St. Water Main

℄ Los Angeles River

Set L & T. on Split of Pipes

℄ Seventh St

Fd. at Top Bridge per C.E. F.B. = 2230-70

Fd. at Top Under Bridge per C.E. F.B. = 2230-66

70.54

90°

Pg 11

874.815

874.79 RR83 RWB 5-26-36

22.89

78° 45' 00" C.E. Mea

1.50

78.075 Calc.

150.00

135

150.00

Set L & T. in Conc. Base of Tower

Tower No. 17 1481+50.56

Shown on Pg. 11

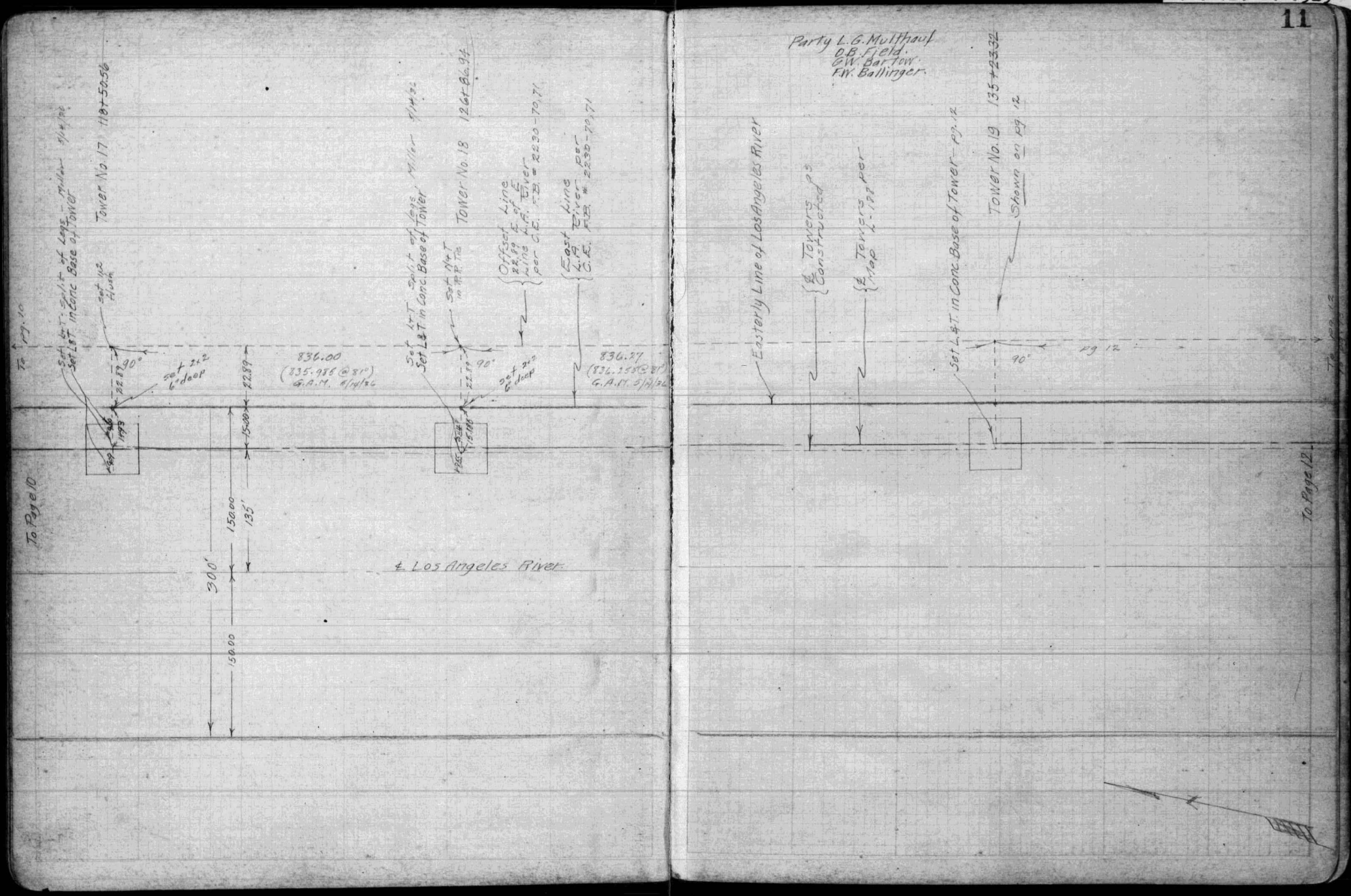
To Page 11

FB.1301-21

FB.1301-22

B.P.&L.-F.B.325

11



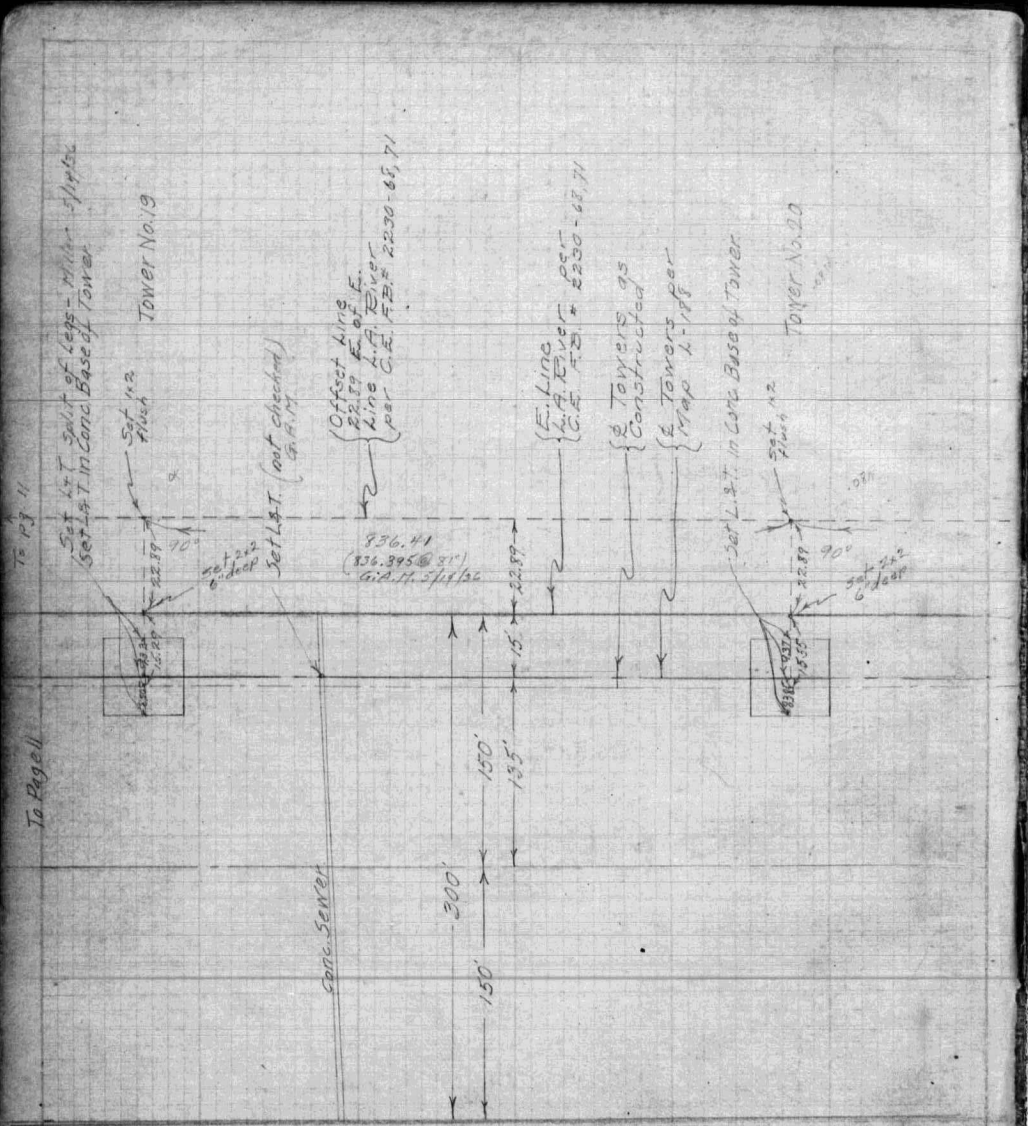
FB.1301-23

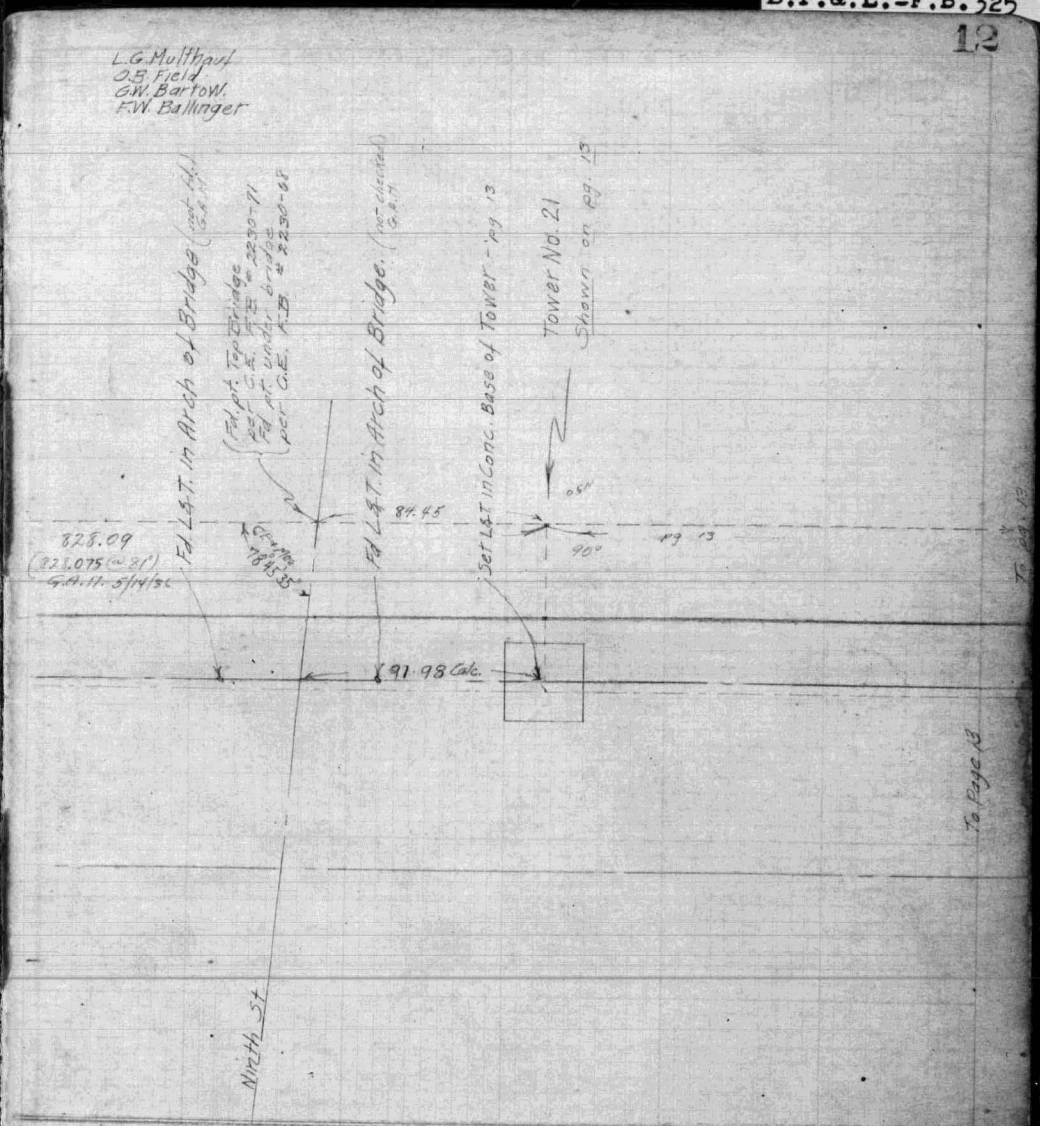
FB.1301-24

B.P.&L.-F.B.325

12

L.G. Multhaup
O.B. Field
G.W. Bartow
F.W. Ballinger





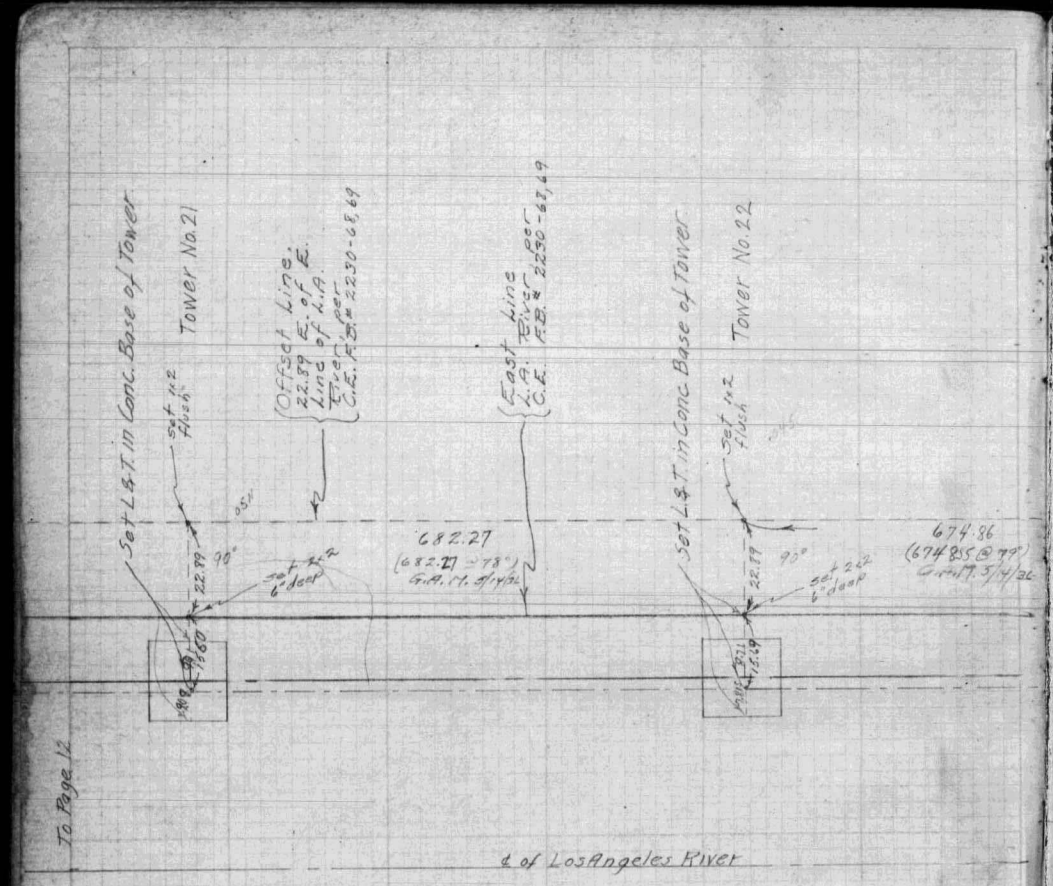
FB.1301-25

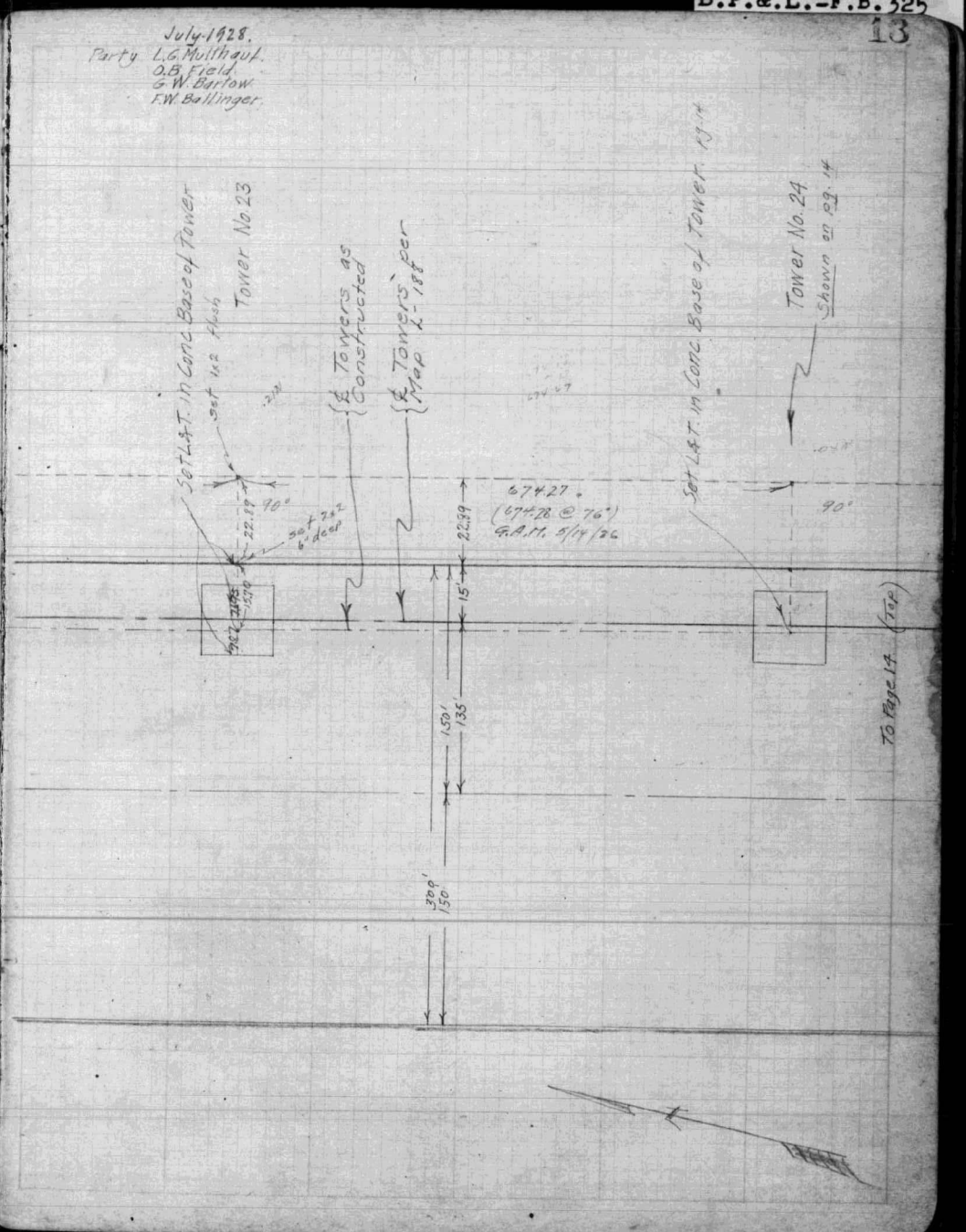
FB.1301-26

B.P.&L.-F.B.325

13

July 1928.
Party L.G. Multhauf.
O.B. Field.
G.W. Barlow.
F.W. Ballinger.





FB.1301-27

FB.1301-28

B.P.&.L.-F.B.325

14

To Page 13 (Right Side)

July 1928.
L.G. Multhauf.
O.B. Field
G.W. Bartow
F.W. Bullinger

Set L&T in Conc Base of Tower. (Fd. G.A.M. 5/11/36

22.89 — Set 1x2 Flush

90°

Tower No. 24
172+19.26

Set 2x2 6" deep

Offset Line 22.89 E. of E. line of L.A. River, per C.E. FB# 1292A-49 + FB# 2230-68

300'
135'
150'
15'
72.89
37.89

East Line L.A. River per C.E. FB# 2230-68

℄ Towers as Constructed

℄ R/w & ℄ Towers per Map L-188

℄ Los Angeles River

G.A.M. 5/13/36

per map L-188
100-37-5E
Check by Miller 5/13/36

Moved

Calc 38.63

38.55
39.305

Set 2x2 by 10" 6" deep G.A.M. 5/4/36

Angle Point in ℄ R/w Map Sta 178+93.66

Set L&T in Conc Base of Tower (Fd. G.A.M. in Spot of Destroyed Tower)
Tower No. 25 D.E.-A.P.

To Set ℄ Wall per C.E. FB# 1292A-49

39.305
38.55
0.755

12.18
-.745
11.435

10/8/40
Tower No. 25 moved East 21.37' & North 1.98' to allow for Construction of River Channel Wall
See Notes FB 515-50.
W.C.M.

New ties Tower #25
in F.B. 549-36

Note.
New Location Tower #25
moved Oct. 1940.
See F.B. 515-50

New ties 3/12/42.
See F.B. 549-36
J.H. Oliver & Party

To ℄ Towers

℄ R/w per Map L-188

10°-32'-58"

90°-00'-00"

Tower 25

Tower 26.

Set 2x2 6" deep

11.42 calc

1.98
8.75
7.14
6.44

℄ Towers

℄ R/w

231.41

2.355

493.89

to Pg. 15

Set L-T

A.P. in ℄ R/w Map Sta 178+93.66

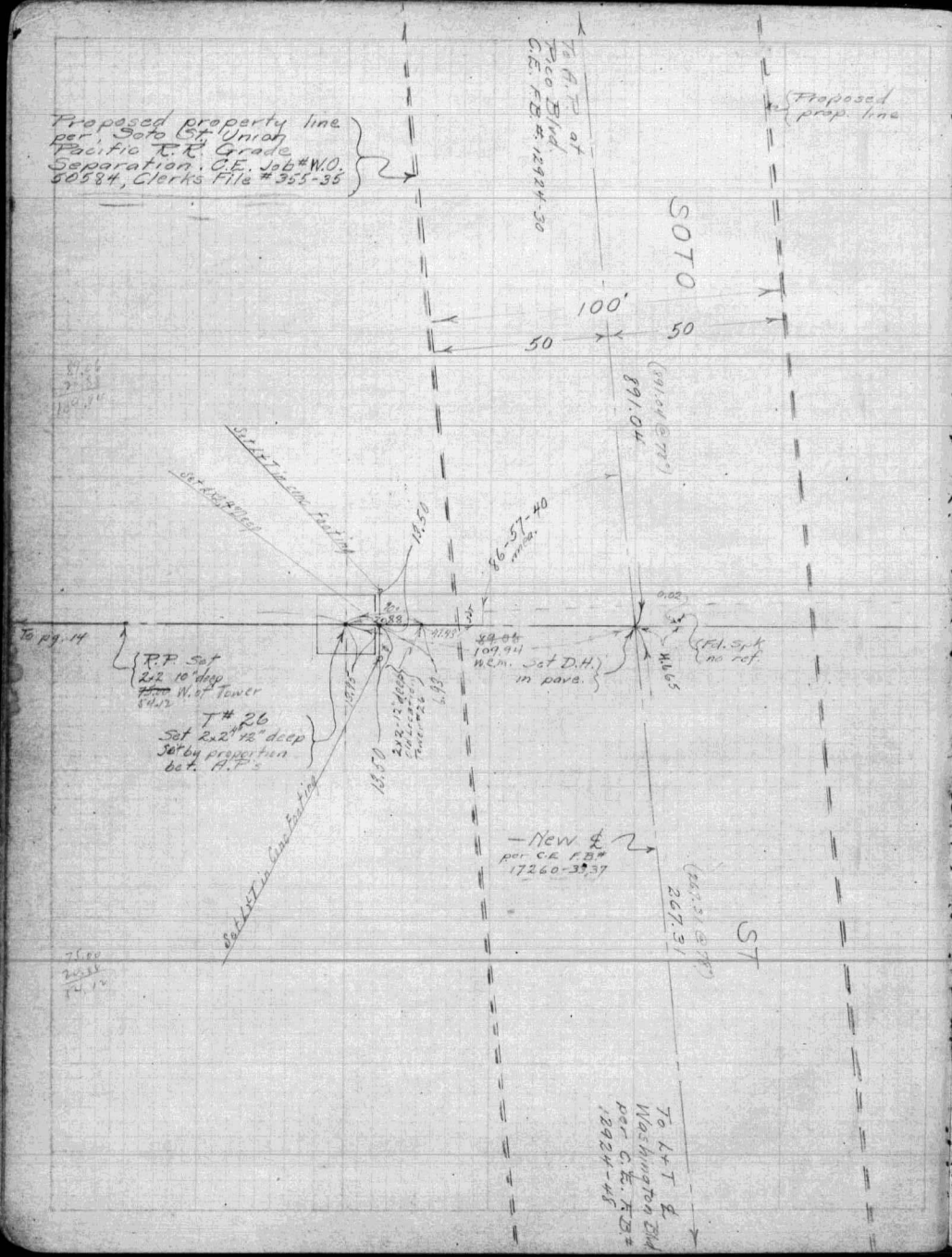
Ctr. Old Tower #25

G.A.M. 5/11/36 N.S. 777.02 756.14 WCM 7/10/36

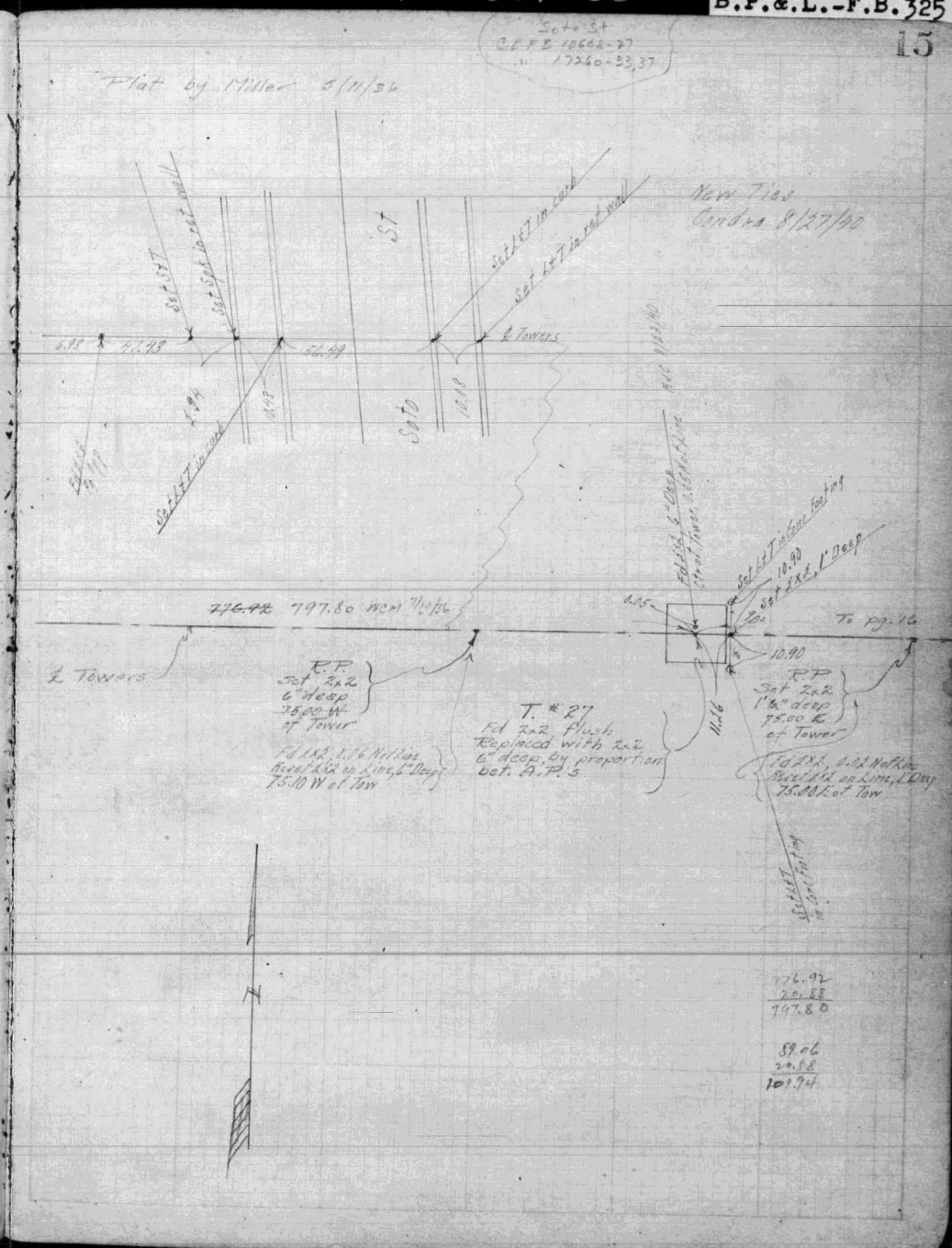
To Page 15.

178+93.66
7 56.14
186+49.80

777.02
20.88
756.14


Proposed property line per Soto St. Union Pacific R.R. Grade Separation. C.E. Job# W.O. 50584, Clerks File # 355-35
Proposed prop. line
To A.P. at Pico Blvd. C.E. F.B.# 12924-30
SOTO
100'
50
50
891.04
Set L+T in Conc Footing
Set 2x2 6" Deep
86-57-40 mea.
To pg. 14
R.P. Set 2x2 10" deep 75.00 W. of Tower
T# 26 Set 2x2 4" 12" deep Set by proportion bet. A.P.'s
Set L+T in Conc Footing
109.94 W.C.M. Set D.H. in pave.
Fd. Spk no ref.
New ℄ per C.E. F.B.# 17260-33,37
267.31
ST
To L+T ℄ Washington Blvd per C.E. F.B.# 12924-48

B.P.&L.-F.B.325


Soto St
C.E. F.B. 10608-27
" 17260-33,37
Plat by Miller 5/11/36
New Ties Condra 8/27/40
Set L+T in curb
Set L+T in ret wall
℄ Towers
Soto
ST
776.92 797.80 WCM 7/10/36
℄ Towers
R.P. Set 2x2 6" deep 75.00 W of Tower
T. # 27 Fd 2x2 flush Replaced with 2x2 6" deep, by proportion bet. A.P.'s
Fd 2x2, 0.06 Nat Line Reset 2x2 on Line, 6" Deep 75.10 W of Tow
Set L+T in Conc Footing
To pg. 16
R.P. Set 2x2 1' 6" deep 75.00 E of Tower
Fd 2x2, 0.02 Nat Line Reset 2x2 on Line, 1' Deep 75.00 E of Tow
776.92
20.88
797.80
89.06
20.88
109.94

FB.1301-31

To Page 15

G.A.M. 5/11/36
760.41

50

℄ South Line Tract No. 2495 - See F.B. 292-30.

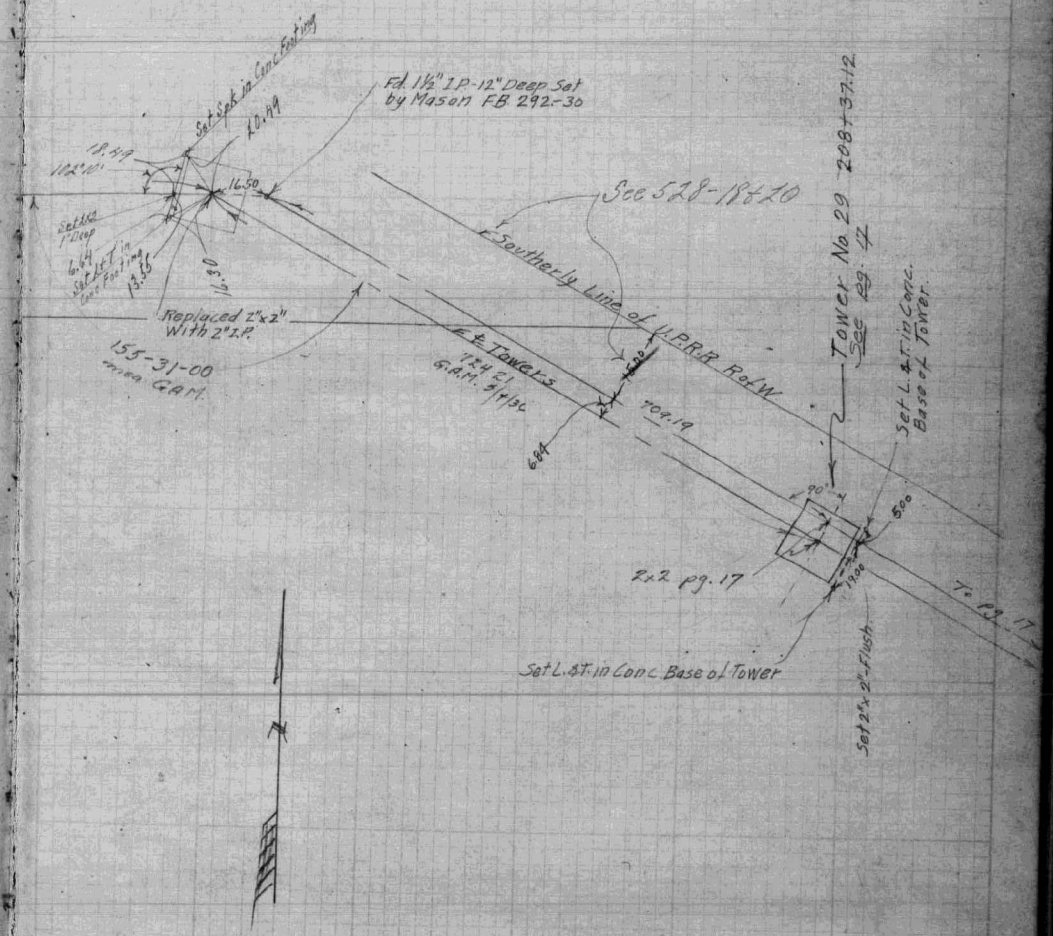
Fd. 1½" I.P.-12" Deep Set by Mason F.B. 292-30

FB.1301-32

B.P.&L.-F.B.325

16

Party L.G. Multhauf 7/18/28
O.B. Field
G.W. Bartow
F.W. Ballinger

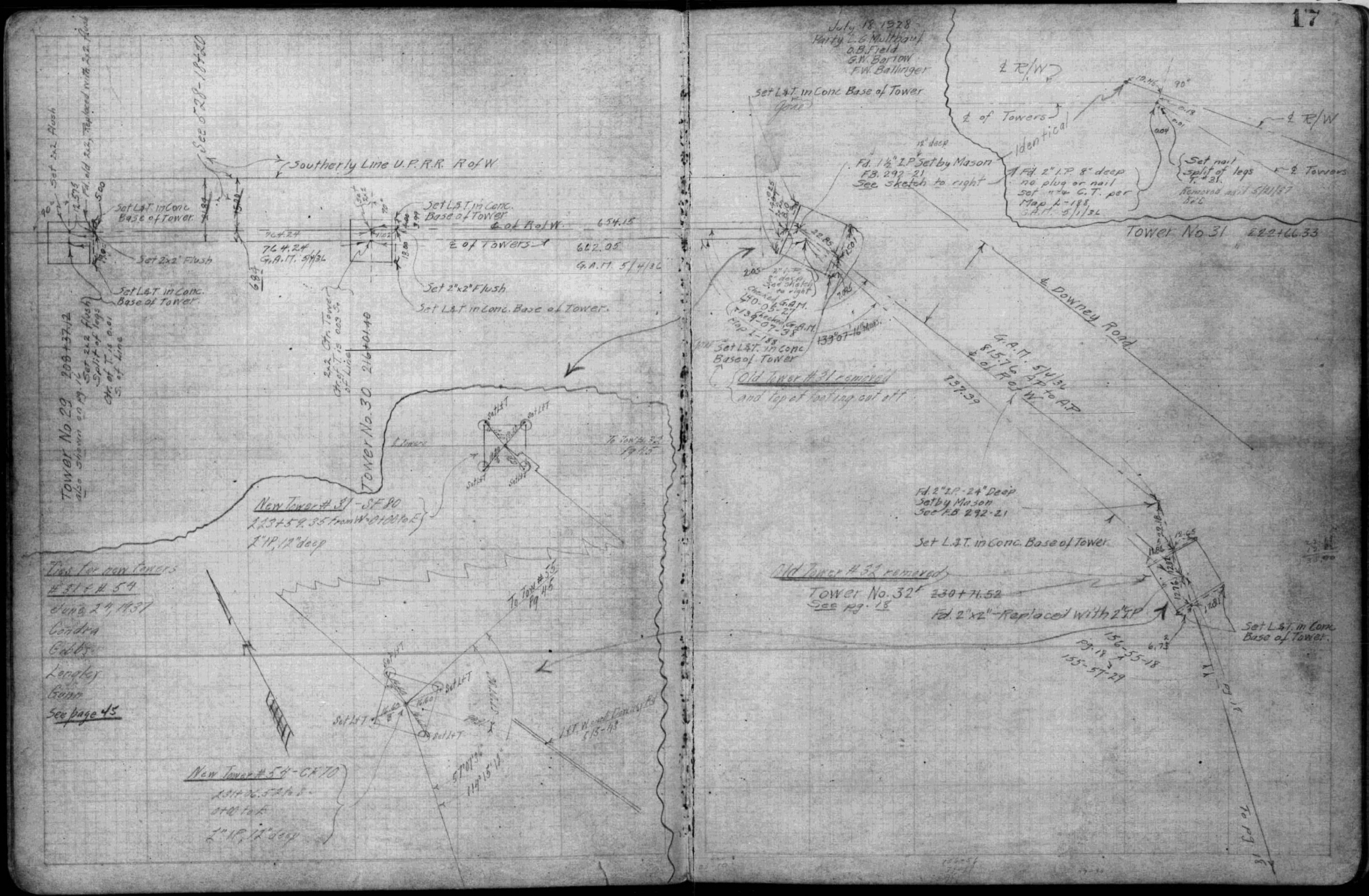


FB.1301-33

FB.1301-34

B.P.&.L.-F.B.325

17

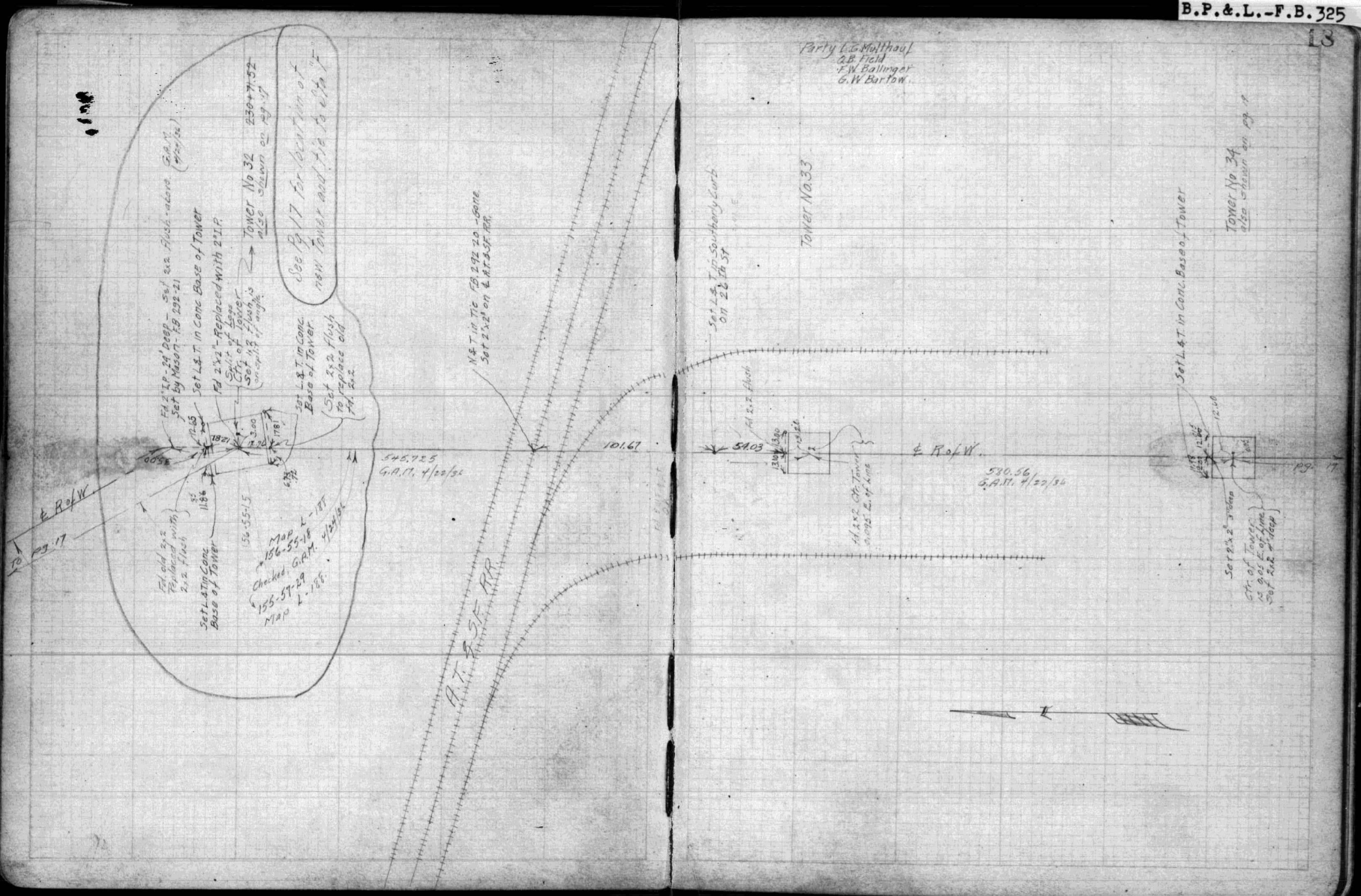


FB.1301-35

FB.1301-36

B.P.&.L.-F.B.325

18



Tower No 34
See pg 18
Set L&T. in Conc. Base of Tower
Set 2"x2"
Pg. 18
2x2 pg 18
590.53
G.A.M. 4/22/36
Tower No 35
L&T. in Conc. Base of Tower
Checked, 4/20/36
G.A.M.
179-49-44
Map L-188
Los Angeles River
G.A.M. 4/22/36
900.55
OK.
Tower No 36
A.P.
Also shown on pg. 20
L&T. in Conc. Base of Tower
Checked, 4/20/36
G.A.M.
179-40-09
Map L-188
Pg. 20

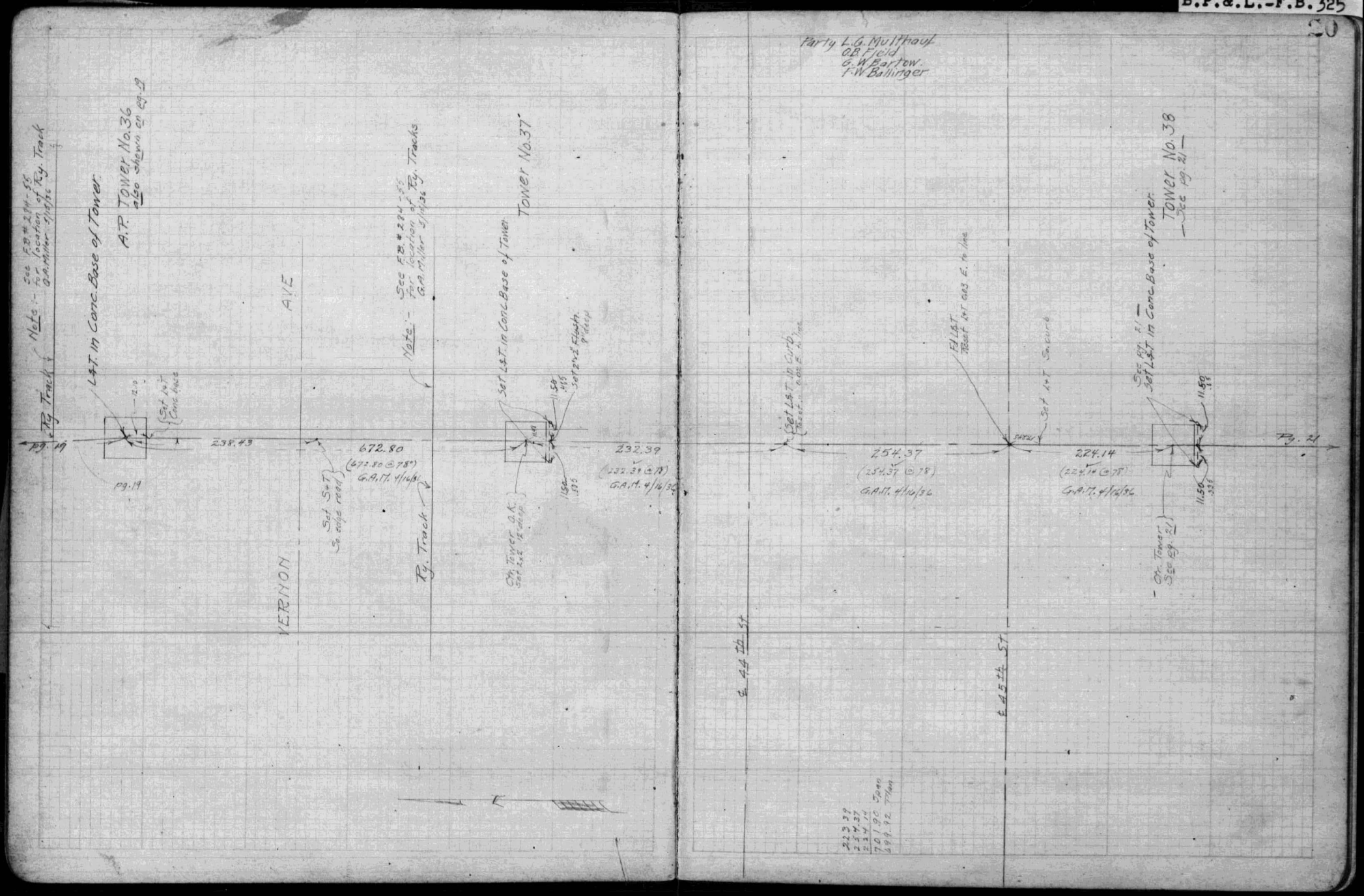
FB.1301-39

FB.1301-40

B.P.&.L.-F.B.325

20

Party L.G. Multhauf
O.B. Field
G.W. Bartow
F.W. Ballinger



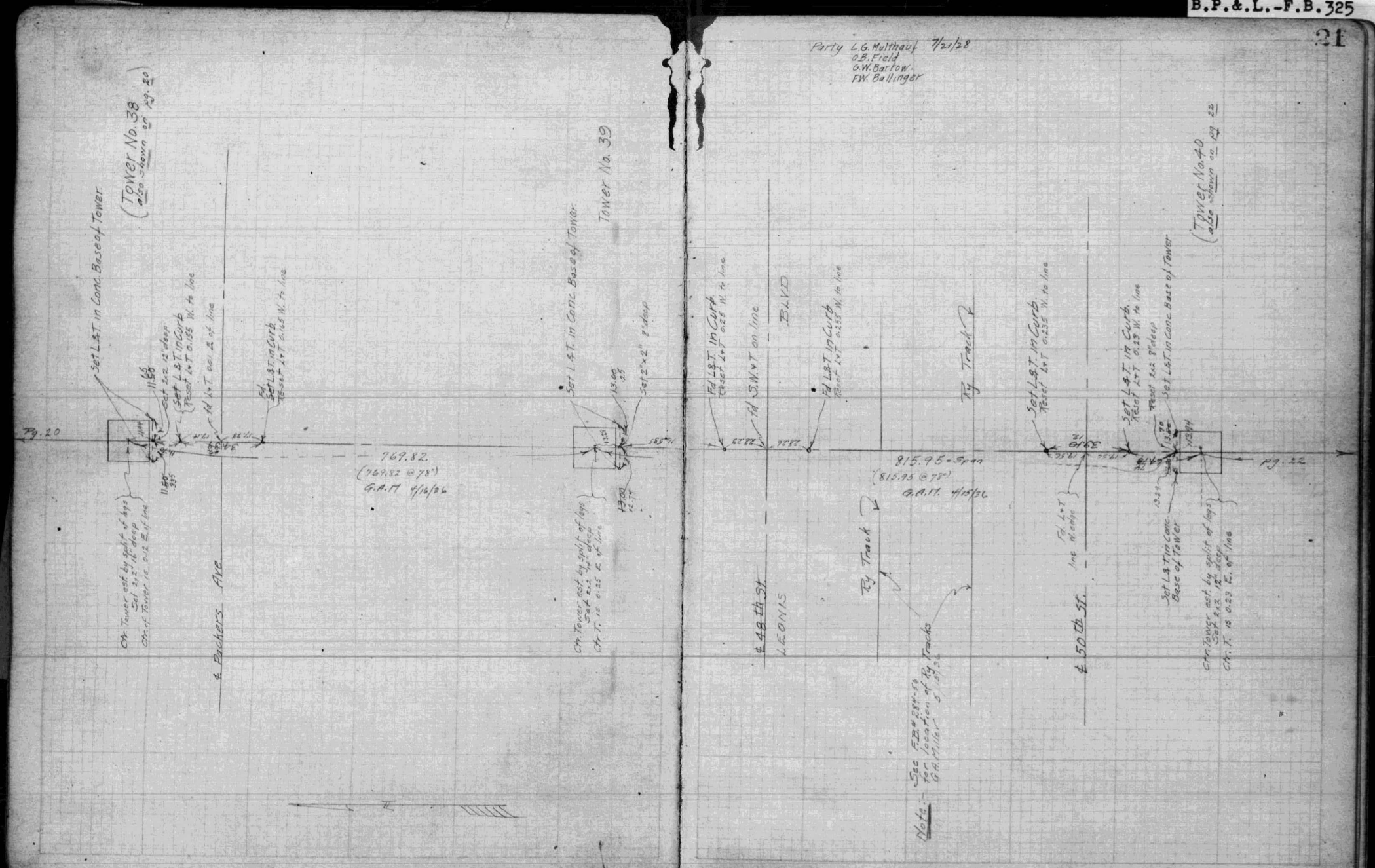
FB.1301-41

FB.1301-42

B.P.&L.-F.B.325

21

Party L.G. Multhauf 7/21/28
O.B. Field
G.W. Barlow
F.W. Bullinger



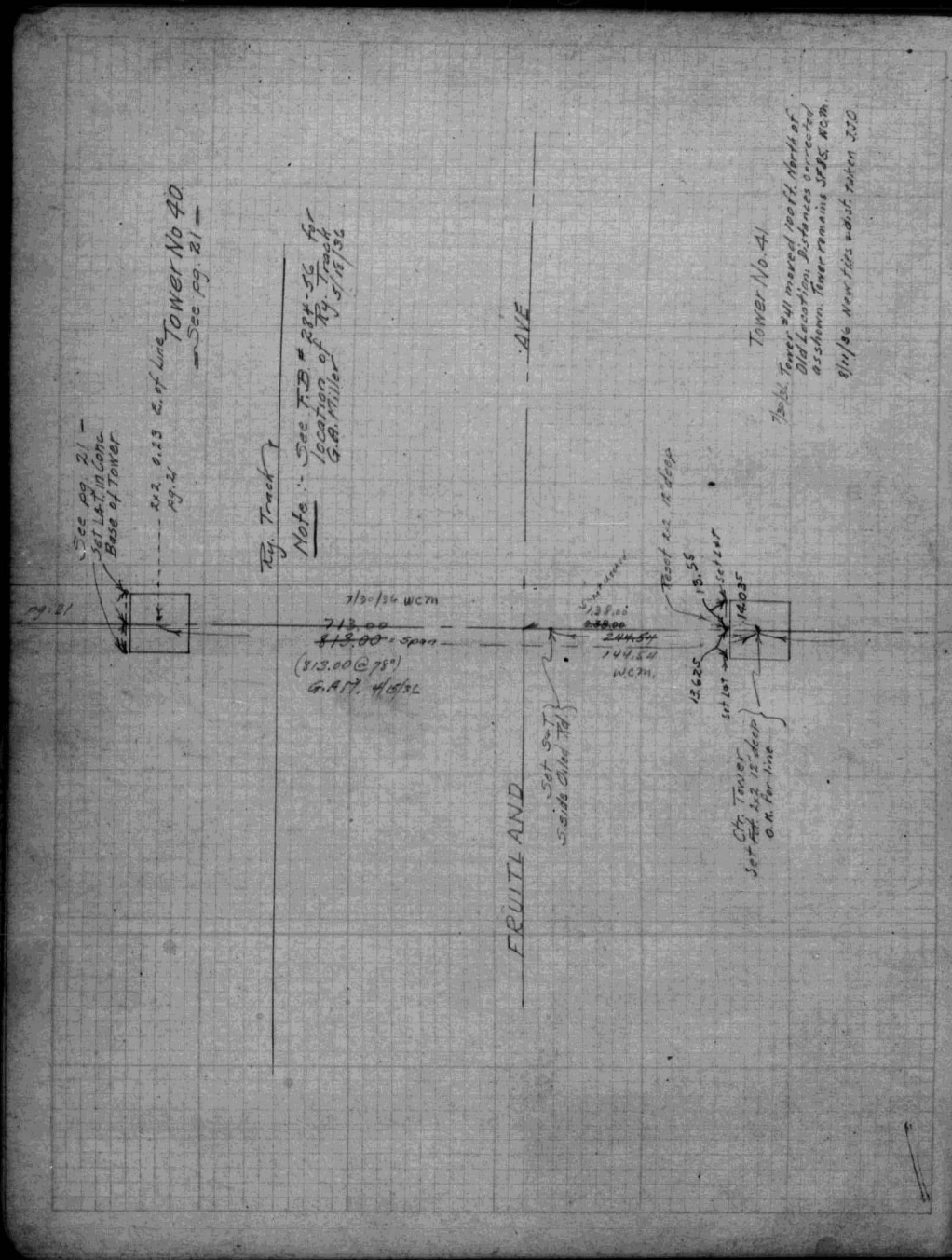
FB.1301-43

FB.1301-44

B.P.&L.-F.B.325

22

Party L.G. Multhauf
OB Field
F.W. Ballinger
G.W. Bartow.

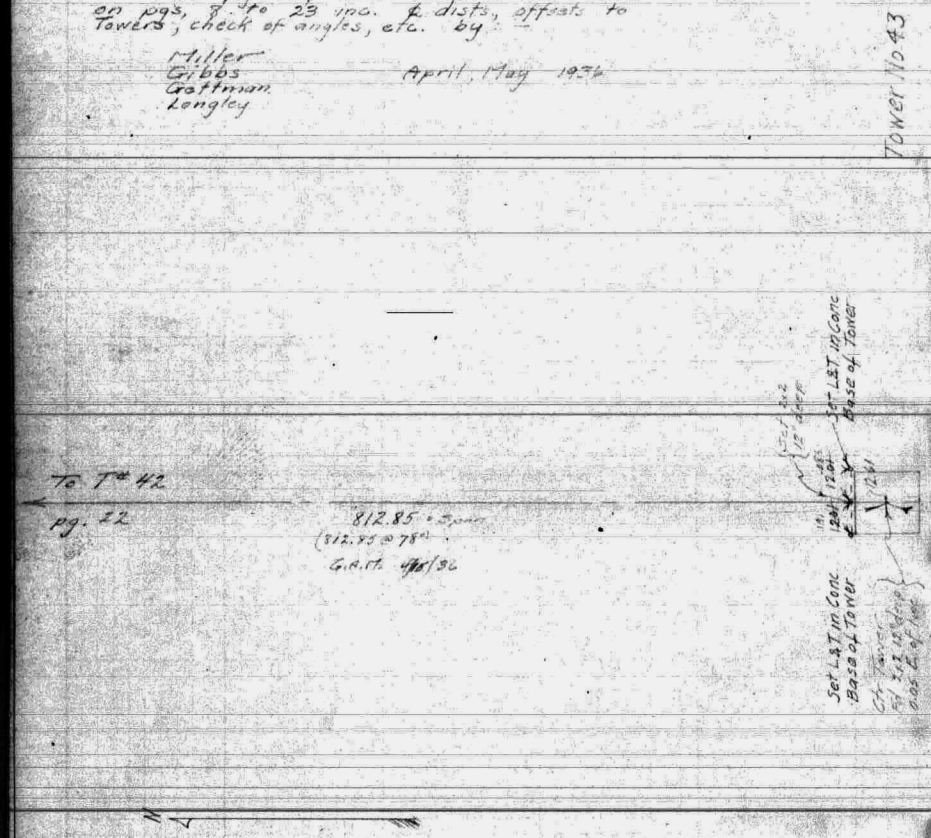


NOTE :—

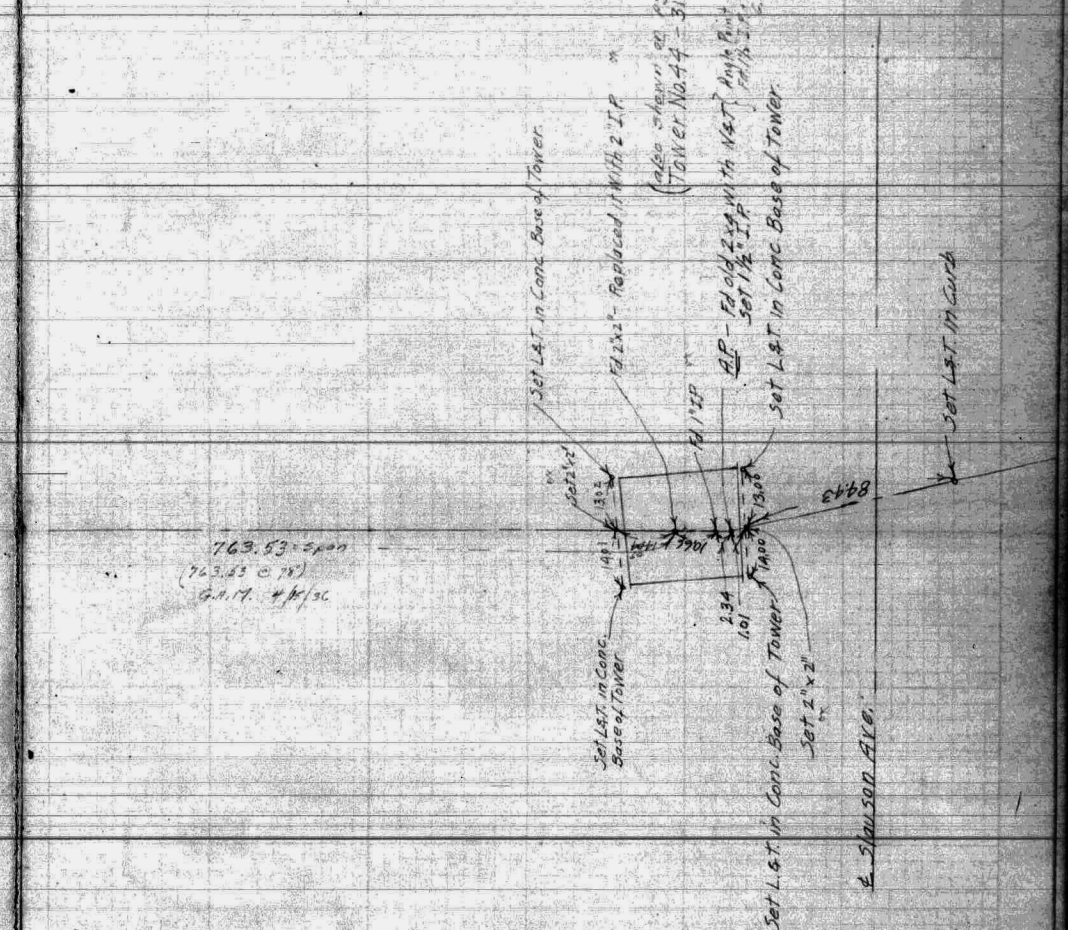
Plat pg. 15, and additional note on pgs. 8 to 23 inc. ℄ dists, offsets to Towers, check of angles, etc. by

Miller
Gibbs
Gottman
Longley

April, May 1936



Party L.G. Multhauf 8/3/28
O.B. Field
G.W. Bartow
F.W. Ballinger

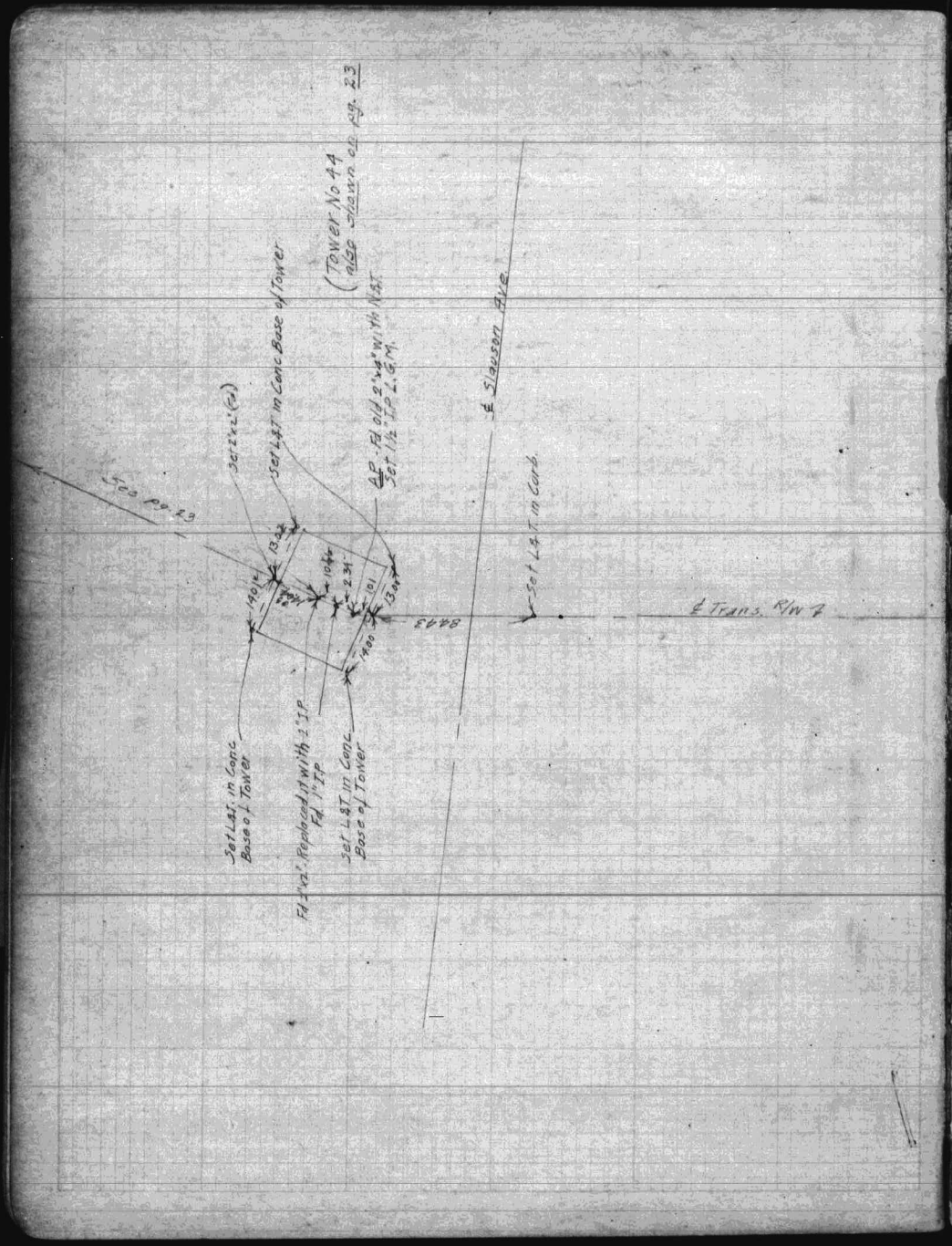


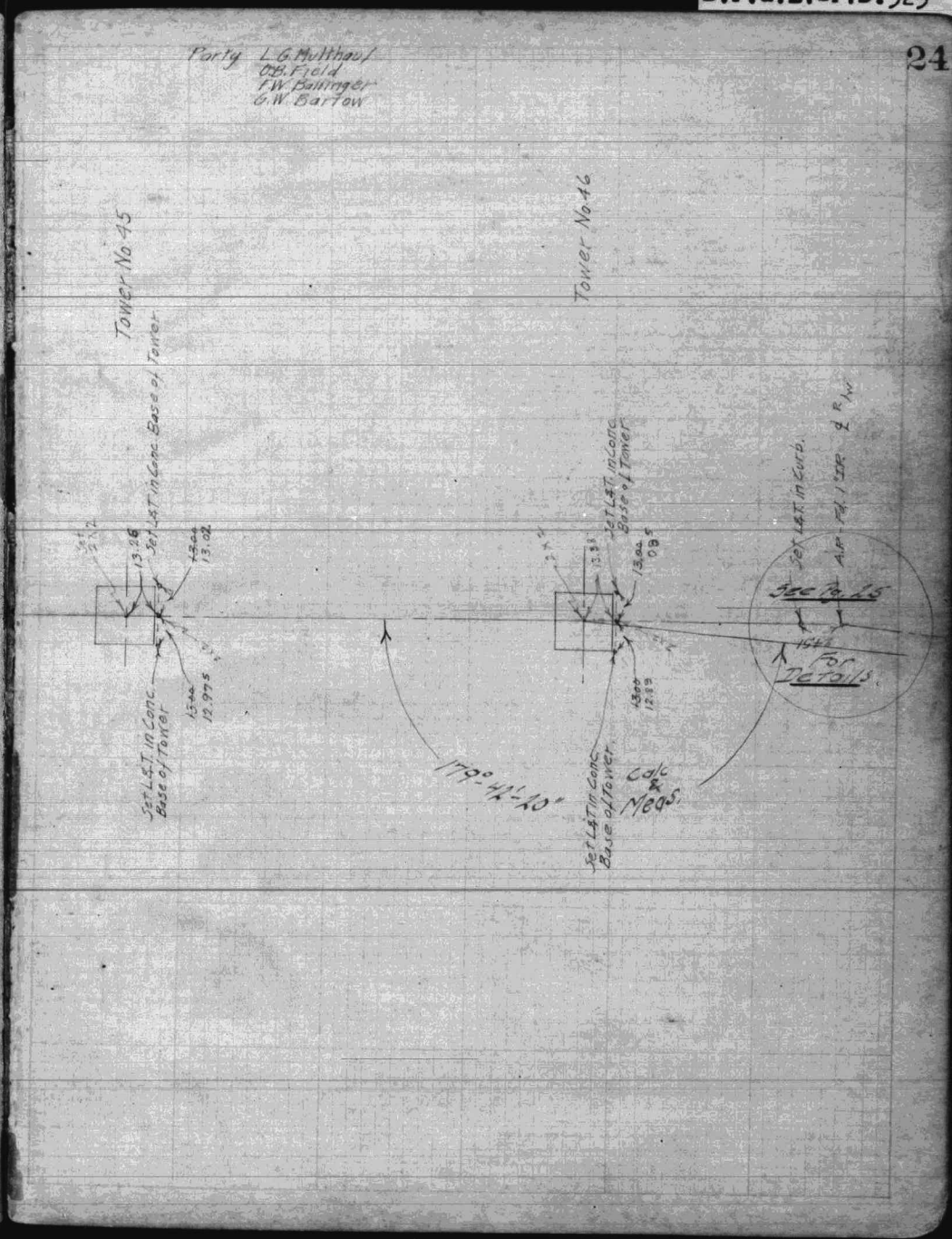
FB.1301-47

FB.1301-48

B.P.&L.-F.B.325

Party L.G. Multhauf
O.B. Field
F.W. Ballinger
G.W. Barrow

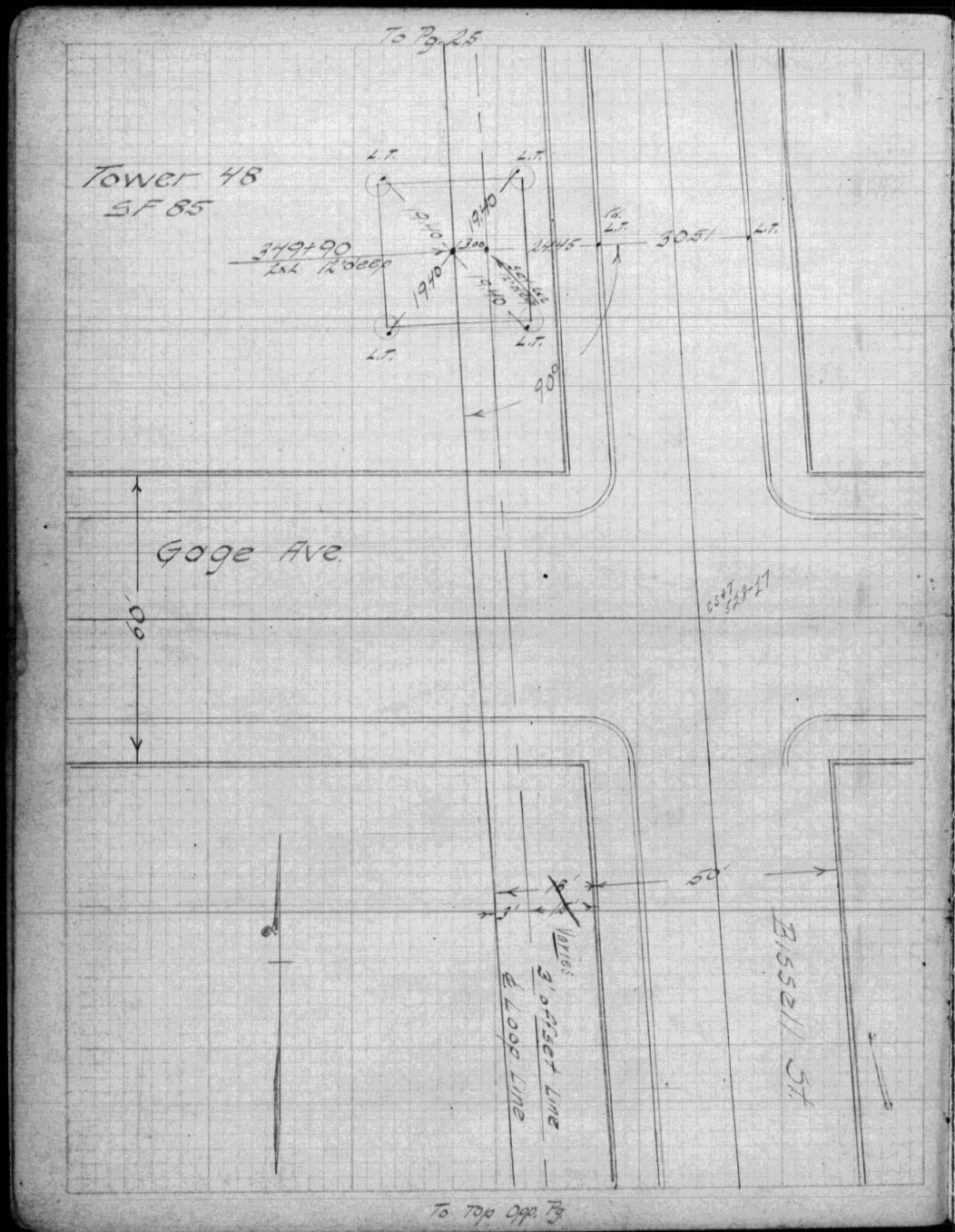


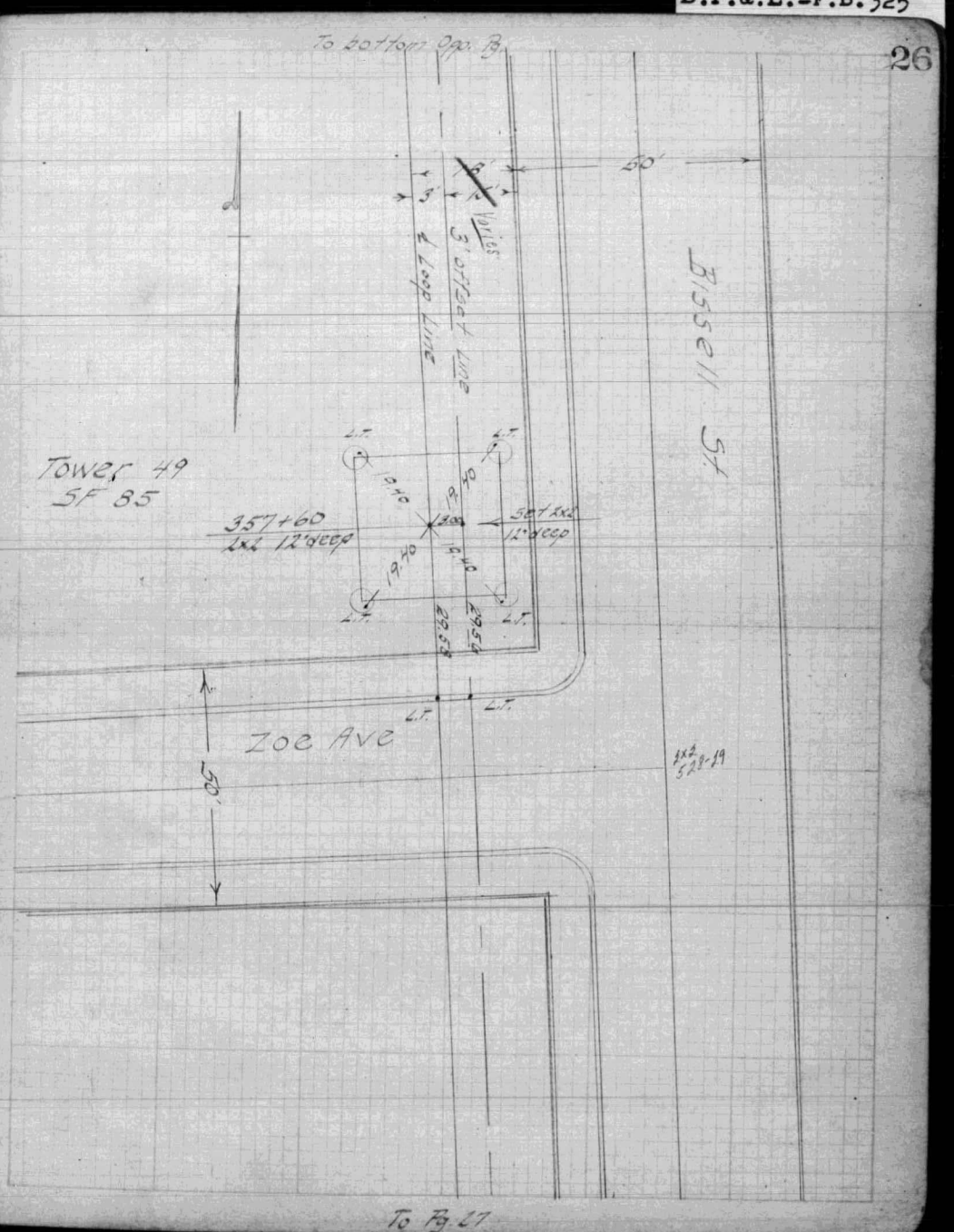


FB.1301-51

FB.1301-52

B.P.&.L.-F.B.325





FB.1301-49

FB.1301-50

B.P.&.L.-F.B.325

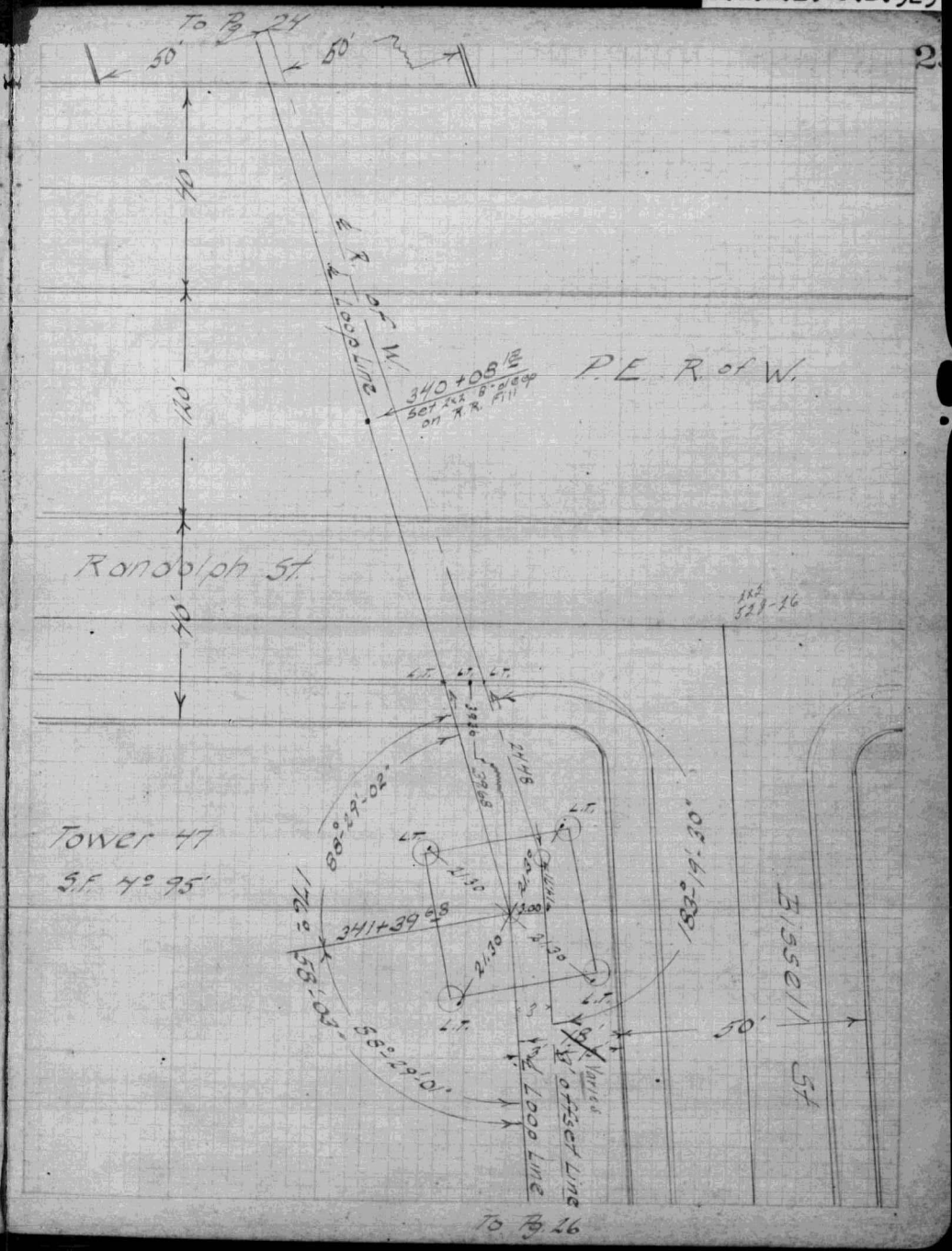
25

Center Line Ties
on
Loop Line

Tower 47 Randolph St
to
Tower 62 Virginia Ave & Southern Ave

July 16, 1936

Knight GB
Gettman EL
Mansfield CB
Hathaway G
Buck F.C.

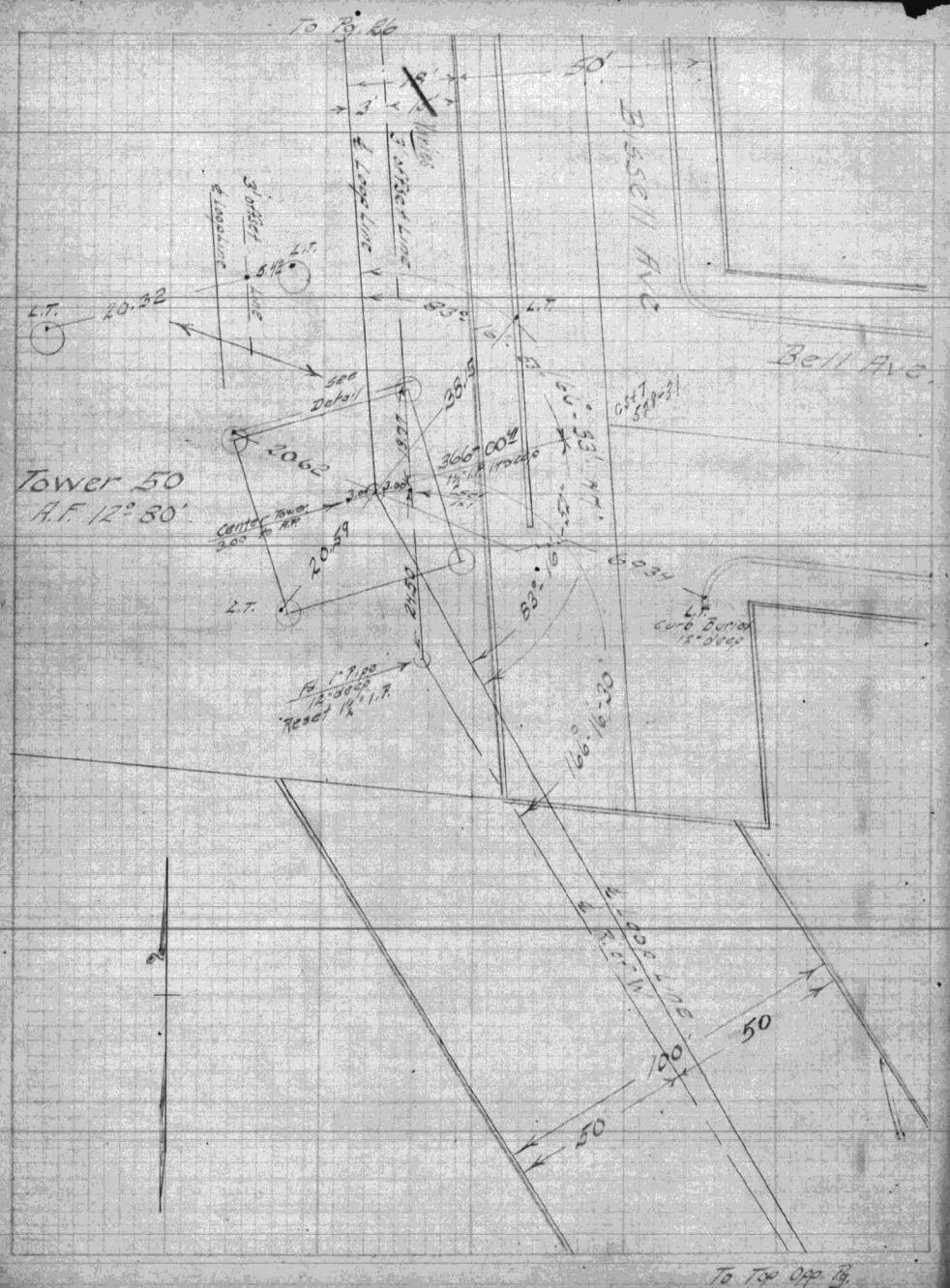


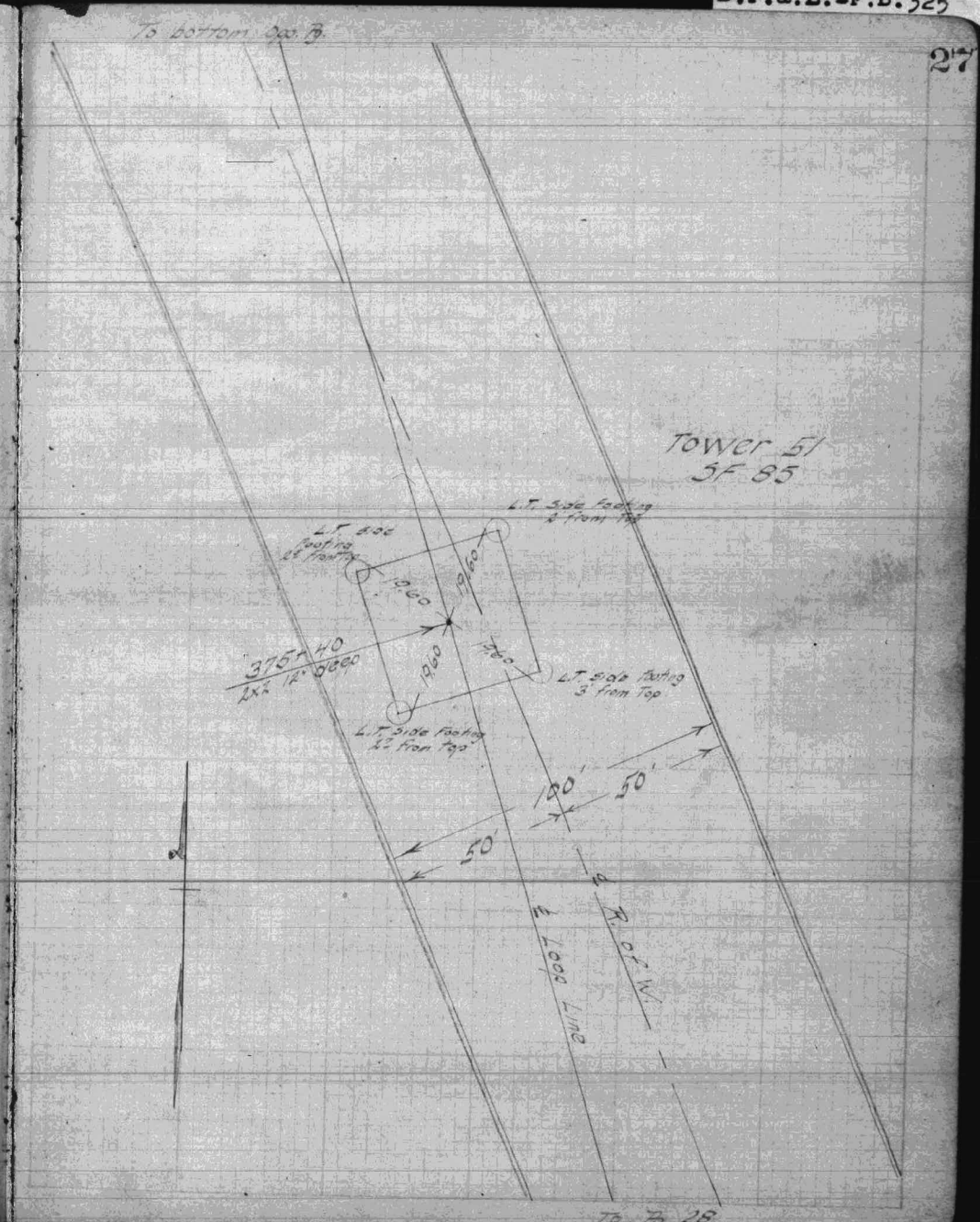
FB. 1301-53

FB. 1301-54

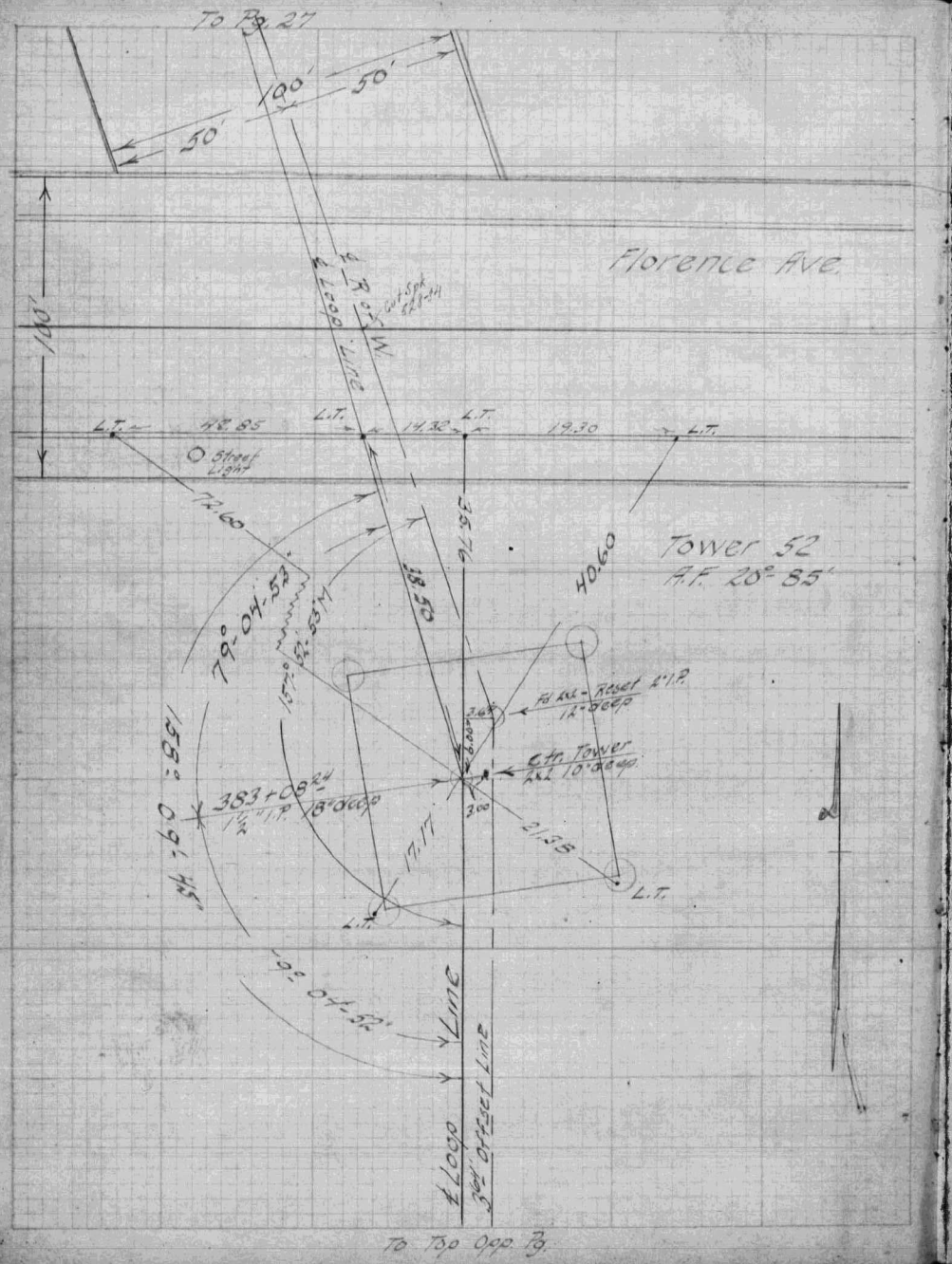
B.P.&L.-F.B. 325

27





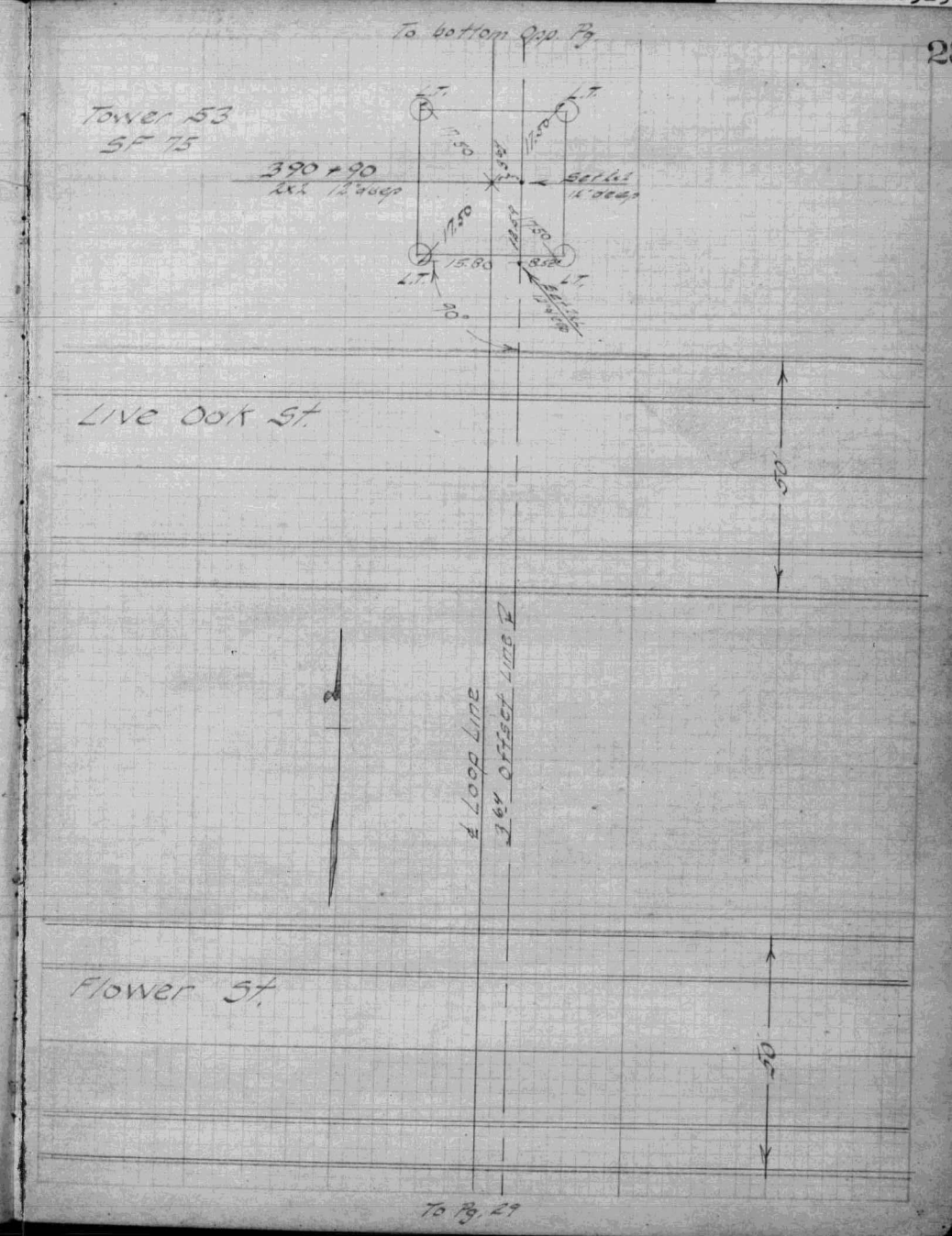
FB.1301-55



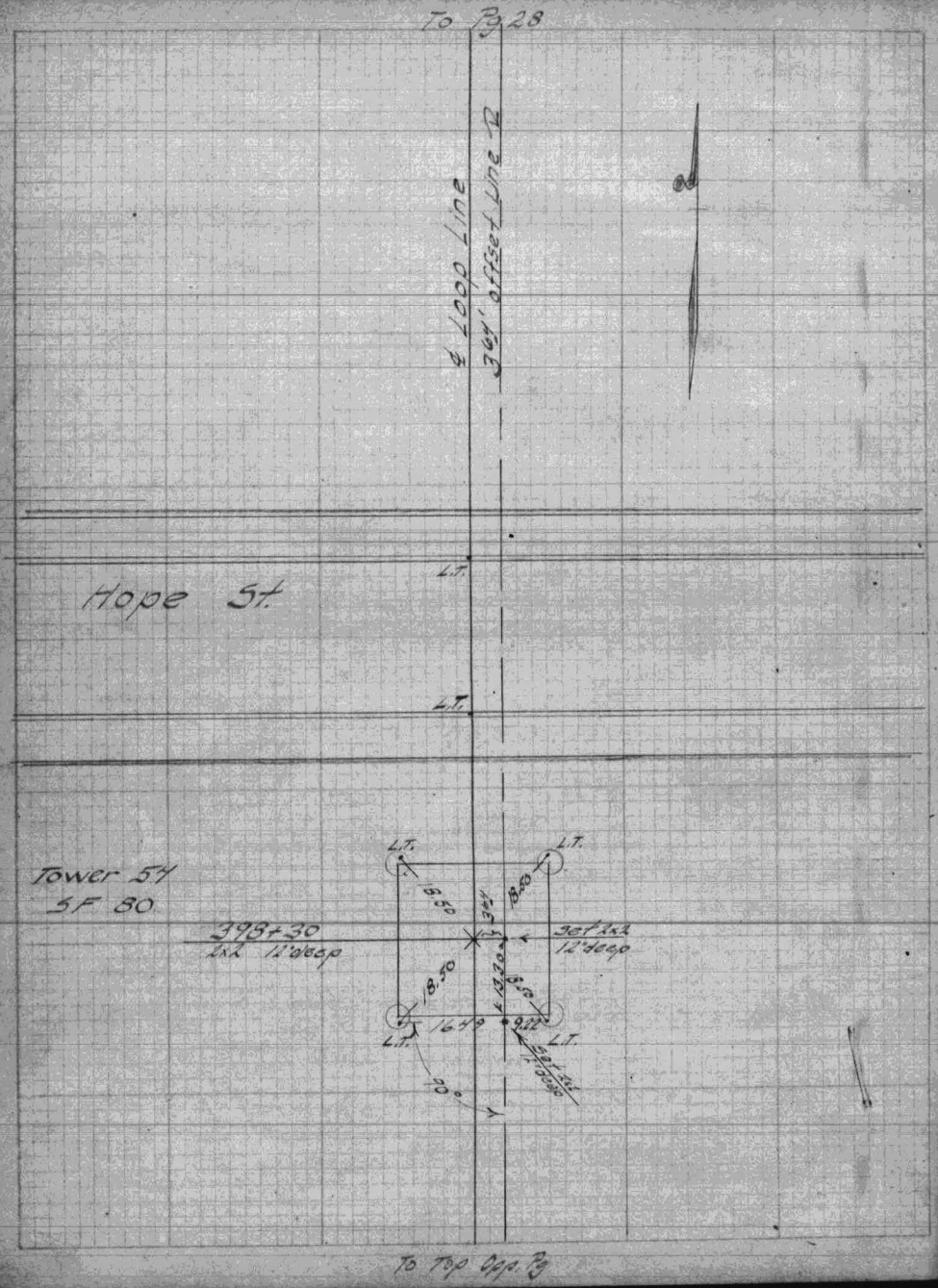
FB.1301-56

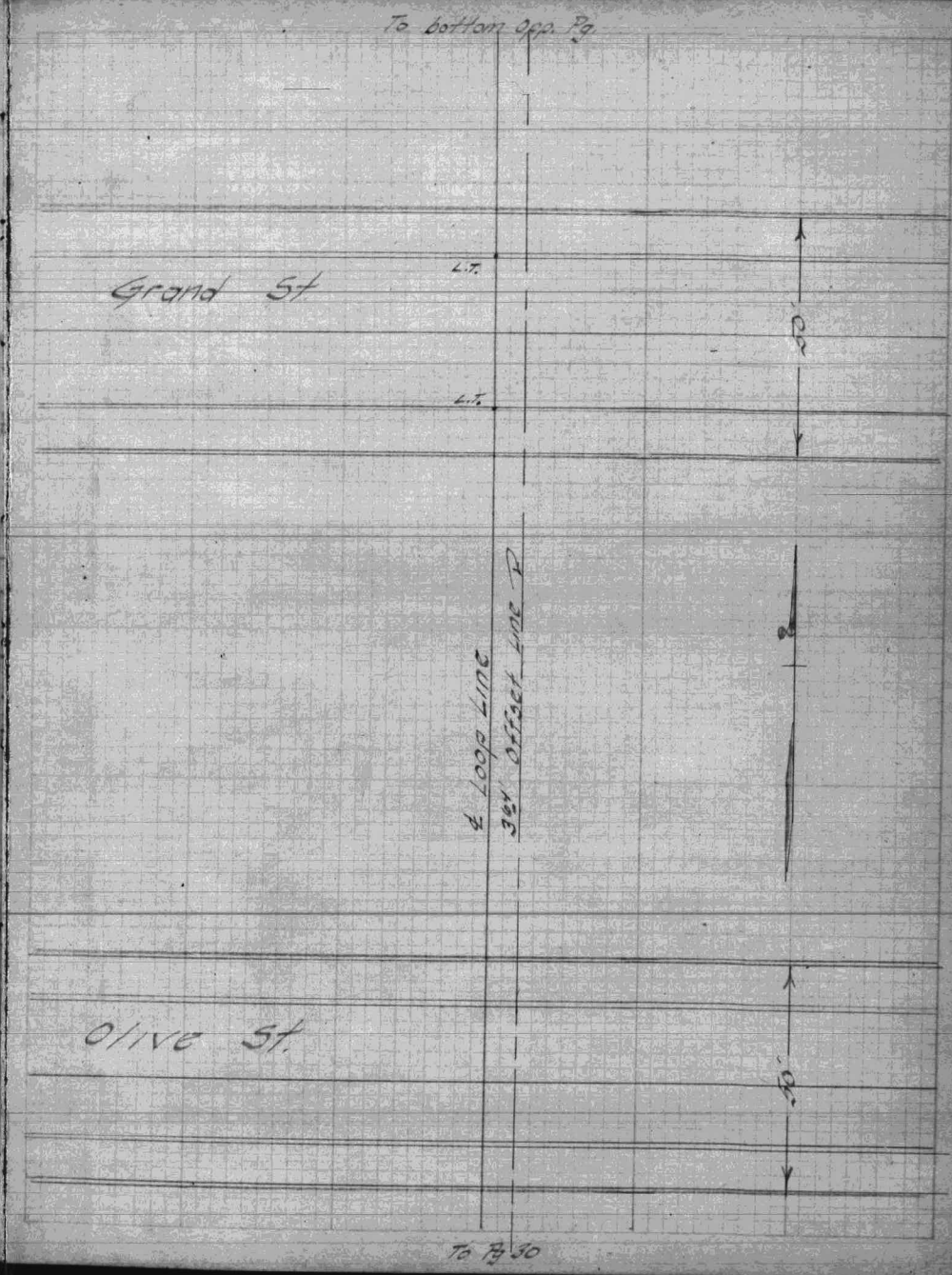
B.P.&L.-F.B.325

28



B.P.&.L.-F.B.325


To Pg 28
℄ Loop Line
3'4" offset Line ℞
L.T.
Hope St.
L.T.
Tower 54
SF 80
398+30
2x2 12" deep
Set 2x2
12" deep
18.50
18.50
18.50
18.50
16.49
9.22
L.T.
L.T.
L.T.
L.T.
To Top Opp. Pg

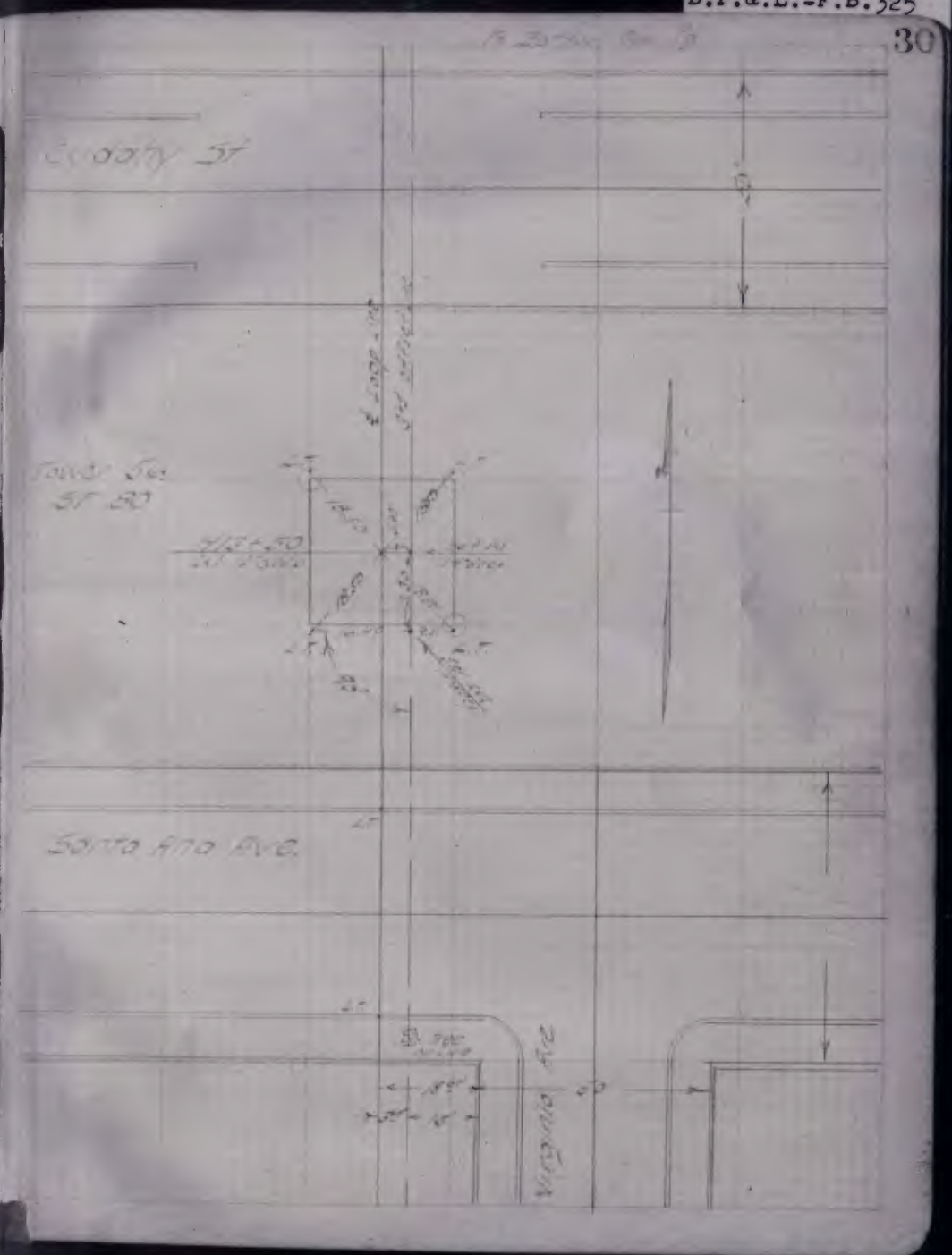

To bottom Opp. Pg.
Grand St.
L.T.
L.T.
℄ Loop Line
3'4" offset Line ℞
Olive St.
To Pg 30

FB.1301-59

FB.1301-60

B.P.&L.-F.B.325

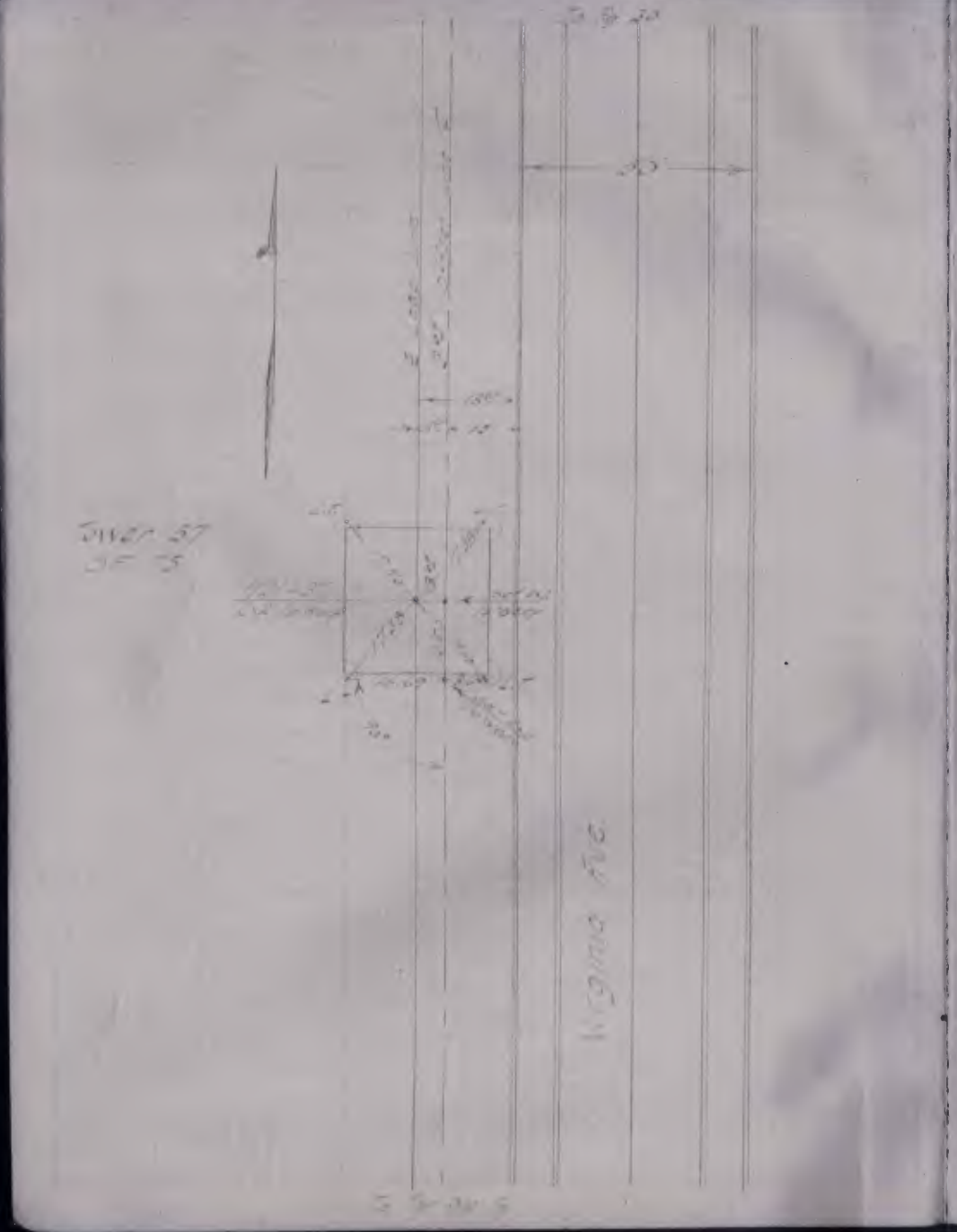
30

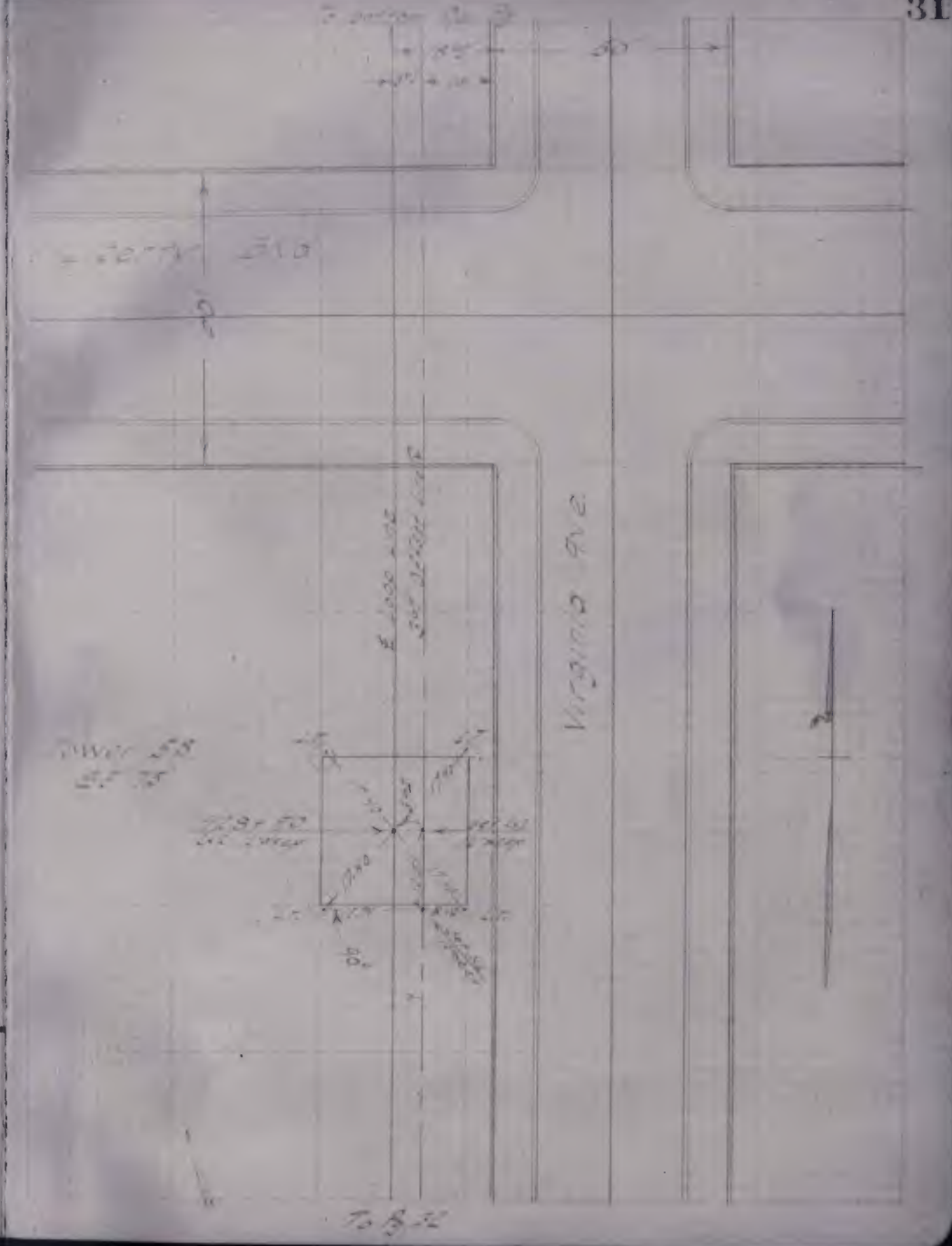


FB.1301-61

FB.1301-62

B.P.&.L.-F.B.325



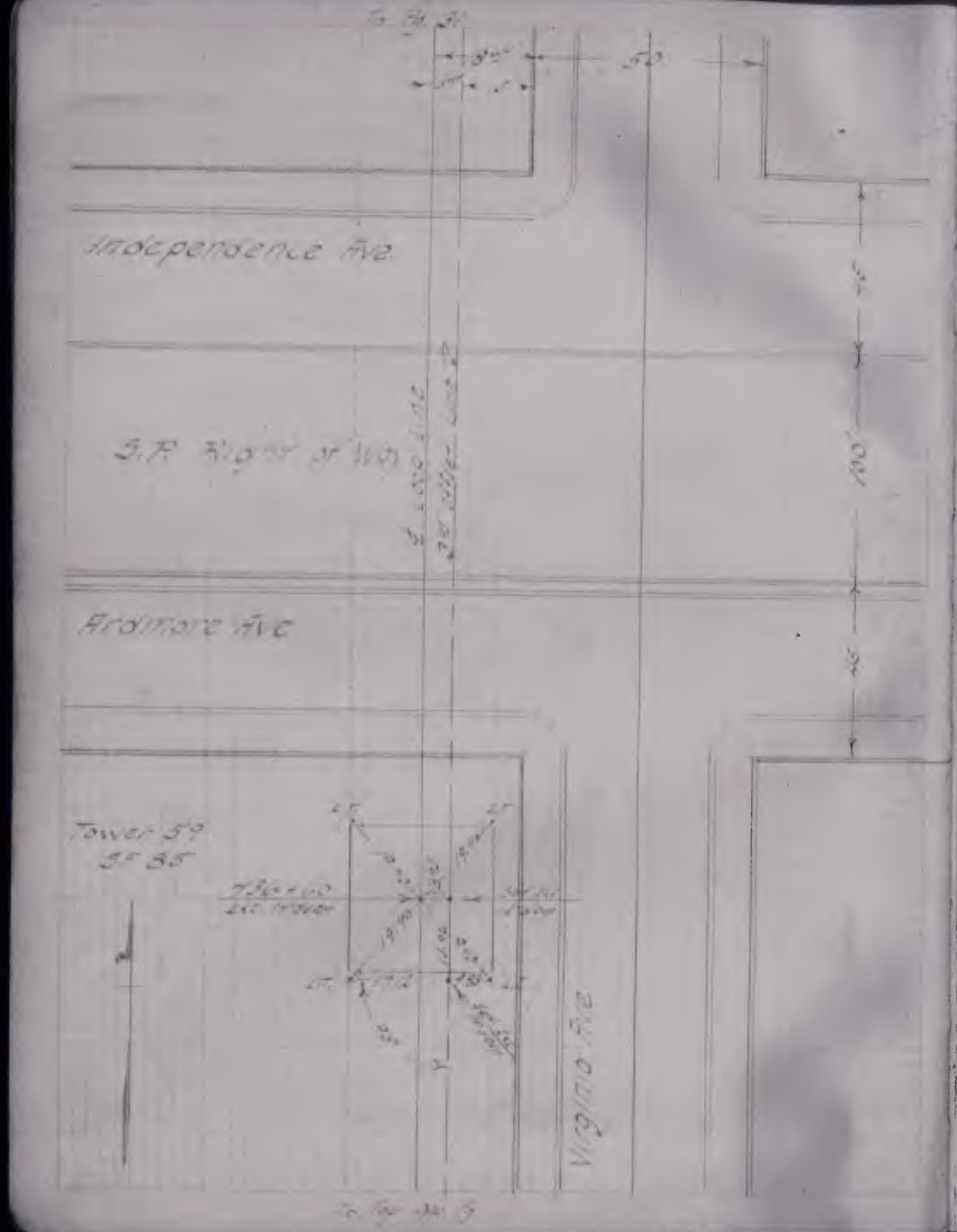


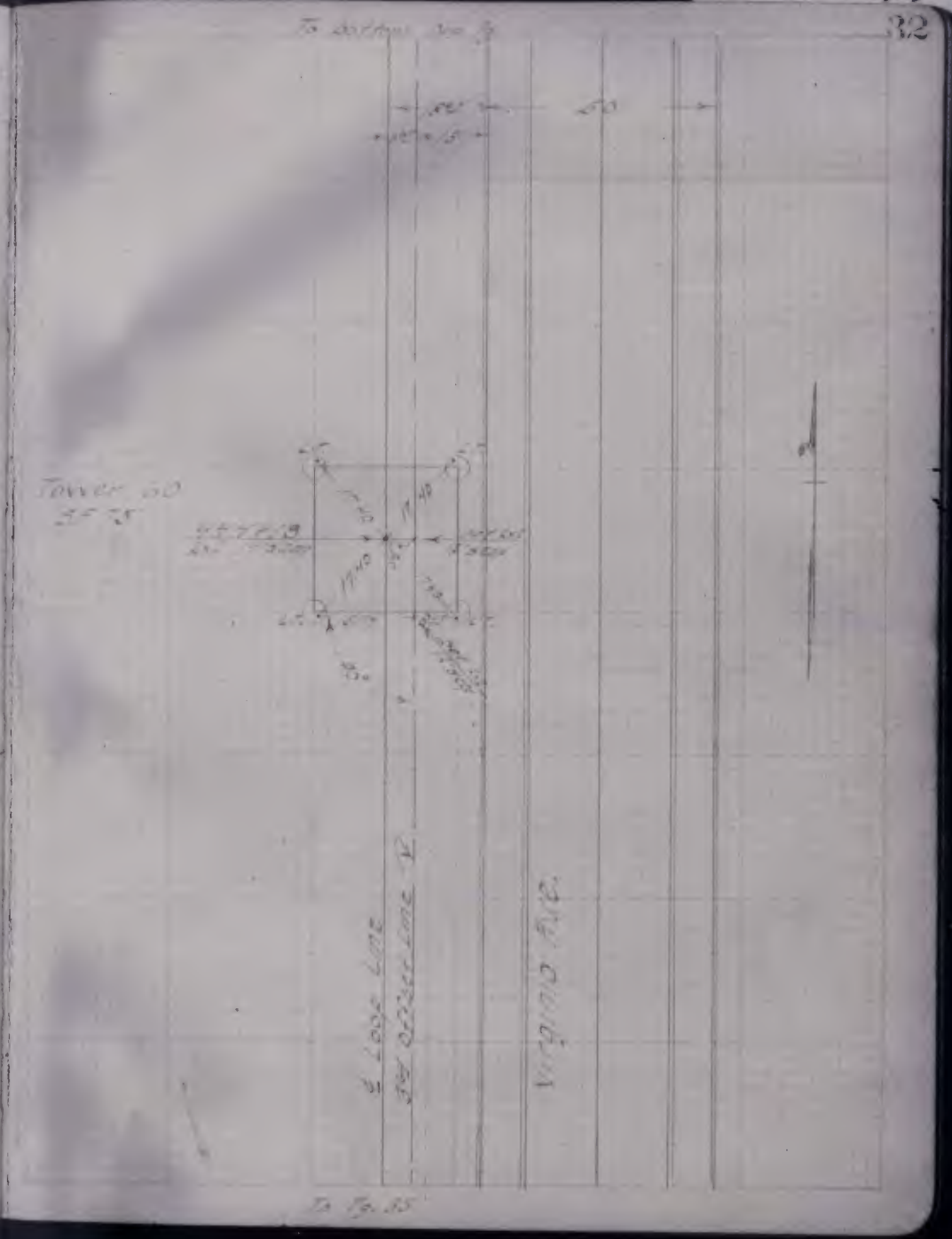
FB.1301-63

FB.1301-64

B.P.&L.-F.B.325

32



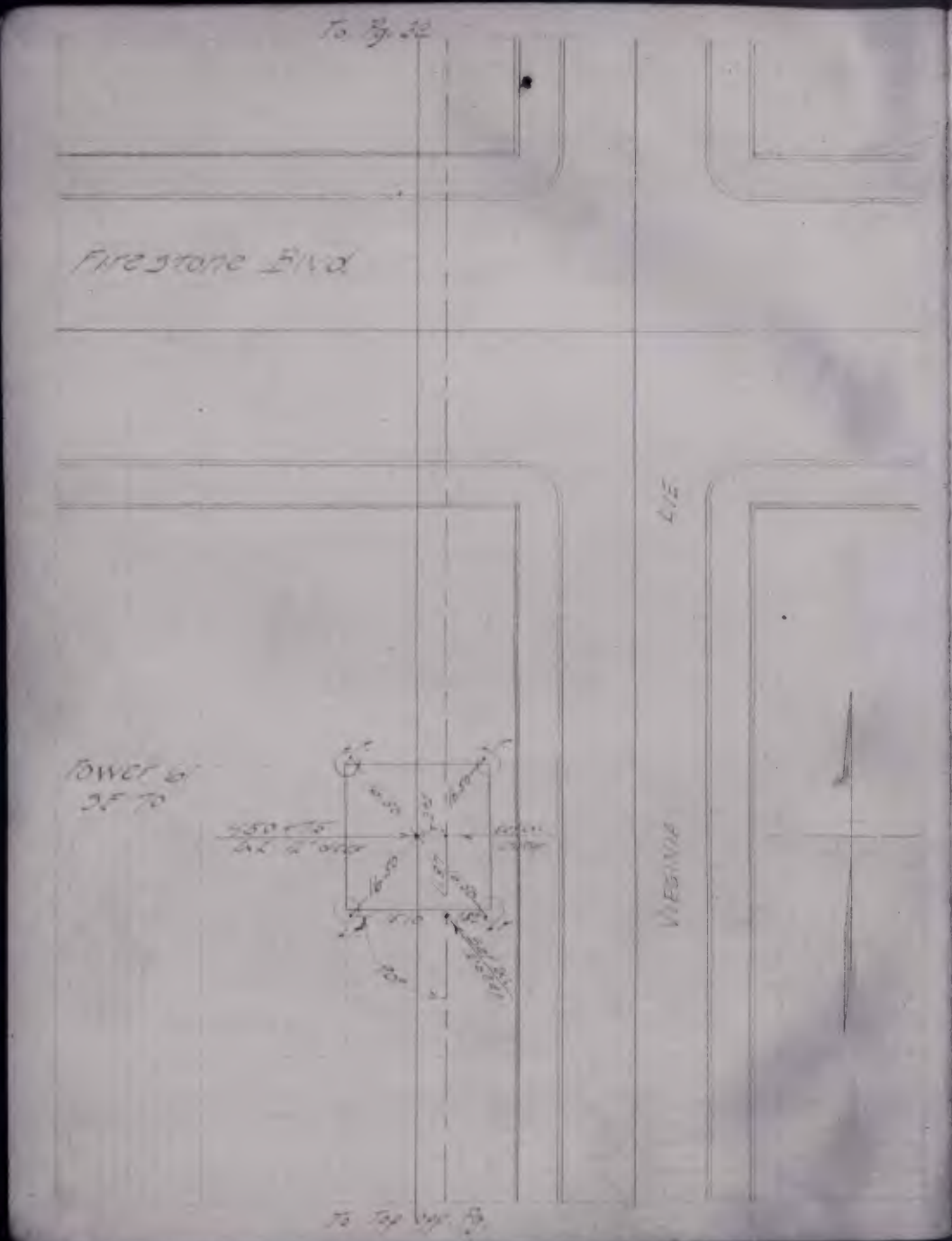


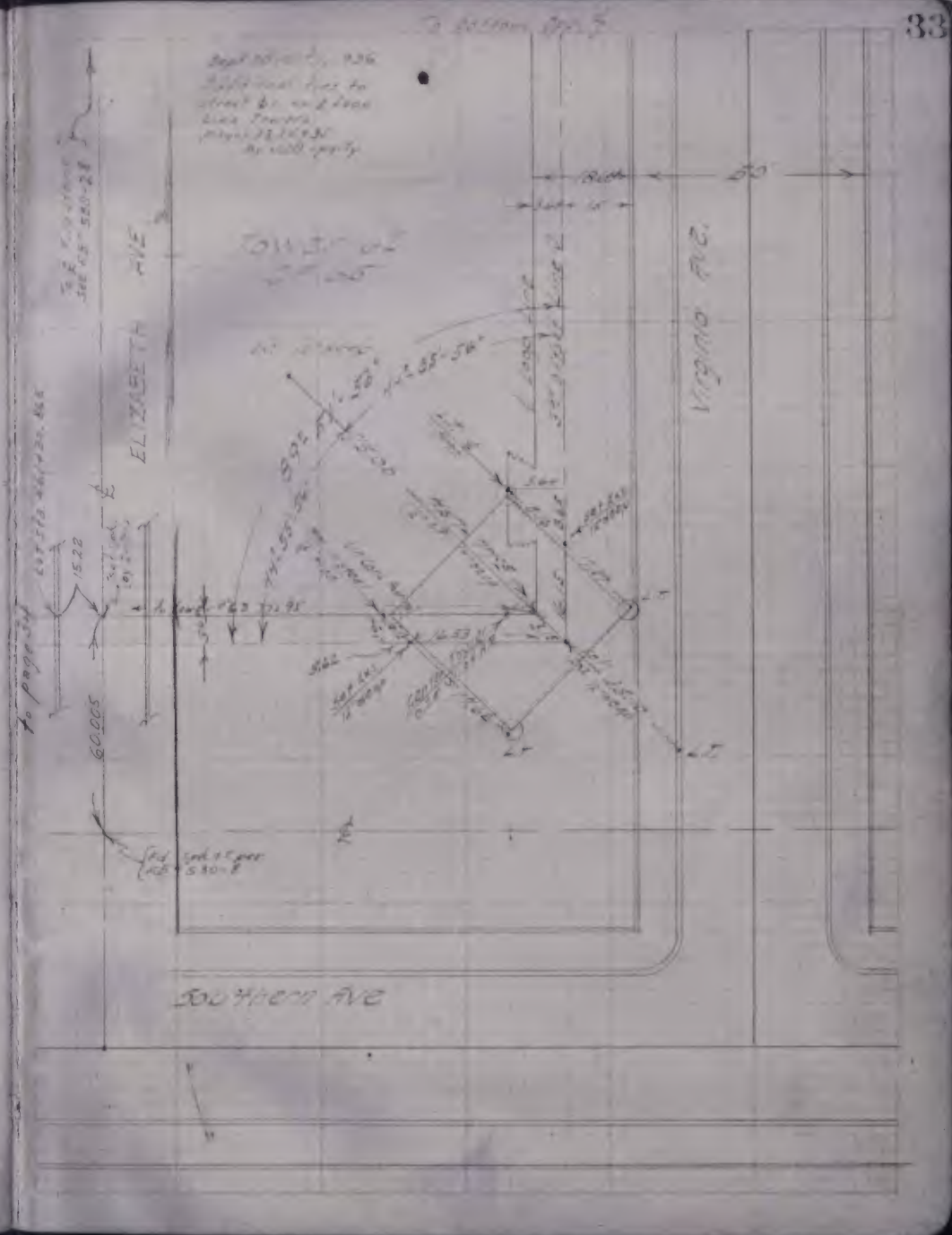
FB.1301-65

FB.1301-66

B.P.&.L.-F.B.325

33



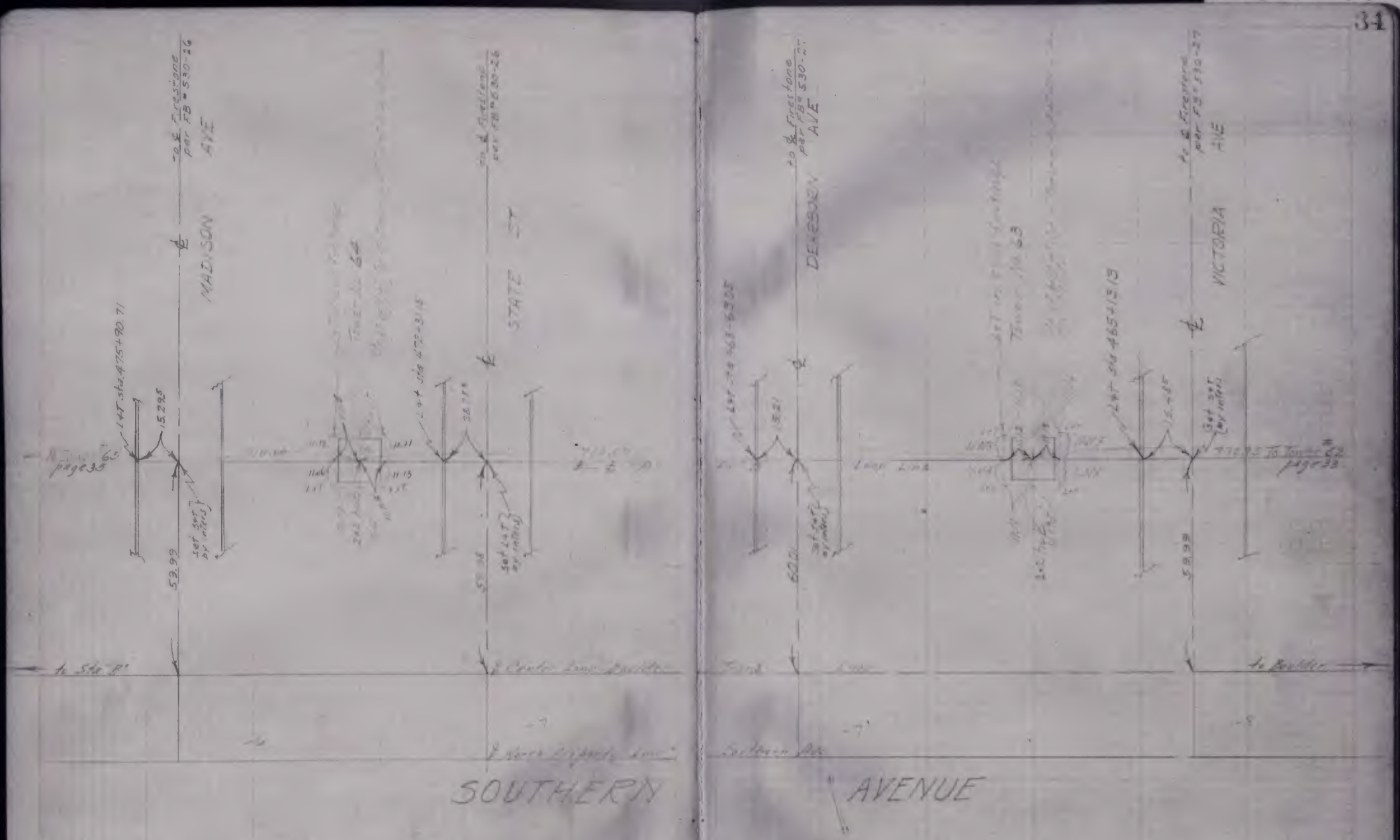


FB. 1301-67

FB. 1301-68

B.P.&.L.-F.B.325

34

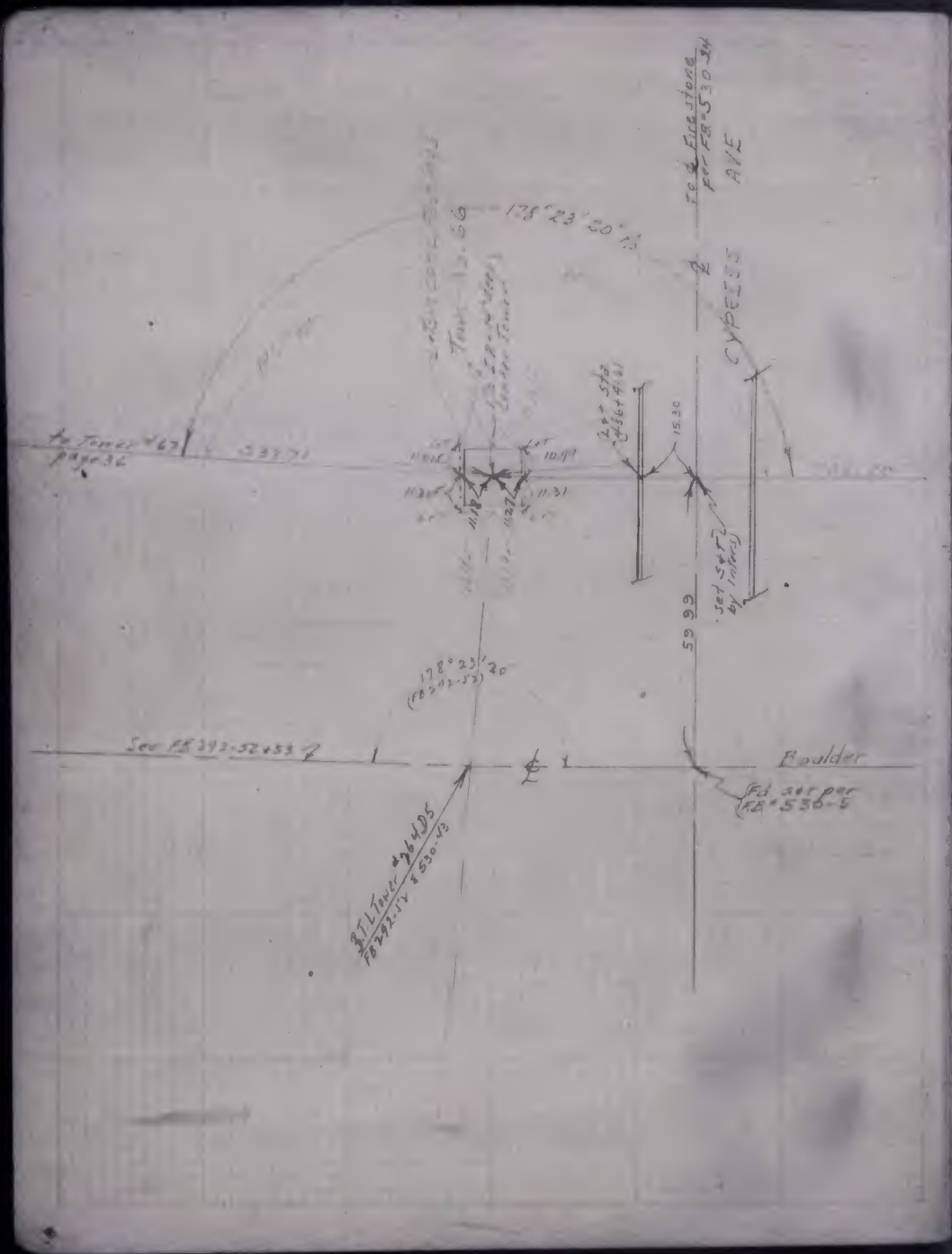


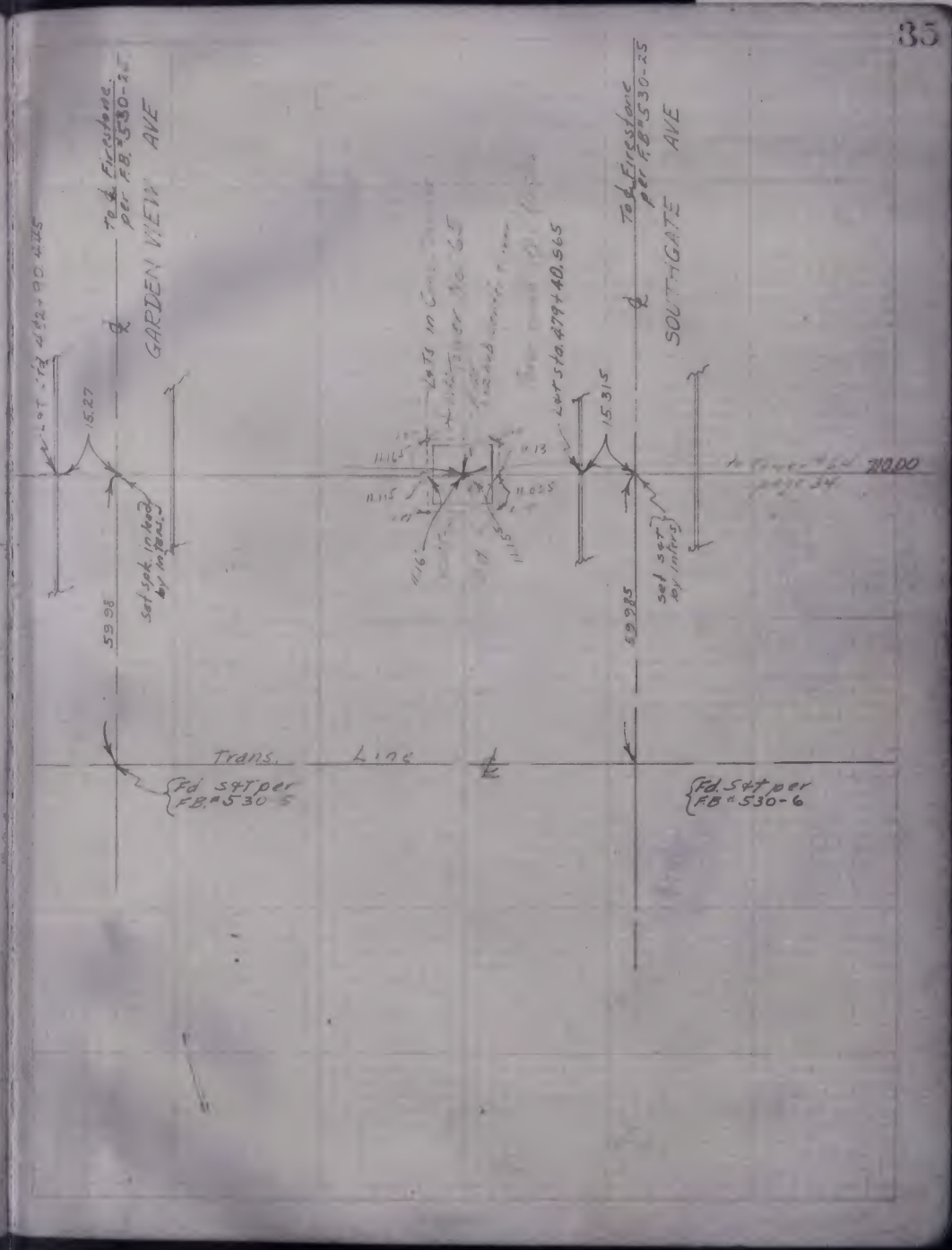
FB.1301-69

FB.1301-70

B.P.&.L.-F.B.325

35





FB.1301-71

FB.1301-72

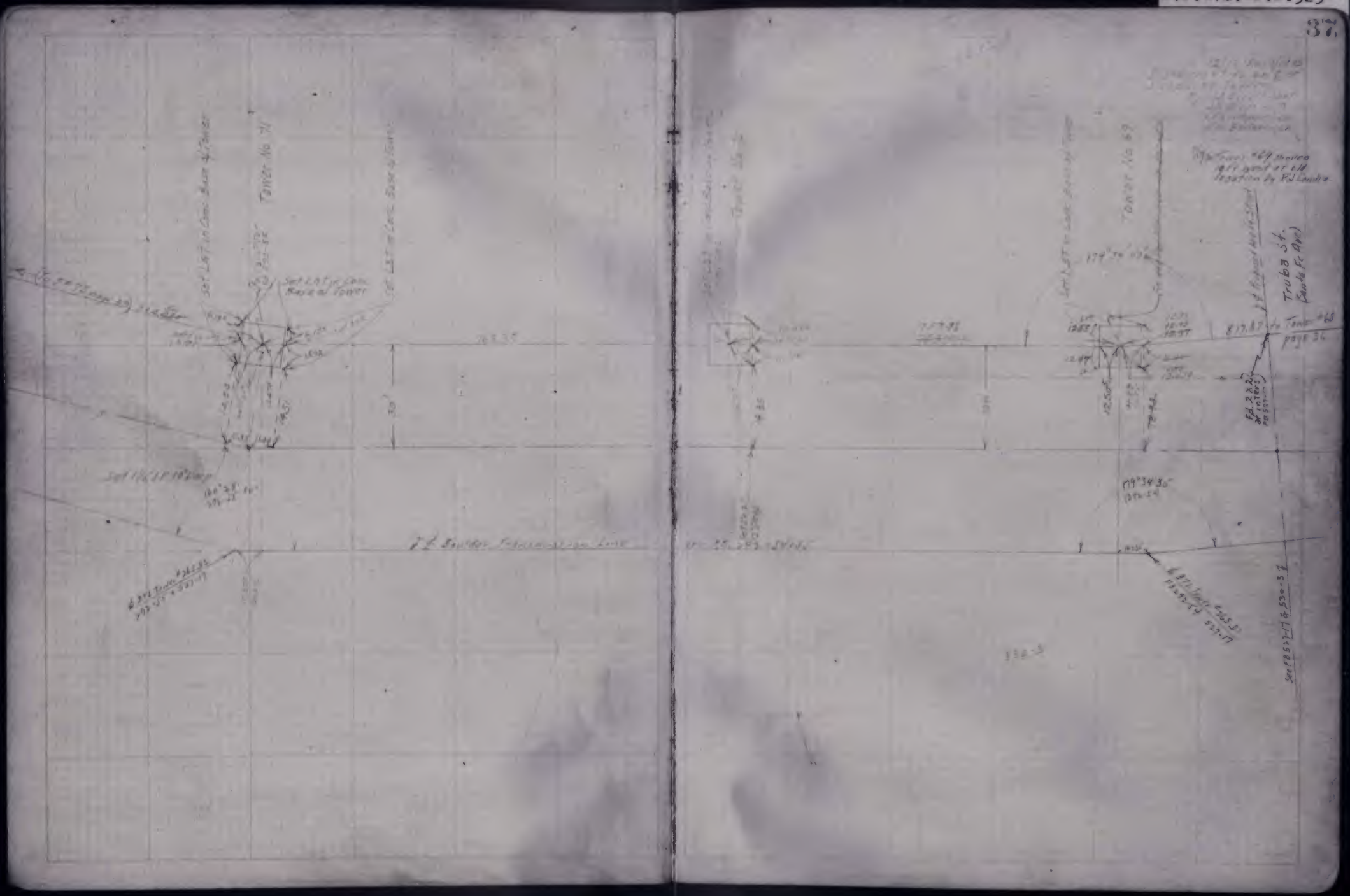
B.P.&L.-F.B.325

FB.1301-73

FB.1301-74

B.P.&.L.-F.B.325

37.

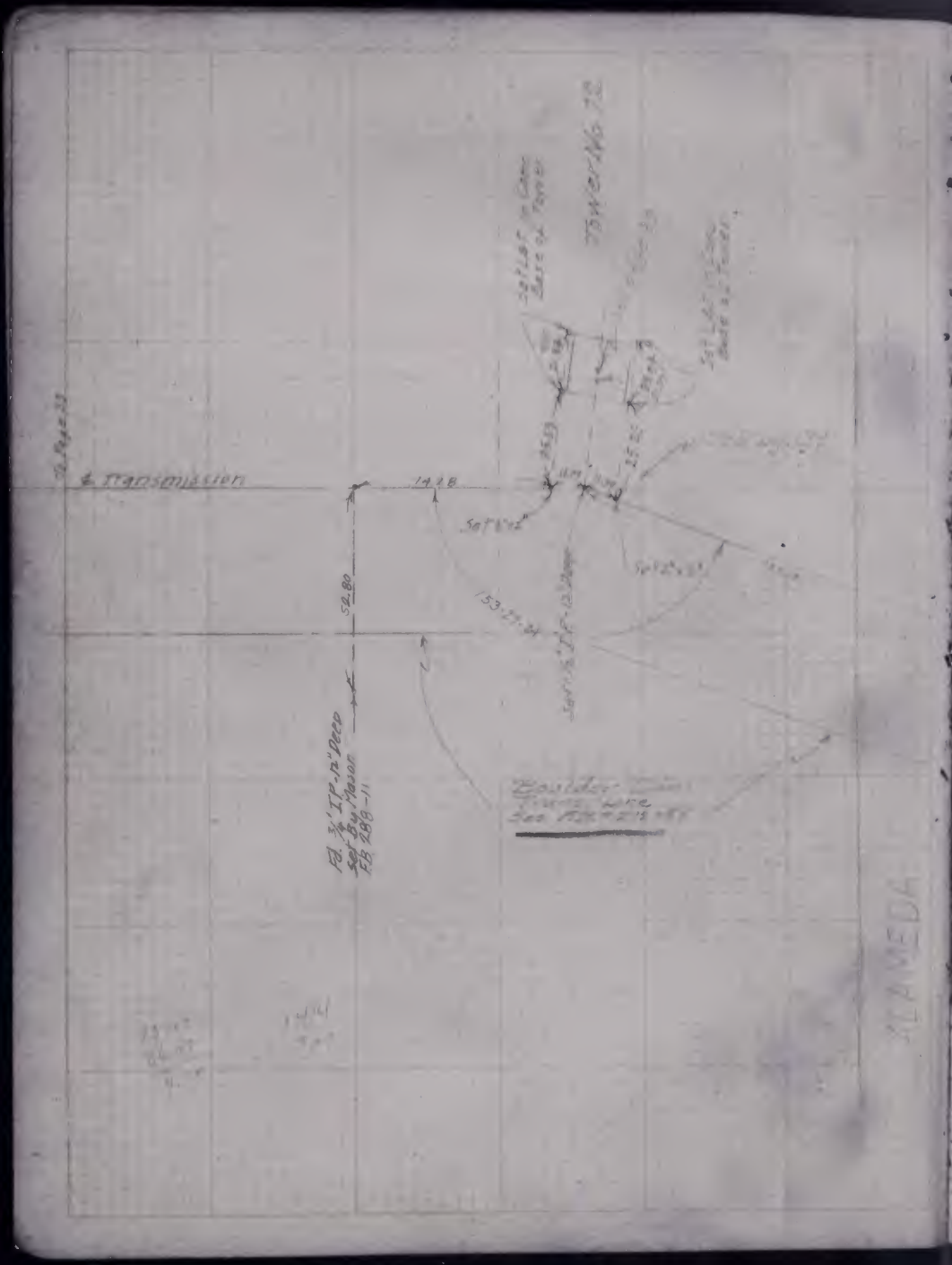


FB.1301-75

FB.1301-76

B.P.&.L.-F.B.325

38

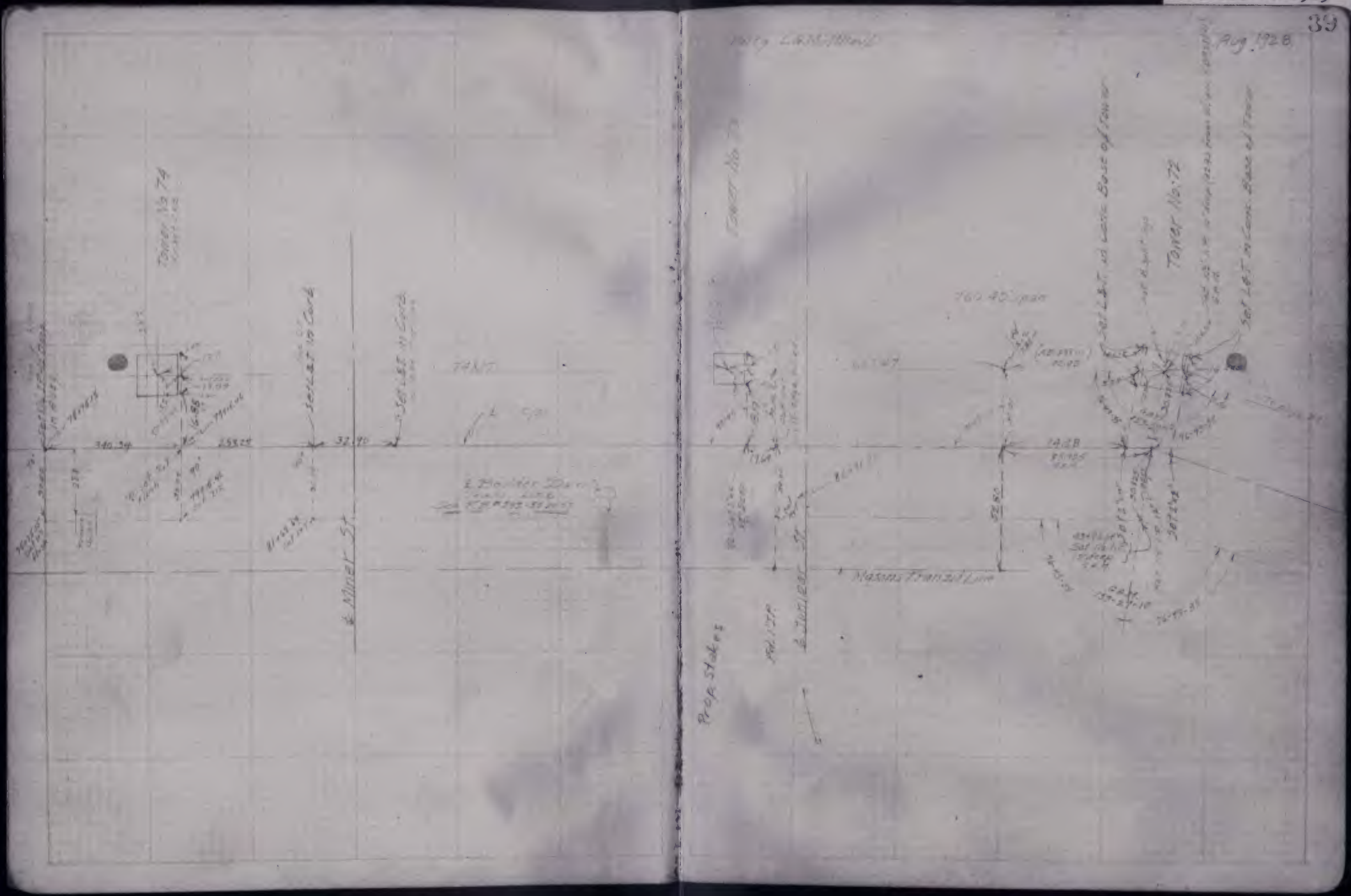


FB.1301-77

FB.1301-78

B.P.&.L.-F.B.325

39



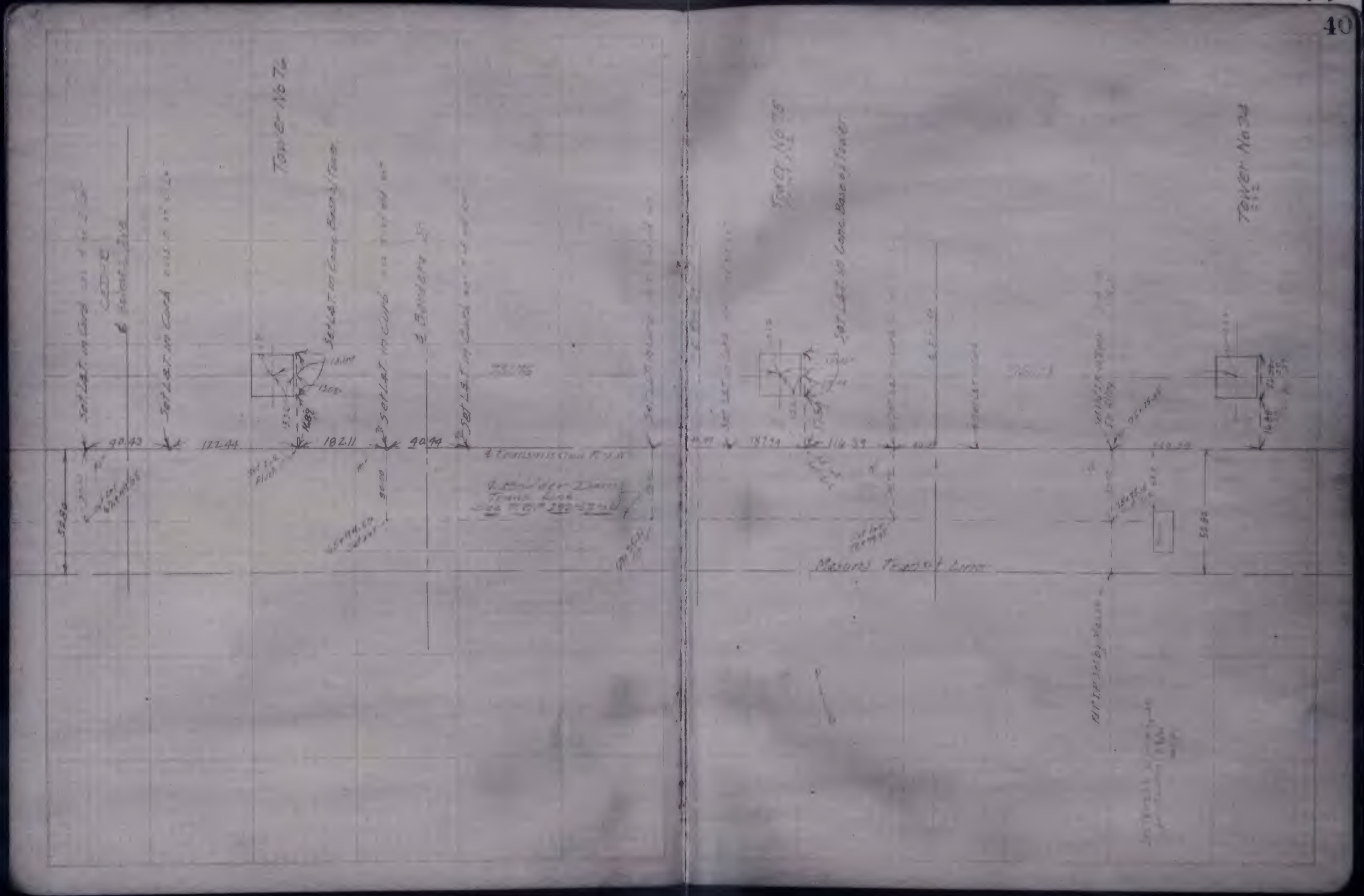
Set L&T. in Curb
CEDAR
℄ Holmes Ave.
Set L&T. in Curb
Tower No 76
Set L&T. in Conc. Base of Tower.
Set L&T. in Curb
℄ Bandera St
Set L&T. in Curb
Set L&T. in Curb
Set L&T. in Curb
Tower No 75
Set L&T. in Conc. Base of Tower.
Masons Transit Line
Set L&T. in Curb
Set 1½" I.P. Set by Mason
In Alley
Tower No 74

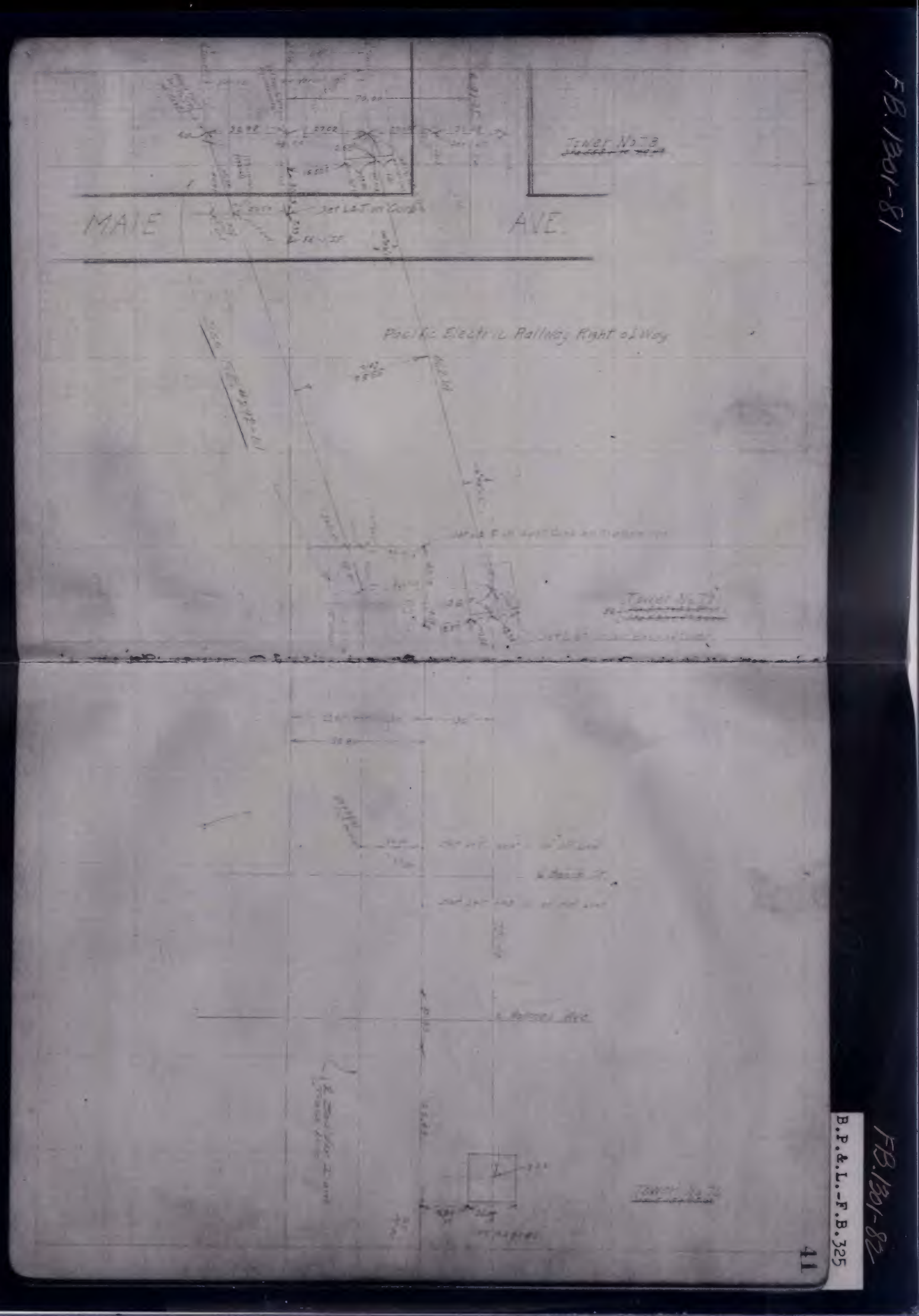
B.P.&L.-F.B.325

FB.1301-79

FB.1301-80

B.P.&.L.-F.B.325



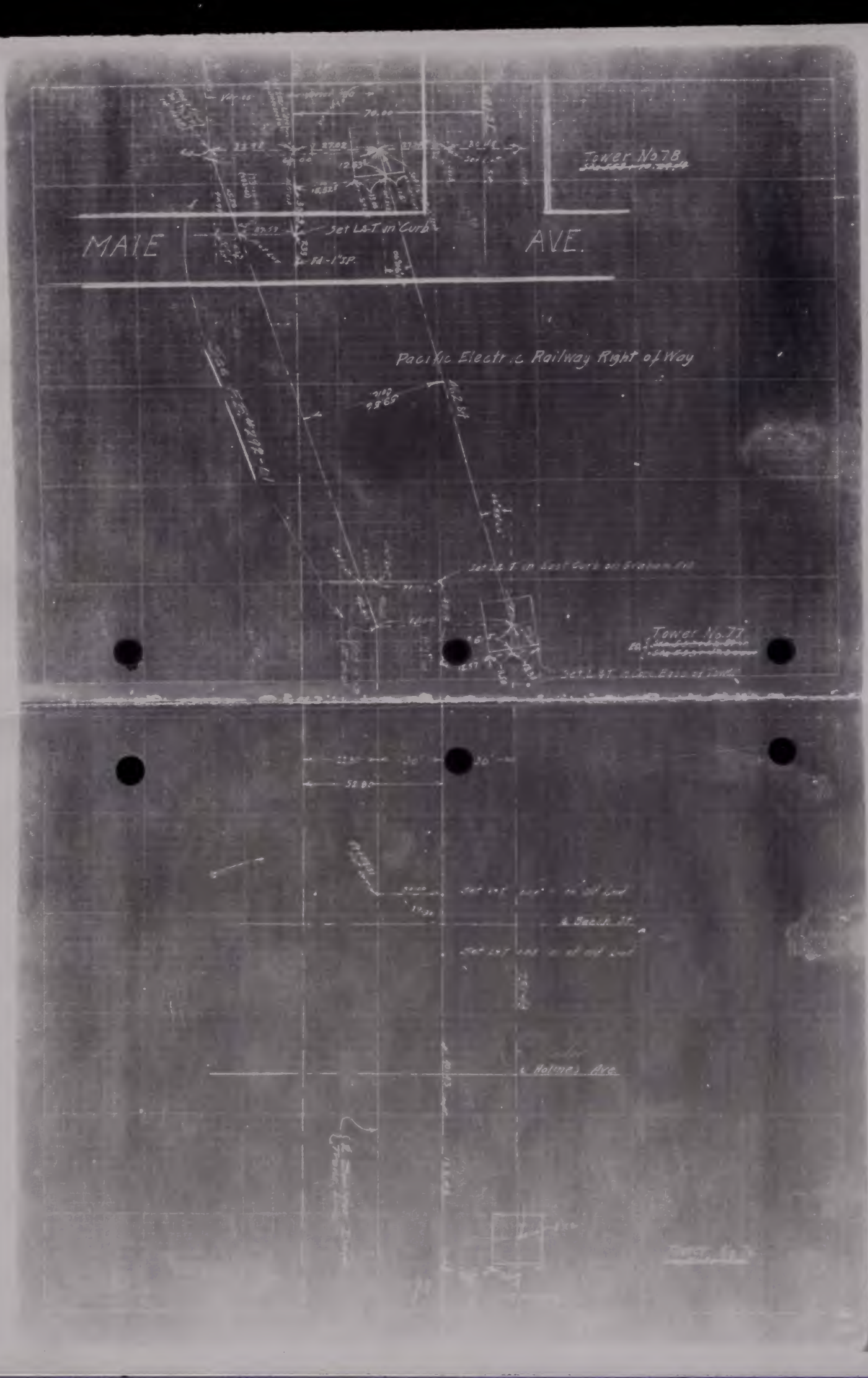


FB. 1301-81

FB. 1301-82

B.P.&L.-F.B.325

41

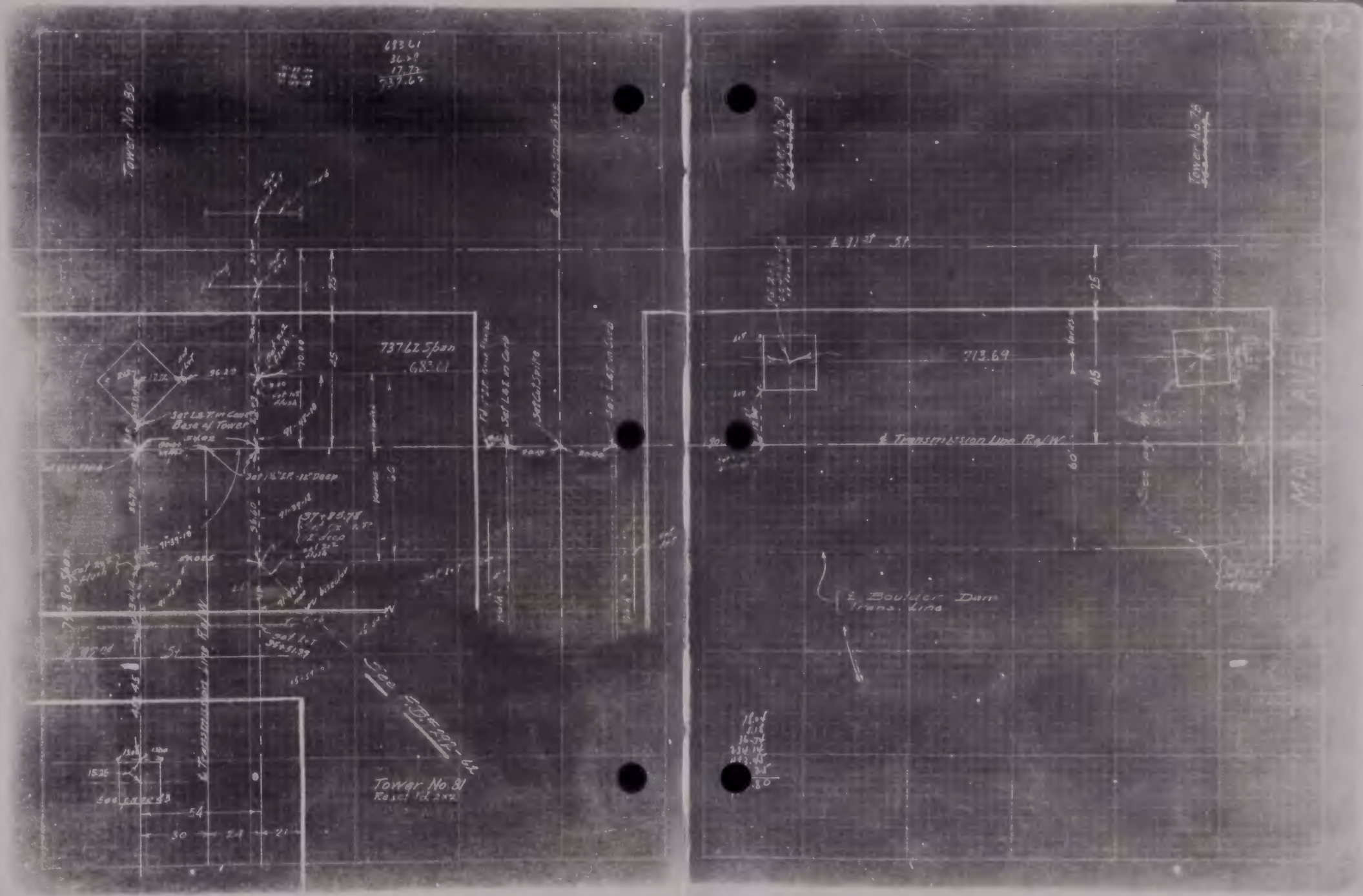

Tower No 78
MAIE
AVE.
Set L & T in Curb
Pacific Electric Railway Right of Way
Tower No 77
Holmes Ave

B.P.&L.-F.B.125

FB.1301-83

FB.1301-84

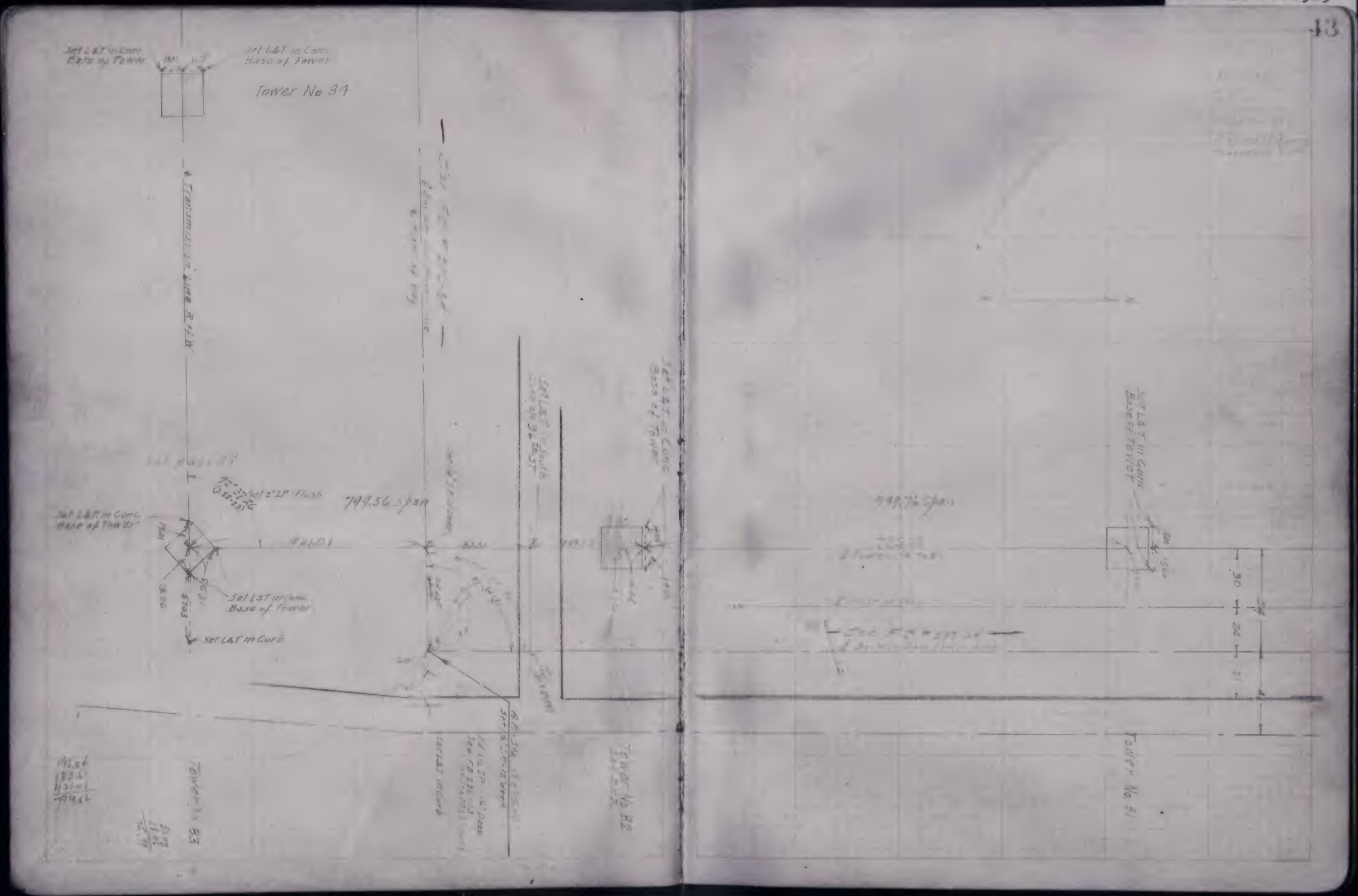
B.P.&L.-F.B.325


Tower No. 80
737.62 Span
683.61
Set L.&T. in Conc. Base of Tower
Set 1½" I.P. - 12" Deep
Set L.&T. in Curb
Set Cut Spike
Set L.&T. in Curb
Tower No. 81
Reset Fd. 2x2
Tower No. 79
Tower No. 78
713.69
℄ Transmission Line R.o.W.
℄ Boulder Dam Trans. Line
See F.B. #292-62

FB.1301-85

FB.1301-86

B.P.&L.-F.B.325

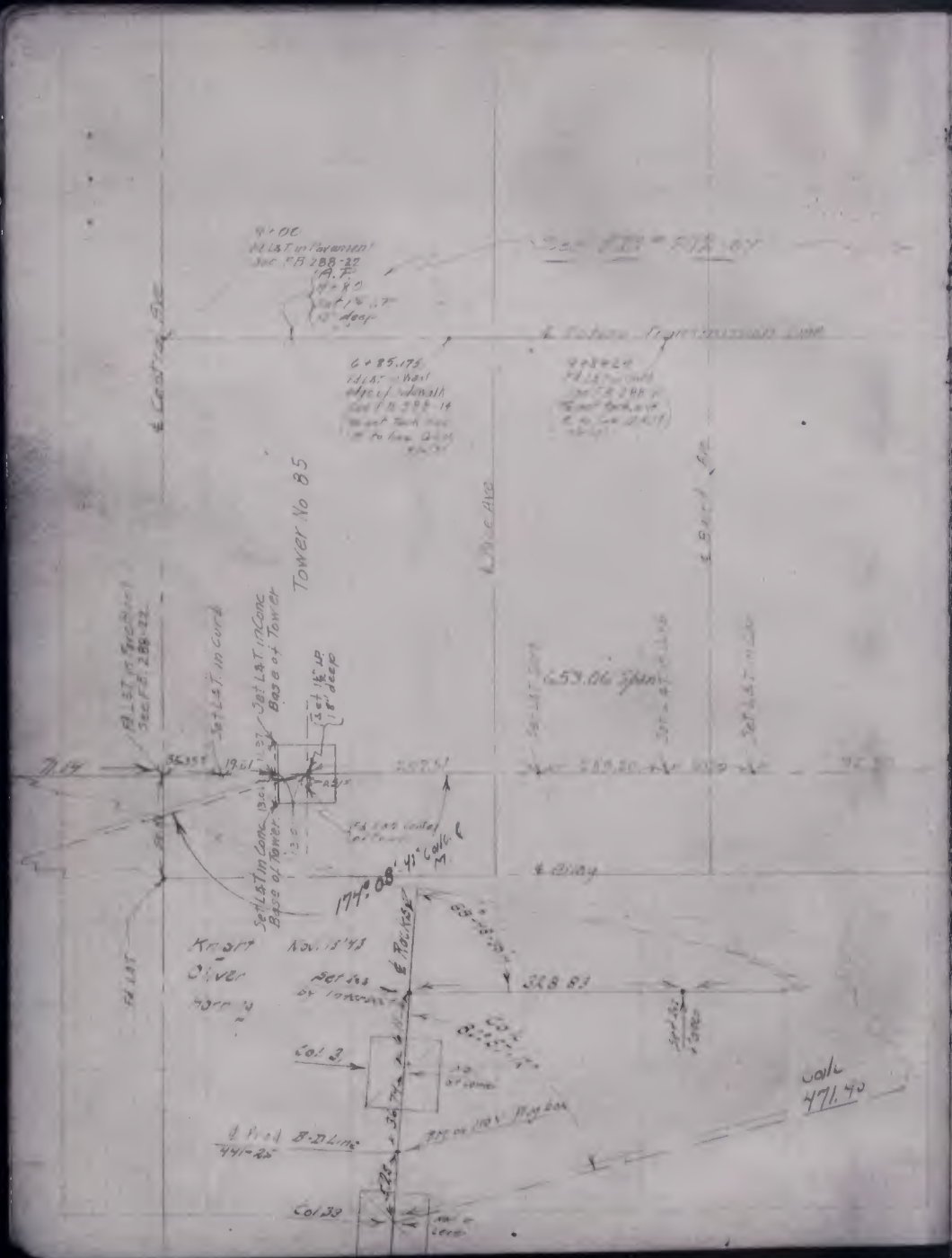


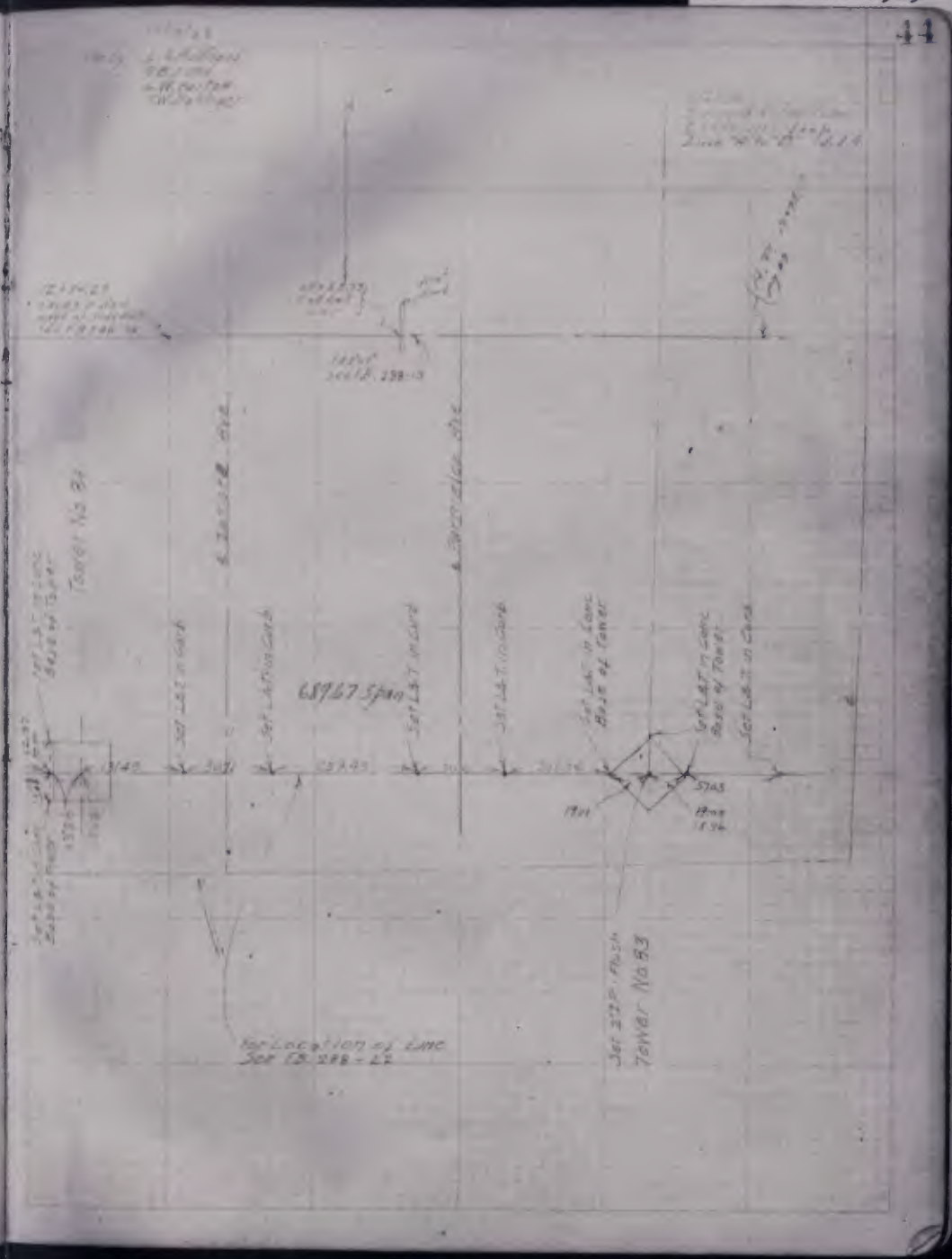
FB.1301-87

FB.1301-88

B.P.&.L.-F.B.325

44

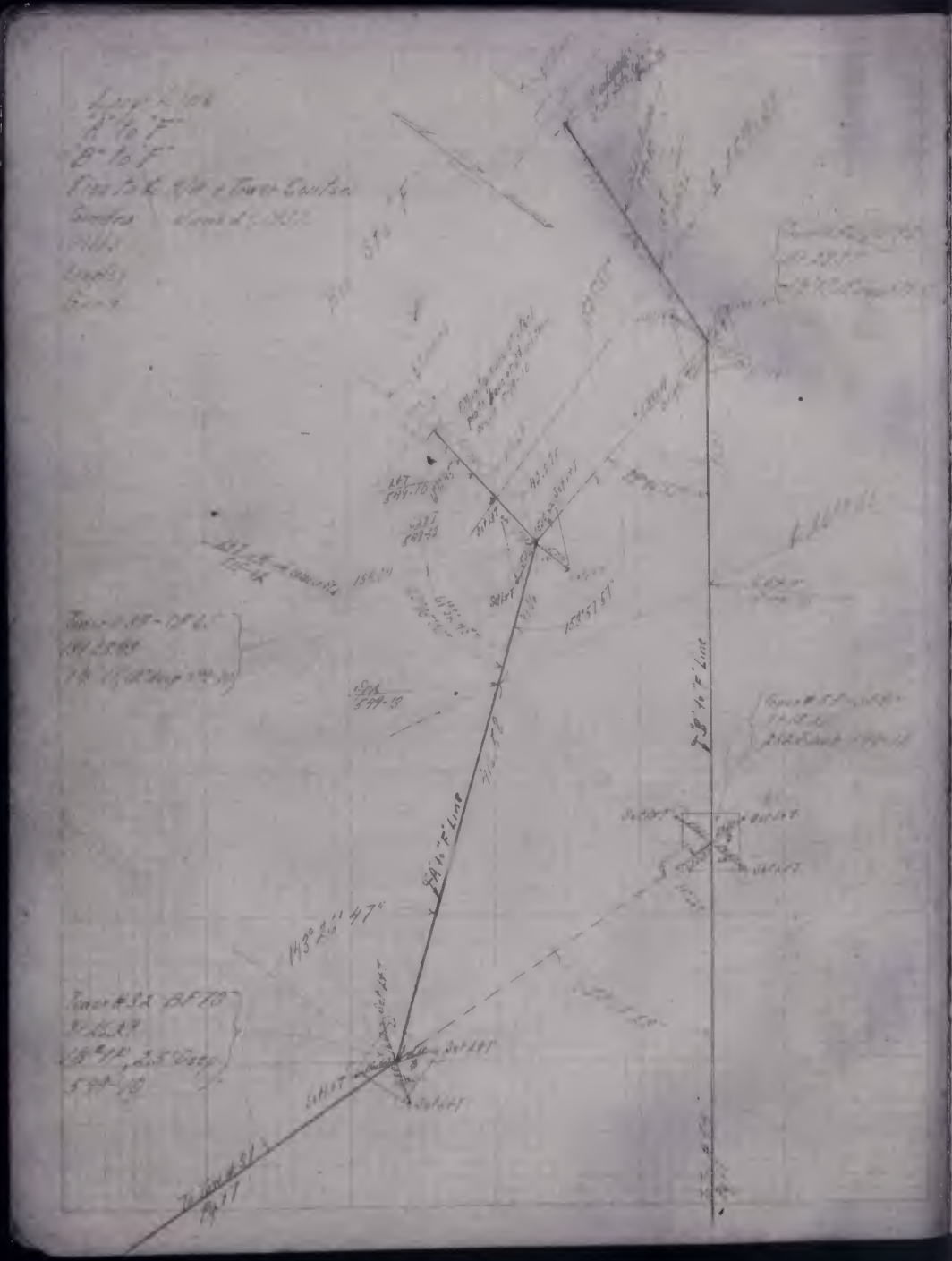




FB.1301-89

FB.1301-90

B.P.&.L.-F.B.325



LOOP LINE
"B" TO "C"

TIES TO ℄ RIGHT-OF-WAY & TOWER CENTERS

L.G. Mattison
C.R. Field
J.W. Barton
F.W. Ballinger
Sept.-Nov. 1928
Feb.-April 1929

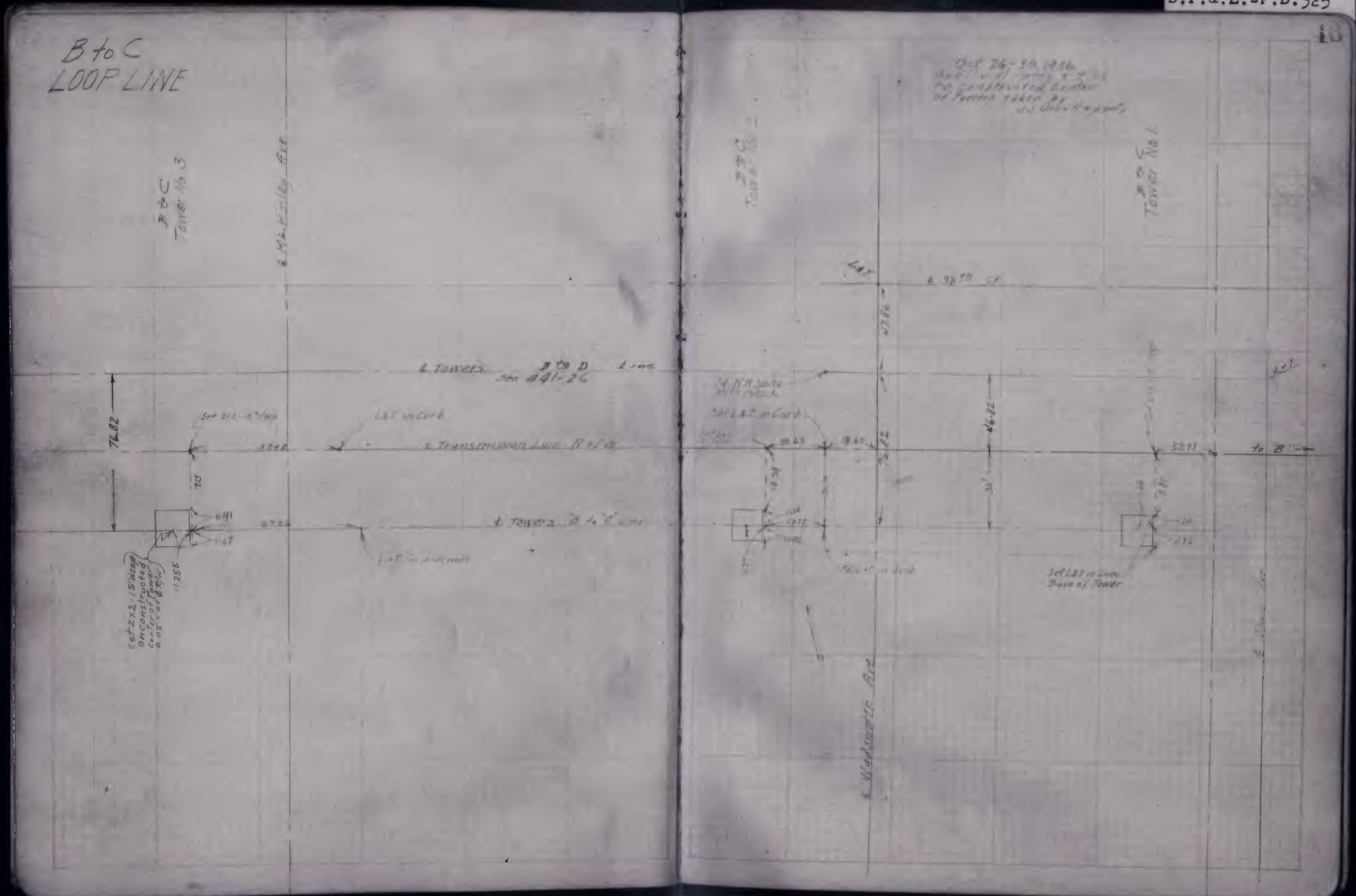
W.C. Mason
J.J. Orcutt
J.F. Oliver
J.F. Lundgren
April-May 1931

J.J. Orcutt
J.F. Oliver
J.W. Barton
J.F. Lundgren
F.W. Ballinger
Oct.-Nov. 1936

FB.1301-91

FB.1301-92

B.P.&.L.-F.B.325



FB.1301-93

FB.1301-94

B.P.&L.-F.B.325

Party L.G. Multhauf
O.B. Field
G.W. Barlow
F.W. Ballinger

Feb 1929

for B to D Line see 441-27

℄ Stanford St.

179°-52'-53"

℄ 98th St.

Varies

2"18 per 441-27

B to D Line

per 441-27
90-19-31

46.82

30

Set 2"x2"x12" Deep

Set L&T in Conc. Base of Tower

℄ Tower B to C Line

to B

90-19-31

B to C
Tower No 4

B to C Line

B to C
Tower No 3
see page 46

Set L&T in Conc. Base of Tower

B to C
Tower No 5
see page 48

10.99 10.99

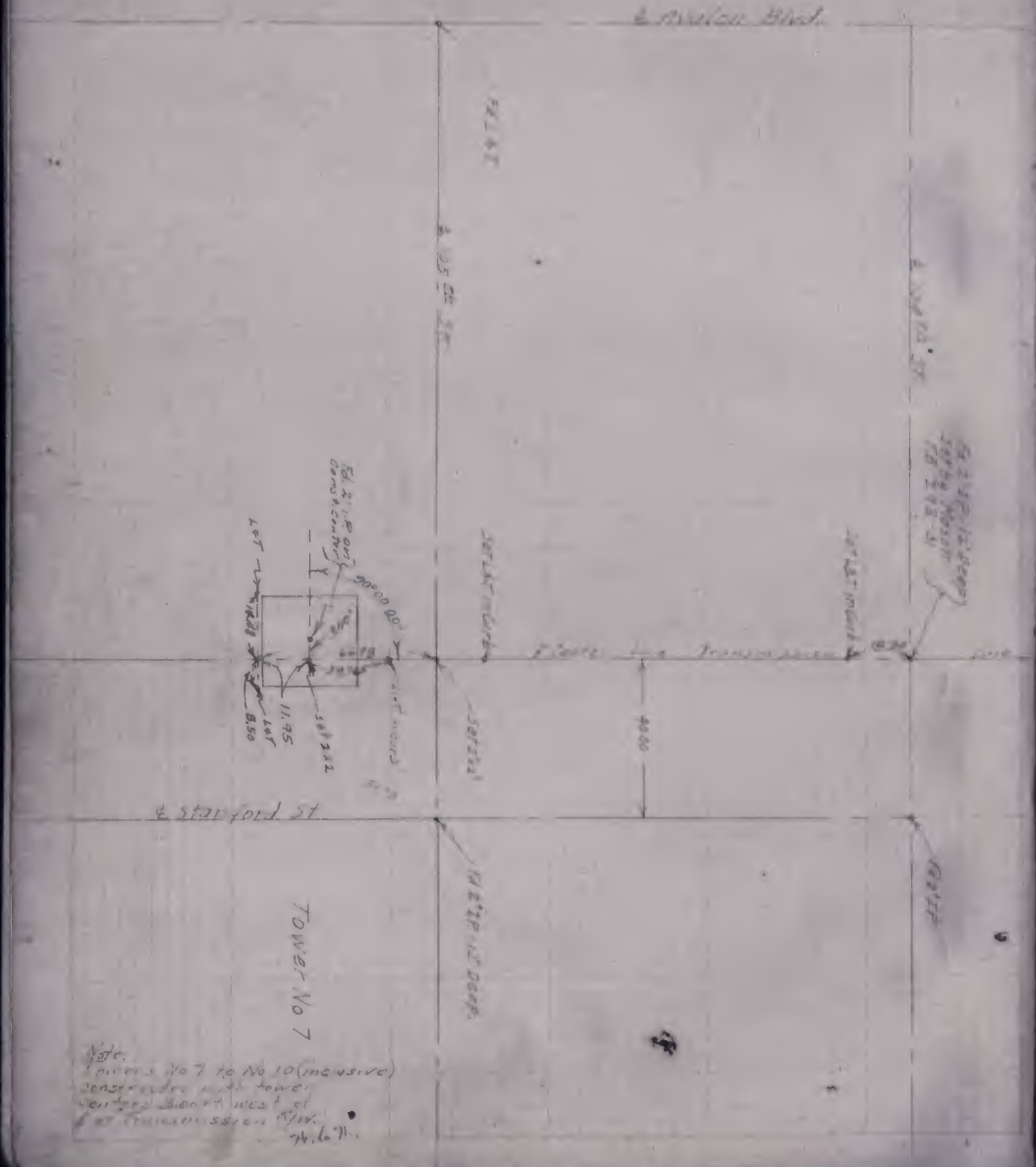
Set L&T in Conc. Base of Tower

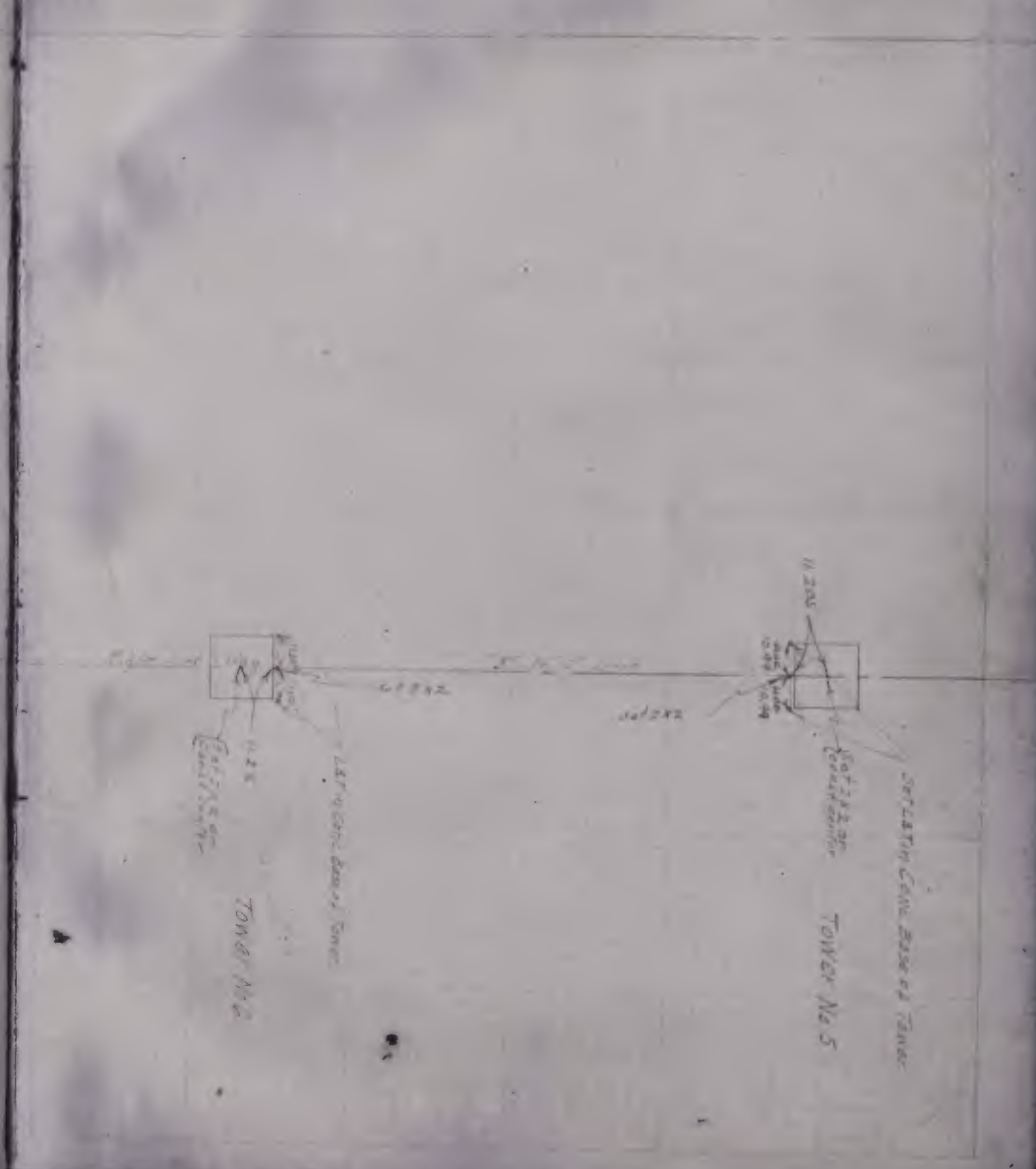
FB1301-95

FB.1301-96

B.P.&L.-F.B.325

Additional Notes & ties
on constructed center of
towers taken by
J.J. Orcutt & party

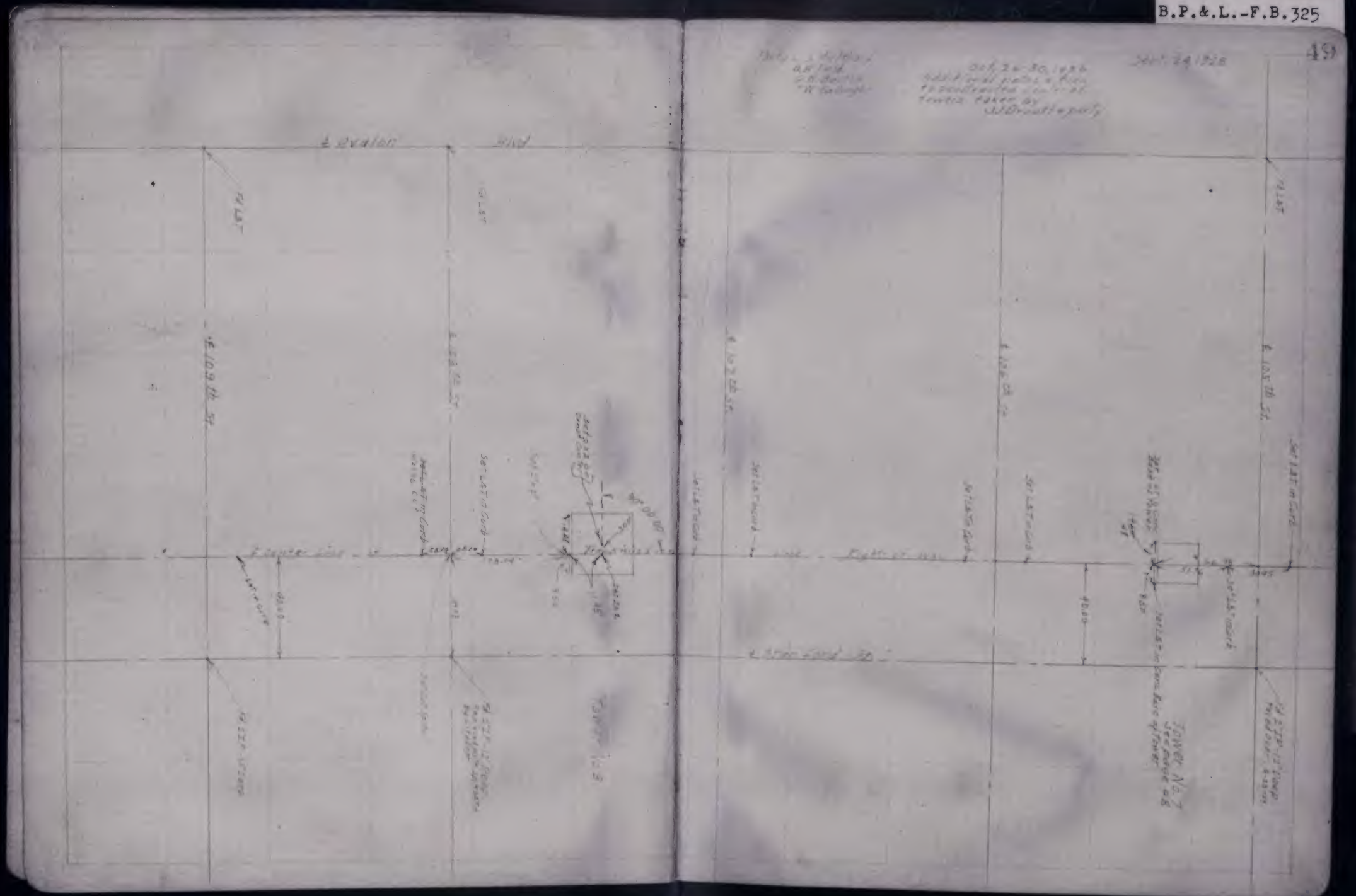




FB.B01-97

FB.B01-98

B.P.&.L.-F.B.325

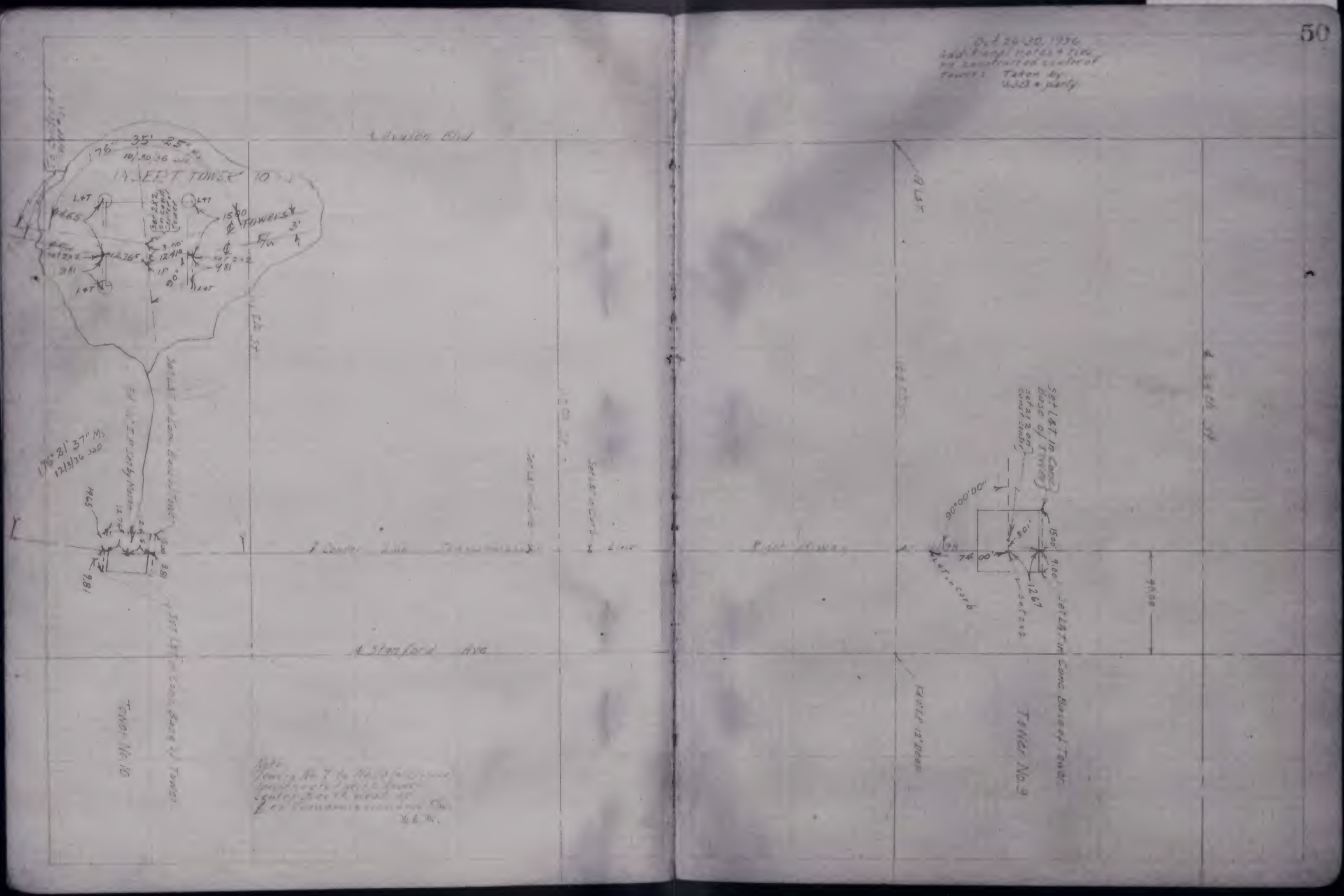


FB.1301-99

FB.1301-100

B.P.&.L.-F.B.325

50

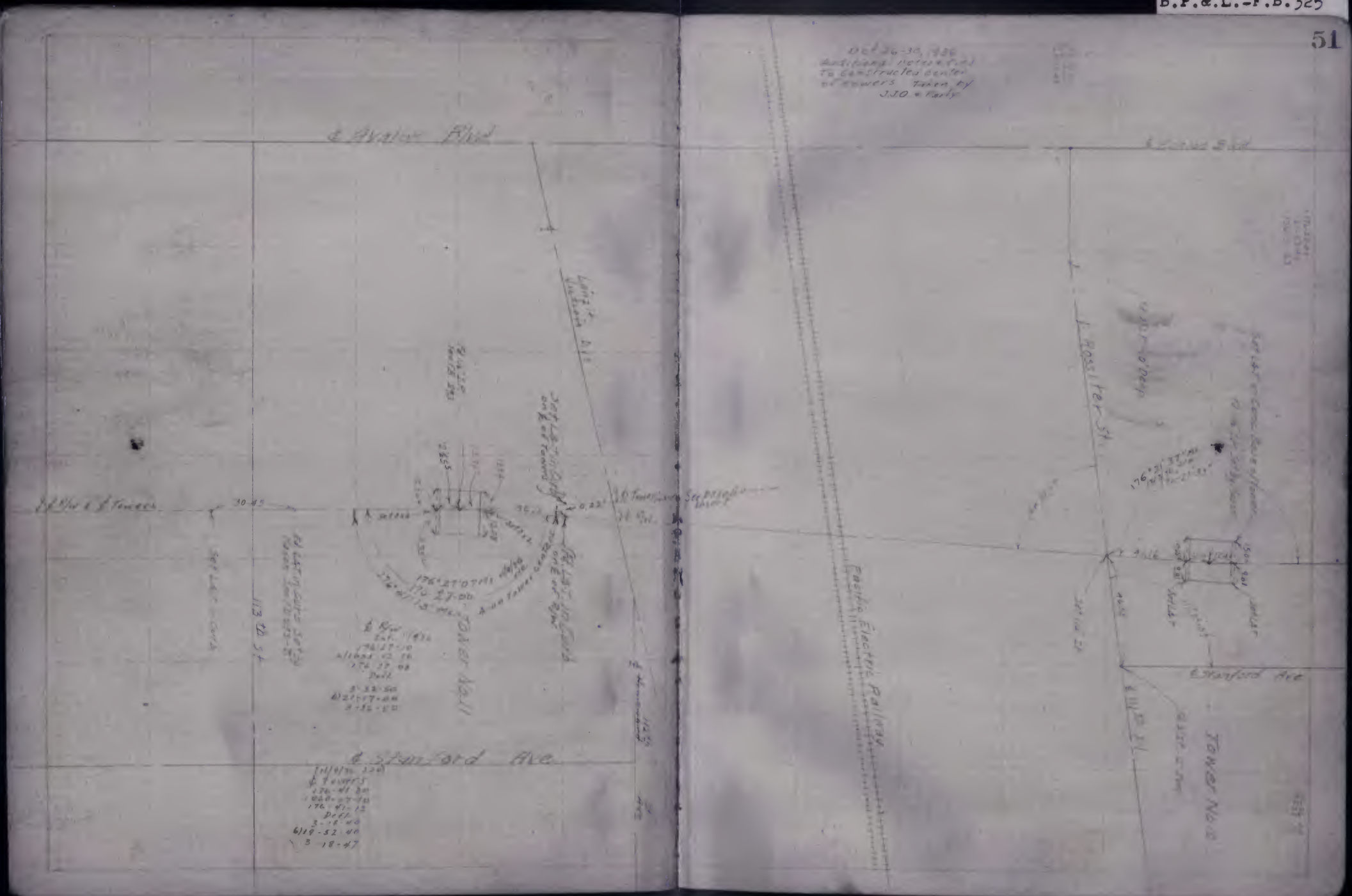


FB.1301-101

FB.1301-102

B.P.&.L.-F.B.325

51



FB 1301-103

FB. 1301-104

B.P.&L.-F.B.325

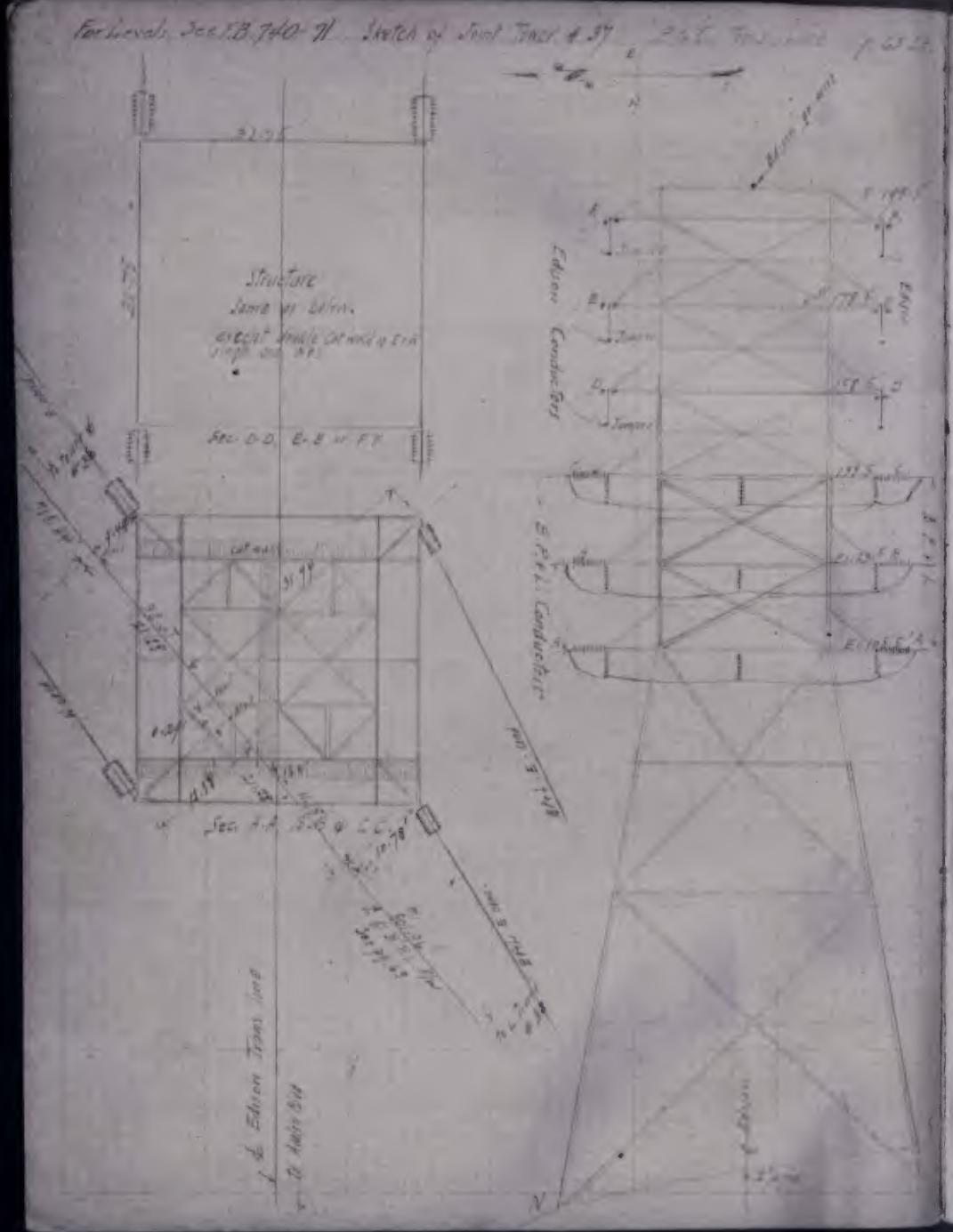
32

FB.1301-115

FB.1301-116

B.P.&.L.-F.B.325

58

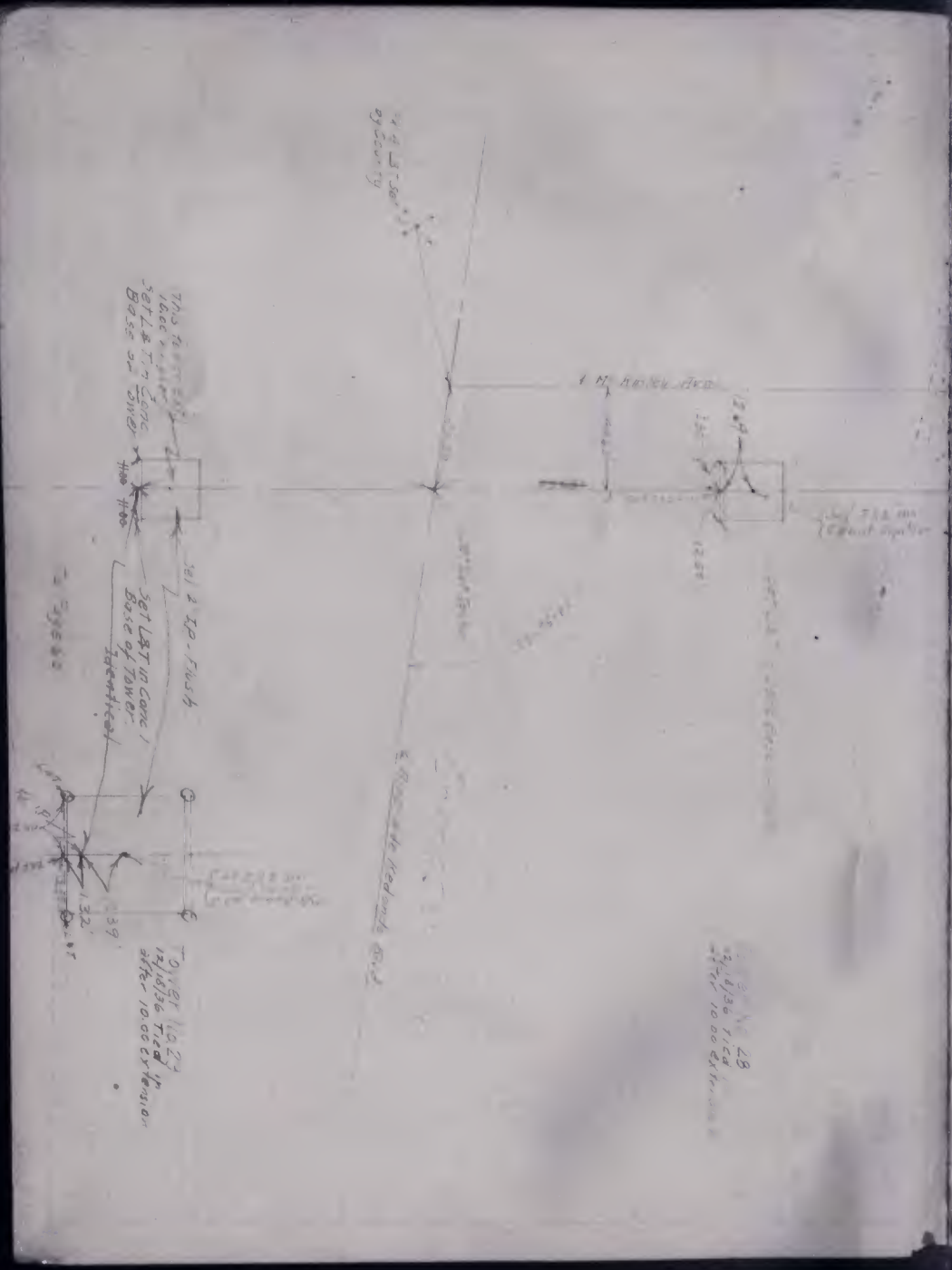


FB.1301-117

FB.1301-118

B.P.&L.-F.B.325

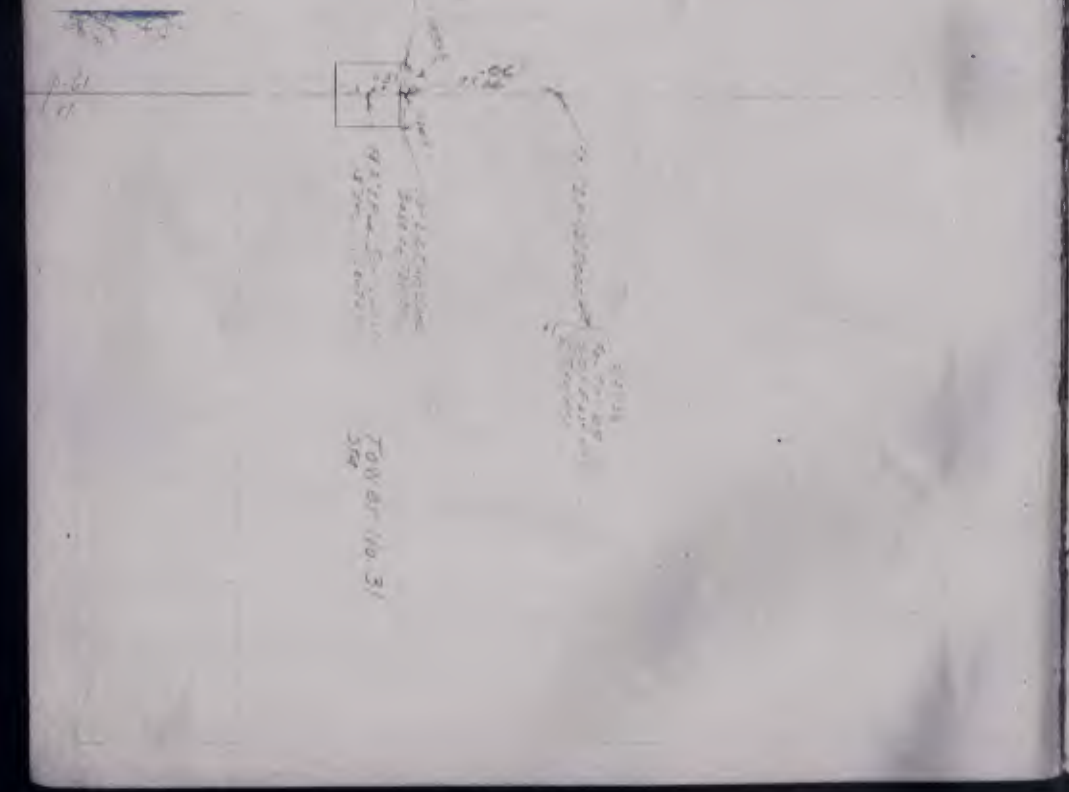
59



FB.1301-119

FB.1301-120

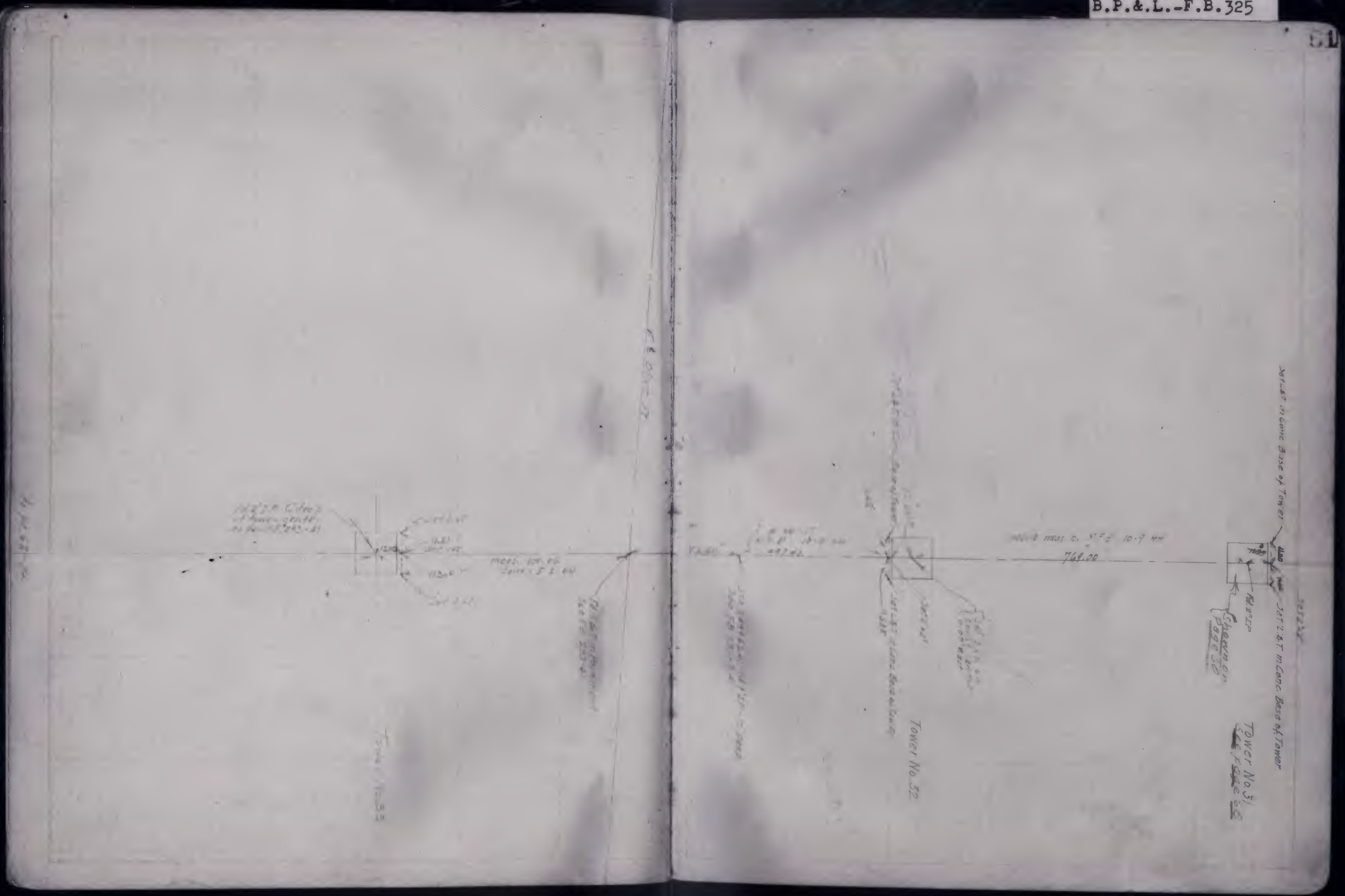
B.P.&.L.-F.B.325



FB.1301-121

FB.1301-122

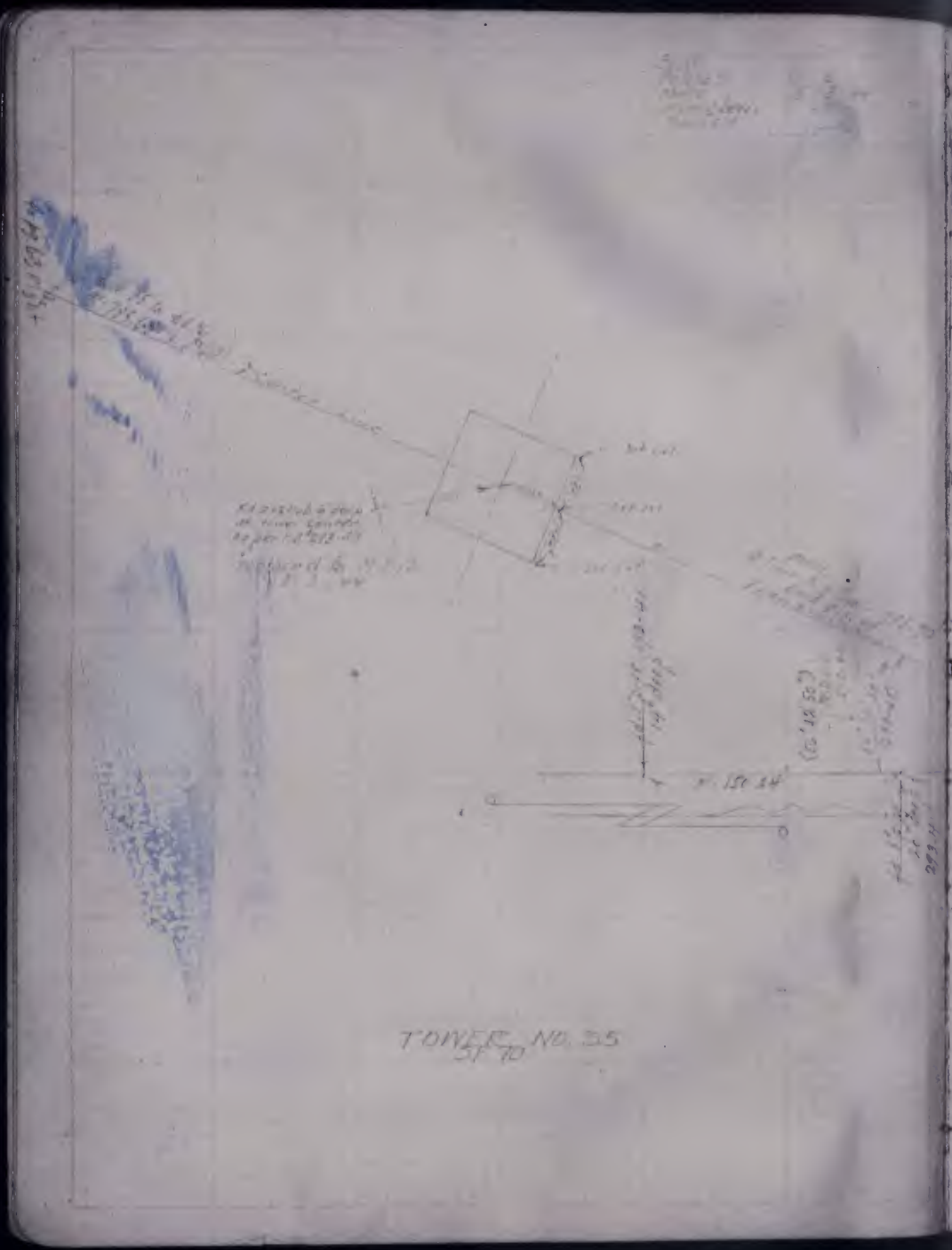
B.P.&.L.-F.B.325



FB.1301-123

FB.1301-124

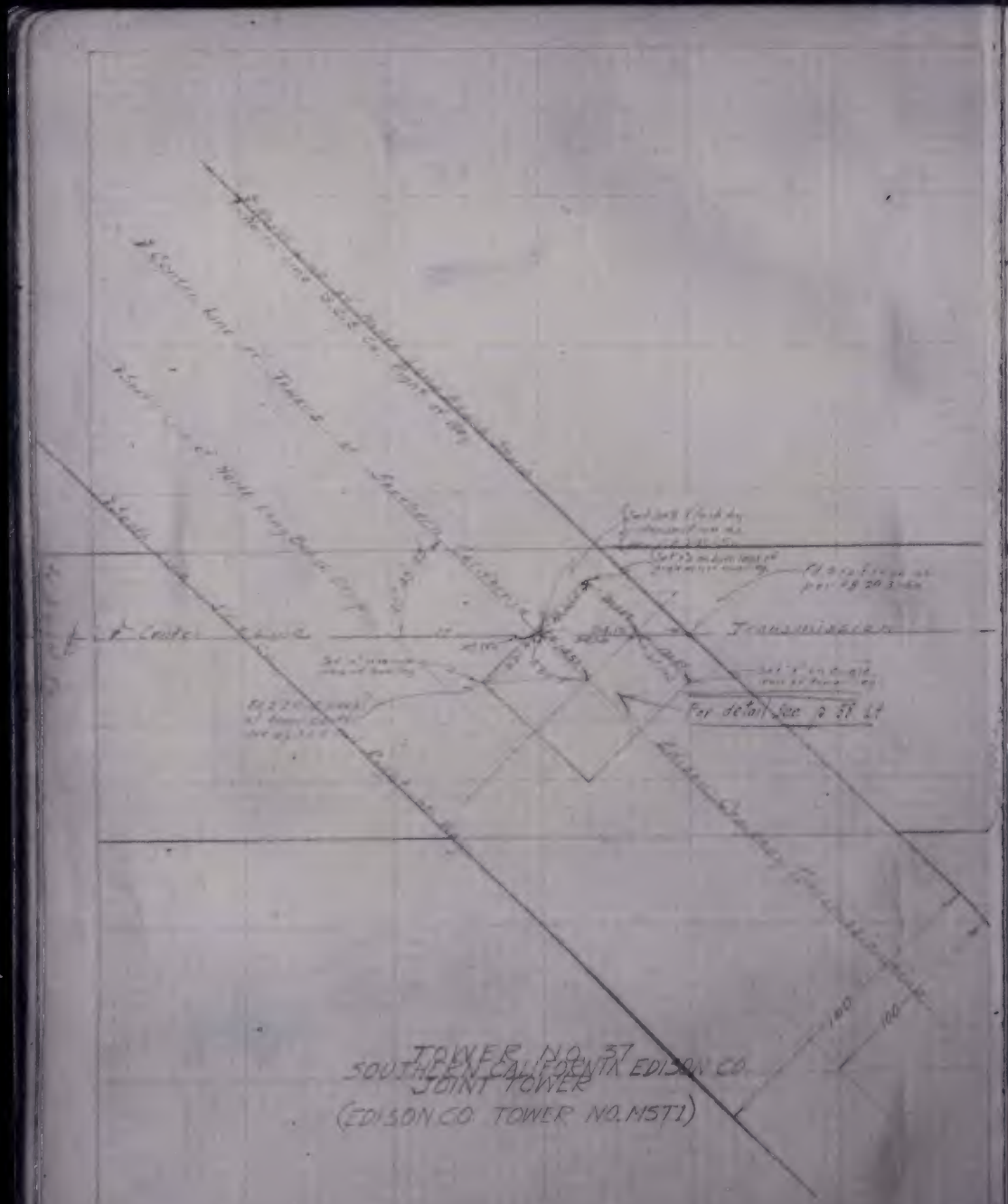
B.P.&L.-F.B.325

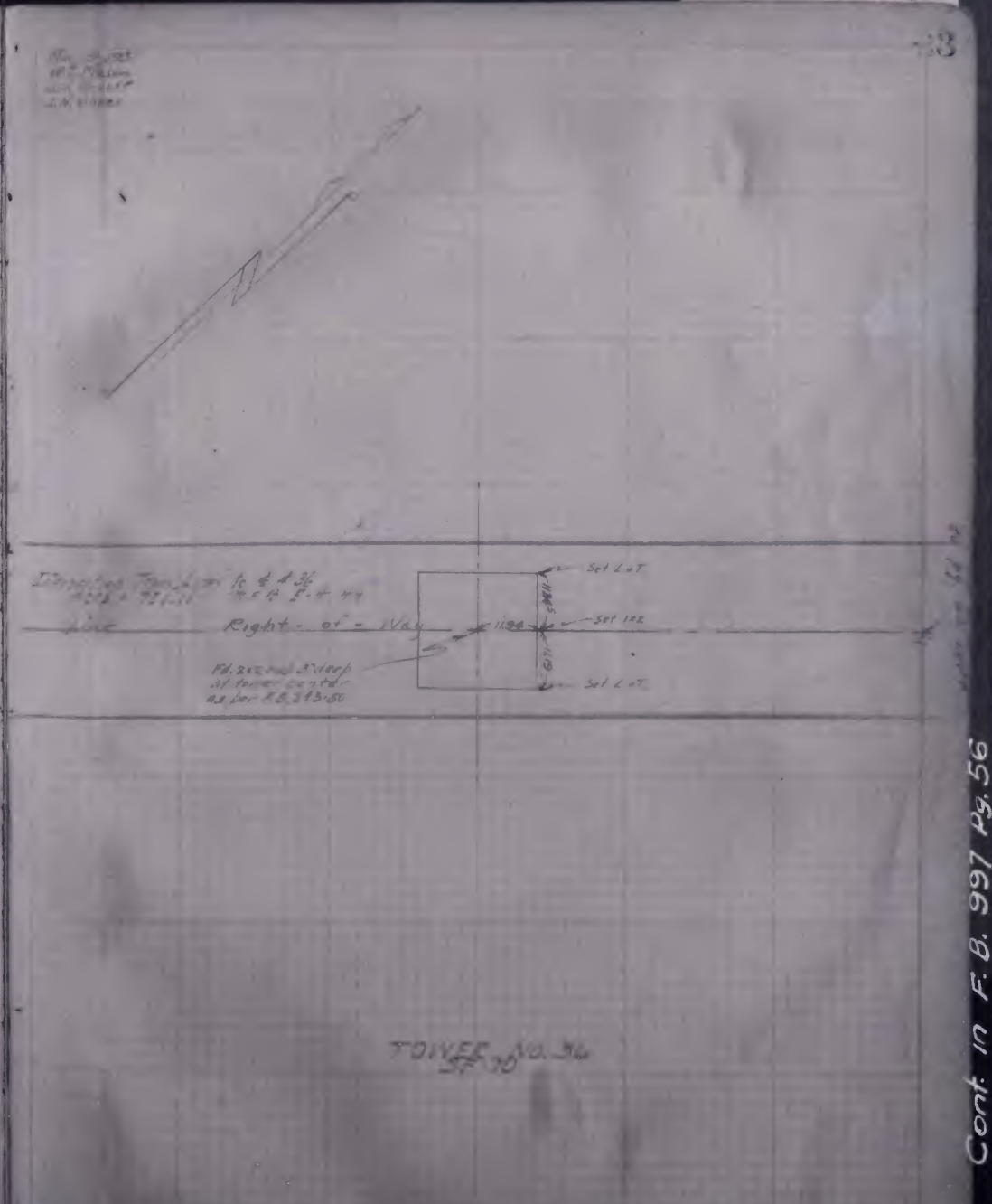


FB.1301-125

FB 1301-126

B.P.&.L.-F.B.325





Cont. in F.B. 997 Pg. 56