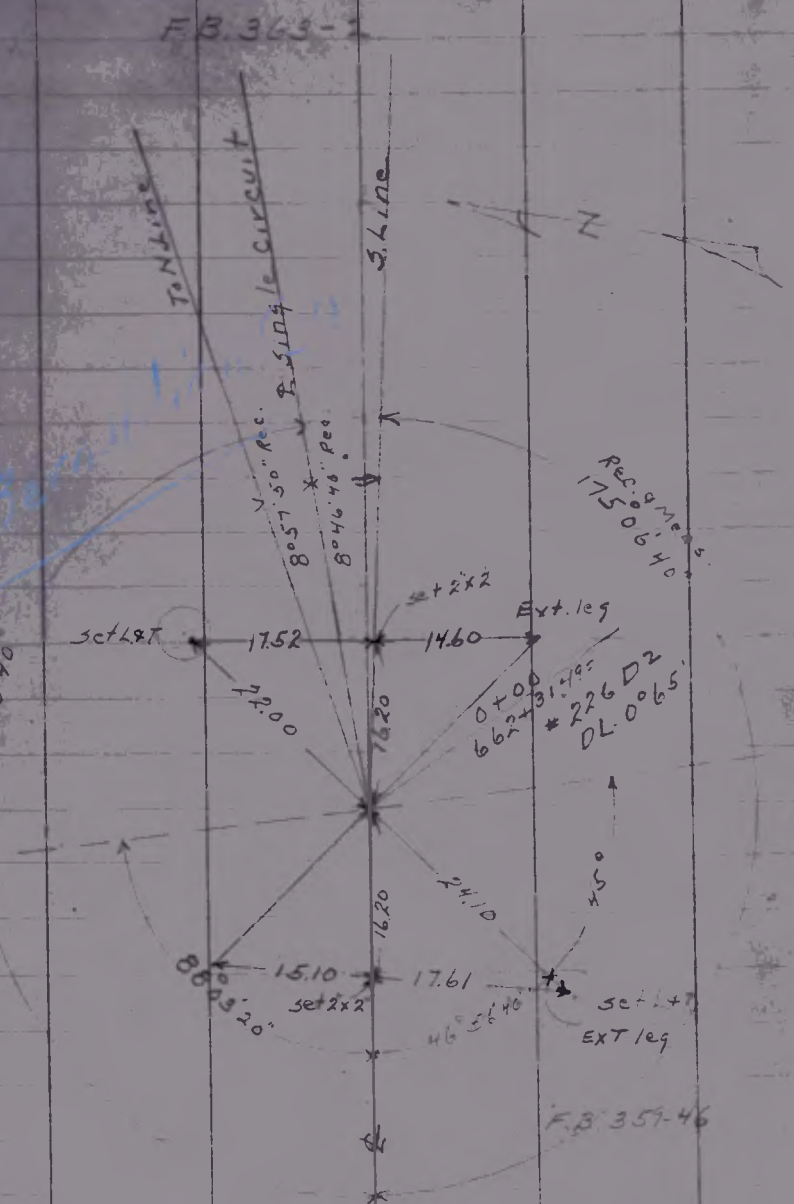
F.B. 999-5

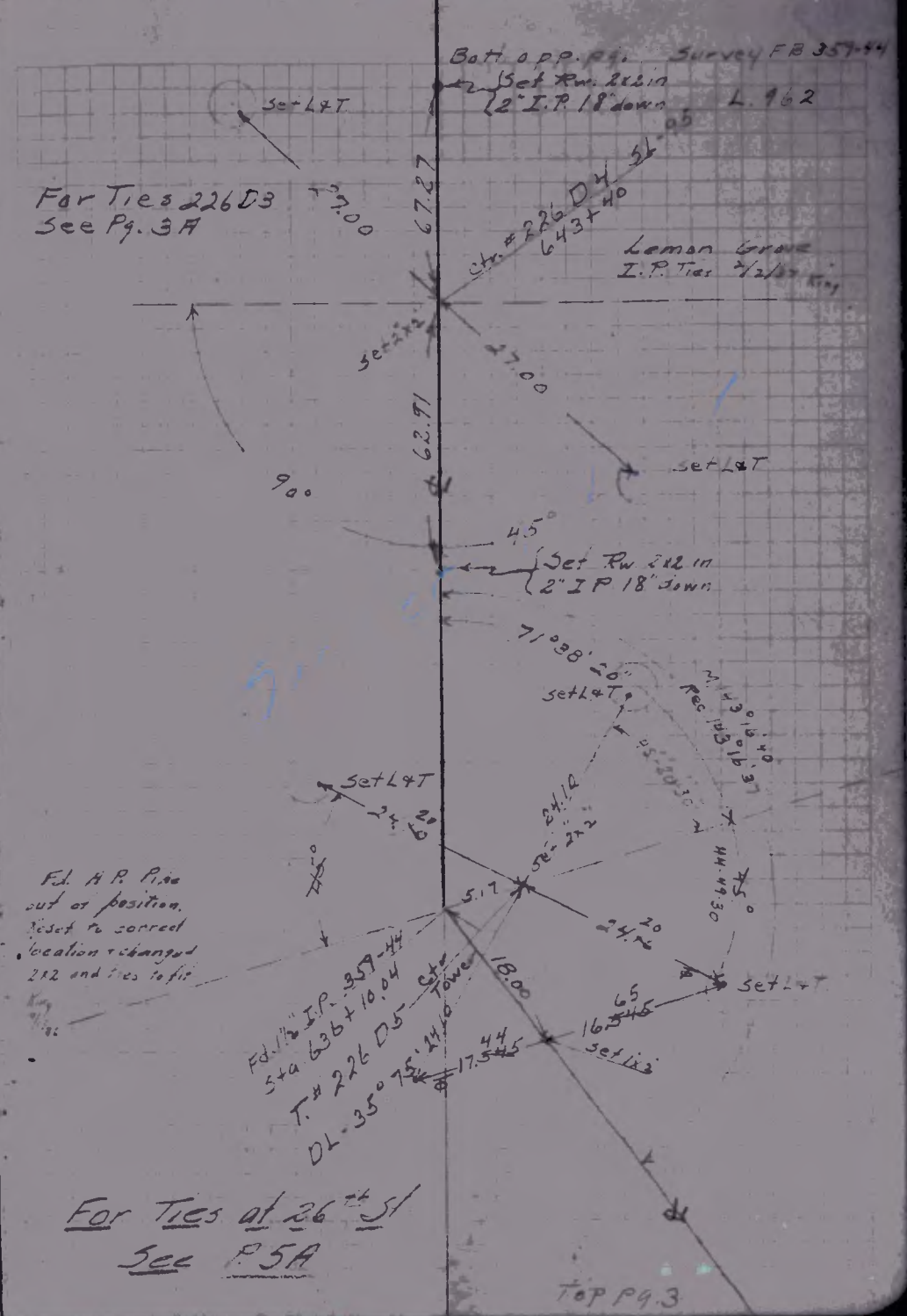
& Ties Cont'd. FB 324-73



For Survey
F.B. 999-2

533

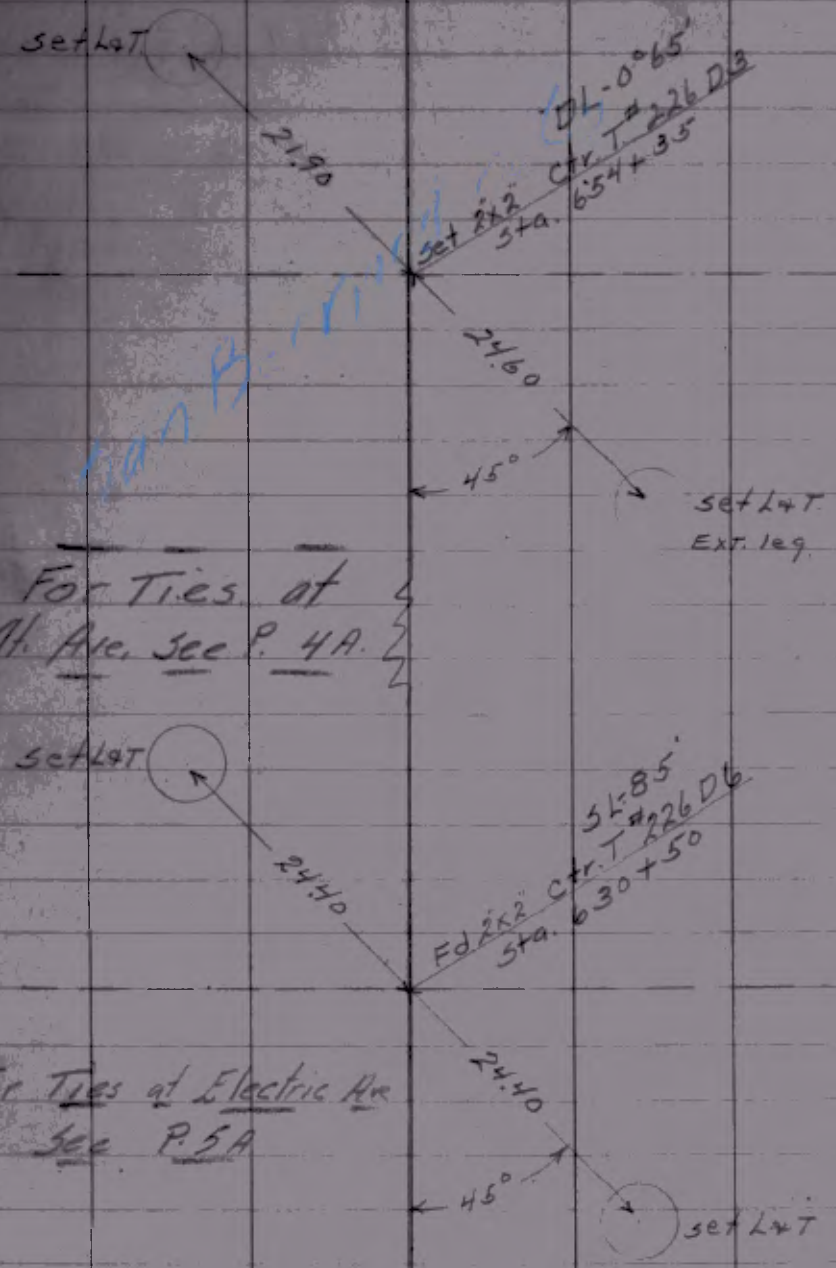
F.B. 999-6 (2)



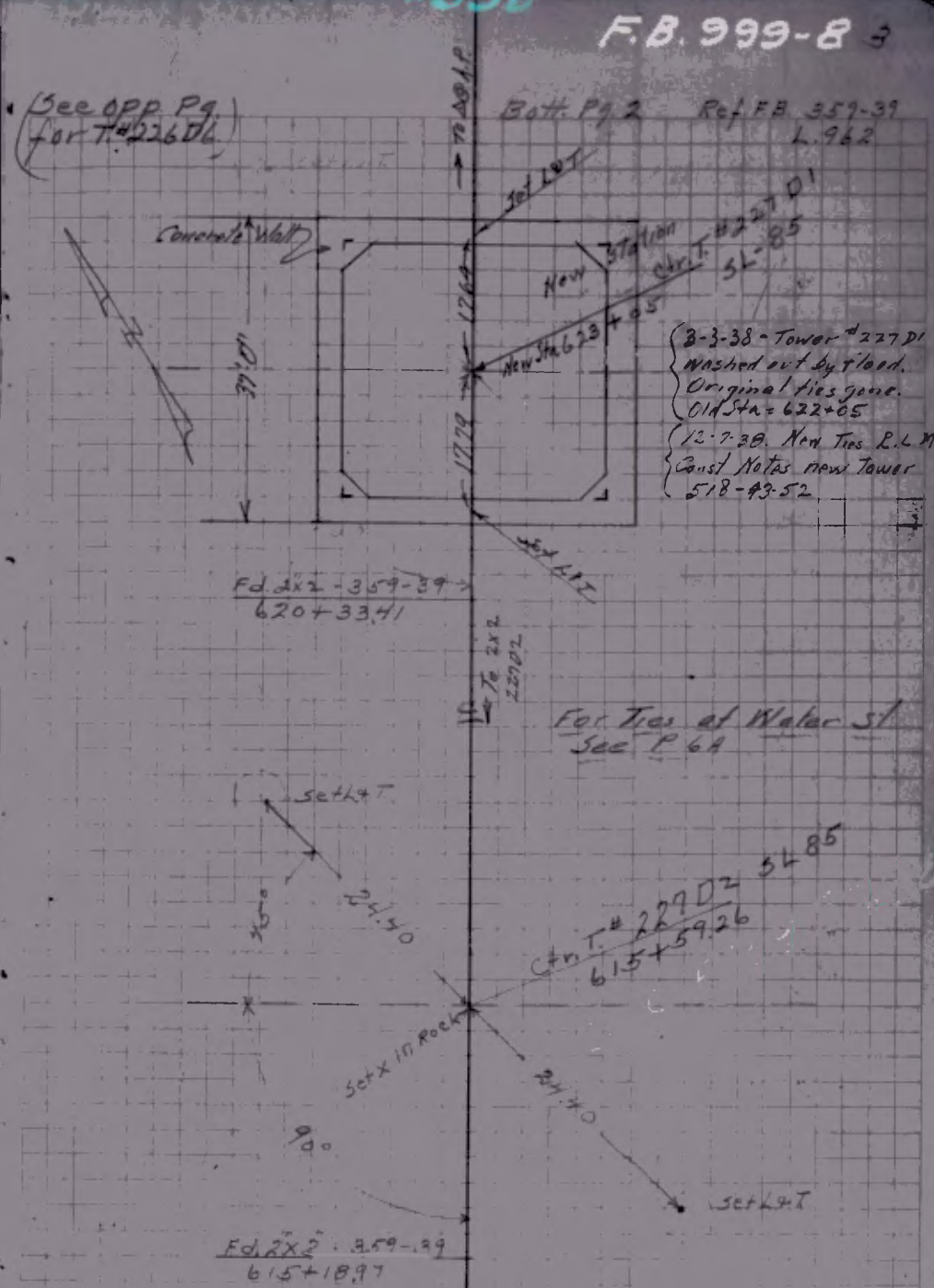
For Ties at 26 th St
See P.5A

F.B. 999-7

(3A)

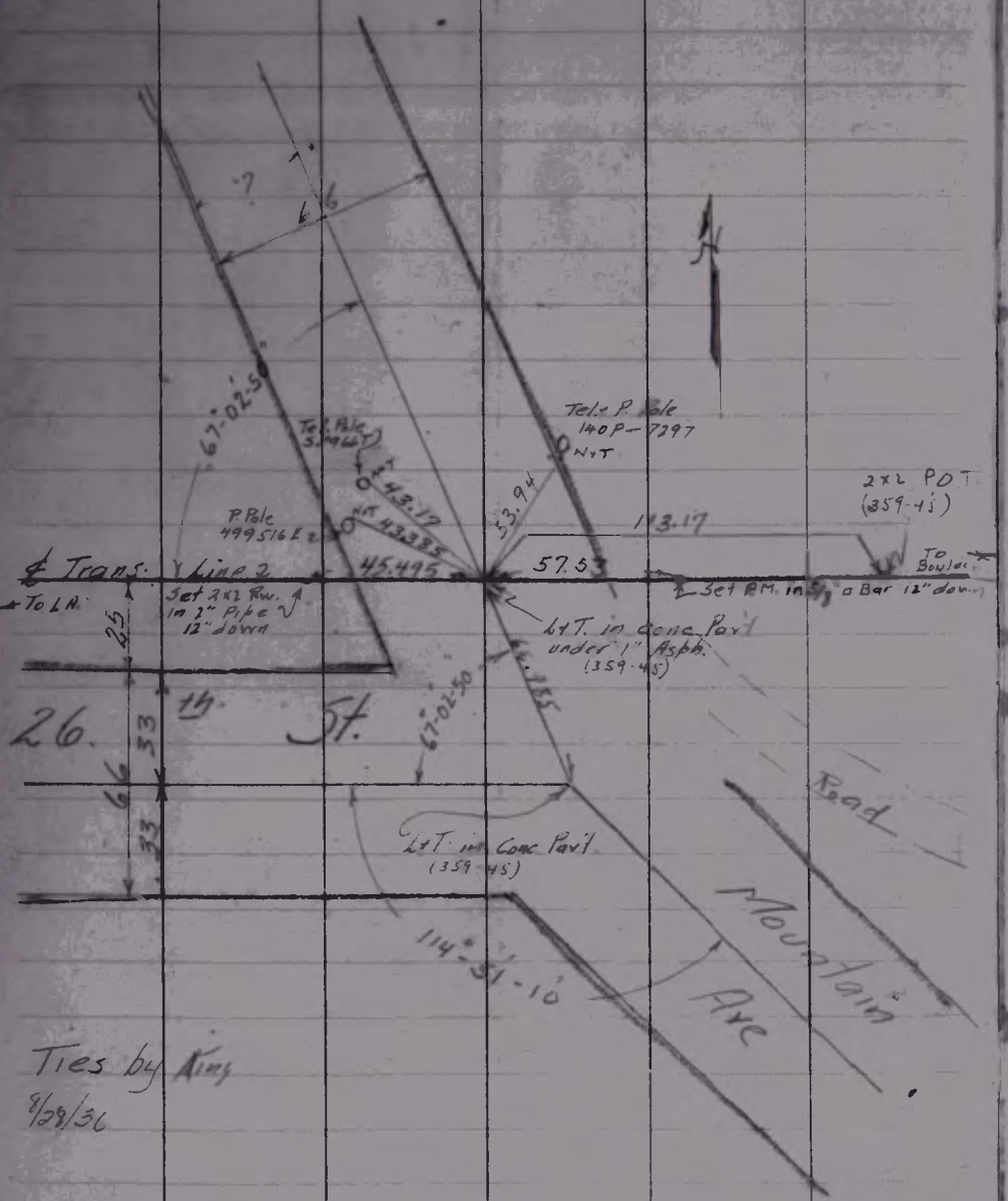


F.B. 999-8 3

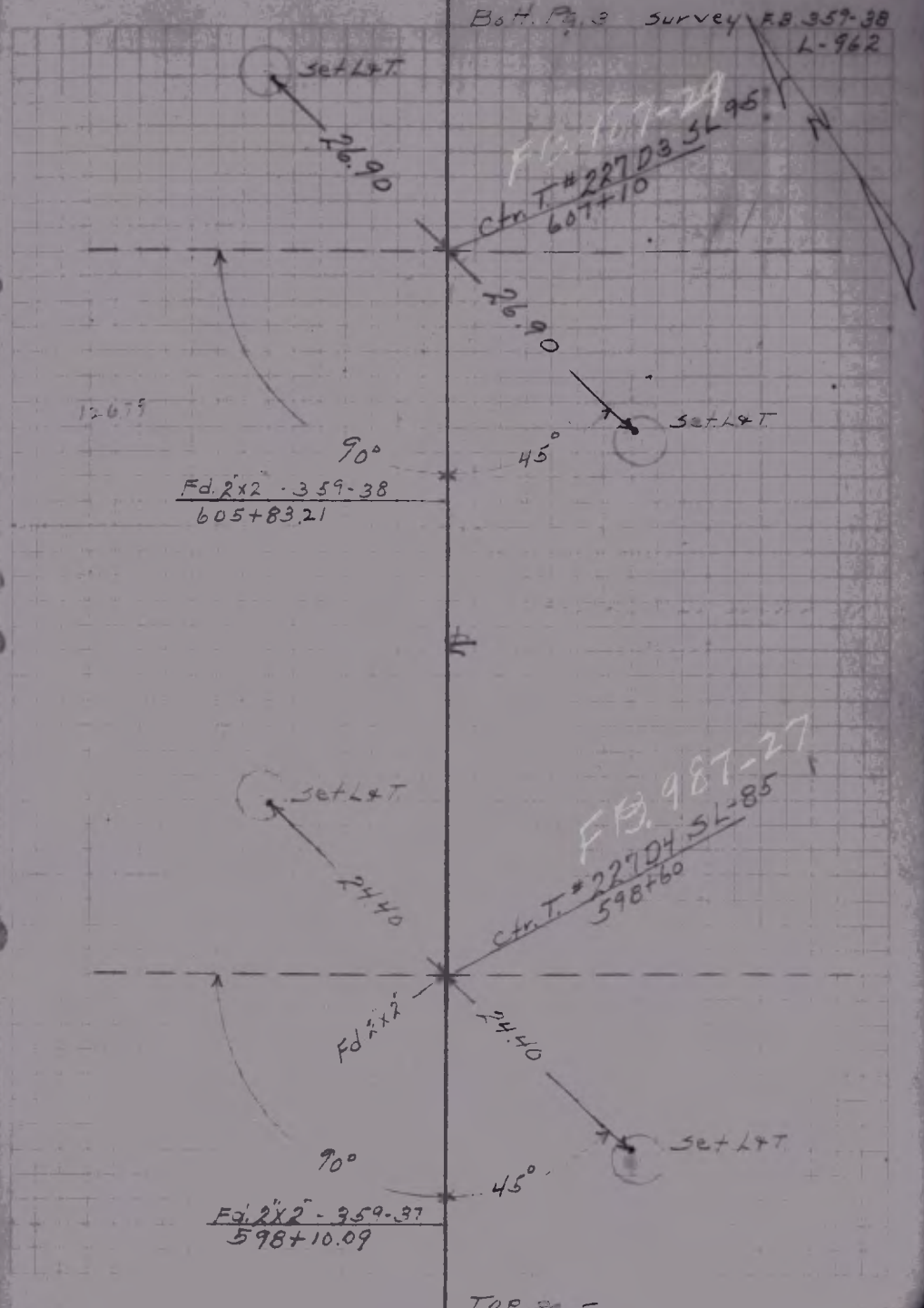


Top Pg 4

4A


Tele P. Pole
140P-7297
N+T
2x2 PDT
(359-45)
To Boulder
113.17
53.94
43.17
43.385
45.495
57.53
67°-02'-50"
P. Pole
499516E
Set 2x2 Rw. in 2" Pipe 12" down
Set RM. in Sp. on Bar 12" down
L+T. in Conc. Pav't under 1" Asph.
(359-45)
L+T. in Conc. Pav't
(359-45)
Road
Mountain
Ave
114°-51'-10"
26.
54.
Ties by King
8/28/36

4


Bo.H. Pg. 3 Survey F.B. 359-38
L-962
Set L+T.
26.90
Ctr. T. #227D3 SL-95
607+10
26.90
Set L+T.
90°
45°
Fd. 2"x2" - 359-38
605+83.21
Set L+T.
24.40
Ctr. T. #227D4 SL-85
598+60
24.40
Set L+T.
90°
45°
Fd. 2"x2" - 359-37
598+10.09

5A

36-43-23 (359-44) To Boulder

1½" Pipe
AP 636+10.04
(359-44)
(See P2 for Ties)

25 33 56 33

P Pole 390.509E
N+T

+ Mrk. in white rock 2.5x1'

97.00

5'

Set Rw Plug in 1" Pipe 12" Down with 2x2 above, 2" Down

44.68 N+T on 5" Lin. cor.

26 ½ 67.36

Set Rw 2x2 in 2" I.P. 12" down

To LA

Ties by Lee 9/1/36

Ties t. 226DL - P. 3A

P.M. at bot. cor. W. Leg. Tow 226DL

P.M. at bot. cor. So Leg Tow. 226DL

Set Rw 2x2 in 2" I.P. 12" down

73.91 76.32

126.44 (359-44)

59.45

2x2 Flush (359-44)

40 10 20 40

Private Electric

Set Rw Plug in ¾ I.P. 12" down with 2x2 above 2" down.

42.46 2.45

81.04

Set L+T in Rock 9" down

To LA

Ties by King 7-1-36

5

Bott. Pg. 4 Survey 359-37 L-962

Set L+T

26.90

See FB. 497-2 Ctr. T# 227.D5 SL 95 589+70

Set in

26.90

90°

Set L+T

45°

Fd. 2x2 359-37 589+65.30

See FB. 497-2 Ctr. T# 227.D6 SL 95 580+60

Set L+T

26.90

Fd 2x2

26.90

90°

Set L+T

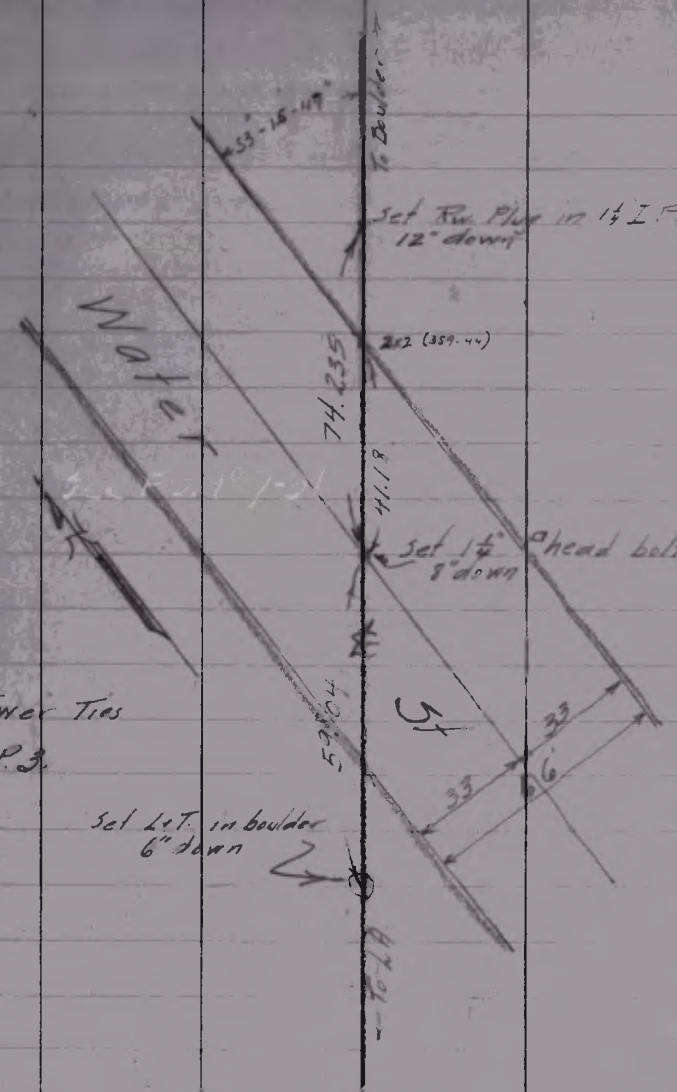
45°

Fd 2x2 359-36 579+16.15

To Pg. 6

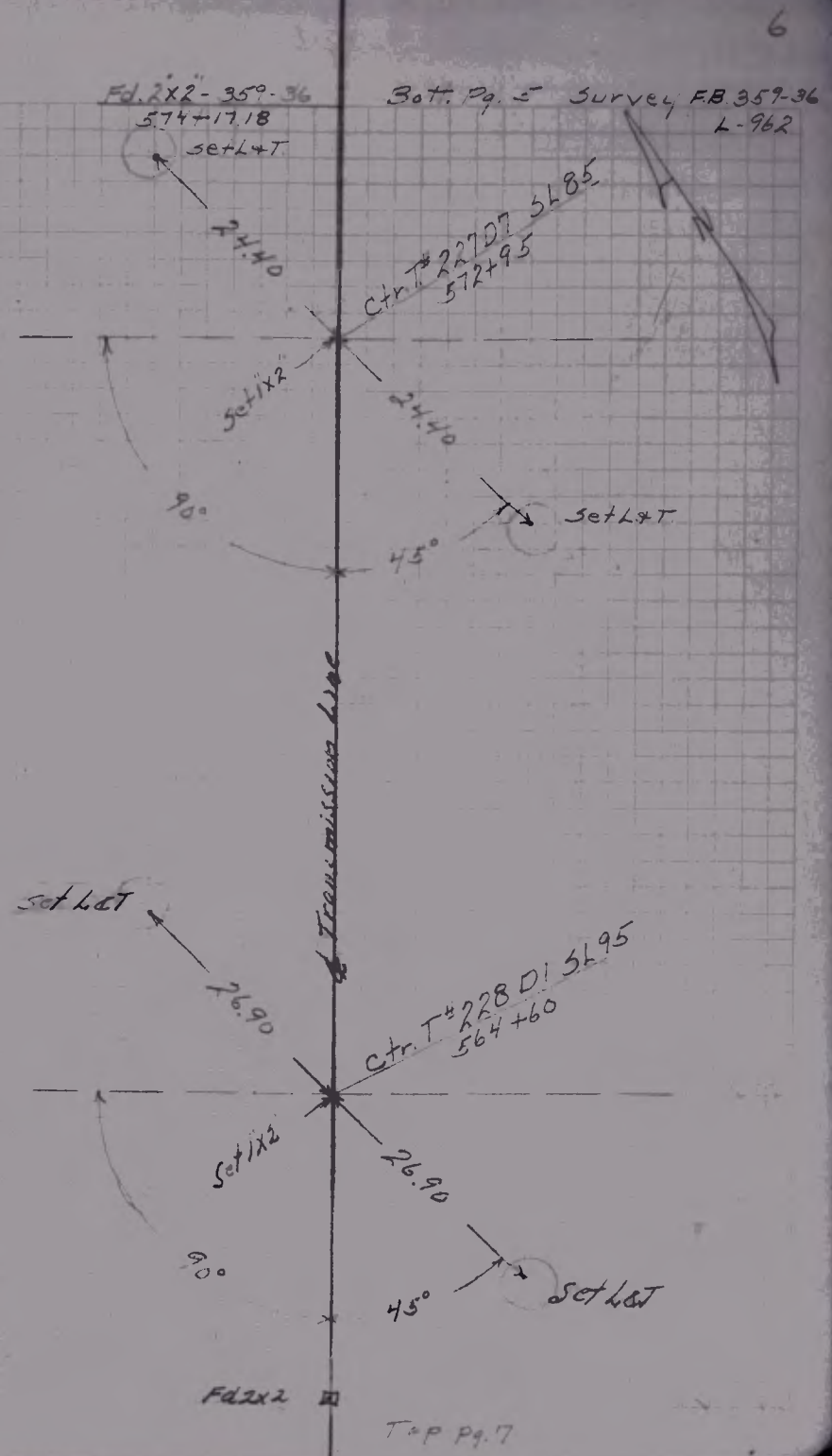
Bur. Pow. & Lt. #533

6A



564+60

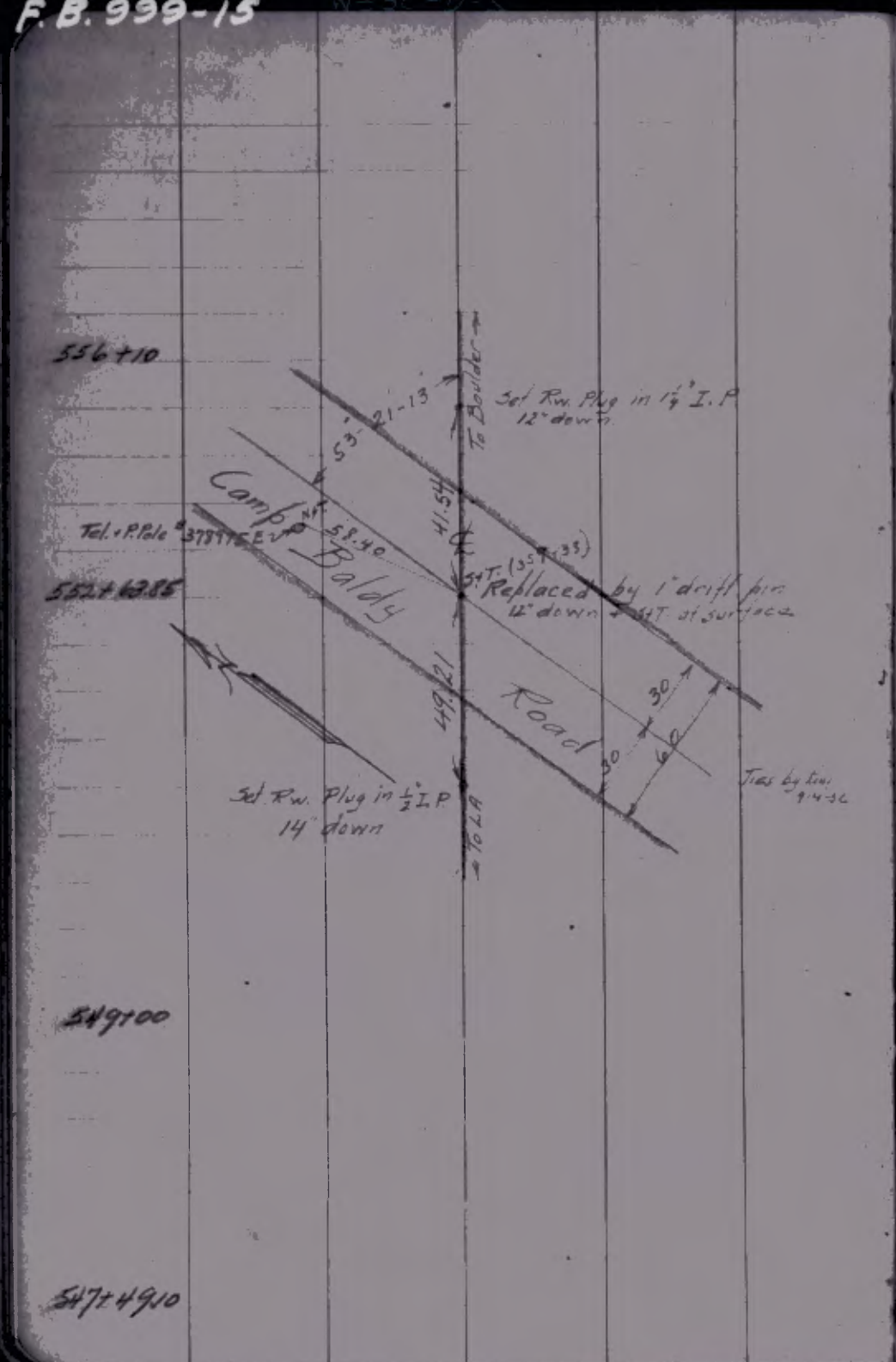
560+92.40

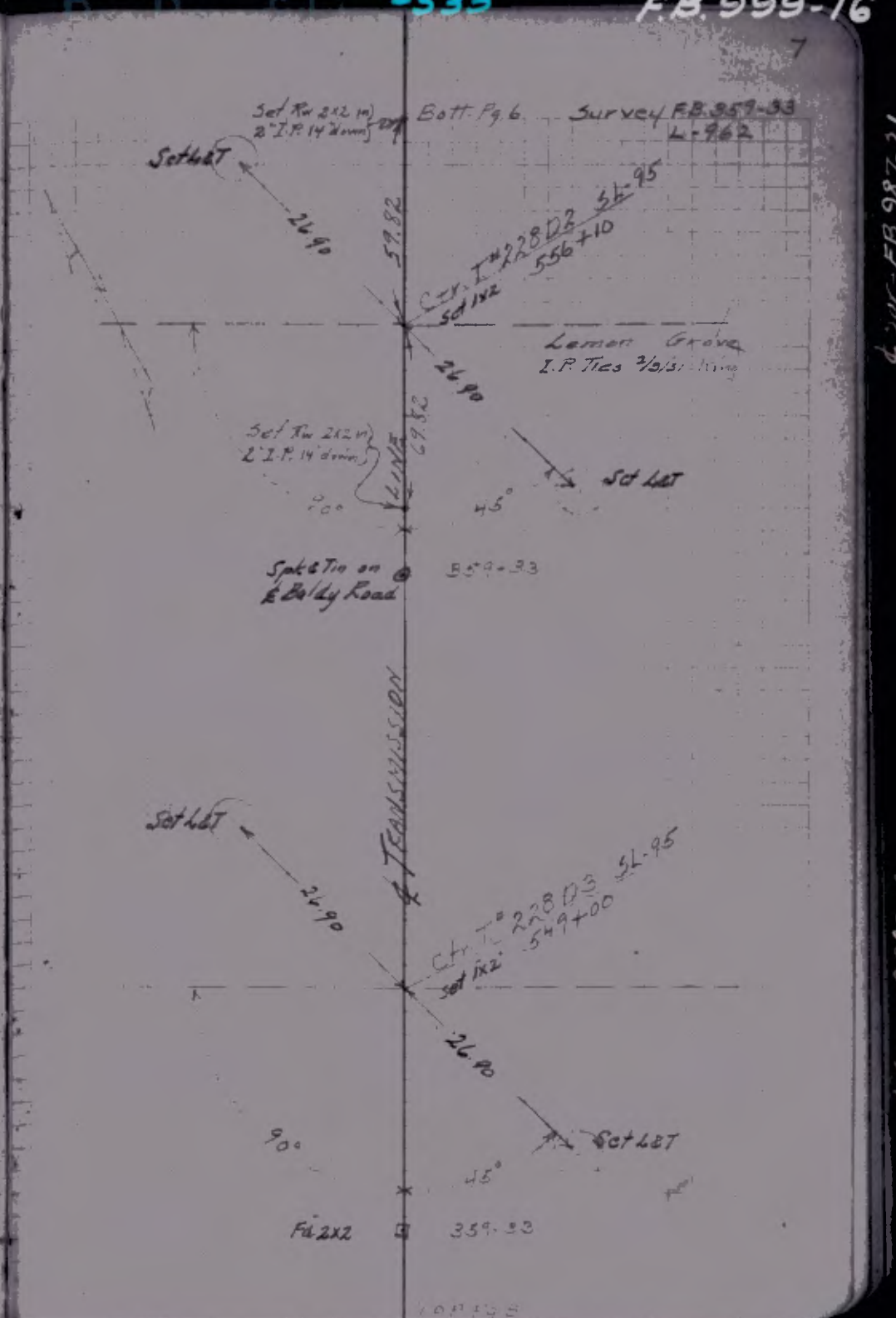


See F.B. 987-23

See F.B. 987-22

10-San Bernardino Co.





℄ Sur = FB. 987-19

℄ Sur = FB. 987-21

℄ Sur = FB. 987-19

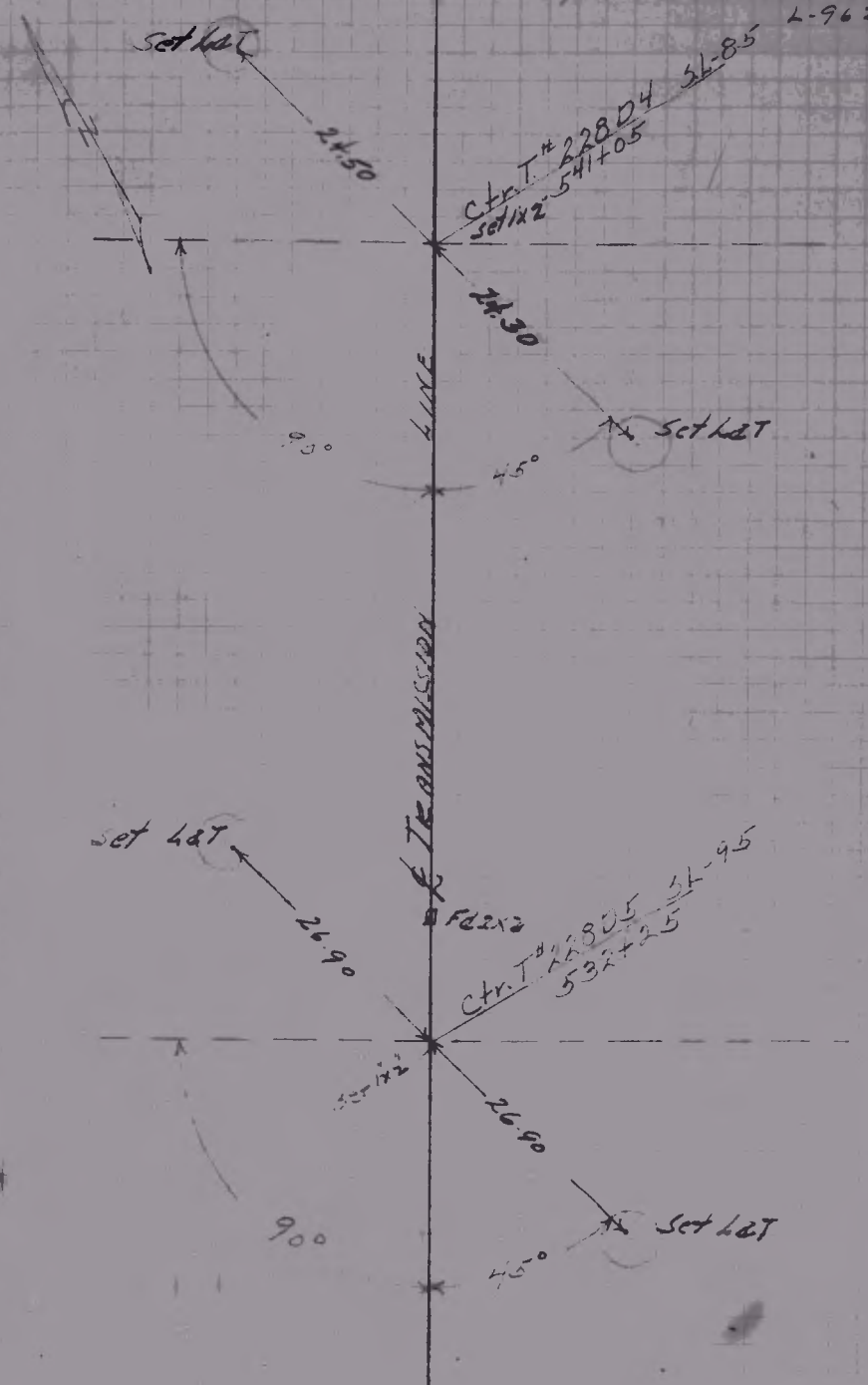
Bur. Pow. & L. # 533

541+05

533+54 F.B 359-33

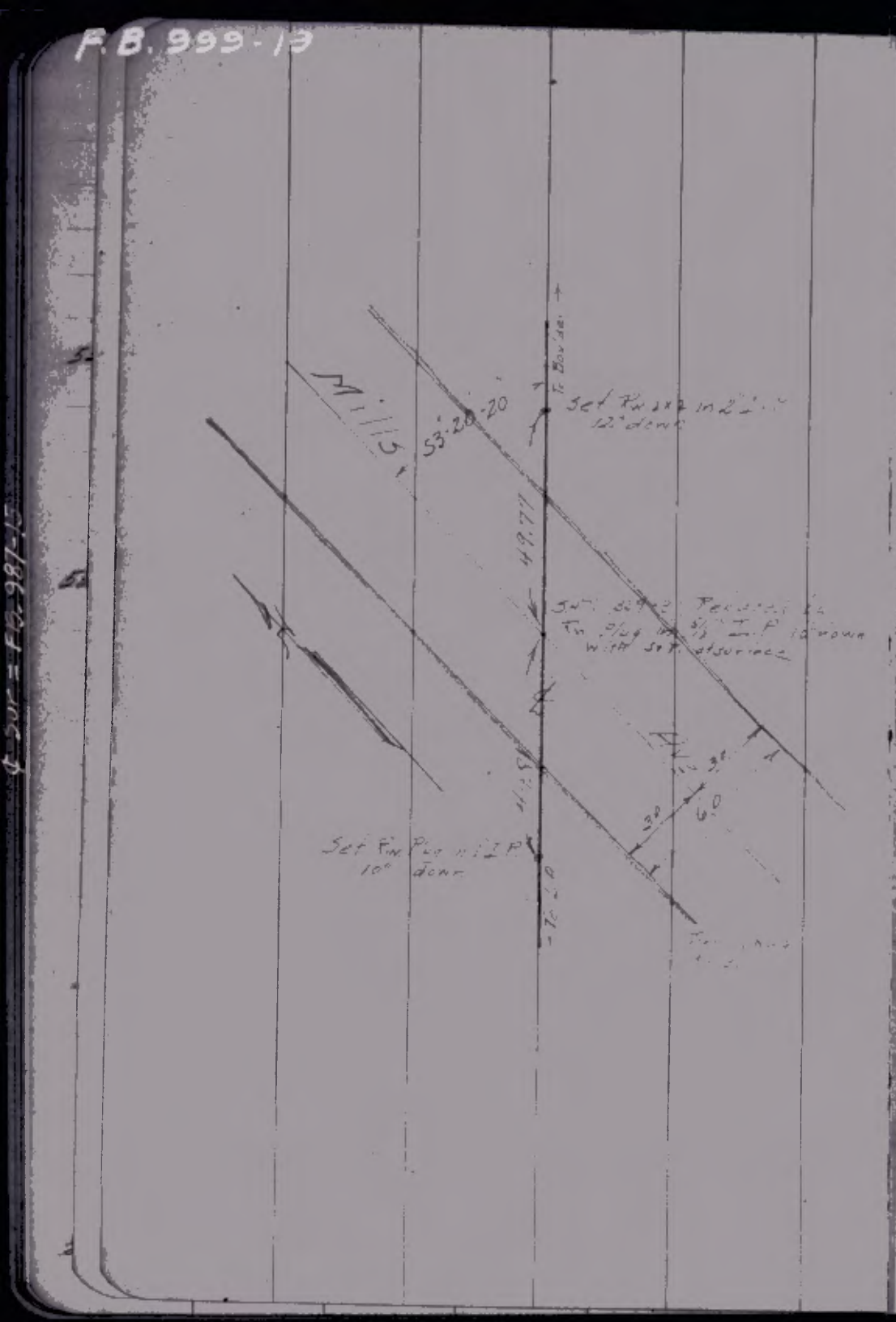
532+25

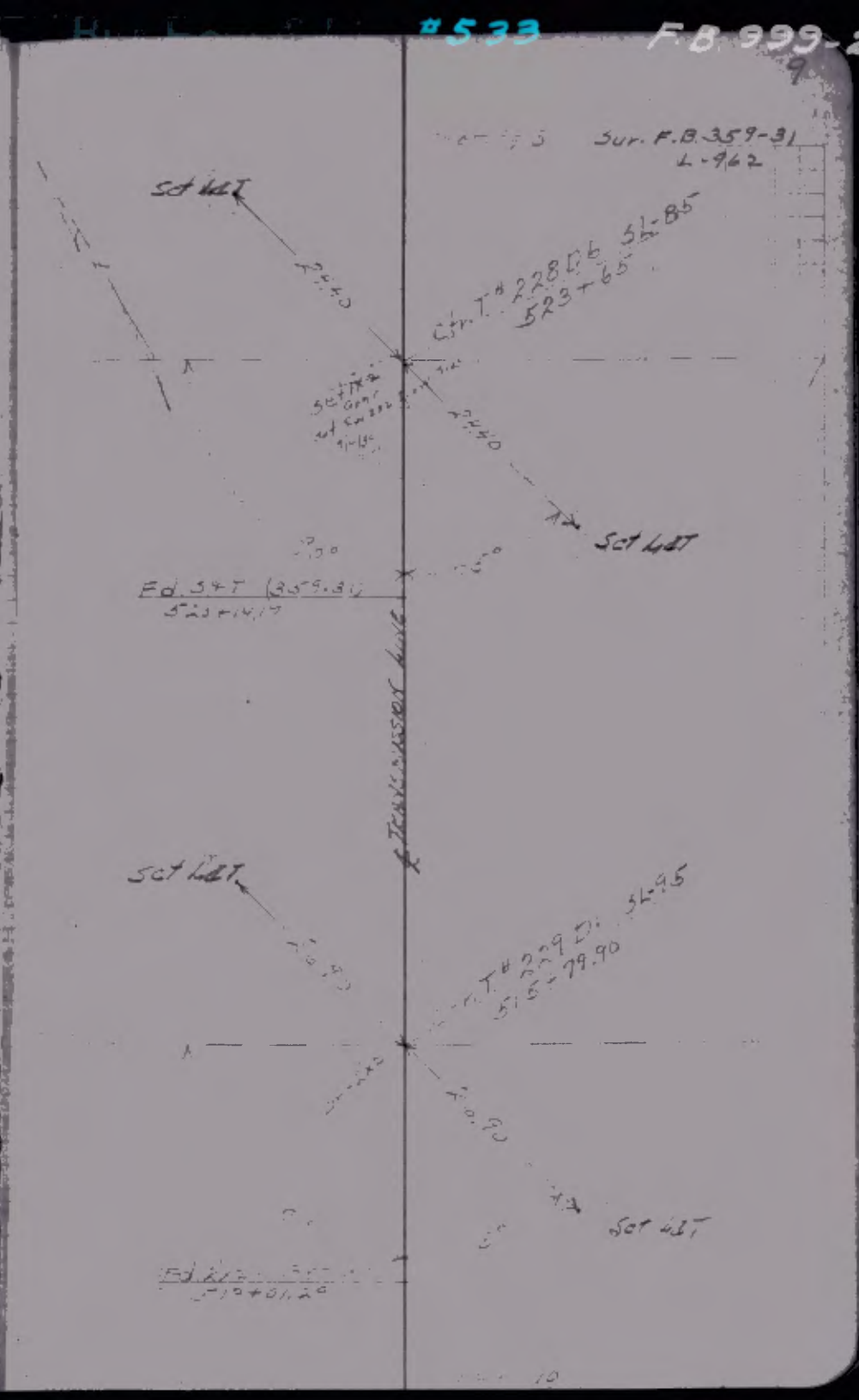
Both. Pg. 7 Sur. F.B. 359-33
L-962



℄ 987-19

℄ Sur = 987-18


Mills
53-20-20
Set Fin Pin 10° down
Set Fin Pin 12° down
Set Fin Plug with set at surface
Set Fin Plug 10° down
3°
6.0


Sur. F.B. 359-31
L-962
Set Left
Ctr. T. # 228 D. 56-85
523+65
Set Left
Ed. 347 (359-31)
523+14.17
Transmission Line
Set Left
Ctr. T. # 229 D. 56-95
516+79.90
Set Left

Bot. Pg. 10 Sur. B.F. 359-30
L-961

set L&T

12.00

Ctr. T. #229D4 DL-0°65'
489+52

N

Fd. 2"x2"

23.70

set L&T.

45°

Ext. Leg

Fd. 1"x2" 359-30
486+96.70

set L&T
Ext. Leg

Ctr. T. #229D5 DL-0°65'
482+60

22.50

set L&T

45°

℄ Sur. F.B. 987-13

Bot. Pg. 9 Sur. F.B. 359-31
L-962

143°12'50"
71°36'25"

set 1"x2"

19.50

set L&T

Ctr. T. #229D2 DL-35°85'
507+27.69

set L&T.

17.75

1.80

N

Fd. 1½" I.P.

45°

1.60

set L&T

19.50

17.75

set Drill Hole in Rock.

set L&T.

Fd. 2"x2" 359-31
498+70

set L&T

26.90

Ctr. T. #229D3 SL95
498+00

set 1"x2"

26.90

90°

45°

set L&T

Top Pg. 11

℄ Sur. F.B. 987-14+15

Bur. Pow. & Light #533

12

Bot. rg. Sur. FB. 359-30
Fd. 2X2 - 359-30 L-961
473+32.92

Set L&T Ext. leg

23.50

Ctr. T. = 229 Db. 0°65'
472+98

Fd. 2X2

23.90

90°

45°

℄ Sur = FB. 987-12

Fd. 2X2 - 359-2[illegible]

Set L&T

Fd. 2X2

90°

Set L&T Ext. leg

℄ Sur = FB. 987-11

Top Fd. 12

13

Bot. Fd. 12 Sur FB 359-29
Fd. 2X2 359-29 L-961
451+81.20

Set L&T

32.00

Ctr. T. = 230.02
Sta. 451+10

Sl. 115

Fd. 2X2

25.60

90°

45°

Set L&T Ext. leg

℄ Sur = FB. 987-10

Fd. 2X2 359-28
438+85.55

Set L&T

32.00

Ctr. T. = 230.03
Sta. 438+65

Sl. 75

Fd. 2X2

90°

Set L&T Ext. leg

℄ Sur = FB. 987-8

Top Fd. 12

14

Sur. 359-28

Fd 2"x2" 359-28 L-961

433+40.97

Set L&T

21.80

Ctr. T# 230 D4 DL-0°65'

433+30

Fd 2"x2"

23.70

90°

45°

Set L&T

Ext. leg

Set L&T

24.00

Ctr. T# 230 D5 DL-0°75

419+70

Fd 2"x2"

27.40

90°

Set L&T

Ext. leg

Fd 2"x2" 359-27

418+59.49

℄ Sur. FB 987-8

℄ Sur. FB 987-7

15

Sur. FB 359-27

L-961

Set L&T

Ext. leg

24.20

Ctr. T# 231 D1 TL-65

408+00

Fd 2"x2"

21.80

90°

45°

Set L&T

Fd 2"x2" 359-27

757+05.39

Set L&T

Ctr. T# 231 D2 SL-75

396+40

90°

Set L&T

℄ Sur. FB 787-7

℄ Sur. FB 787-4

Bo ← Pg. 15 Sur. F.B. 359-26
L-961

set L&T

22.00

Ctr. T. #231 D3 34-75
391+00

Fd. 2x2"

22.00

90°

45°

set L&T.

N. 371.57

Fd 2x2
387+28.63

set L&T

22.00

Ctr. T. #231 D4 34-75
384+60

Fd 2x2"

22.00

90°

45°

set L&T

To Pg. 17

℄ Sur. FB. 987-4

℄ Sur. FB. 987-3

Bo ← Pg. 16 Sur. F.B. 359-24
L-961

set L&T

24.40

Ctr. T. #231 D5 34-85
392+90

Fd. 2x2"

24.40

90°

45°

set L&T

set L&T

28.50

Ctr. T. #231 D6 34-95
389+60

Fd 2x2

26.40

90°

45°

set L&T

To Pg. 18

℄ Sur. FB. 987-2

℄ Sur. FB. 987-1

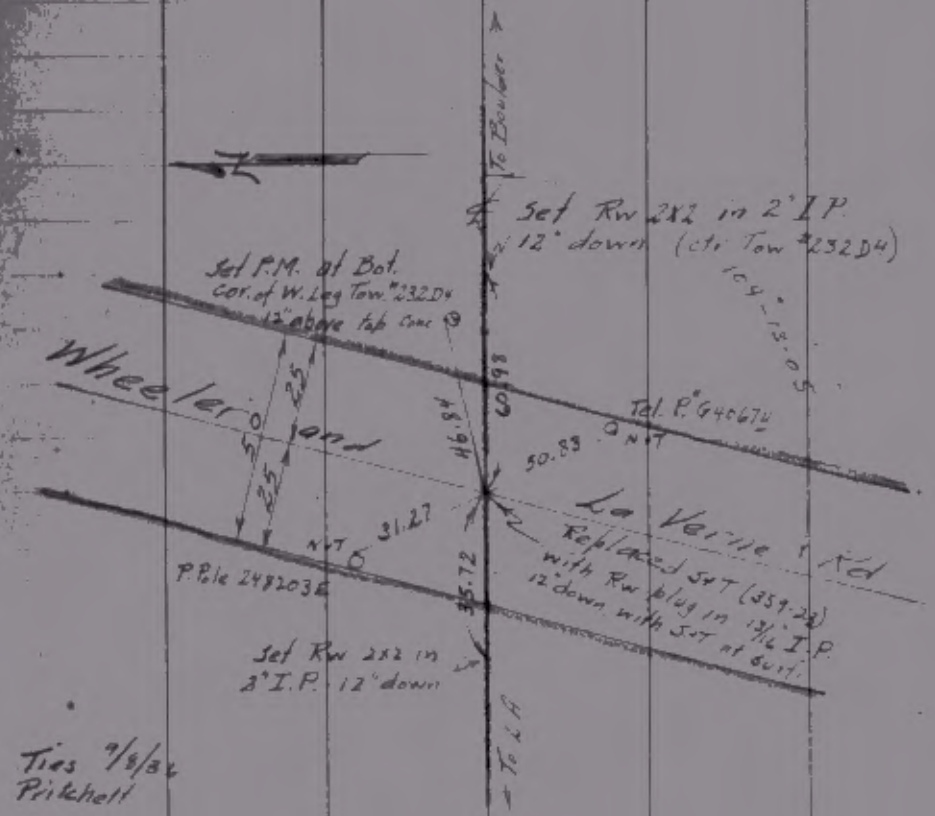
18

Sur. 359-24
L-961

Ctr. T. #230
93

M.B. 70

Sur. 359-24


℄ Set Rw 2X2 in 2" I.P.
12" down (ctr Tow #232D4)
To Boulder
Set P.M. at Bot.
Cor. of W. Leg Tow. #232D4
12" above tab conc
Wheeler and
La Verne Rd
Tel. P. #646674
N&T
50.83
46.84
31.27
N&T
P. Pole 248203E
35.72
Replaced SrT (359-23)
with Rw plug in 13/16 I.P.
12" down with SrT at butt.
Set Rw 2X2 in
2" I.P. 12" down
To L.A.
Ties 9/8/82
Prikhell

Bot Pg. 18
Sur. 359-23
L-961
SetL&T
Ext. leg
SetL&T
SetL&T
Fd 2X2
45°
SetL&T
Fd N&T ℄ La Verne Rd. 359-23
318+64.05

To 587 at 1/4 sec Line

Ed. 587 318+67.63 Pg. 19

Meas. 10 9 12

Rec. 75° 46'55" & Meas

587 318+37.23

℄ Laverne Rd

Meas. 104+13.55

℄ Trans. Line

Meas. 577.31 Offset Line

Set 1x2" in pit 312+60.06

N. 90°

10.5 78

Ctr. T. # 232 D.5 312+60.06

Bott. Pg. 19 Sur. 359-22 L-960'

Set L+T.

Set Rw 242 in 2" I.P. 14' down

26.40

71.90

Ctr. T. # 232 D.5 DL-0°85' 312+60.06

See opp. Pg. for offset Line

2x2' in pit

Orange Grove I.P. Ties 1/2 1/2 x 14

Ed. 2x2'

26.40

Meas 46°

57.22

90°

46°

Set L+T

Identical Points

Set Rw 242 in 2" I.P. 14' down

Rec. 150° Meas. 150°15'39"

75°07'40"

Set 1x2"

16.00

Set L+T.

15.00

Set L+T.

16.00

A.P. 302+55.11 Ed 2" I.P. 359-22

Ctr. T. # 232 D. 235° CL-65'

Set 1x2"

16.00

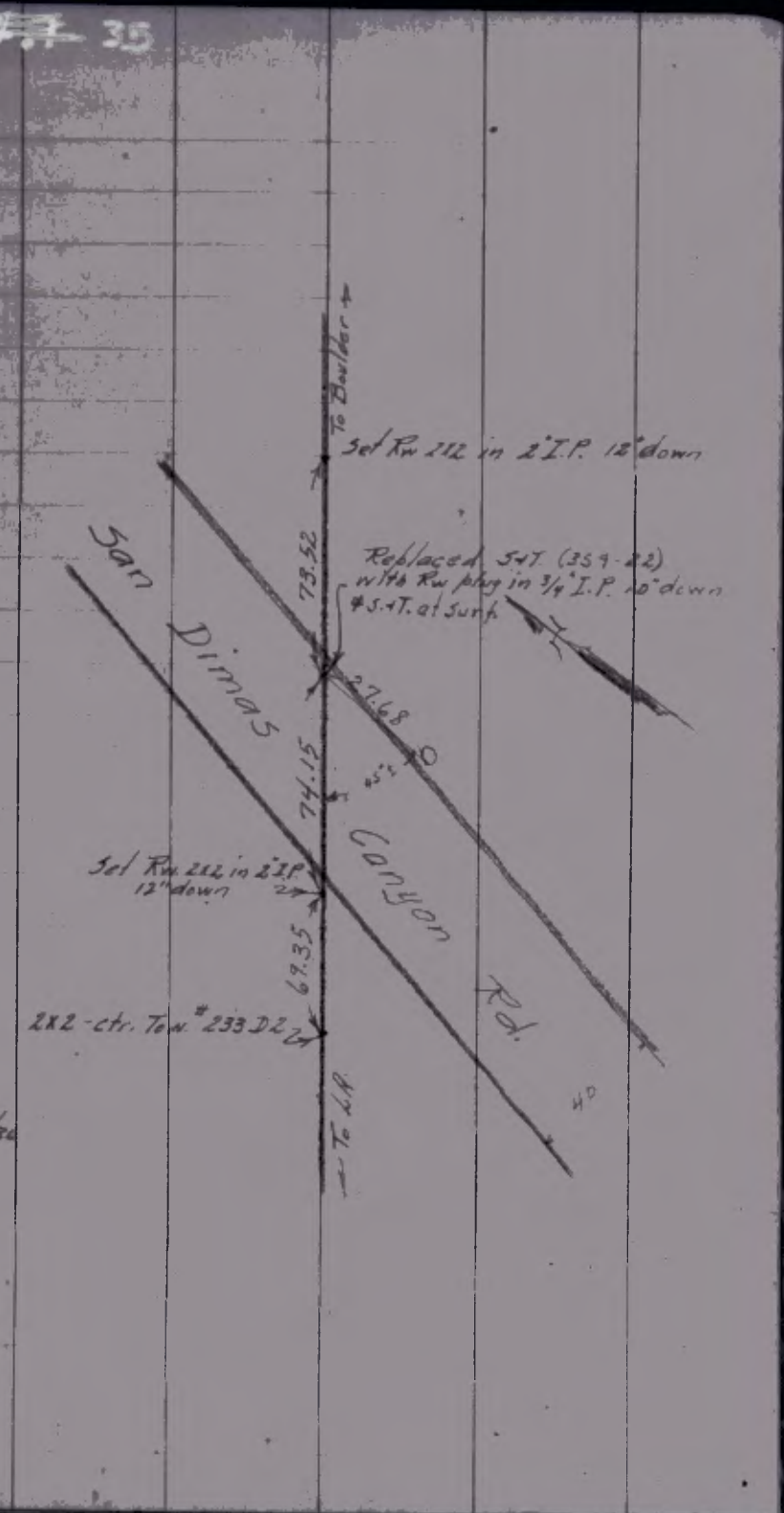
Set L+T

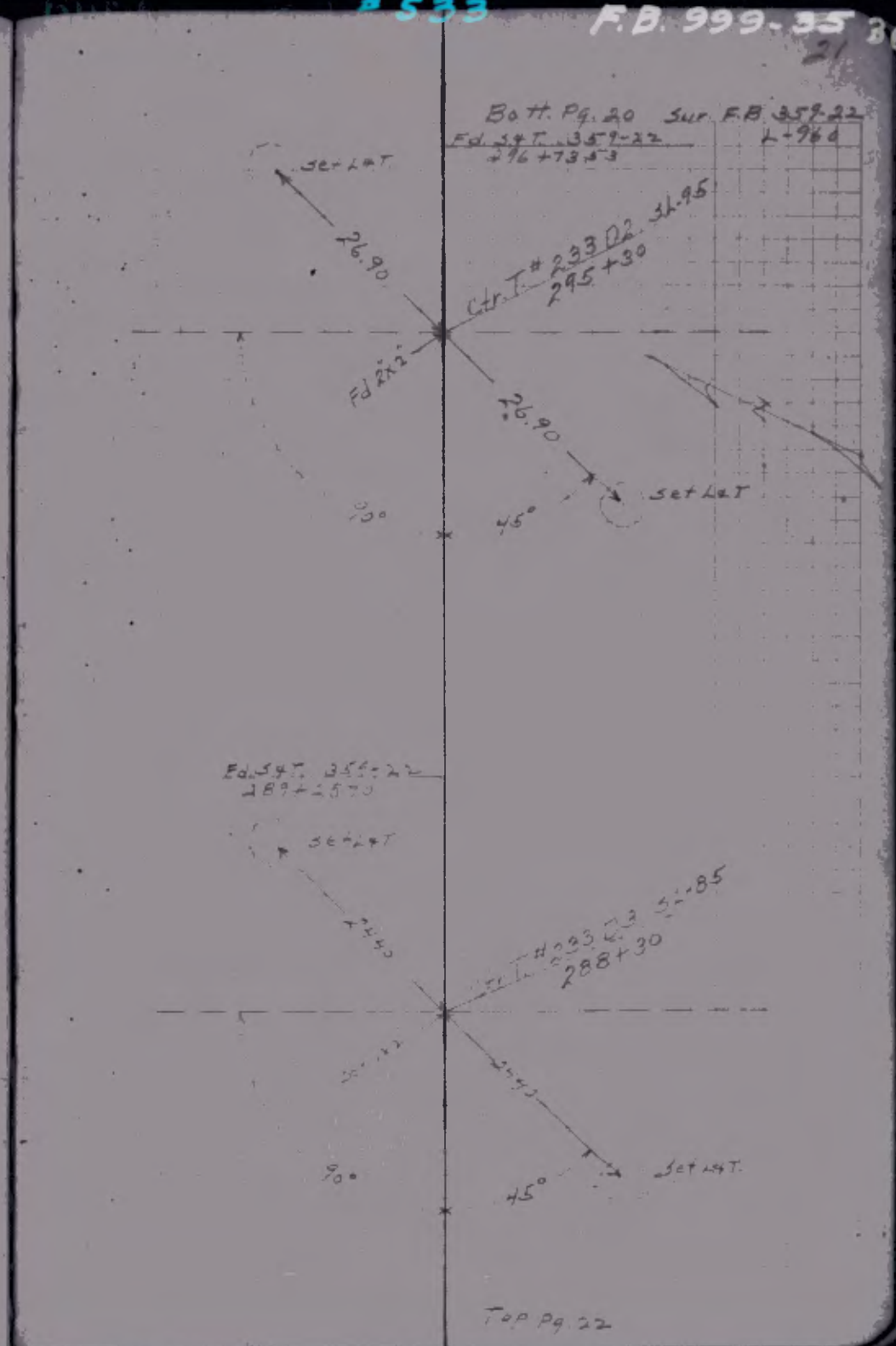
Set L+T

15.00

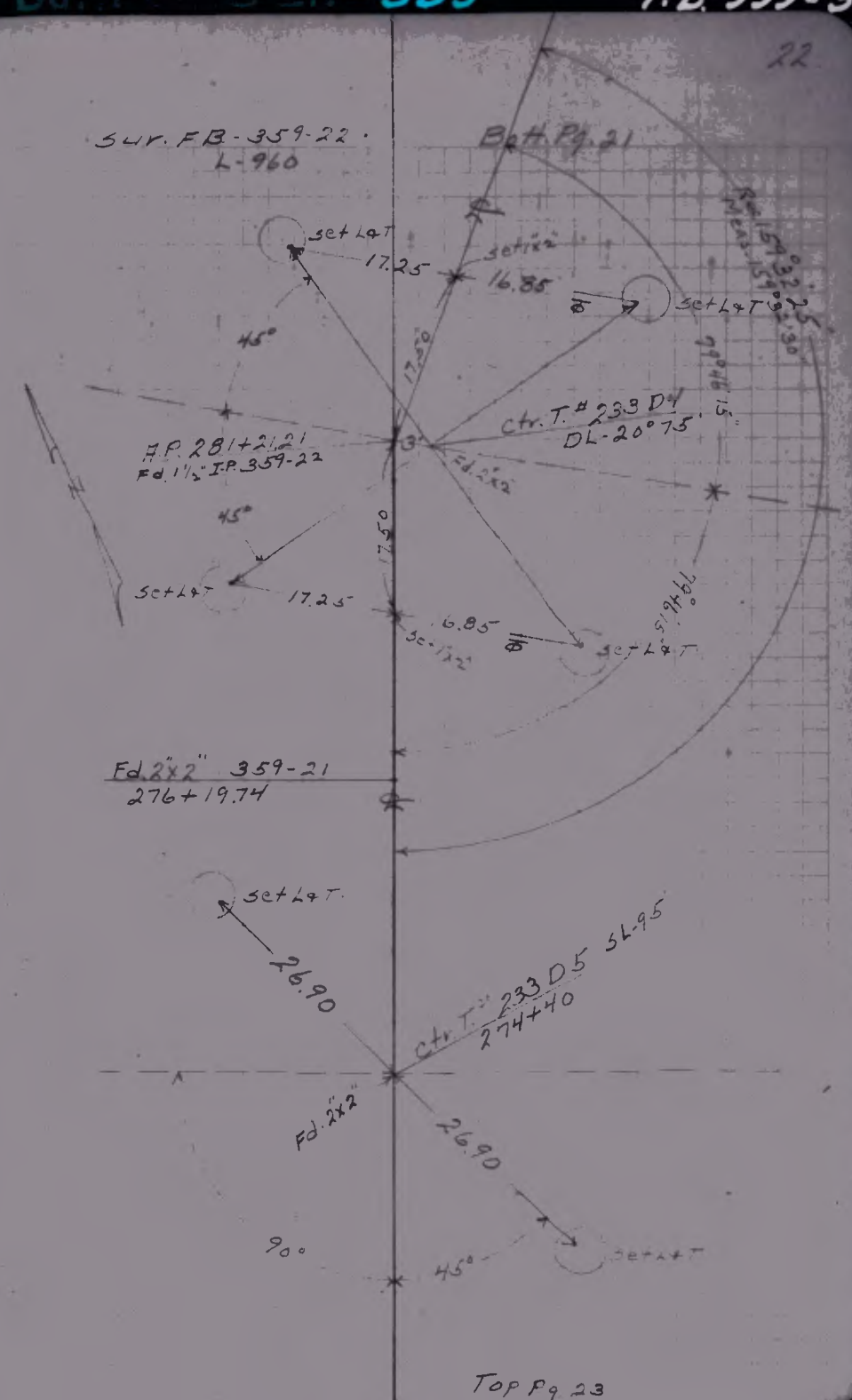
Ed. 359-22 301+34.00

Top Pg. 21





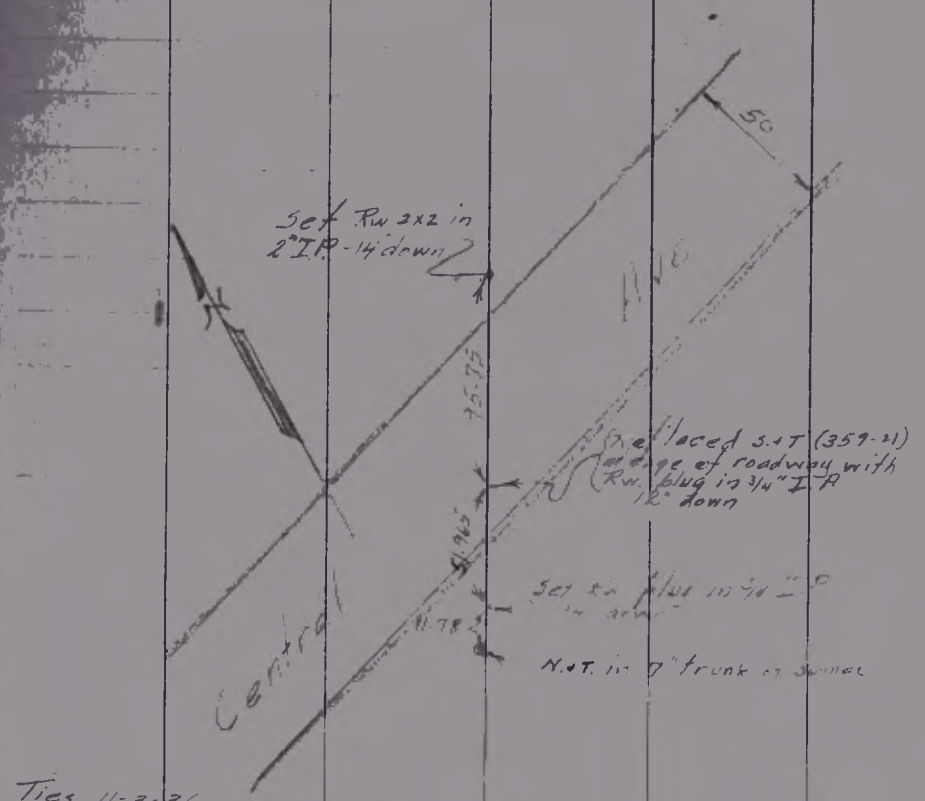
F.B. 999-121
F.B. 987-121
F.B. 987-121
Sur. F.B. 999-121



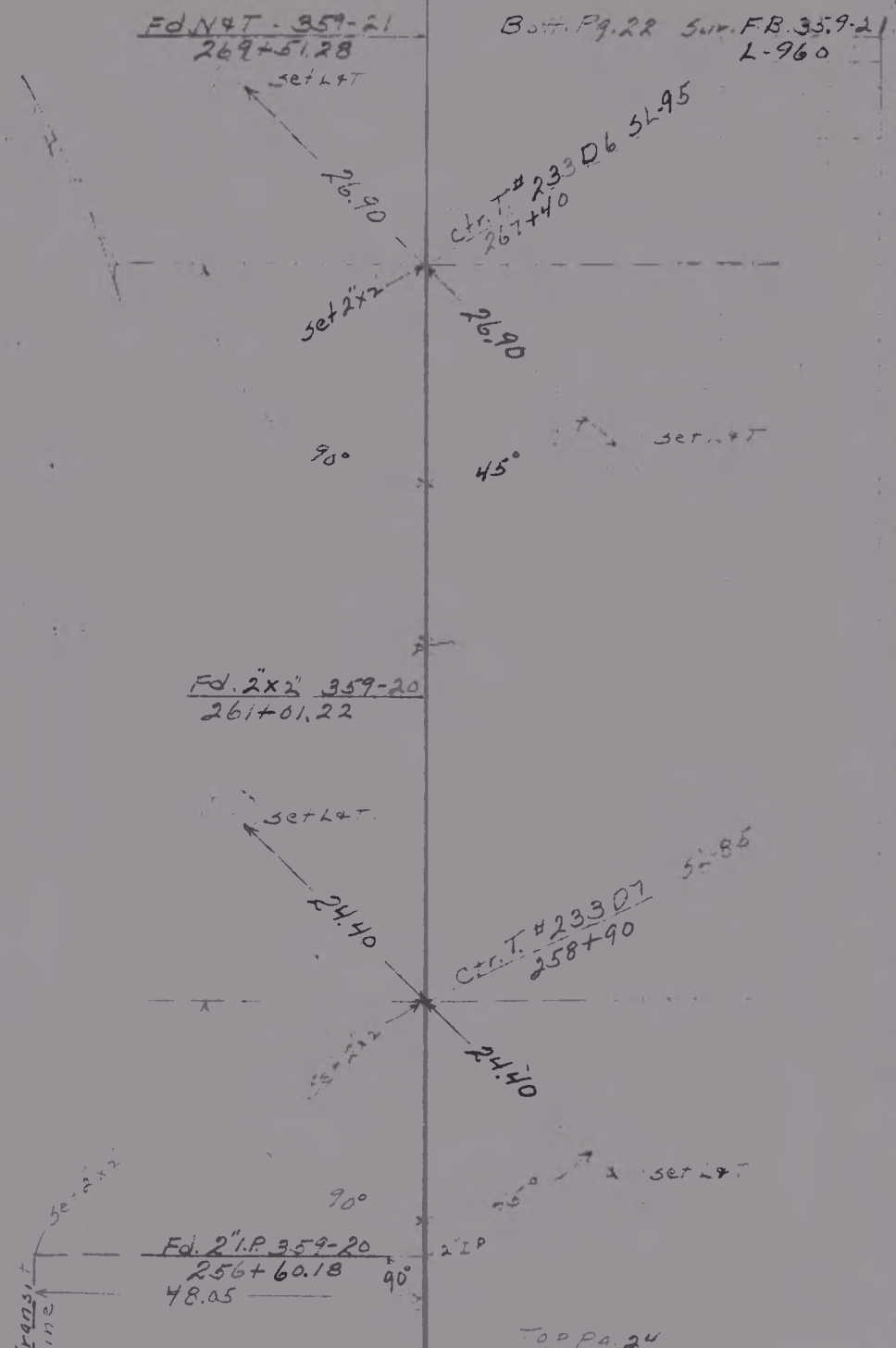
Top Pg. 23

Sur. F.B. 987-120

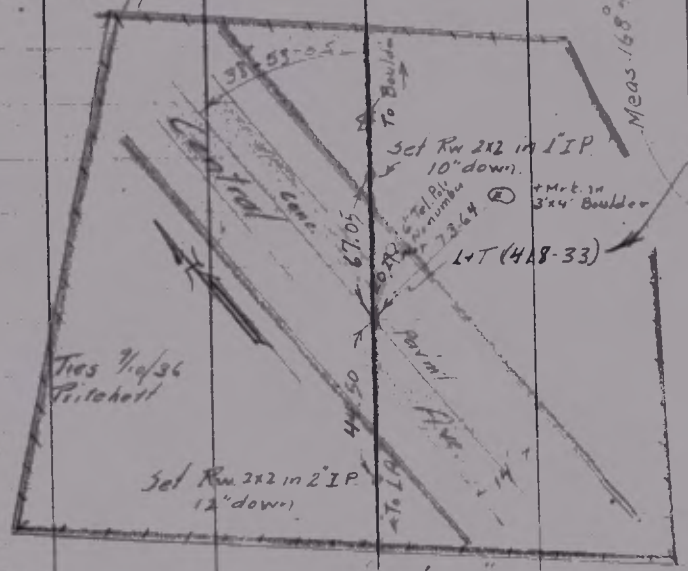
Sur. F.B. 987-119



Ties 11-3-36
Kins

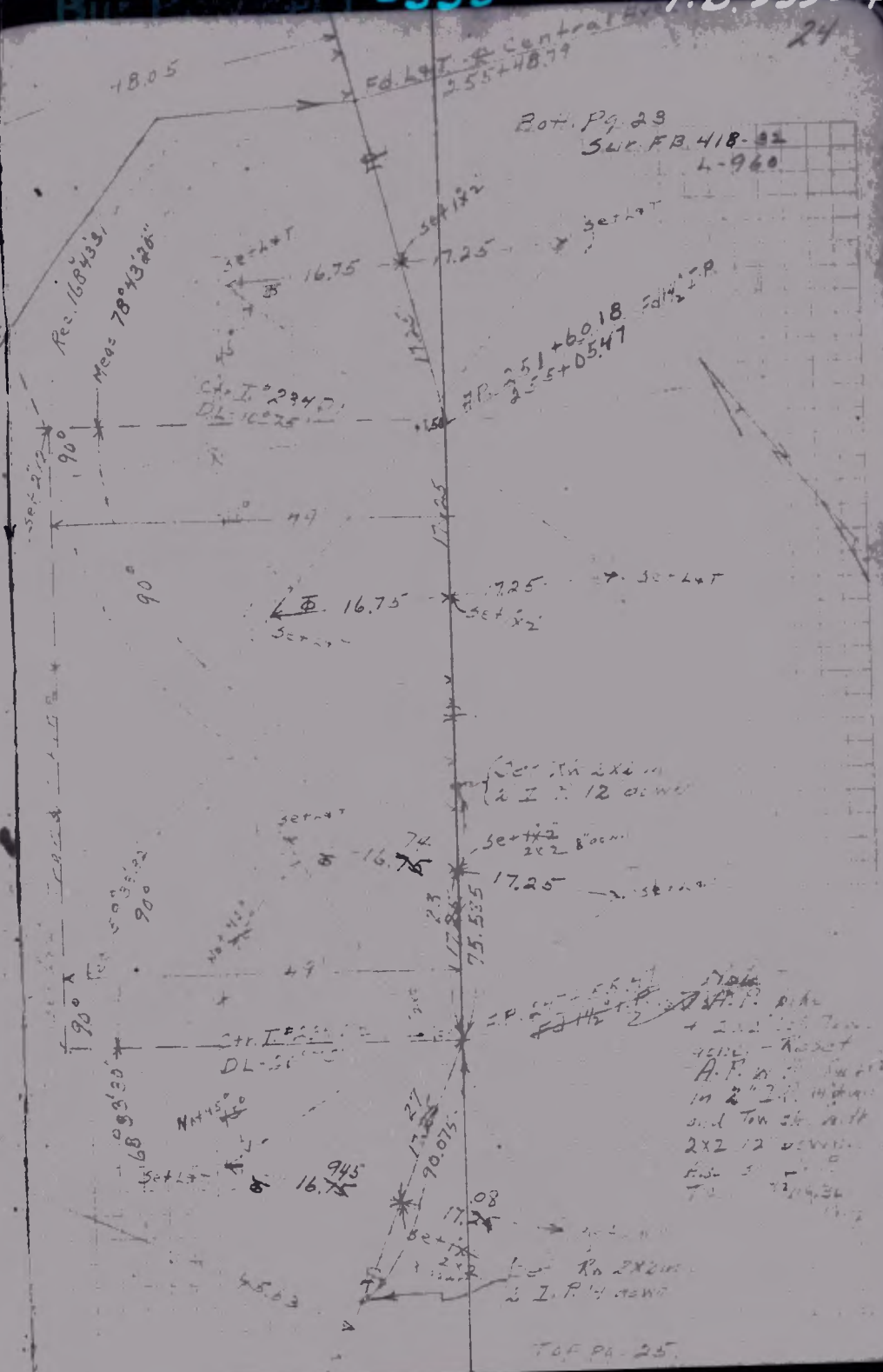


Note. Ang. in 418-32 - 168°43'24"
Ang. on Tower Sheet - 168°43'31"
Meas. on offset line - 168°43'20"



Ang. in 418-33 - 158°33'26"
" on Tower Sheet - 158°33'32"
Meas. on offset line 158°33'30"

Transit line



Bur. Rec. FB. 987-105

Bur. Rec. FB. 987-104

Bur. Pow. & Lt. #533

Sur. FB. 987-101

Set Rw 2x2 in 2" I.P.
12" down

N&T in 2" Pole

31.95

31.215

39.875

N&T in
14" Pole
P.E.Rg. 516278

Sycamore

Replaced S&T (418-31) with
Rw plug in 3/4" I.P. 12" down

Canyon

Road

57.495

74+46.5

Ties Poles
Pitchett

P.M. E. Leg
0.2' above conc

Cl. Tow 243.03
Replaced 2x2 with
Rw 2x2 in 2" I.P.
12" down

Tel A

Offset Line

90°

Set 2x2 15.63

30.00
Fd 2x2

Set L&T

24+40

90°

Sur FB 418-30
L-960

Set 2x2
234+83.23

97.75

Fd N&T
241+83.23

96°

FB 418-31

Set L&T

Str. T# 234+03 St. 85
241+40

Set 2x2

97.75

Set 1x2

24+40

Set L&T

45°

TRANSMISSION LINE

97.75

Fd 2x2
234+47.37

Fd 1x2

Transit Line

Str. T# 234+04 St. 85
232+90

97.75

Set 1x2

24+40

90°

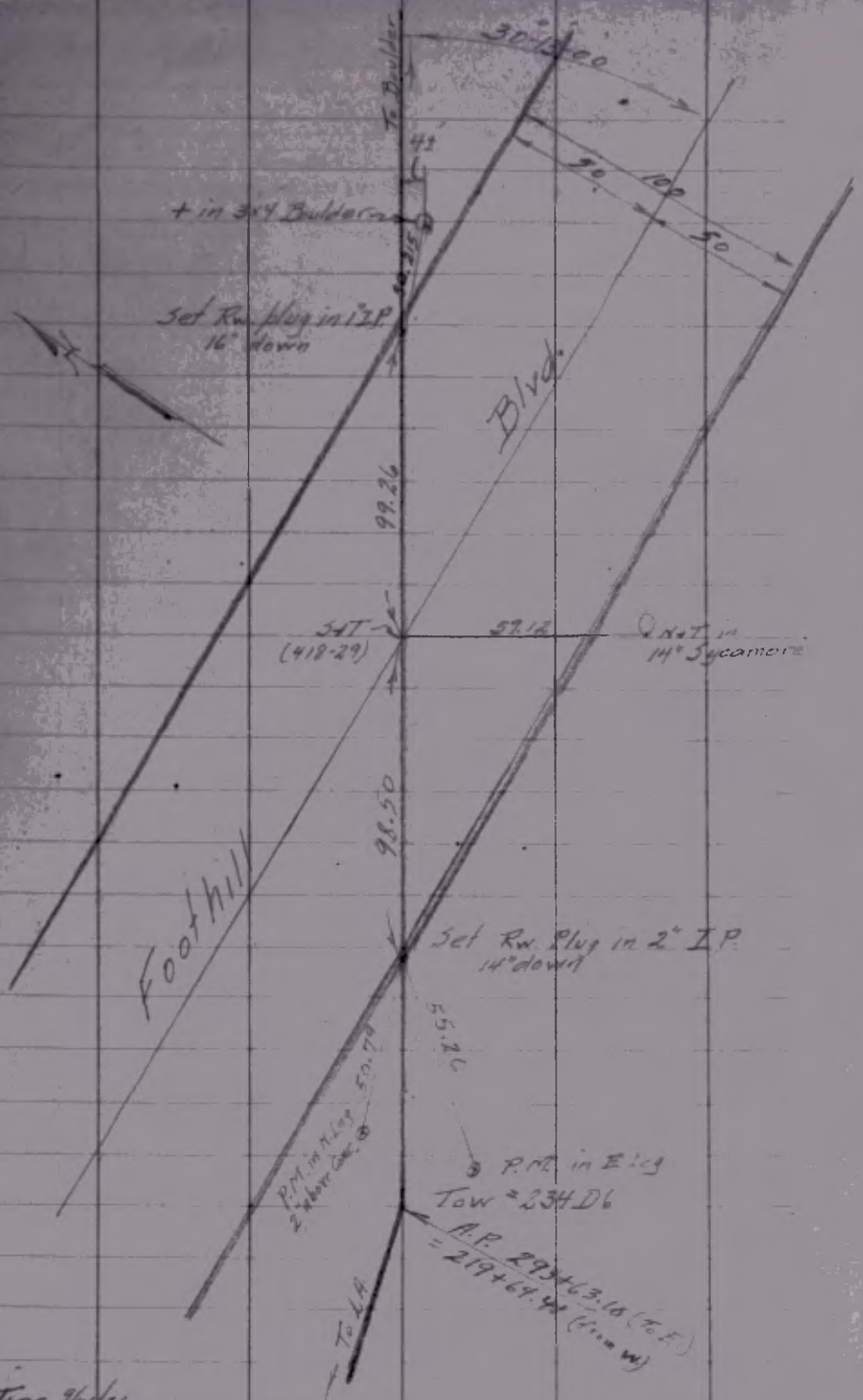
45°

Set L&T

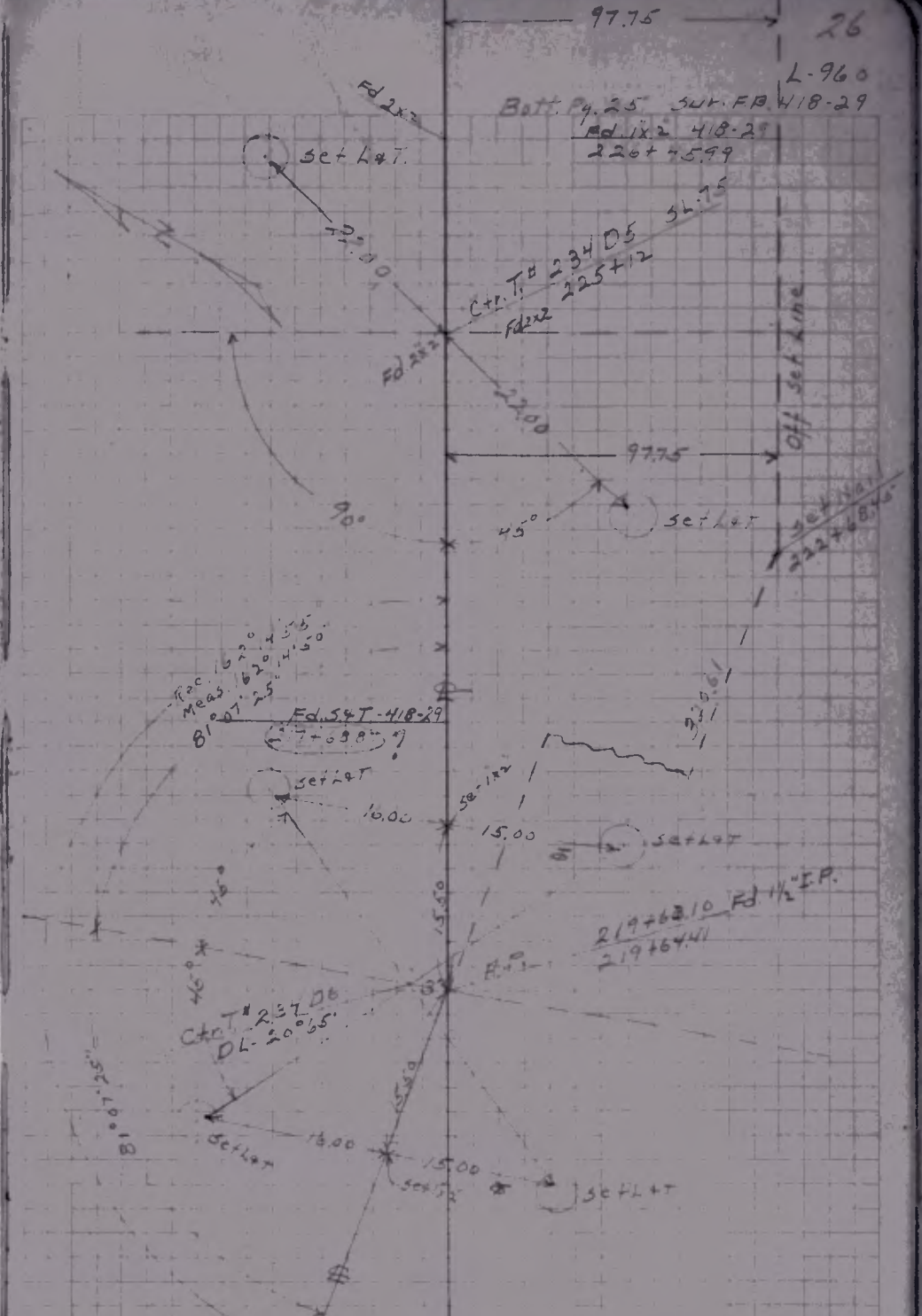
Fd 1x2 418-30
233+82.21

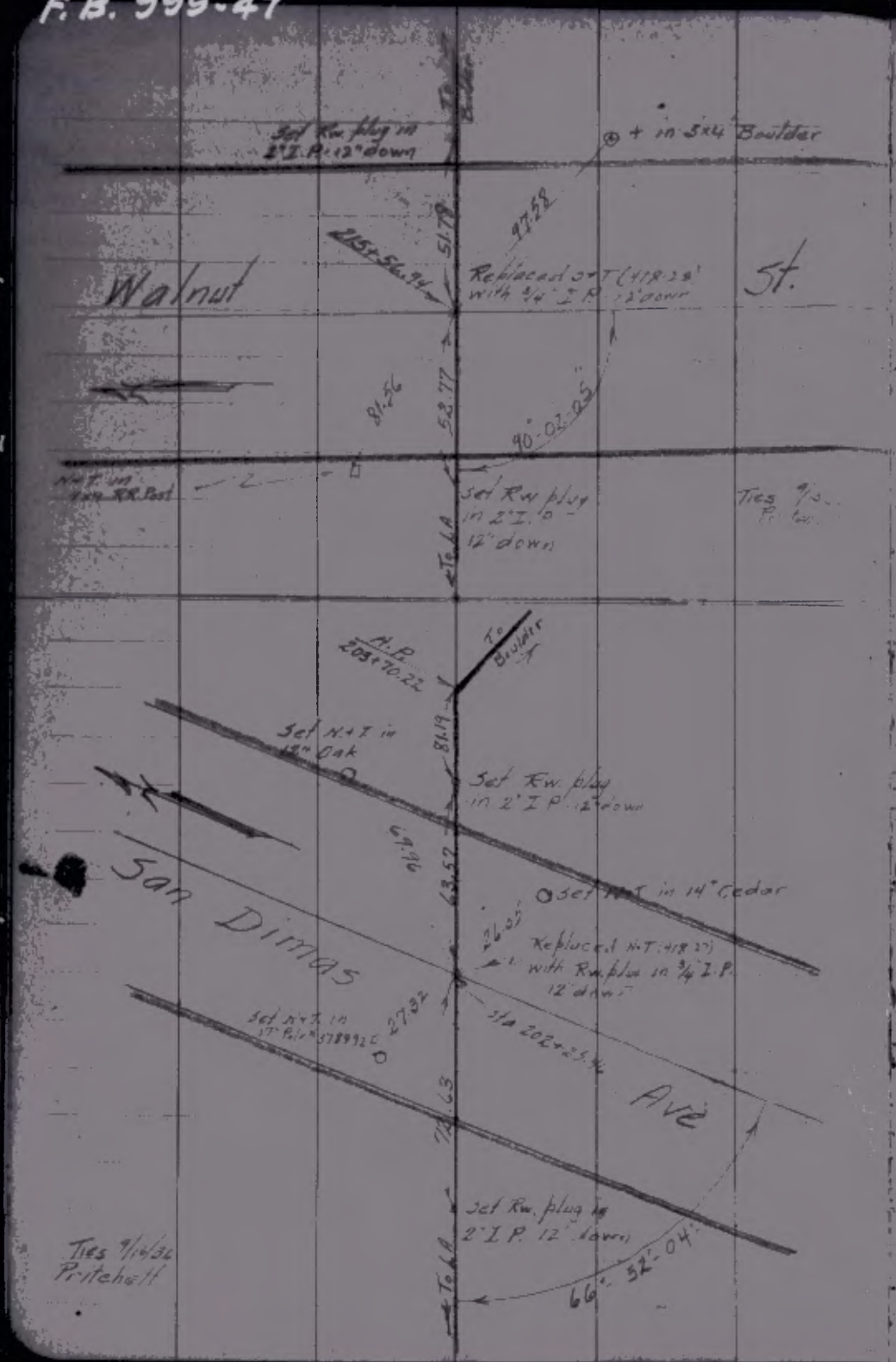
Top Pg 26

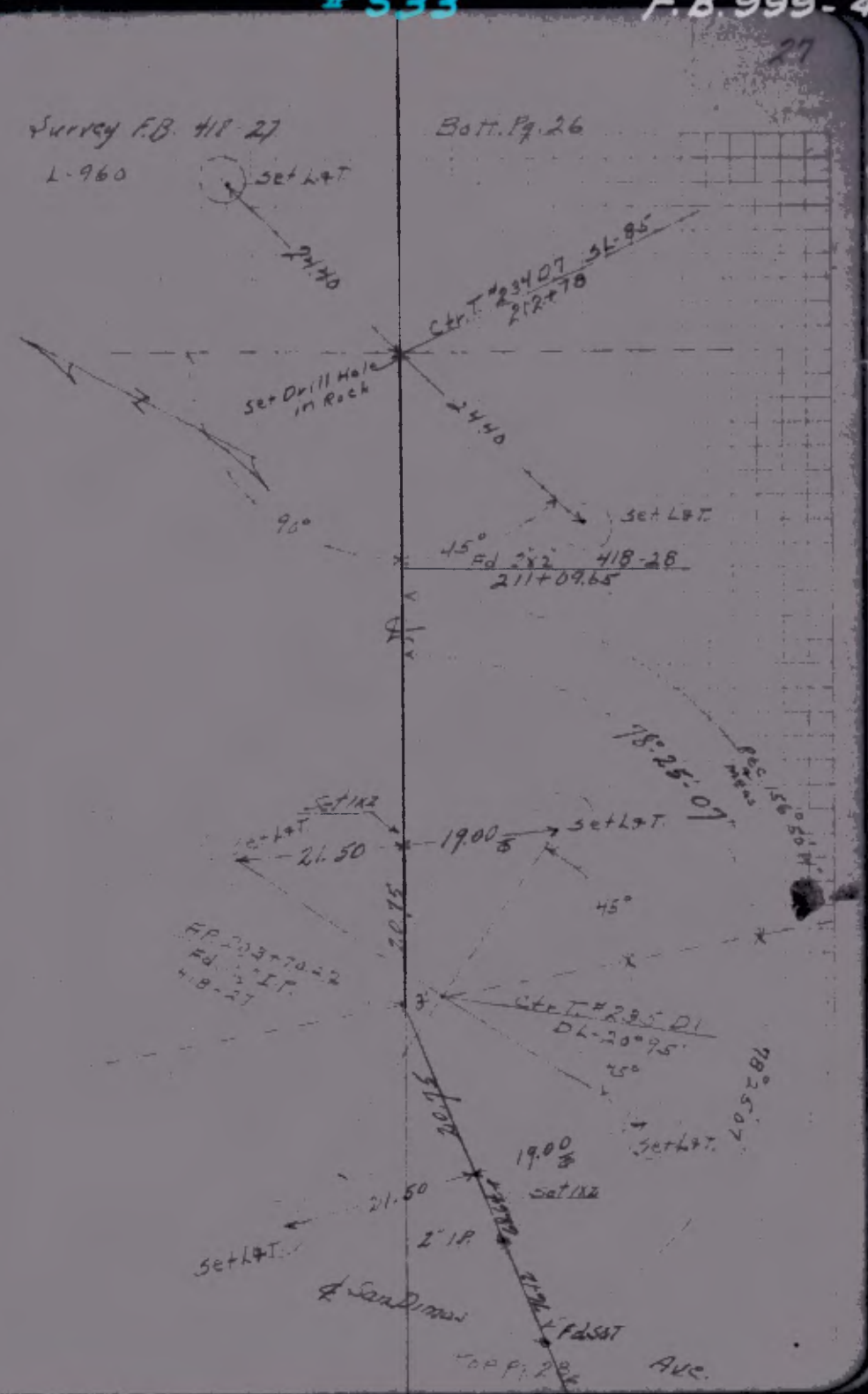
Sur. FB. 987-101



Ties 9/11/36
Pritchett





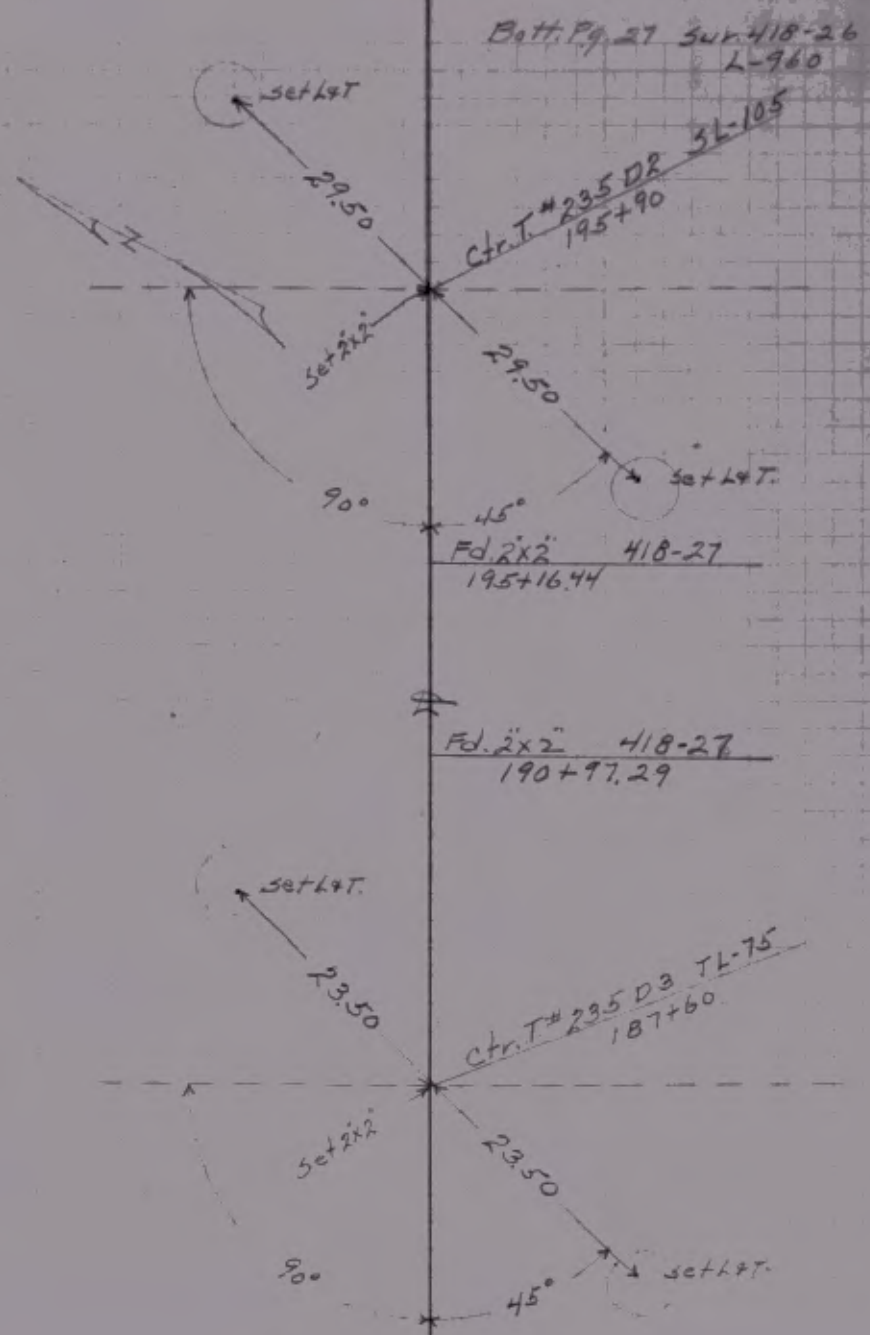


℄ Sur. FB. 987-95

℄ Sur. FB. 987-93

℄ Sur. FB. 987-95

℄ Sur. FB. 987-93



Top Pg. 29

Sur. 418-27

Sur. 418-26

23°-09'-26"

To Boulder

Set Rw. 2x2 in 2" I.P. 12" down

30 60 30

Base Line Rd.

91.97

W'ly prolongation of ℄

Replaced 2x2 (418-26) with Rw. 2x2 in 2" I.P. 14" down.

Set Rw. 2x2 in 2" I.P. 16" down

To LA

2x2 ctr. Tow. #235 D4

Ties 10-26-36 King

To Boulder

Set Rw. 2x2 in 2" I.P. 12" down

Pole #3648145 N 62.14

37.57

(Replaced S.T. (418-24A) with Rw 2x2 in 2" I.P. 14" down and S.T. at surface

Amelia St.

57.41

54.64

57.41

Set Rw. 2x2 in 2" I.P. 12" down

Set P.M. in N. leg 18" above conc.

Set P.M. in E. leg 18" above conc.

Tow. #235 D7

(See Page 30)

Ties 10/19/26 Pritchett

To LA

Bott. Pg. 28 Sur. 418-25 L-960

Set L+T

26.90

Ctr. T. #235 D4 SL-95 180+00

Set 2x2

26.90

Set L+T.

90°

45°

Fd. 2"x2" 418-25 178+80.65

Set L+T

26.90

Ctr. T. #235 D5 SL-95 173+88.41

Set 2x2

26.90

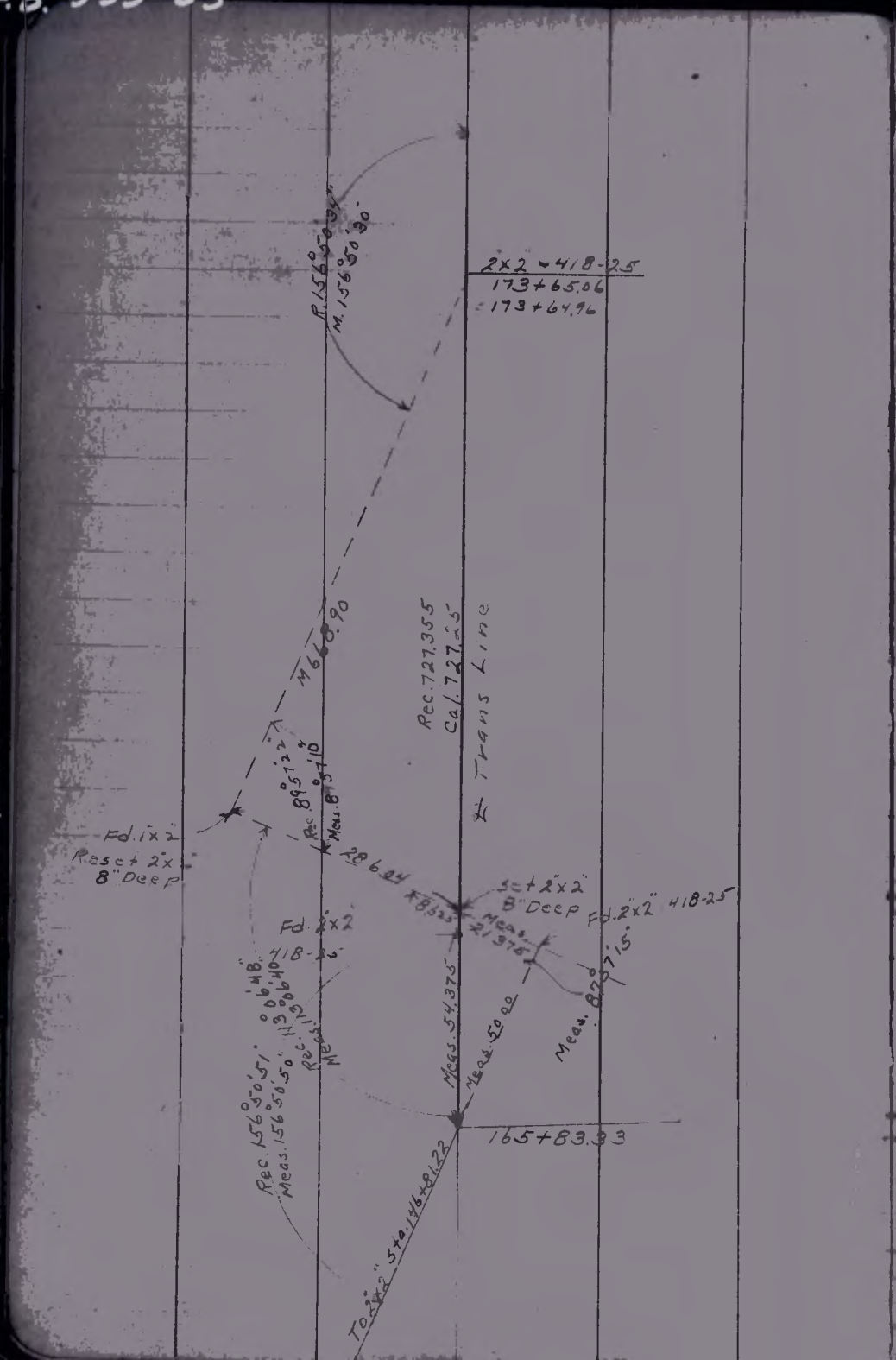
Set L+T.

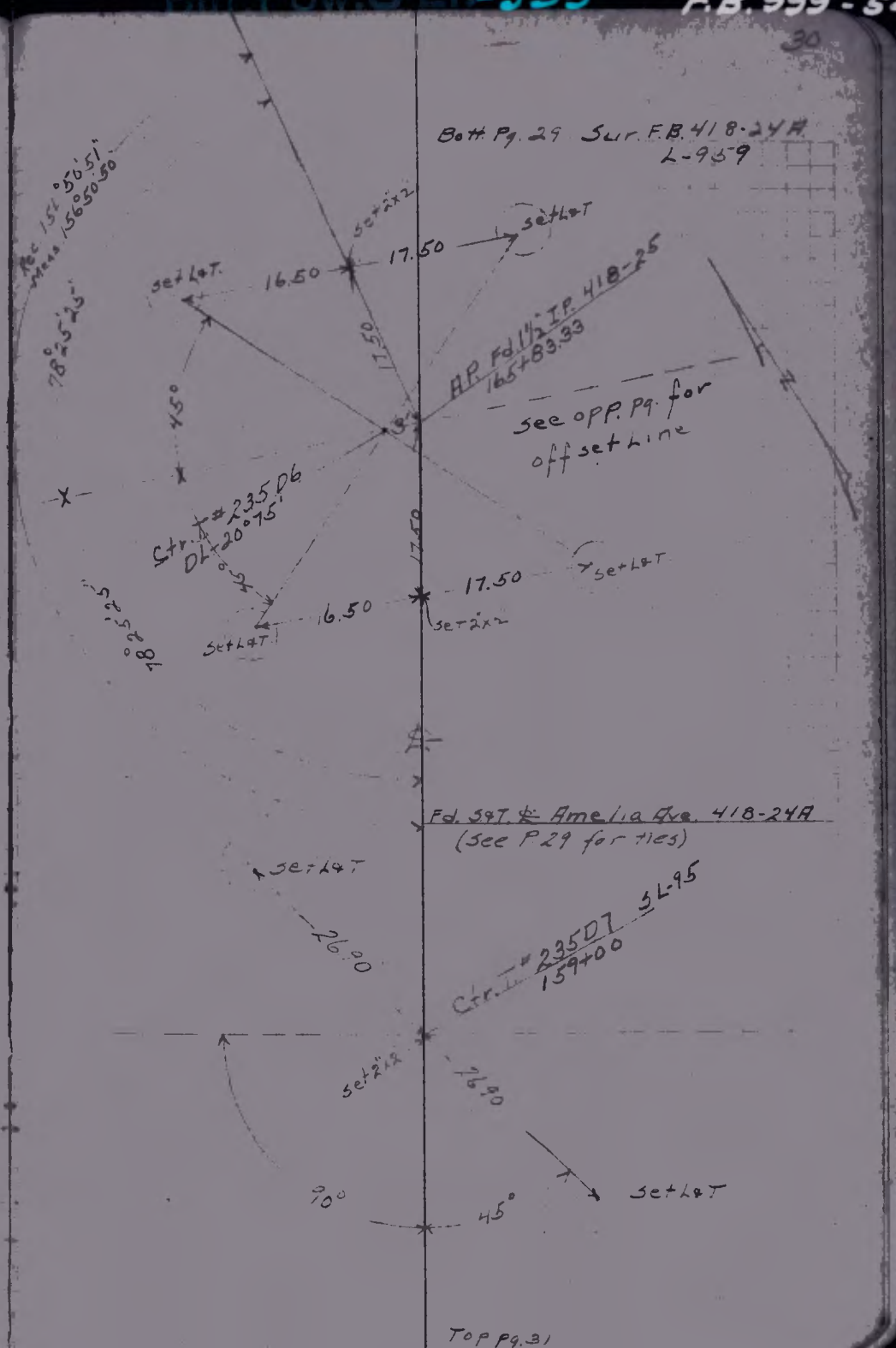
90°

45°

Fd. 0.42"x2" Set 2x2 418-25 173+65.06

Top Pg. 30


2x2 = 418-25
173+65.06
= 173+64.96
R. 156°50'34"
M. 136°50'30"
M 668.90
Rec. 727.355
Cal. 727.25
℄ Trans Line
Rec. 89°12'
Meas. 89°10'
Fd. 1x2
Reset 2x
8" Deep
286.24
Set 2x2
8" Deep
Fd. 2x2 418-25
Meas. 21.375
Fd. 2x2
418-2
Meas. 87°37'15"
Meas. 54.375
Meas. 50.00
Rec. 156°50'51"
Meas. 156°50'50"
Rec. 113°06'48"
Meas. 113°06'40"
165+83.33
Top 2x2 Sta. 146+81.22


Bott. Pg. 29 Sur. F.B. 418-24A
L-959
Set 2x2
Set L&T
17.50
16.50
Rec. 151°50'51"
Meas. 156°50'50"
78°25'25"
45°
H.P. Fd. 1½ I.P. 418-25
165+83.33
See opp. Pg. for
offset line
Ctr. I. #235 D6
D1 20°75'
17.50
16.50
Set L&T
Set 2x2
Fd. Sgt. ℄ Amelia Ave. 418-24A
(See P.29 for ties)
Set L&T
26.00
Ctr. I. #235D7
159+00
SL-95
Set 2x2
26.00
90°
45°
Set L&T
Top Pg. 31

Fd 2x2 418-24
146+81.22

6'

set 2x2 in pit
Fd 1x2

90°

℄ Trans. Line
Cal. 564.84
418-24-564.72

6'

Y + Offset Line Y
Meas. 548.42

418-24-548.33

Meas. 159°53'50"

418-24-159°53'50

set 2x2 in pit
Fd. 1x2

17.78

A.P. Fd 1½" I.P. 418-2
141+16.38

T. 2 I.P. 418-B
T#236 D3

Bott. Pg. 30 Sur. 418-24A
Fd. 2x2" - 418-24A L-959
151+37

Water & T

26.90

Ctr. T. # 236 D1 56°-95
149+70

set 2x2

26.90

45°

set L & T

90°

see opp pg. for offset line

Rec. 159°53'50"
Meas. 159°53'50"

set L & T

17.00

set 2x2

17.00

set L & T

17.40

A.P. Fd 1½" I.P. 418-24
141+16.49 - 141+16.38

Ctr. T. # 236 D2
DL-20°75'

17.40

45°

set L & T

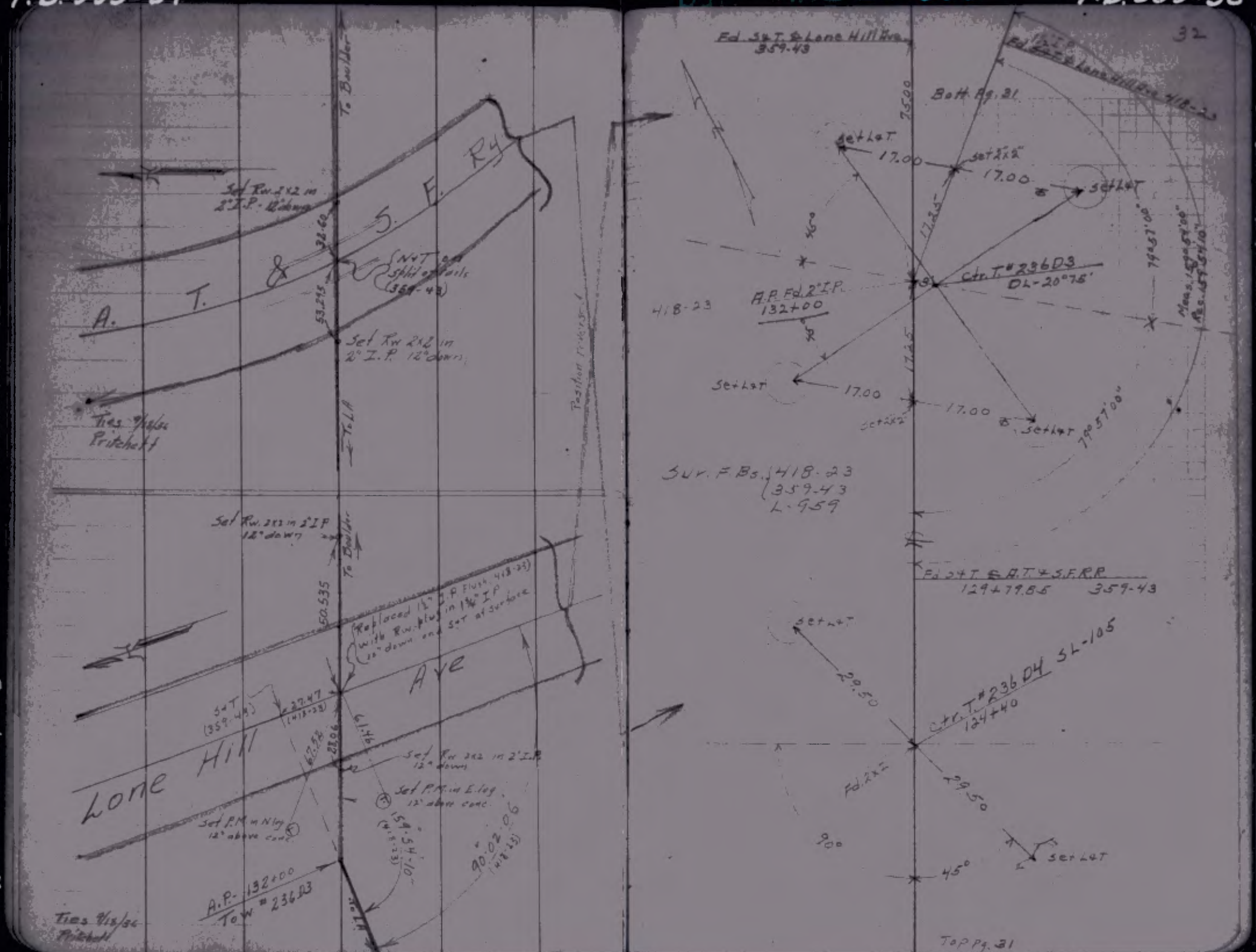
17.00

17.00

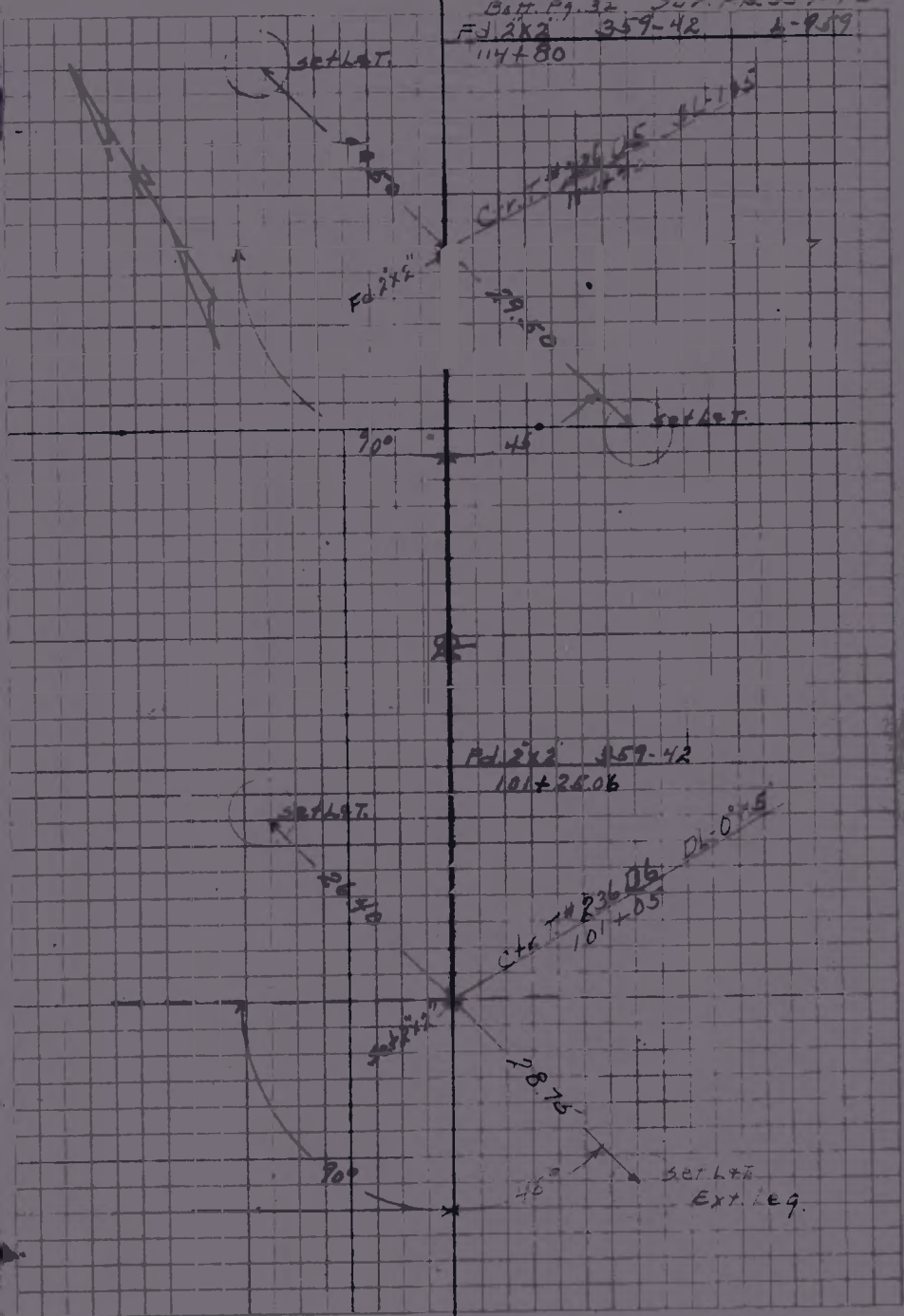
set 2x2

set L & T

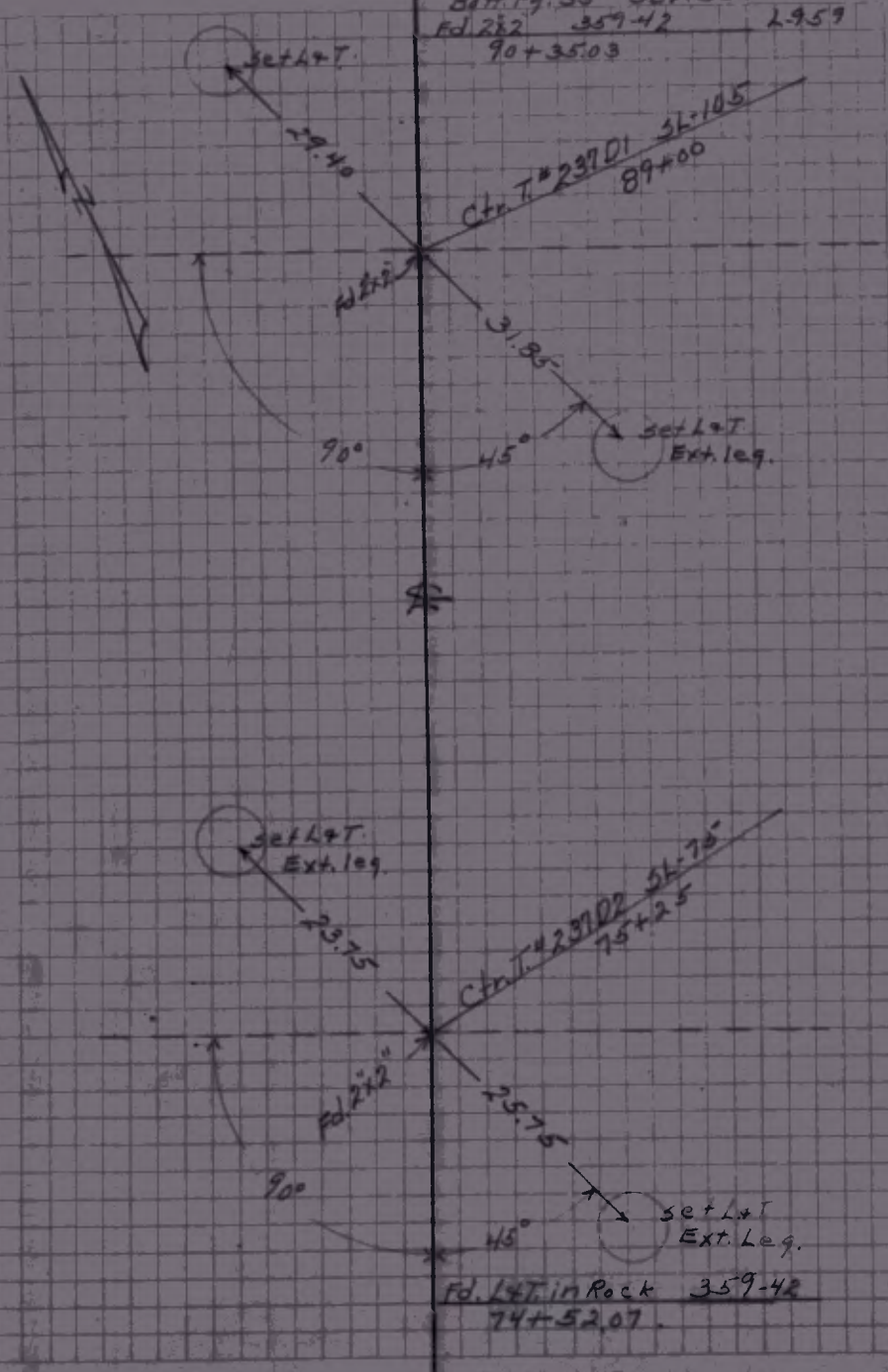
Top of 32


A. T. & S. F. Ry
To Boulder
Set Rw 2x2 in 2" I.P. 12" down
N+T on split of rails (359-43)
Set Rw 2x2 in 2" I.P. 12" down
Ties 9/18/56 Pritchett
Position reversed
Set Rw. 2x2 in 2" I.P. 12" down
Replaced 1½" I.P. Flush (418-23) with Rw. plug in 1¾" I.P. 12" down and Set at surface
Lone Hill Ave
Set Rw 2x2 in 2" I.P. 12" down
Set P.K. in E. log 12" above conc.
Set P.K. in N log 12" above conc.
A.P. 132+00
Tow. #23603
Ties 9/18/56 Pritchett
Fd. S+T & Lone Hill Ave. 359-43
Bott. Pg. 31
Set L+T
Set 2x2
Ctr. T. #23603 DL-20°75'
A.P. Fd. 2" I.P. 132+00
418-23
Sur. F.Bs. 418-23 359-43 L-959
Fd. S+T & A.T.+S.F.R.R. 124+79.86 359-43
Ctr. T. #23604 SL-105 124+40
Fd. 2x2
Top Pg. 31
Sur. F.B. 987-83
Sur. F.B. 987-83

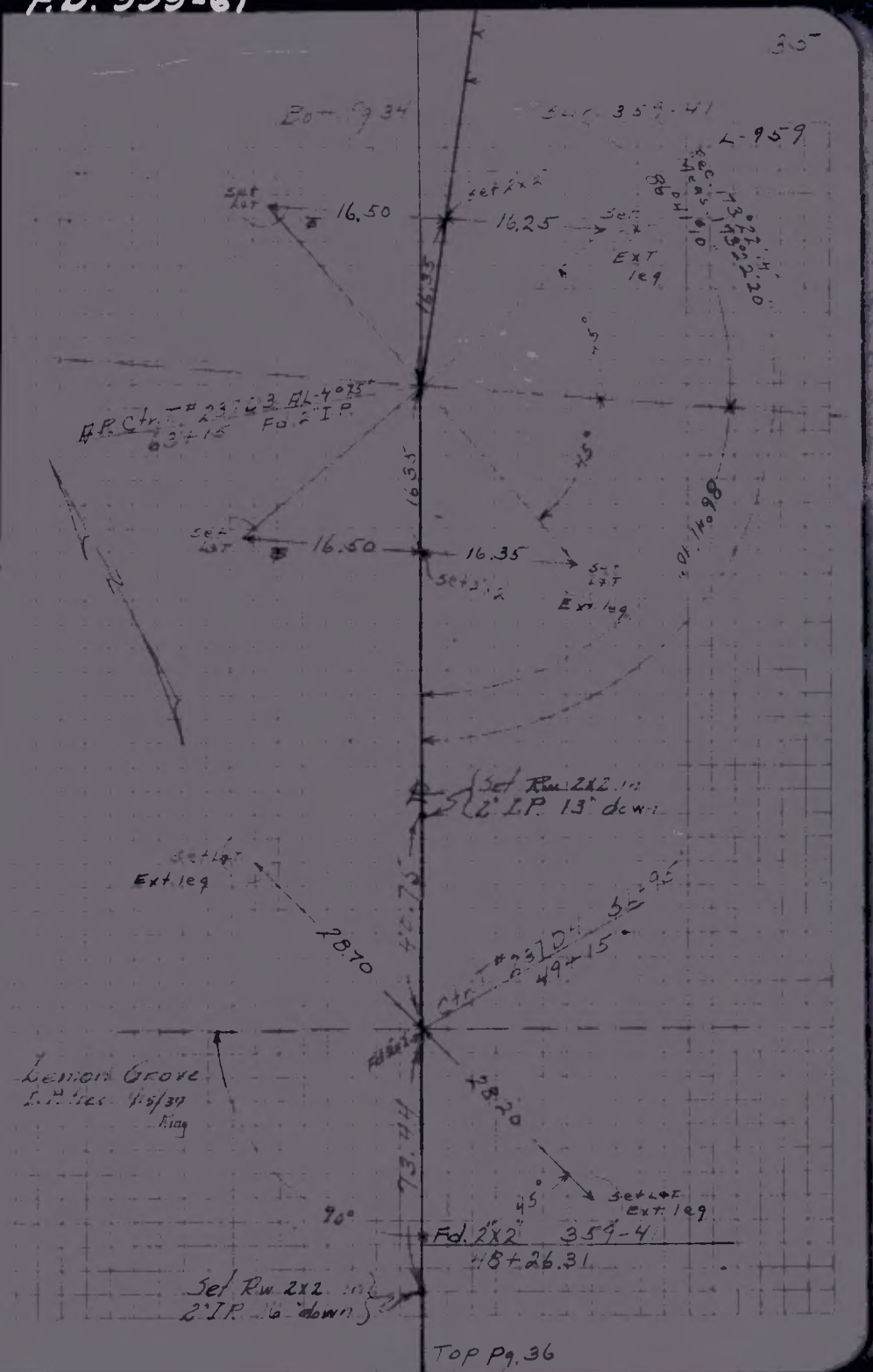
Batt. Pg. 32 Sur. F.B. 359-42
Fd. 2x2 359-42 L-959
114+80



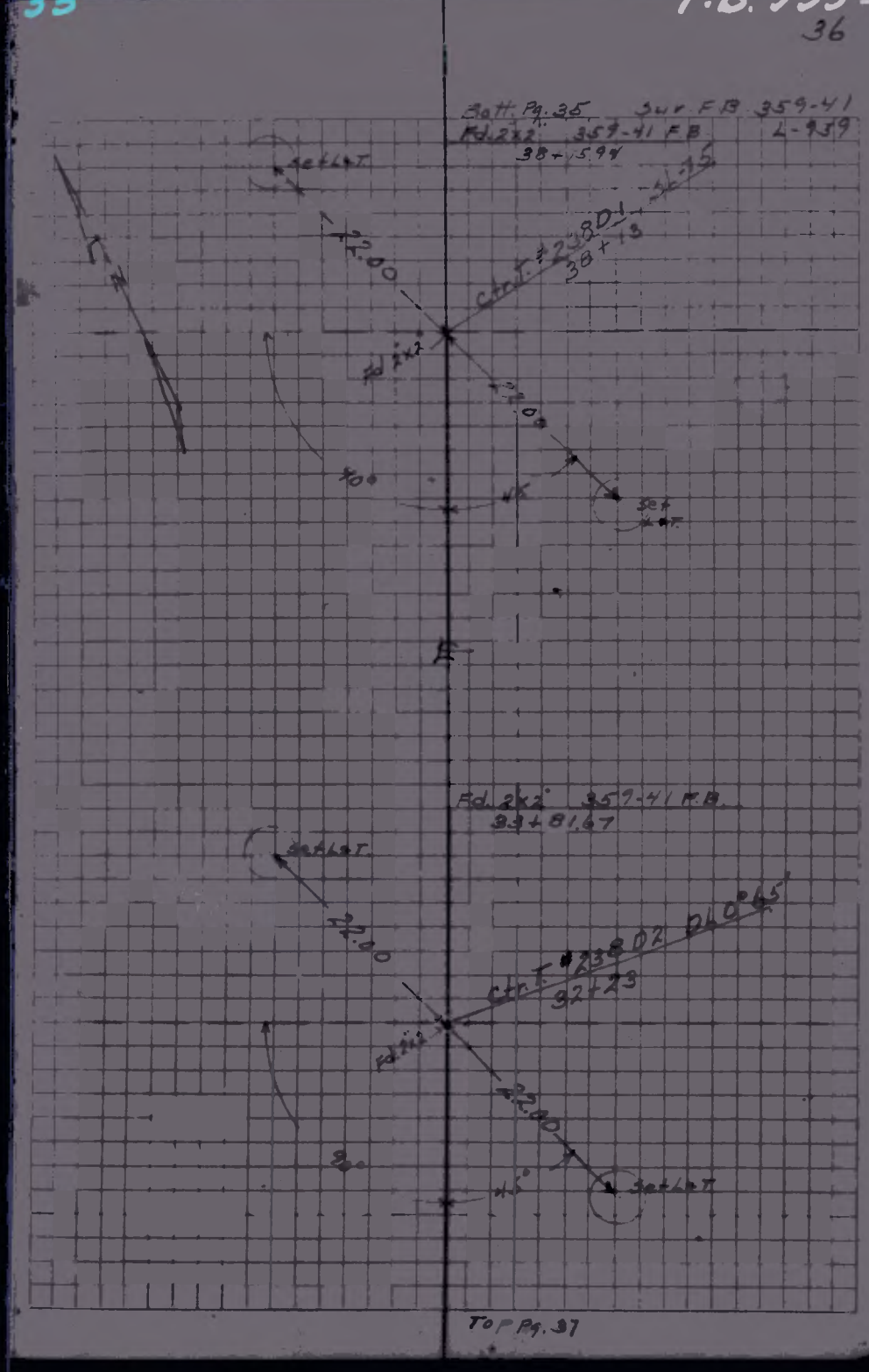
Batt. Pg. 33 Sur. 359-42
Fd. 2x2 359-42 L-959
90+35.03



Fd. L&T. in Rock 359-42
74+52.07



Top Pg. 36



Top Pg. 37

Bot Pg 36

FP 359-4
4-959

Fd 50 — 359 Pg 40
16+55.88 Map

Set Rw 2x2 in
2" I.P. 15' deep

Fd 2" I.P.
359-40

Fd 2" I.P.
359-40

Mag 30 B.32

Cucamonga Ave

Mt Baldy

Fd 2" I.P.
359-40

To Bailey

Set Rw 2x2 in
2" I.P. 12' deep

S.of T (329-4
Replaced by Rw
2x2 in 2" I.P.
12" down with S.T.
at surface

Exposit

Glendora

Ave

Set Rw 2x2 in
2" I.P. 14' deep

Tiles Water
Mitchell

Fd 2" I.P.
in pit

Fd 2" I.P.
359

Fd 2" I.P.
359

Sta 22+84

Sta 32+2 visible
from here

Set Rw 2x2 in
14' deep

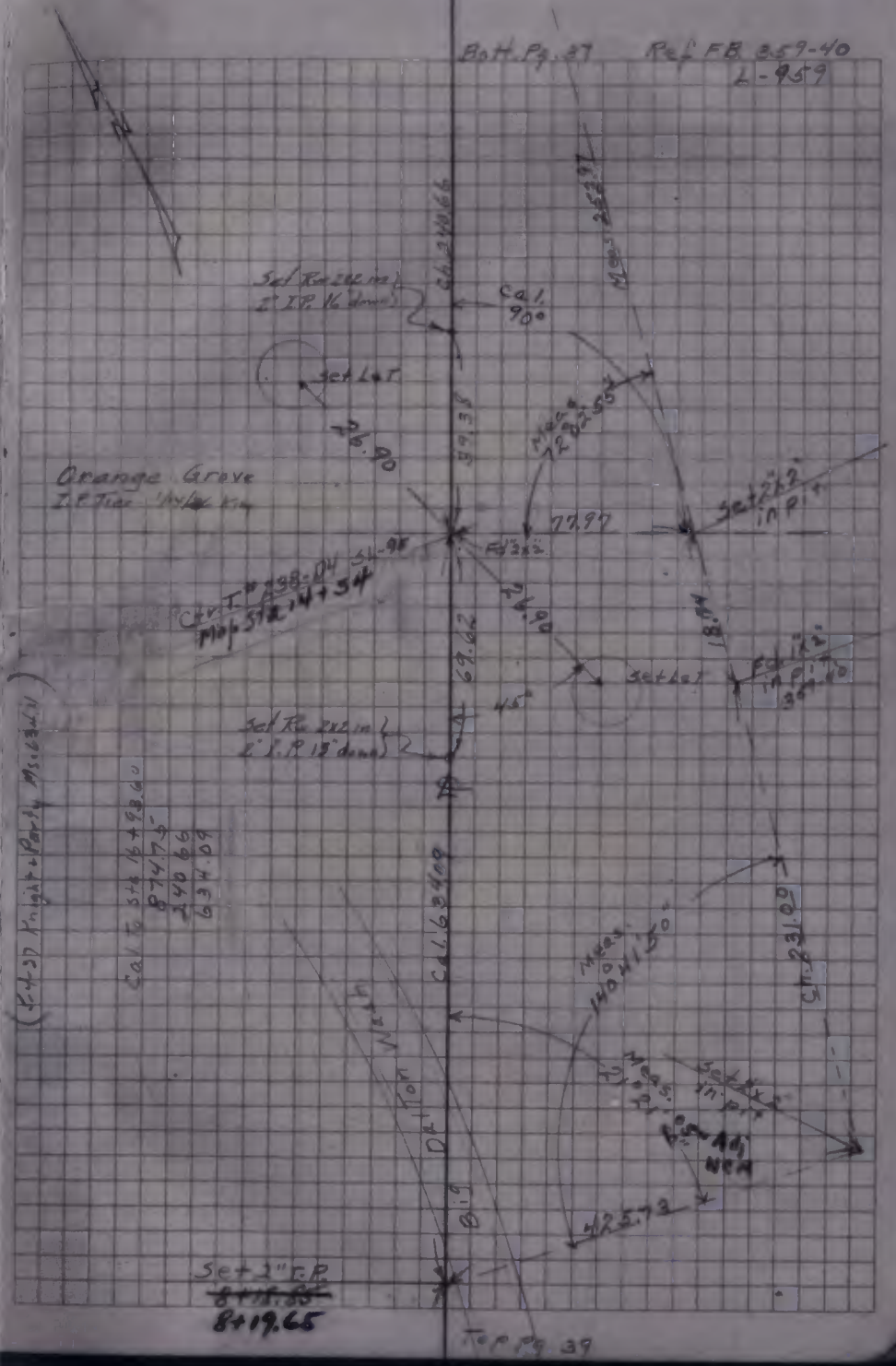
962.78 calc
from P.C. line
traverse men.

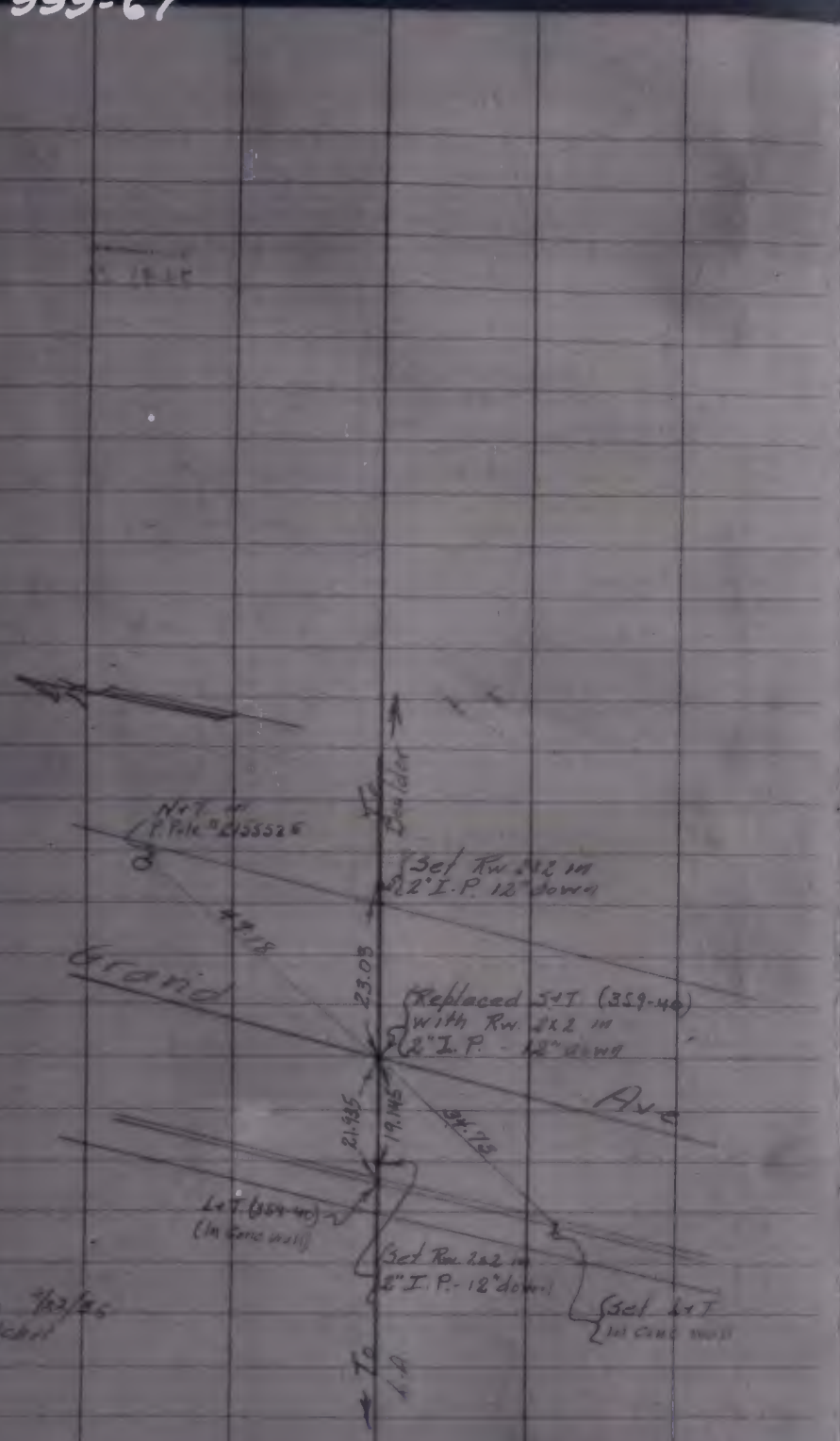
Sta 32+23 visible from here

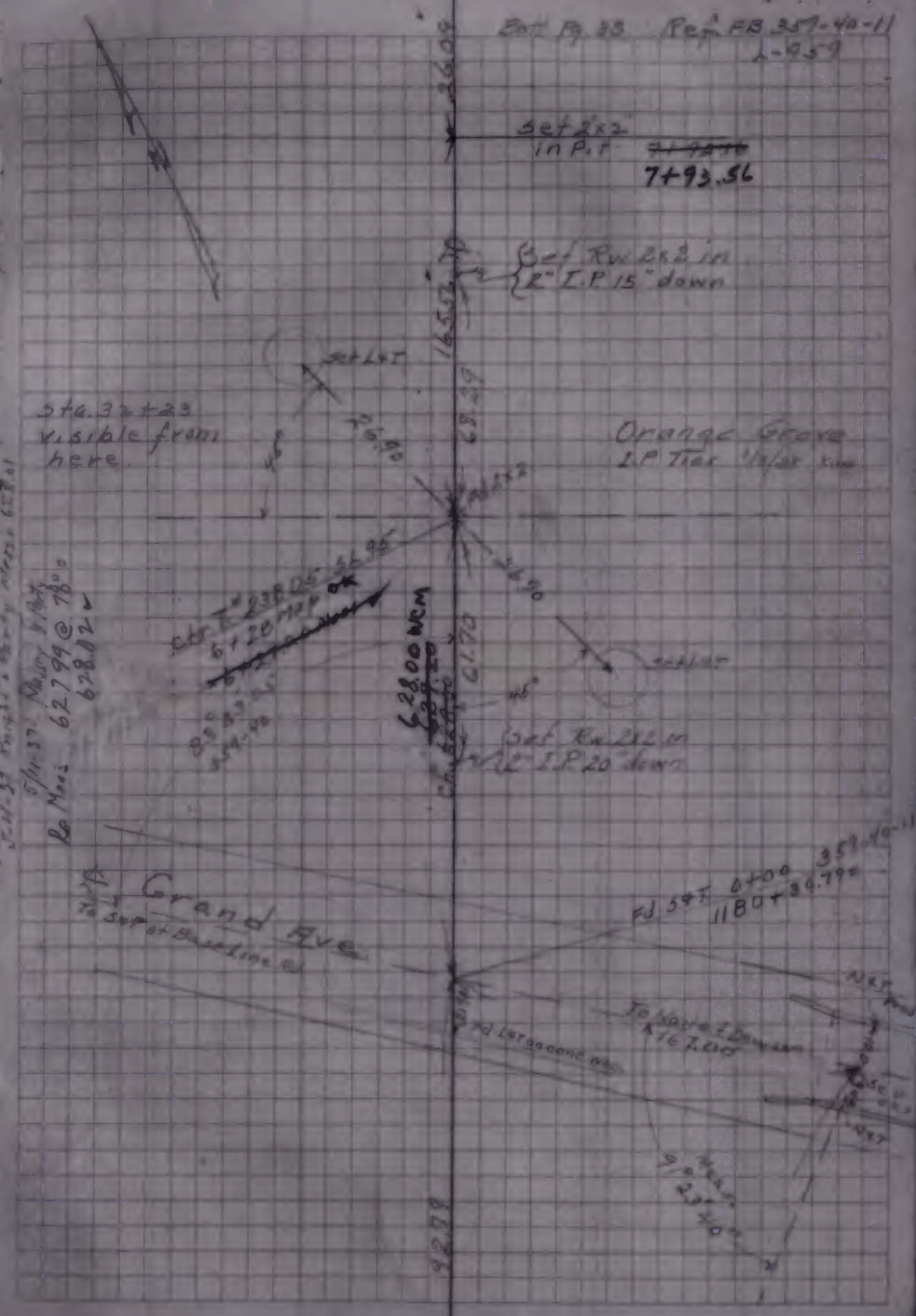
Pg 2x2 in pit
16+93.60 Map

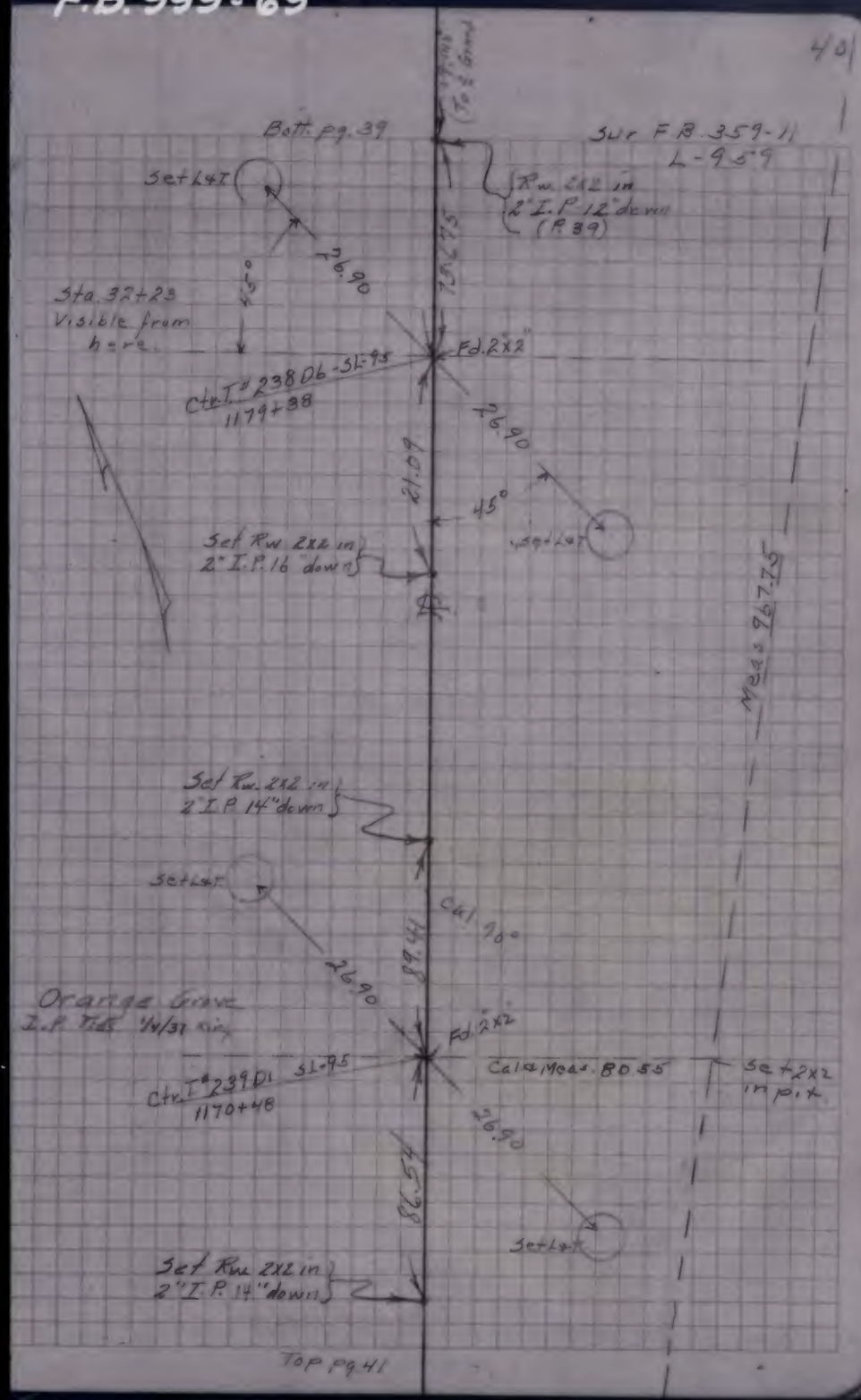
Top Pg 38

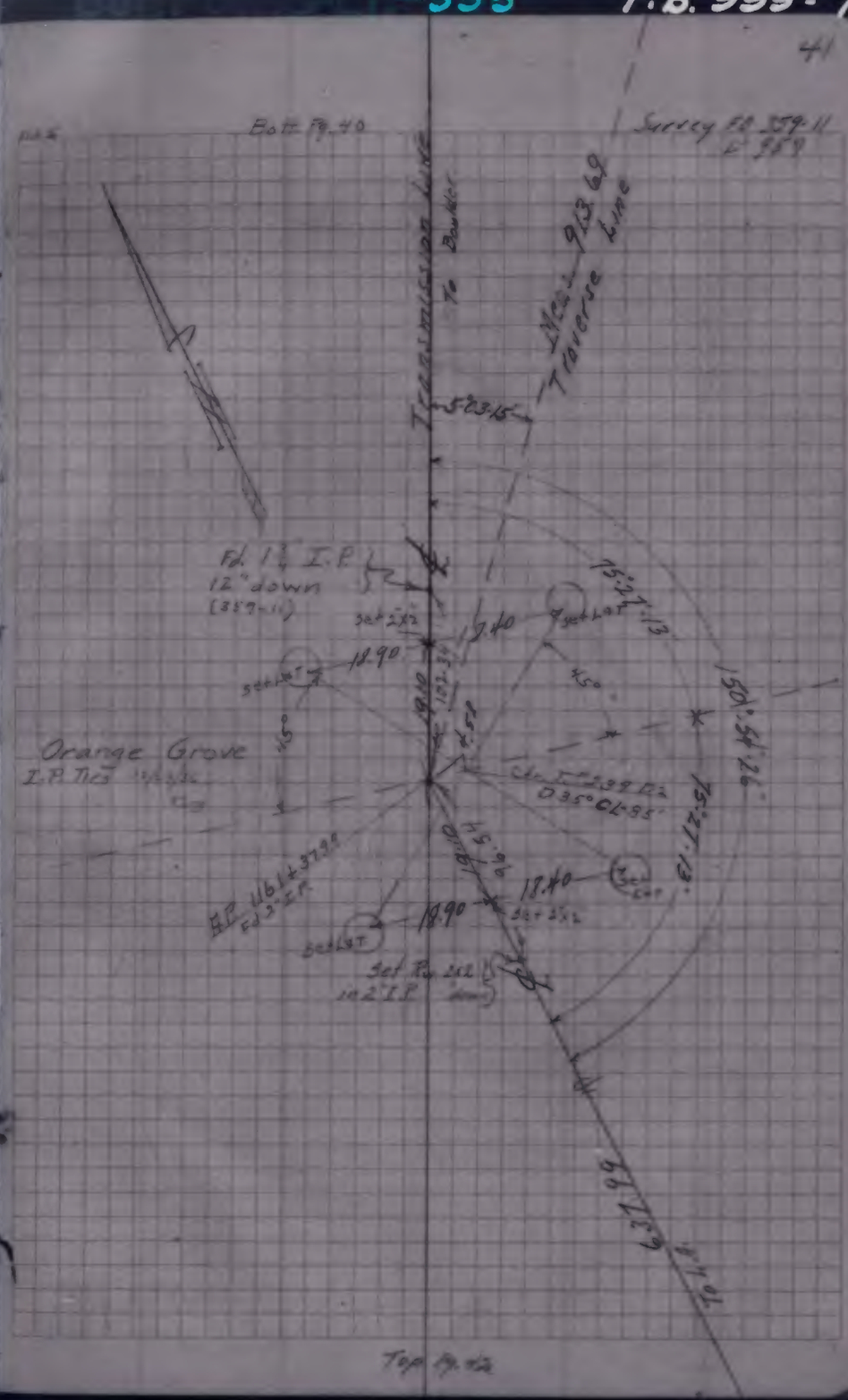
Knight .65 long
Mugsby 1.32 long
Abbott .60 long
Miller traverse .885

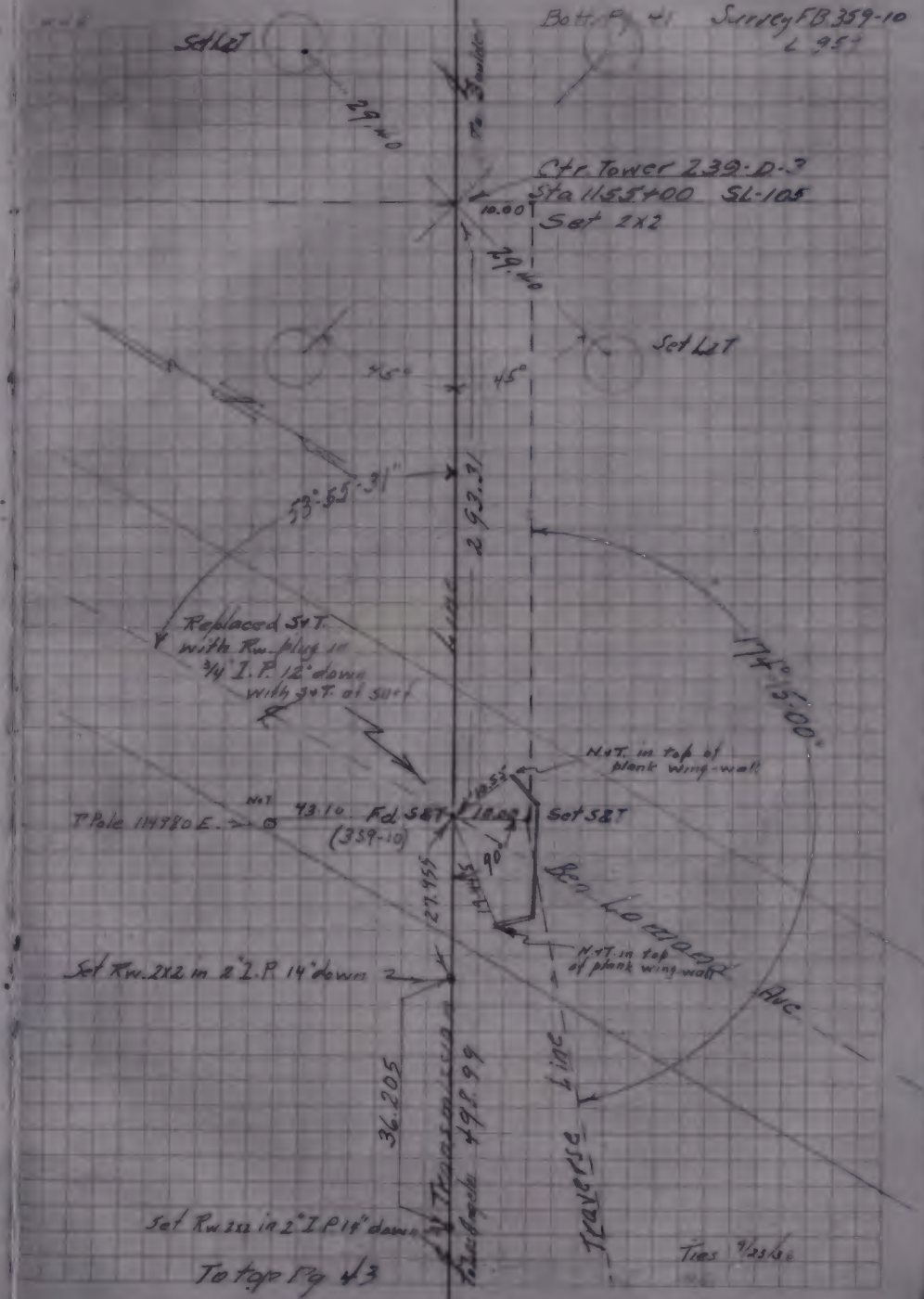

Bot. Pg. 37
Ref FB 859-40
L-959
Meas. 252.97
Cal. 90°
Set Re 2x2 in 2" I.P. 16' deep
Set L & T
Meas. 12 00 55
Orange Grove
I.P. Tie
Set 2x2 in P.
77.97
Set 2x2 in P.
Cut T. #498-04 54.98
Map Sta. 14+54
Set Lat
Set 2x2 in I.P. 389.40
45°
Set Re 2x2 in 2" I.P. 15' deep
Cal. 6.9400
Meas. 140 41 50°
Meas. 12 00 55
Set 2x2 in P.
Set Lat
Set 2" I.P.
8+19.65
To P. Pg. 39

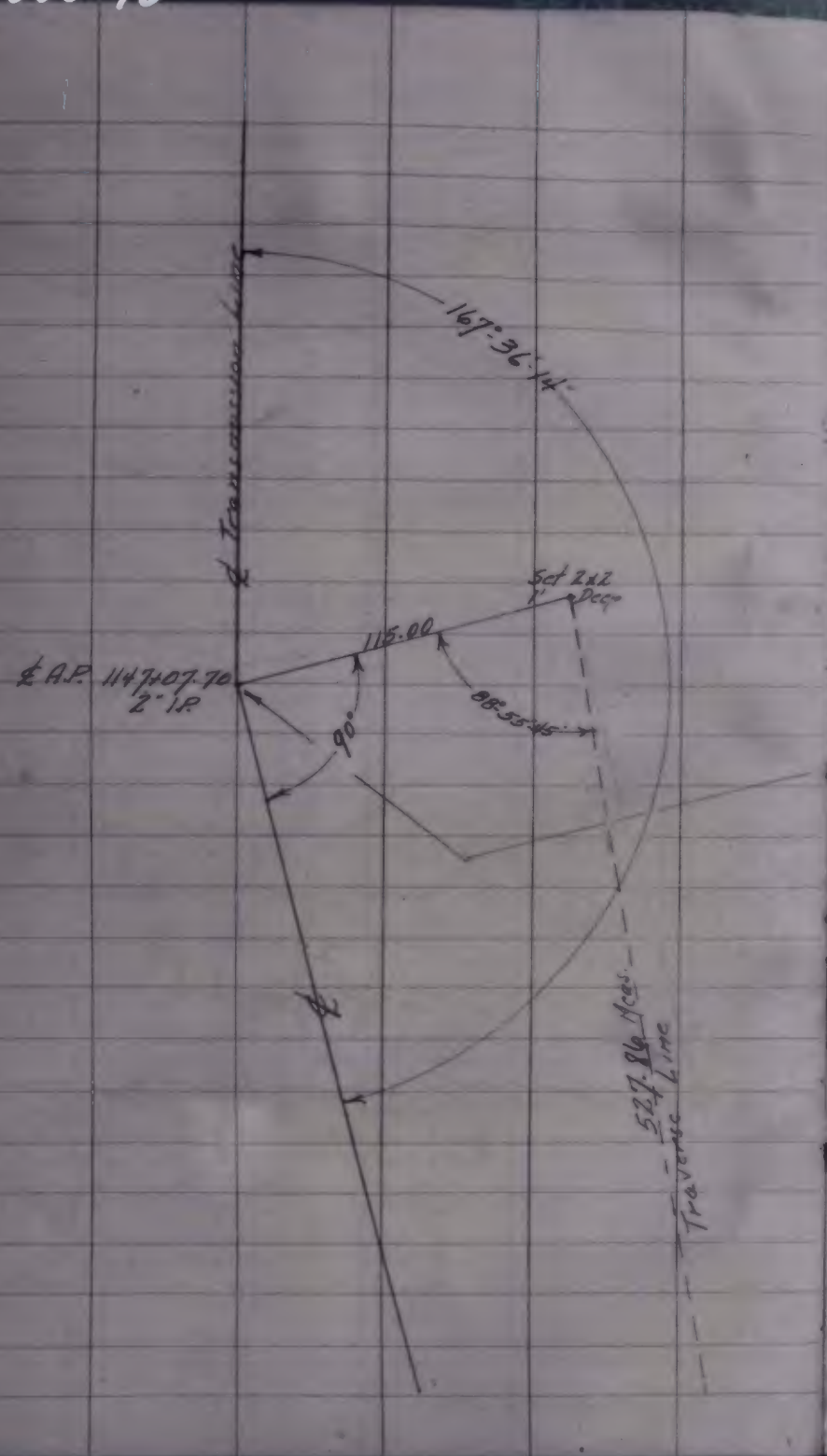

Set Rw 2x2 in
2" I.P. 12" down
Grand
Ave
23.03
Replaced L+T (359-40)
with Rw 2x2 in
2" I.P. - 12" down
21.785
19.145
L+T (359-40)
(In Conc wall)
Set Rw 2x2 in
2" I.P. - 12" down
Set L+T
(in conc wall)
To


Bott Pg. 33 Ref FB 359-40-11
L-959
Set 2x2
in P.I.
7+93.56
Set Rw 2x2 in
2" I.P. 15" down
Set L+T
Sta. 32+23
visible from
here.
Orange Grove
Set L+T
Set Rw 2x2 in
2" I.P. 20" down
Grand Ave
Set at Baseline
Fd L+T 6+00
11B0+34.79
To Point Down
A 16.00
To Pg 40

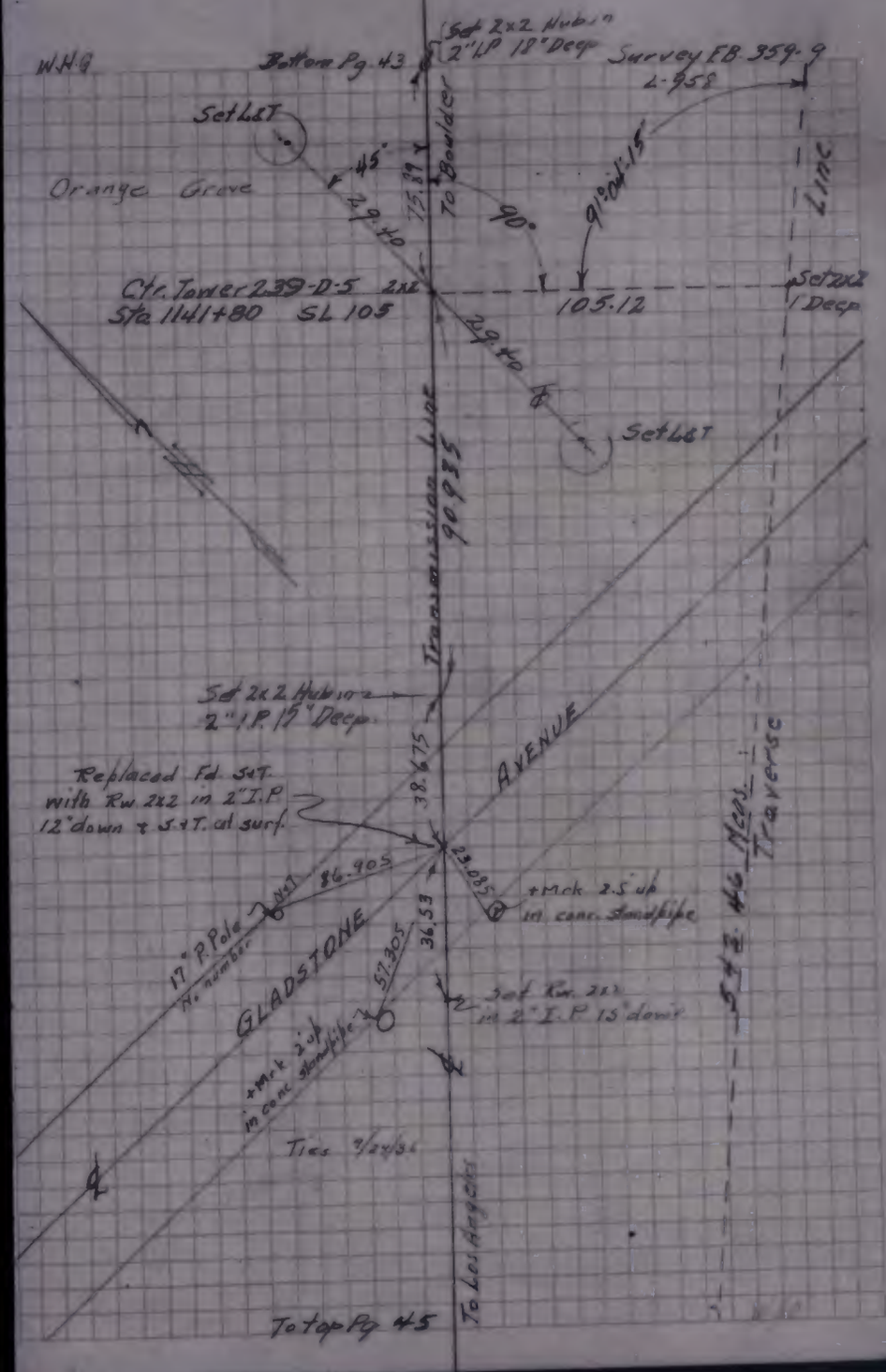

Bott. pg. 39
Sur F.B. 359-11
L-9.5.9
Rw. 2x2 in
2" I.P. 12" down
(R 39)
Set L&T
26.90
Sta. 32+23
Visible from
here
Fd. 2x2
Ctr. T# 238 D6 - 31.95
1179+38
26.90
21.09
45°
Set Rw. 2x2 in
2" I.P. 16" down
Meas 967.75
Set Rw. 2x2 in
2" I.P. 14" down
Set L&T
26.90
Calc. 90°
29.41
Orange Grove
I.P. Tie 1/4/31 rin
Fd. 2x2
Ctr. T# 239 D1 31.95
1170+48
Calc. Meas. 80.55
Set 2x2
in pix
26.90
Set L&T
Set Rw. 2x2 in
2" I.P. 14" down
Top pg. 41

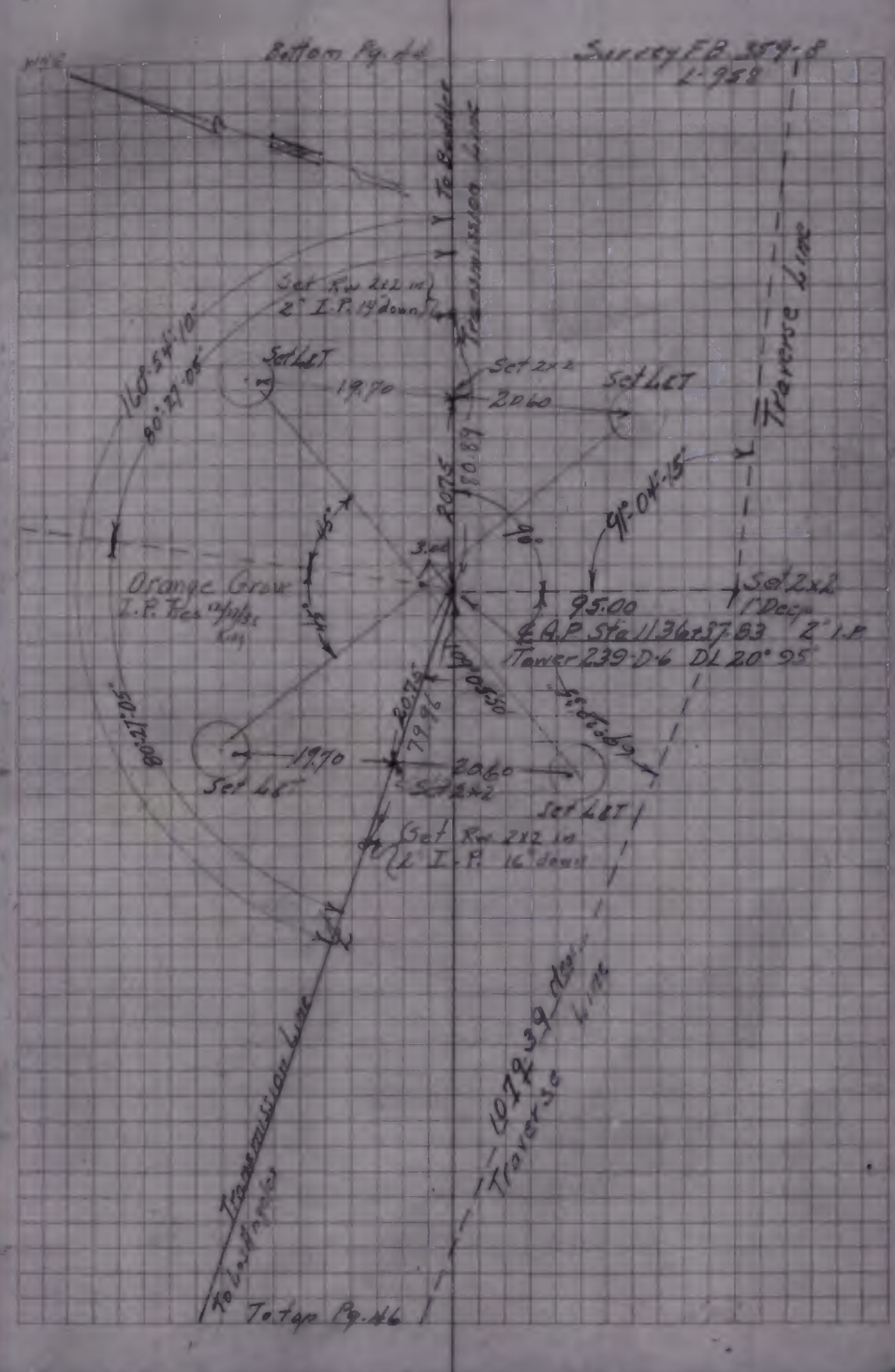

Bott. pg. 40
Survey F.B. 359-11
L-9.5.9
Meas. 913.69
Traverse Line
Transmission Line
To Boulder
523.15
Fd. 1¼" I.P.
12" down
(359-11)
Set 2x2
18.90
Set L&T
45°
Orange Grove
I.P. Ties 1/4/31
Ctr. T# 238 E2
035° 06.95
75°27'13"
150°54'26"
H.P. 1161+37.99
Fd. 3" I.P.
18.40
Set 2x2
Set Rw. 2x2
in 2" I.P.
Top pg. 42

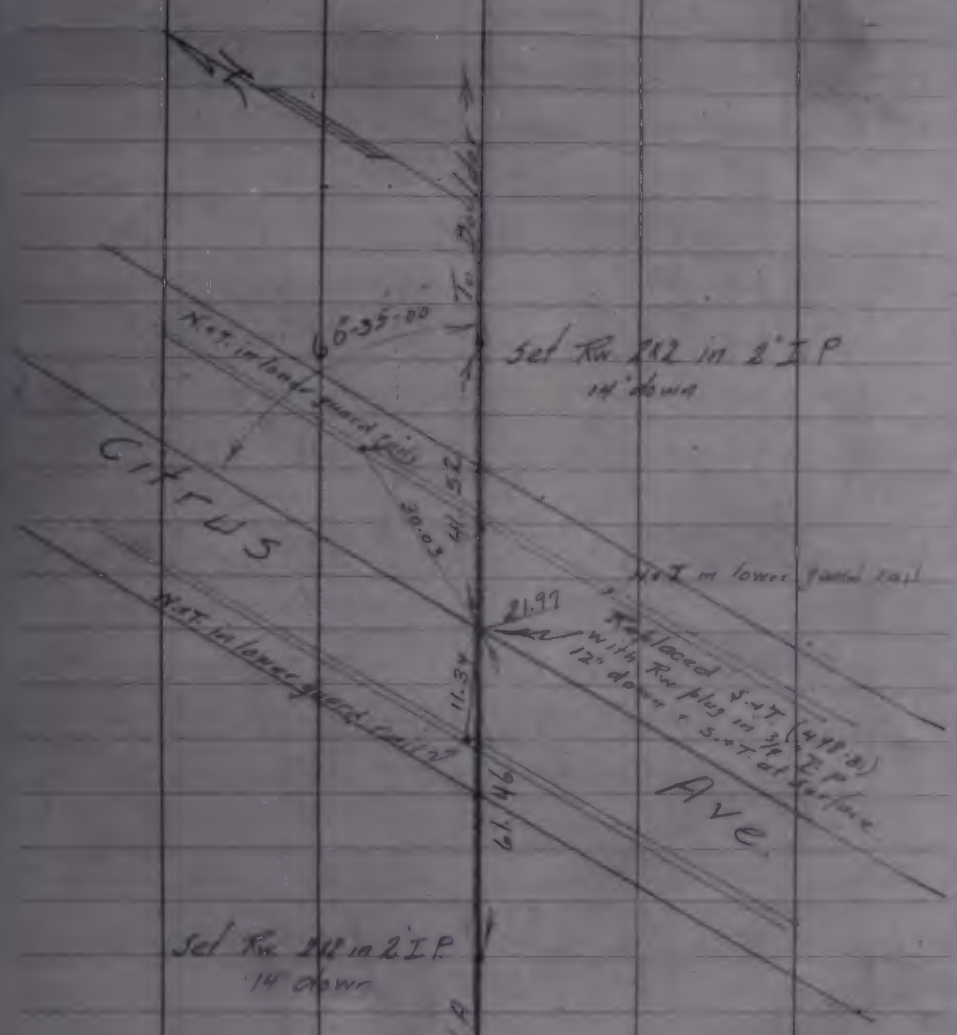

Both Pg 41
Survey FB 359-10
L 957
Set L&T
29.40
To Sandy
Ctr. Tower 239-D-3
Sta 1155+00 SL-105
Set 2x2
10.00
29.40
Set L&T
45°
45°
53°-55'-31"
2 53.31
Line
Replaced S&T.
with Rw. plug in
3/4" I.P. 12" down
with S&T. at surf
174°-15'-00"
N&T. in top of
plank wing-wall
T Pole 114780 E.
N&T
43.10
Fd S&T
(359-10)
18.05
Set S&T
90°
Ben to Bridge
N&T. in top
of plank wing wall
Set Rw. 2x2 in 2" I.P. 14" down
Line
36.205
Transmission
Traverse
Set Rw 2x2 in 2" I.P. 14" down
To top Pg 43
Ties 9/23/46

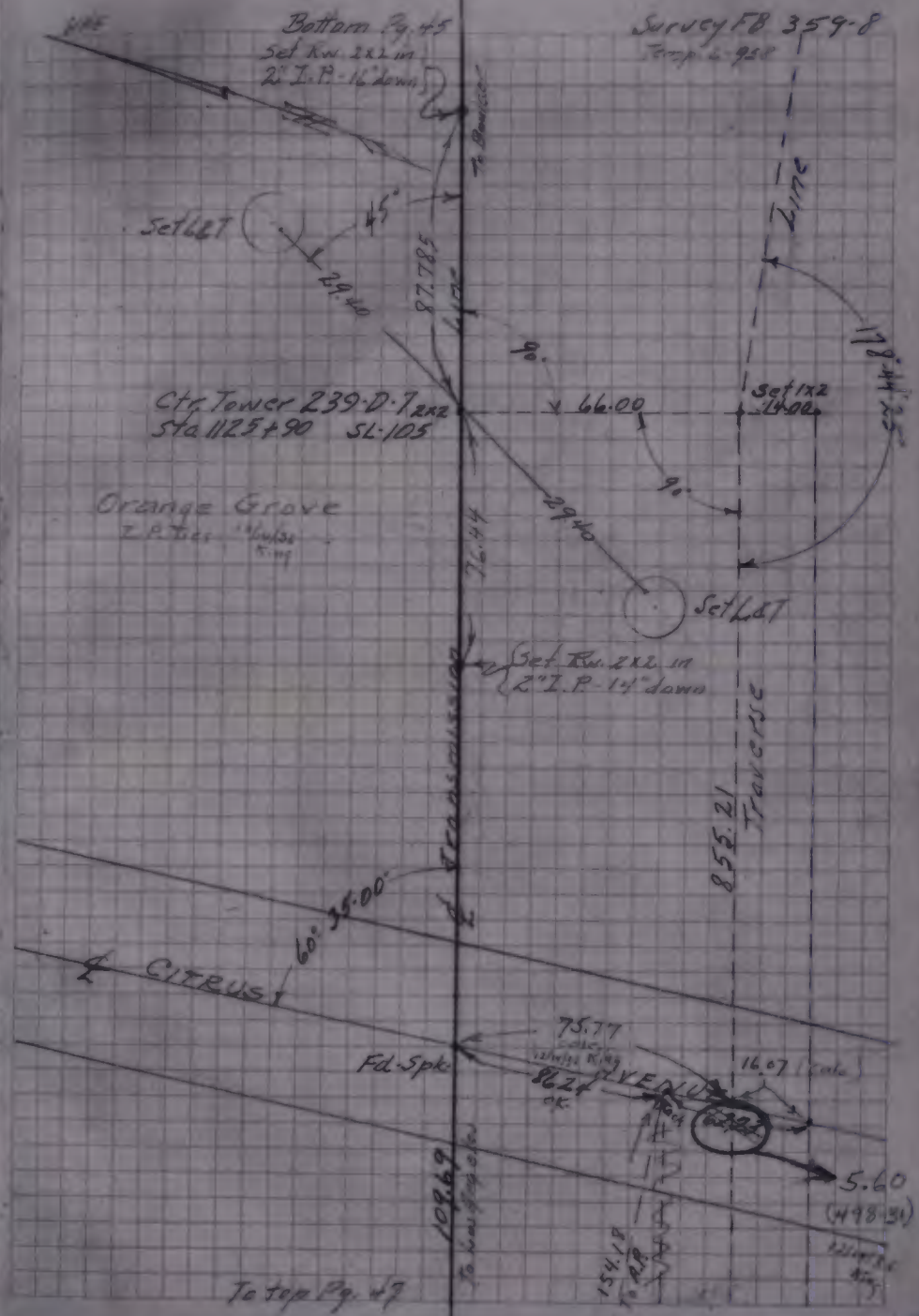

167°36'14"
℄ Transmission Line
Set 2x2
2" Deep
115.00
℄ A.P. 114+07.70
2" I.P.
90°
88°55'45"
527.86 Meas.
Traverse Line

Bottom Pg. 42
Survey F.B. 359-9
L-358
To Sorter
Transmission Line
(Set Rw. 2x2 in
2" I.P. 14" down
167°36'14"
501.52 Meas.
Traverse Line
83°49'07"
Set 2x2
Set LET
19.10
18.10
90°
92.03
84°15'00"
Fd. 2" I.P.
℄ A.P. Sta. 114+07.70
Tower 239-D-4 DL 10°03'
60.24
Set 2x2
Identical
92.775
Set LET
19.10
18.10
Set 2x2
Set LET
40°04'50"
Orange Grove
I.P. ties republic
Ring
Set Rw. 2x2 in
2" I.P. 16" down
To Pg. 44
To top Pg. 44

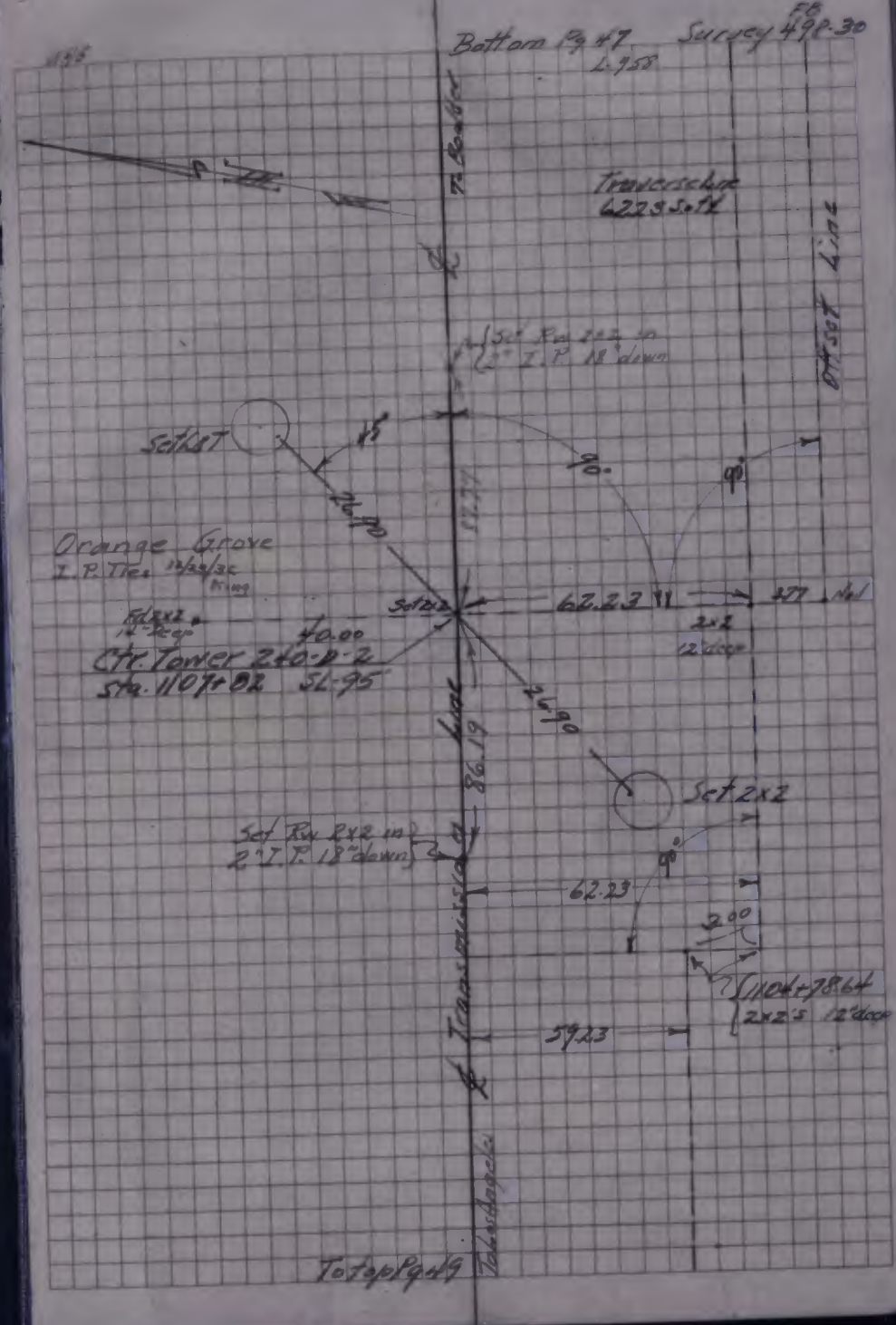

W.H.G.
Bottom Pg. 43
Set 2x2 Hub in 2" LP 18" Deep
Survey F.B. 359-9 L-958
Set LET
Orange Grove
45°
29 to
75.89
To Boulder
90°
91°04'15"
Line
Ctr. Tower 239-D-5 2x2
Sta 1141+80 SL 105
105.12
Set 2x2 1" Deep
29 to
Set LET
Transmission Line
90.985
Set 2x2 Hub in 2" I.P. 15" Deep.
Replaced Fd. S.T. with Rw 2x2 in 2" I.P. 12" down & S.T. at surf.
38.675
AVENUE
86.905
23.085
+Mck 2.5' up in conc. standpipe
17" P. Pole N. number
GLADSTONE
36.53
57.305
Set Rw 2x2 in 2" I.P. 15" down
+Mck 2' up in conc standpipe
Ties 3/24/36
To Los Angeles
Sta 2. 46 Mapes Traverse
To top Pg. 45

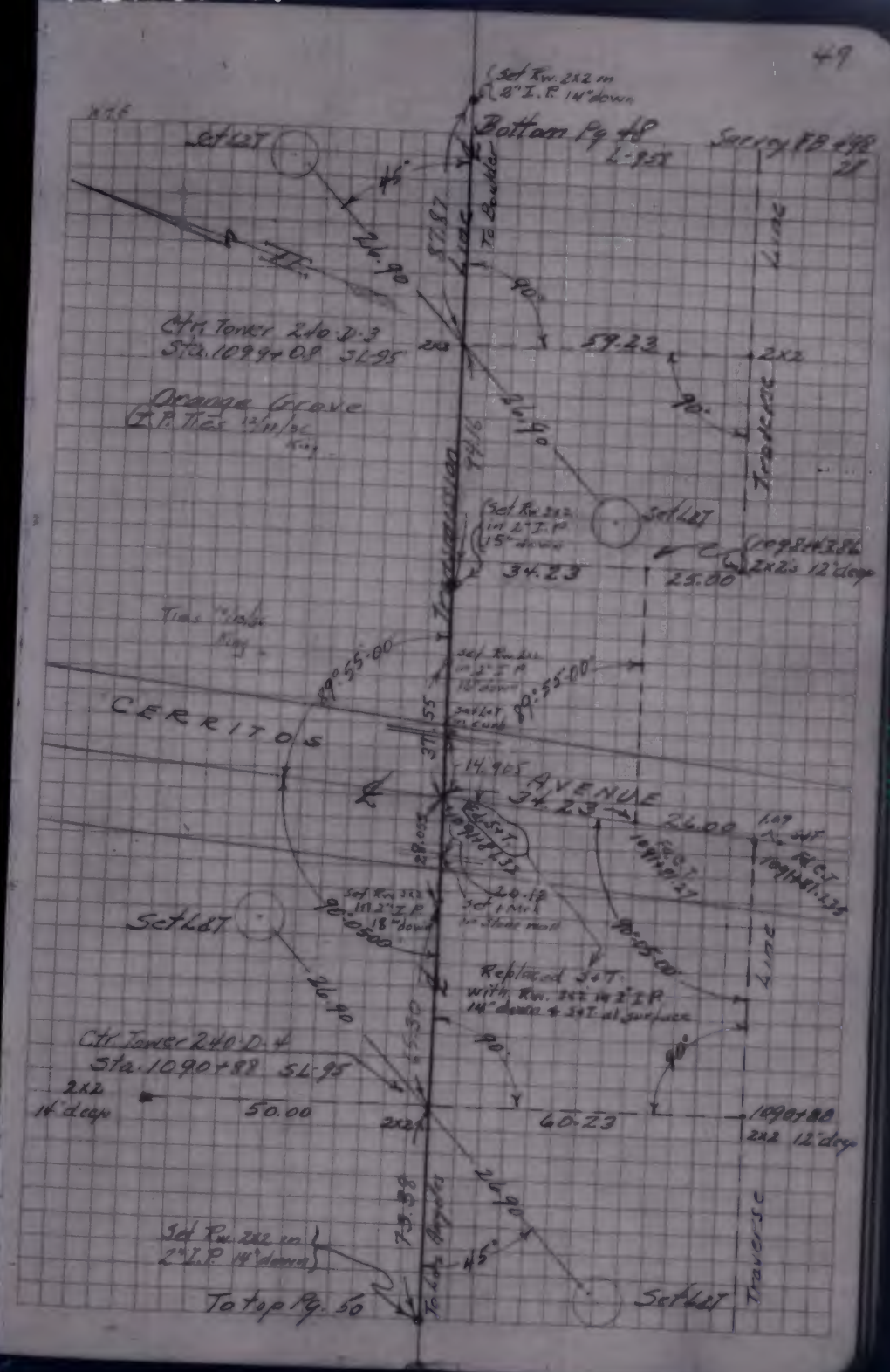

Bottom Pg. 44
Survey F.B. 359-8 L-958
Set Rw 2x2 in 2" I.P. 14" down
Transmission Line
To Boulder
Set LET
Set 2x2
19.70
20.60
Set LET
160°54'10"
80°27'05"
Traverse Line
20.75
75.89
91°04'15"
45°
90°
Orange Grove I.P. Ties 12/13/35 Km
95.00
Set 2x2 1" Deep
℄ A.P. Sta 1136+87.83 2" I.P.
Tower 239-D-6 DL 20°95'
Set 2x2
80°27'05"
20.75
79.96
19.70
20.60
Set LET
Set 2x2
Set LET
Set Rw 2x2 in 2" I.P. 16" down
Transmission Line
1079.39 Mapes Traverse Line
To Los Angeles
To top Pg. 46

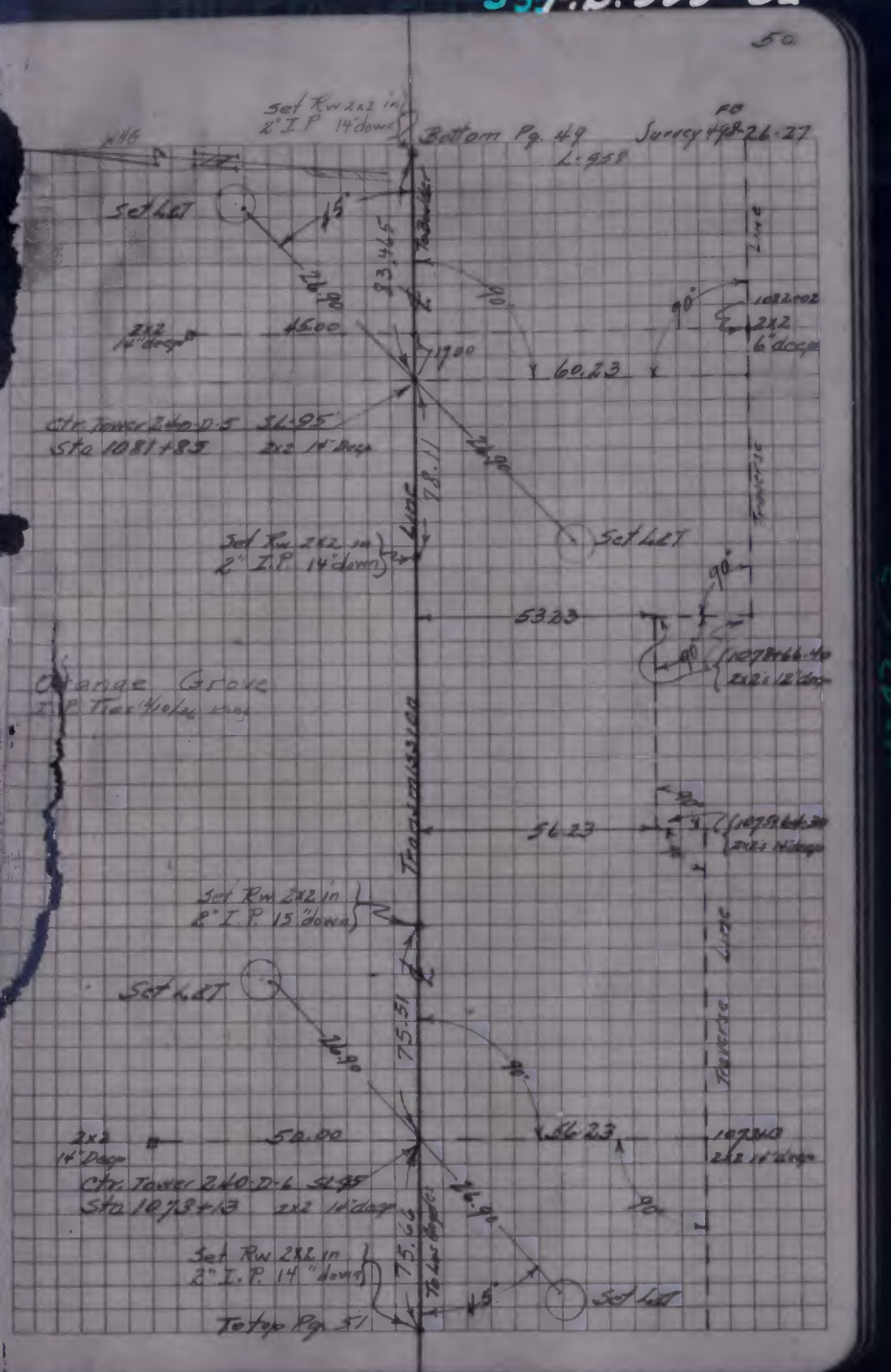

To Bolder
Set Rw. 2x2 in 2" I.P
14" down
N.S.T. in lower guard rail
6°-35'-00
CITRUS
20.03
41.52
N.S.T in lower guard rail
21.97
Replaced S.S.T (498-31)
with Rw plug in 3/4" I.P.
12" down + S.S.T. at surface
N.S.T. in lower guard rail
11.34
61.46
AVE.
Set Rw. 2x2 in 2" I.P.
14" down
To L.A.

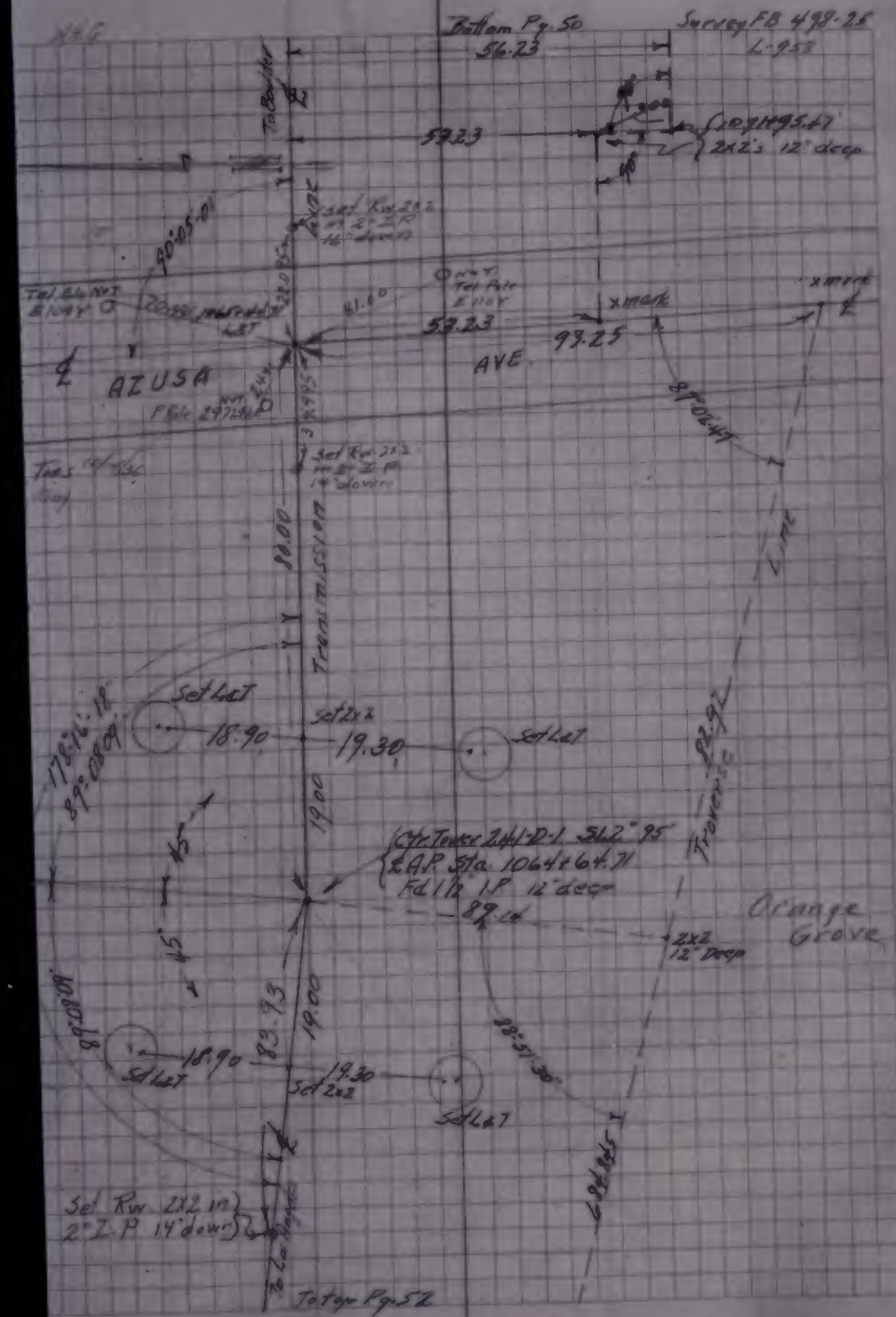

Bottom Pg. 45
Set Rw. 2x2 in
2" I.P. - 16" down
Survey FB 359-8
Set L&T
45°
29.40
87.785
Line
90°
Ctr. Tower 239-D-7 2x2
Sta 1125+90 SL:105
66.00
Set 1x2
14.00
17°44'25"
Line
Orange Grove
90°
29.40
76.44
Set L&T
Set Rw. 2x2 in
2" I.P. - 14" down
855.21
Traverse
60°-35'-00
CITRUS
75.77
16.07 (calc.)
Fd. Spk.
86.24
AVENUE
5.60
(498-31)
108.69
154.18
To top Pg. 47

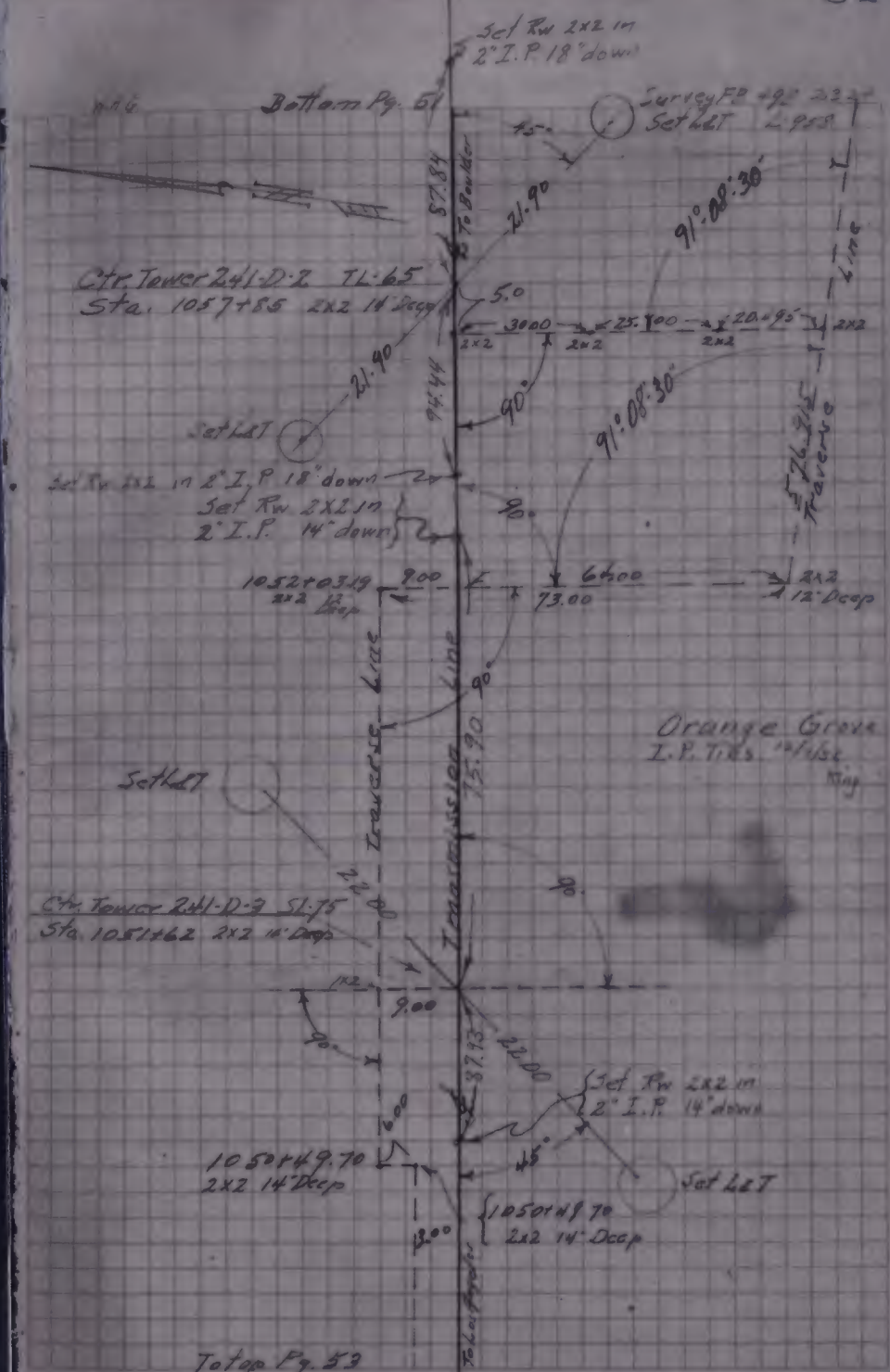
Bottom Pg. 46
Survey FB 498-31
To Boulder
Transmission Line
Set 1x2
Set 2x2
Set LBT
Orange Grove
I.P. Tree
Set Rw. 2x2 in 2" I.P. 14" down
Sta. 1107+82 Note Transmission
℄ A.P. 1116+65.74
1116+66.56
TOWER 240-D-1
D35° CL 95
Tolochenaco
To top Pg. 48
W.H.B.


Bottom Pg. 47
Survey FB 498-30
To Boulder
Transcriptor
Offset Line
Set Rw. 2x2 in 2" I.P. 18" down
Set LBT
Orange Grove
I.P. Tree
Ctr. Tower 240-D-2
Sta. 1107+82 SL-95
Set 2x2
Set Rw. 2x2 in 2" I.P. 18" down
Transmission Line
Tolochenaco
To top Pg. 49


Set Rw. 2x2 in 2" I.P. 14" down
Bottom Pg 48
Survey FB 498 21
Set L&T
45°
24.90
To Bowker
Line
90°
Ctr. Tower 240-D-3
Sta. 1099+08 SL-95
59.23
2x2
Orange Grove
I.P. Ties 12" in loc. Key
Traverse
Set Rw. 2x2 in 2" I.P. 15" down
Set L&T
34.23
25.00
2x2's 12" deep
Ties 14" Hole Key
89°55'00"
CERRITOS
AVENUE
14.925
34.23
26.00
Set L&T
Replaced L&T with Rw. 2x2 in 2" I.P. 14" down & L&T at surface
Ctr. Tower 240-D-4
Sta. 1090+88 SL-95
2x2 14" deep
50.00
60.23
1090+88
2x2 12" deep
To Line Angles
To top Pg. 50


Set Rw 2x2 in 2" I.P. 14" down
Bottom Pg. 49
Survey 498-26-27
L:958
Set L&T
45°
24.90
23.465
Traverse
Line
90°
2x2 14" deep
46.00
17.00
60.23
Ctr. Tower 240-D-5 SL-95
Sta 1081+83 2x2 14" deep
7.8.11
Set Rw 2x2 in 2" I.P. 14" down
Set L&T
53.23
Orange Grove
I.P. Ties 14" Hole key
Transmission
56.23
Set Rw 2x2 in 2" I.P. 15" down
Set L&T
75.51
2x2 14" Deep
50.00
56.23
Ctr. Tower 240-D-6 SL-95
Sta 1073+13 2x2 14" deep
75.66
To Line Angles
Set Rw 2x2 in 2" I.P. 14" down
Set L&T
To top Pg 51


Bottom Pg. 50
56.23
Survey FB 498-25
L-958
59.23
2x2's 12" deep
90°05'01"
Set Rw 2x2 in 2" I.P. 16" down
Tel. Pole
Cross marker
41.60
53.23
93.25
xmark
AZUSA
AVE.
Set Rw 2x2 in 2" I.P. 14" down
Transmission
Line
Set Lat
18.90
19.30
Set 2x2
178°16'18"
89°08'09"
Ctr. Tower 241-D-1 SL2.95
2 A.P. Sta. 1064+64.71
Fd 1/2 IP 12" deep
Orange Grove
2x2 12" Deep
83.93
19.00
Set Rw 2x2 in 2" I.P. 14" down
Tie to Page 52


Set Rw 2x2 in 2" I.P. 18" down
Bottom Pg. 51
Survey FB 492-23
Set Lat
L-958
45°
57.84
21.90
91°08'30"
Ctr. Tower 241-D-2 TL-65
Sta. 1057+85 2x2 14" Deep
5.0
30.00
25.100
20.195
2x2
90°
94.44
Set Lat
Set Rw 2x2 in 2" I.P. 18" down
Set Rw 2x2 in 2" I.P. 14" down
1052+03.19
2x2 12" Deep
9.00
64.00
73.00
2x2 12" Deep
Traverse Line
Transmission Line
75.90
Orange Grove
I.P. Ties
Set Lat
Ctr. Tower 241-D-3 SL.75
Sta. 1051+62 2x2 14" Deep
9.00
22.00
87.73
Set Rw 2x2 in 2" I.P. 14" down
1050+49.70
2x2 14" Deep
Set Lat
1050+49.70
2x2 14" Deep
3.00
Tie to Page 53

Set Rw 2x2 in 2" I.P. 14" down

Bottom pg. 52

Survey FB 491 21.22 Temp 2 963

1047+23.60 2x2 14" Deep

Set Let

1047+23.60 2x2 14" Deep

6' Off set line

Orange Grove I.P. Ties 10-3-36 King

Ctr 241-D-4 SL-85 Sta 1044+70

Set Rw 2x2 in 2" I.P. 14" down

Set Let

1/4 SEC LINE

To Ctr SEC 3 359.6

To 1/4 Sec Cor

Trans. Line & R/W

Set Rw 2x2 in 2" I.P. 12" down

Set Let

Set Let

Trans. Line AP Sta 1038+20.20 Ctr 241-D-5 Rt 4° 75 1½ IP 12" Deep

2x2 or Pickets 12" Deep

Orange Grove

R/W AP 1037+95.20 1½ IP

Set Let

Set Let

15' Offset line

To top Pg. 54

Set Rw 2x2 in 2" I.P. - 14" down

Bottom Pg 53

Survey FB 498 19.20 Temp 2 963

Set Let

1032+20 2x2

Ctr. 241-D-6 SL-75 Sta 1031+89 2x2 12" Deep

Orange Grove I.P. Ties 12-3-36 King

Set Let

1031+55 2x2 12" Deep

Set Rw 2x2 in 2" I.P. - 14" down

15' Offset Line

TRANSMISSION LINE

1026+85 2x2 12" Deep

Set Rw 2x2 in 2" I.P. 14" down

Set Let

Ctr 241-D-7 SL-75 Sta. 1025+90 2x2 12" Deep

Orange Grove I.P. Ties 2-3-36 King

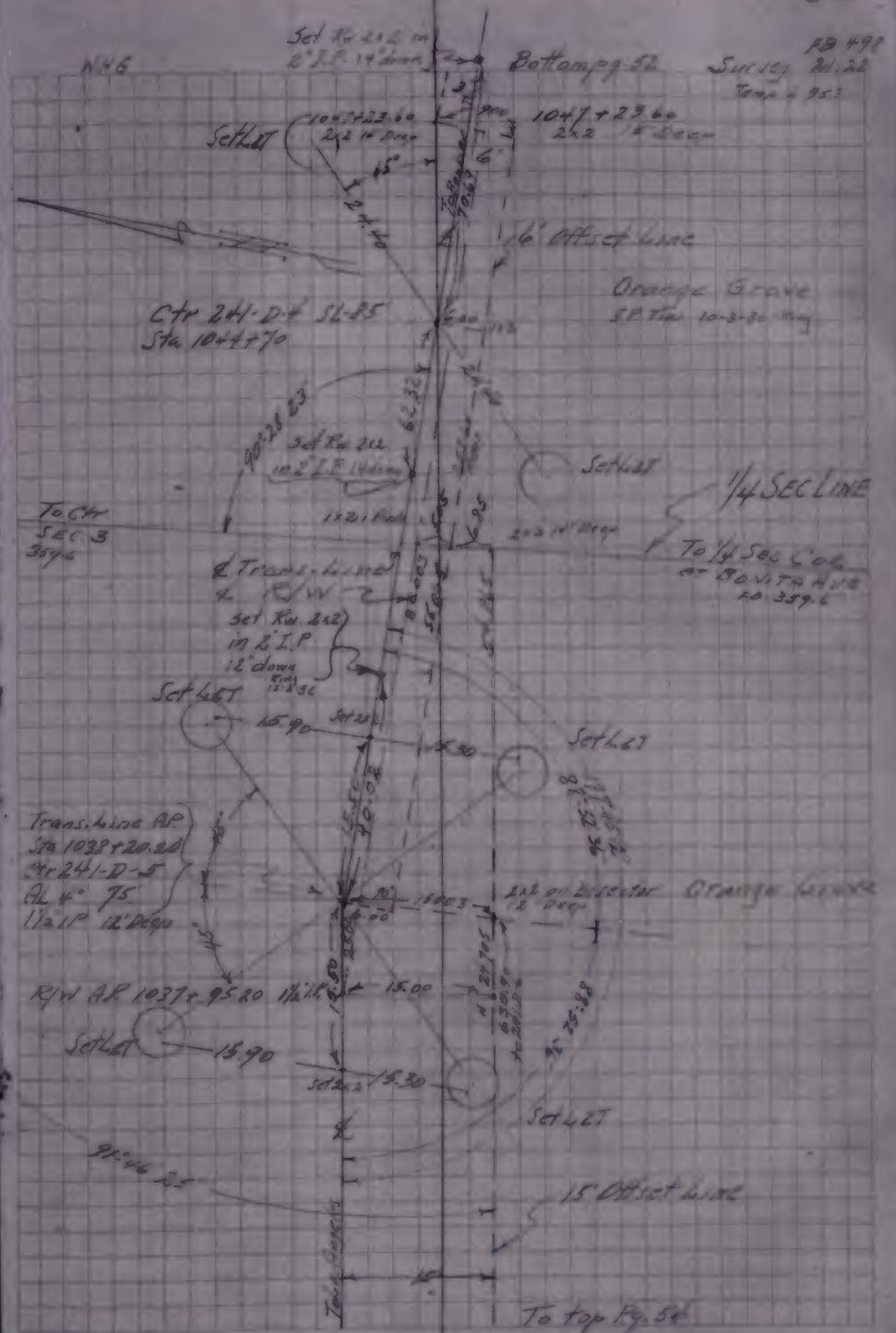
Set Let

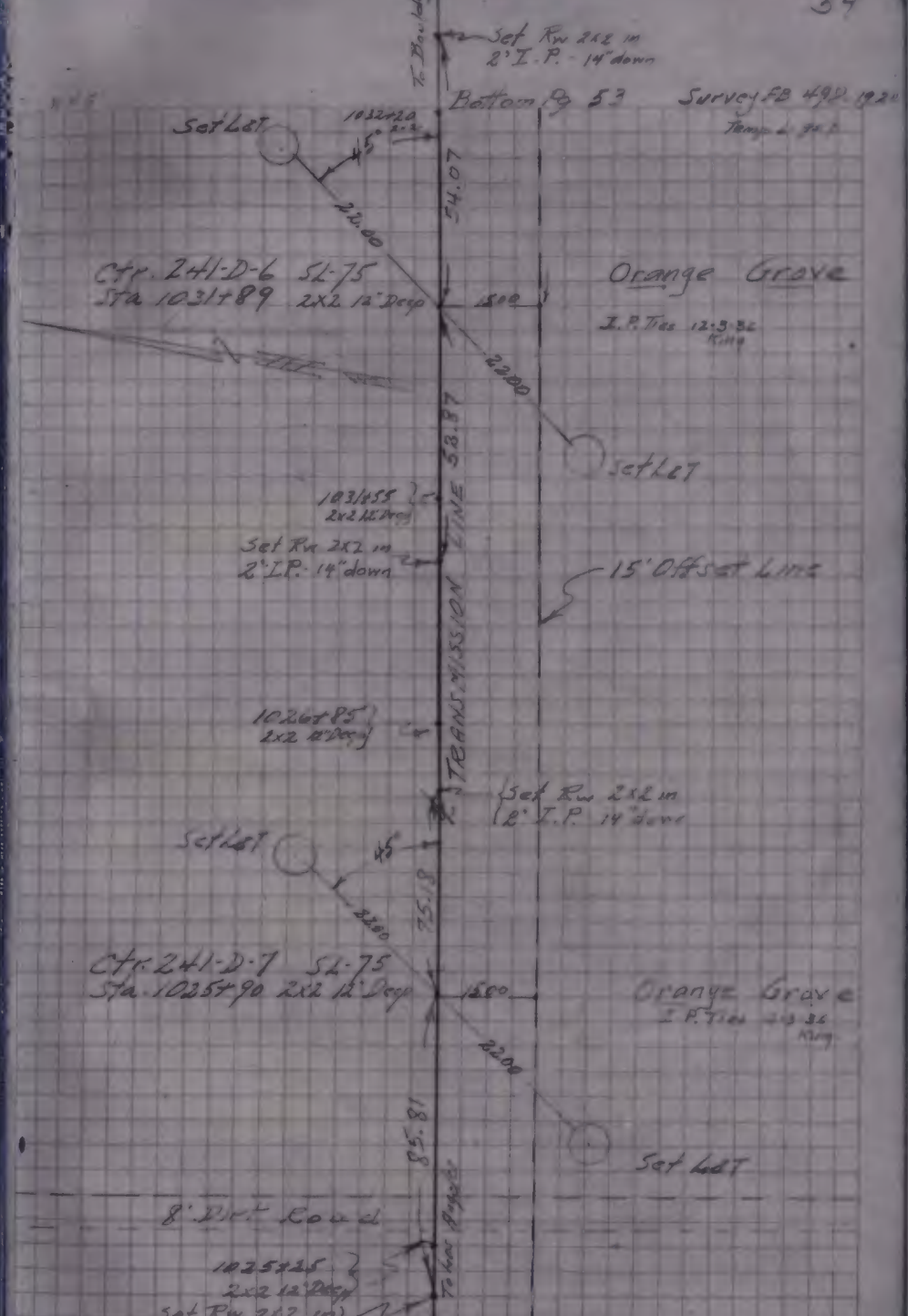
8' Dirt Road

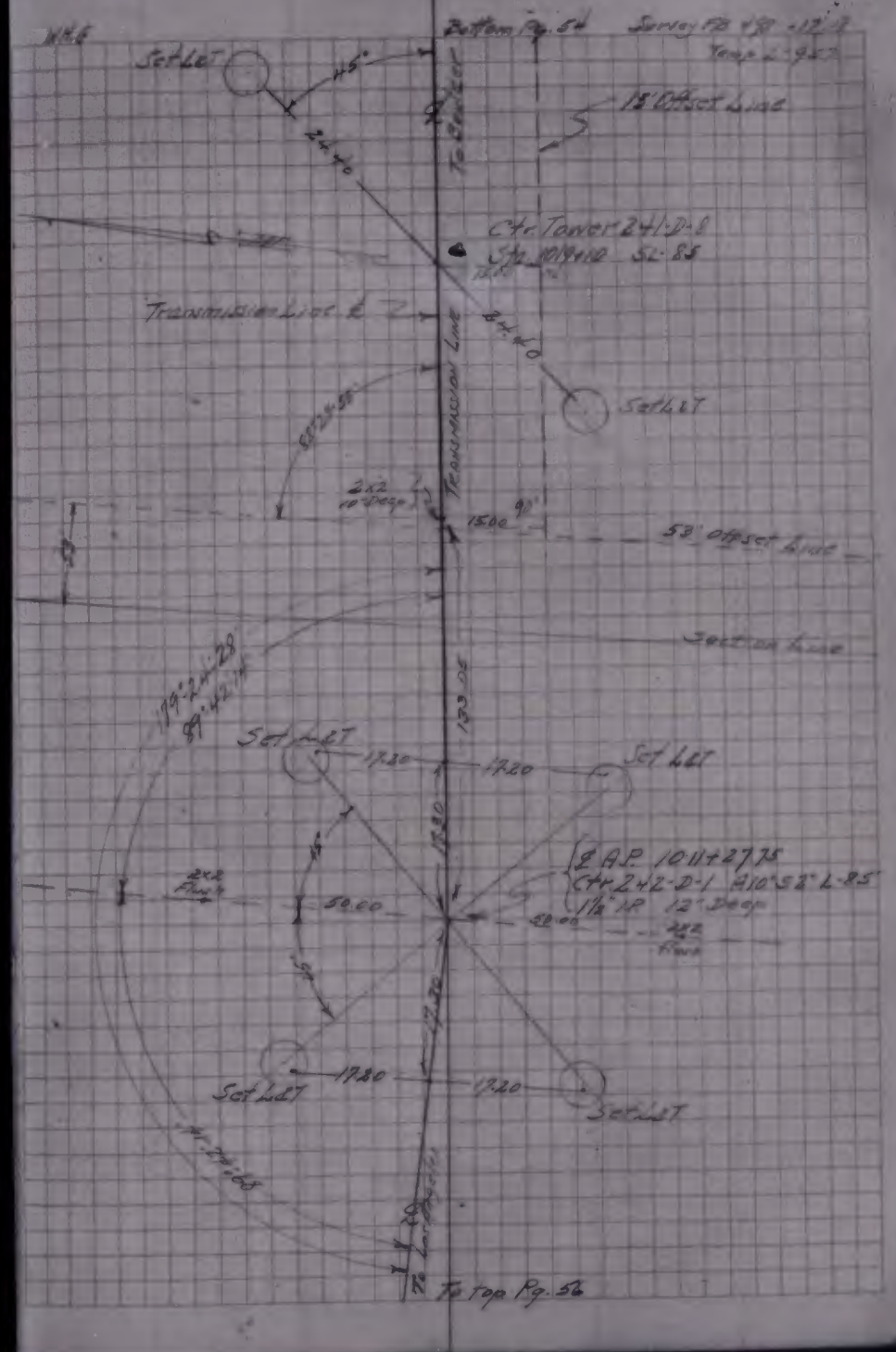
1025+25 2x2 12" Deep

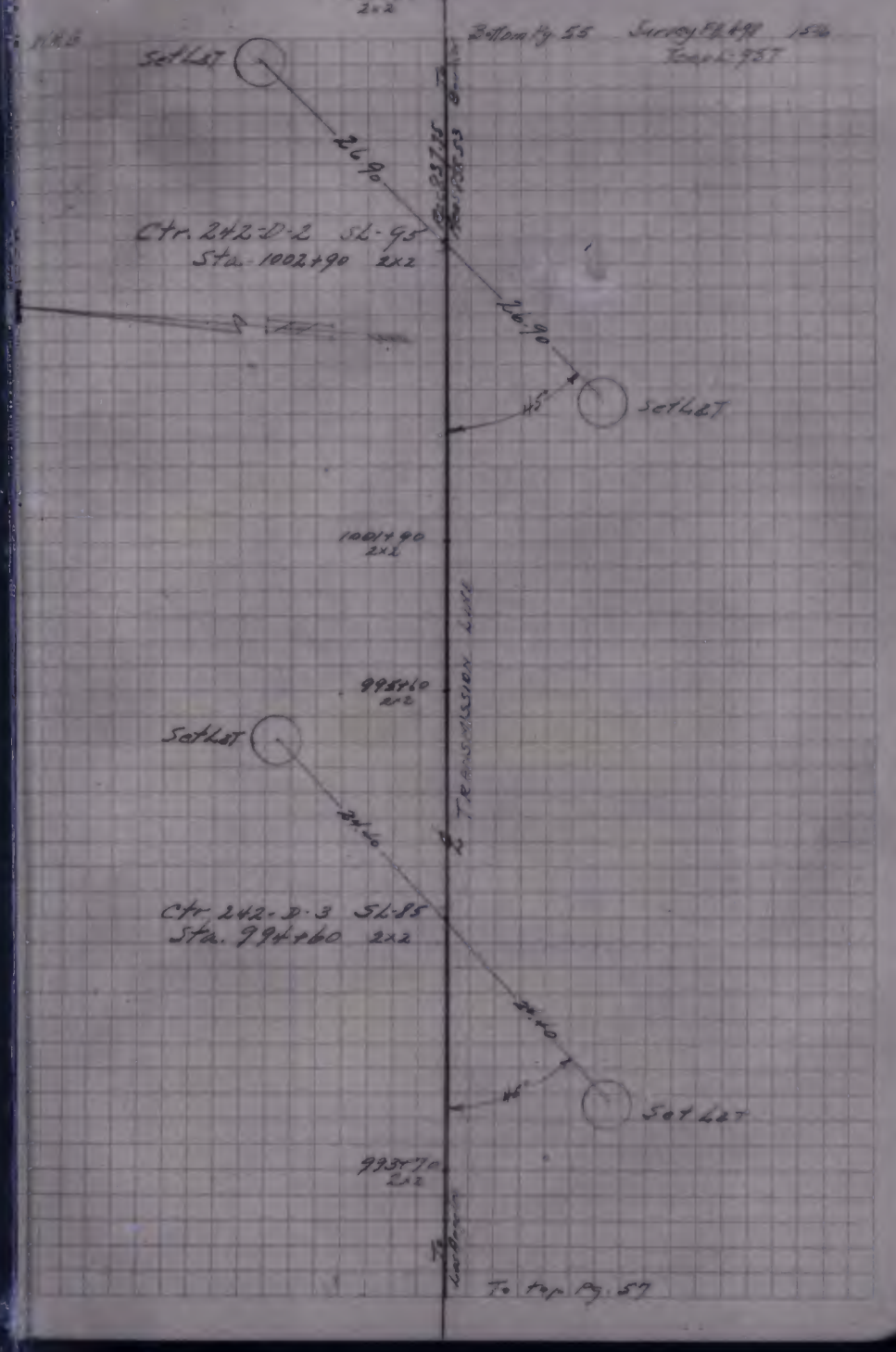
Set Rw 2x2 in 2" I.P. 14" down

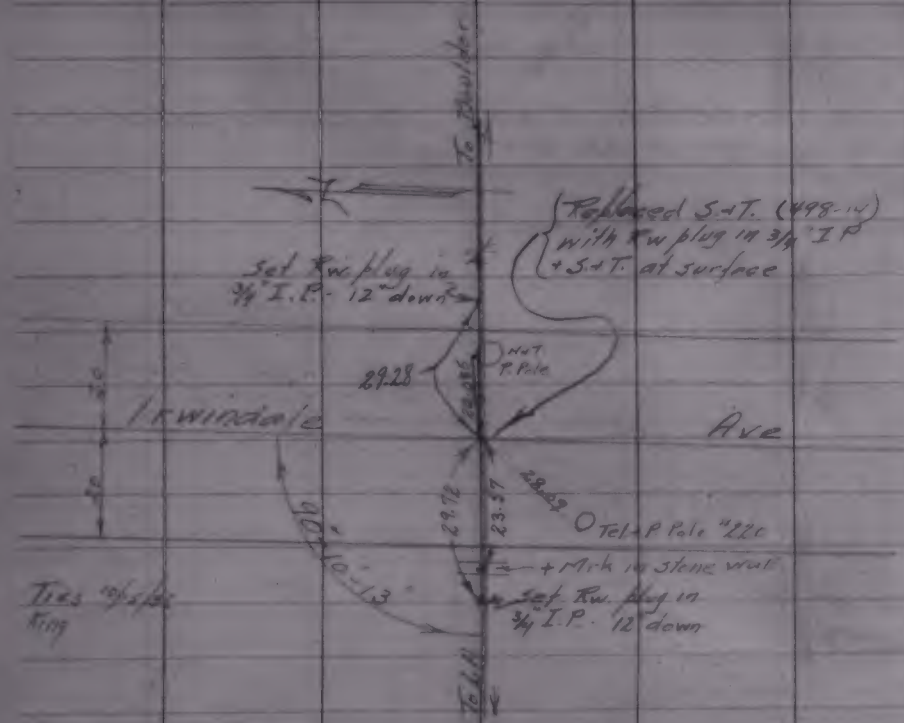
To top Pg 55

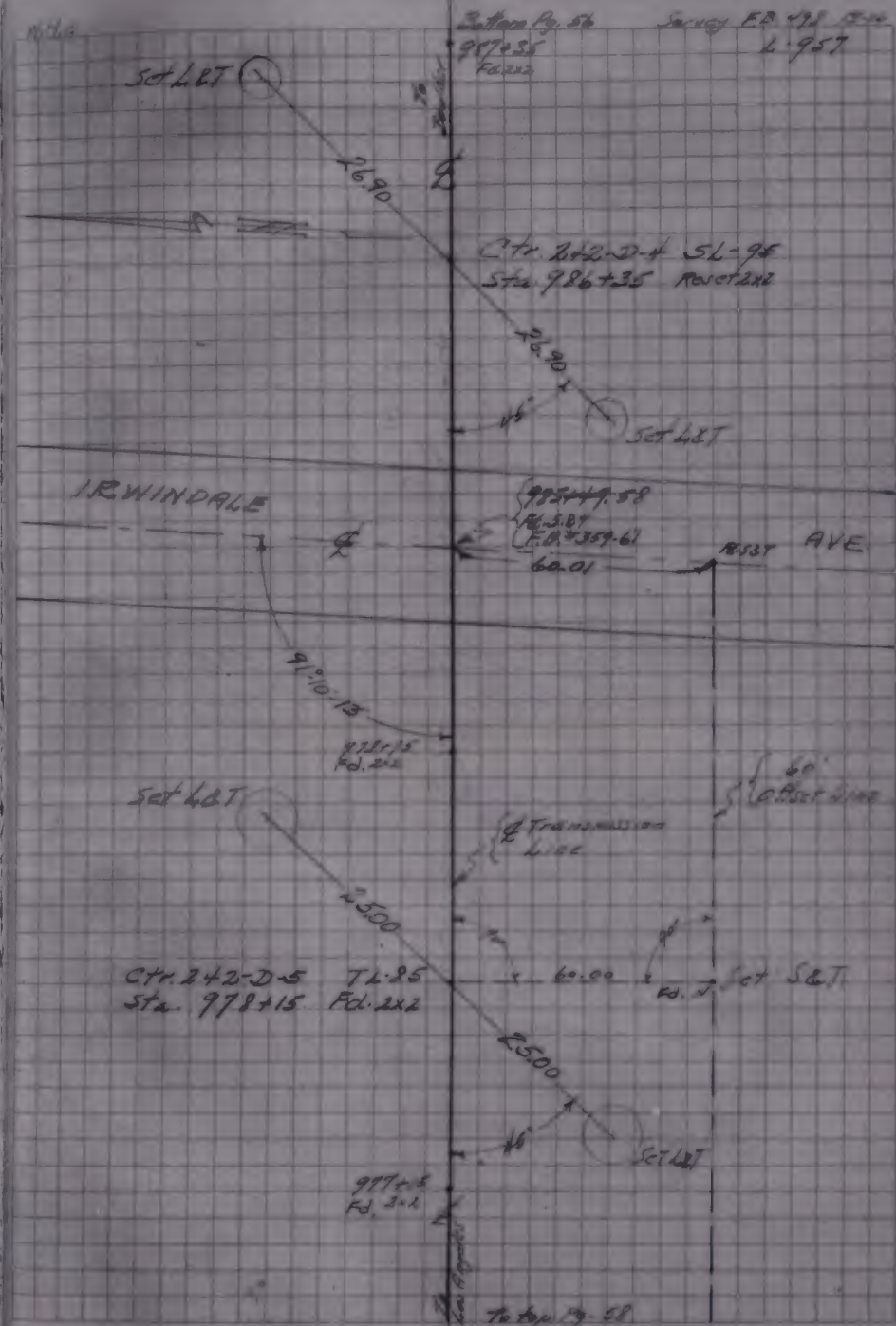

Set Rw 2x2 in 2" I.P. 14" down
Bottom pg. 52
Survey FB 498 21.22
Temp. 95°
N46
1047+23.60 2x2 14" Deep
Set Lot
6' Offset Line
Orange Grove
I.P. Ties 10-3-36 King
Ctr 241-D-4 SL-85
Sta 1044+70
Set Rw 2x2 in 2" I.P. 14" down
Set Lot
1/4 SEC LINE
To Ctr Sec 3 359.6
To 1/4 Sec Cor at Bonita Ave Ft. 359.6
℄ Trans. Line & R/W
Set Rw 2x2 in 2" I.P. 12" down
Set Lot
Set Lot
Trans. Line AP Sta 1038+20.20 Ctr 241-D-5 AL 4° 75' 1½" IP 12" Deep
2x2 on Director 12" Deep
Orange Grove
R/W AP 1037+95.20 1½" IP
Set Lot
Set Lot
15' Offset Line
To top Pg. 54

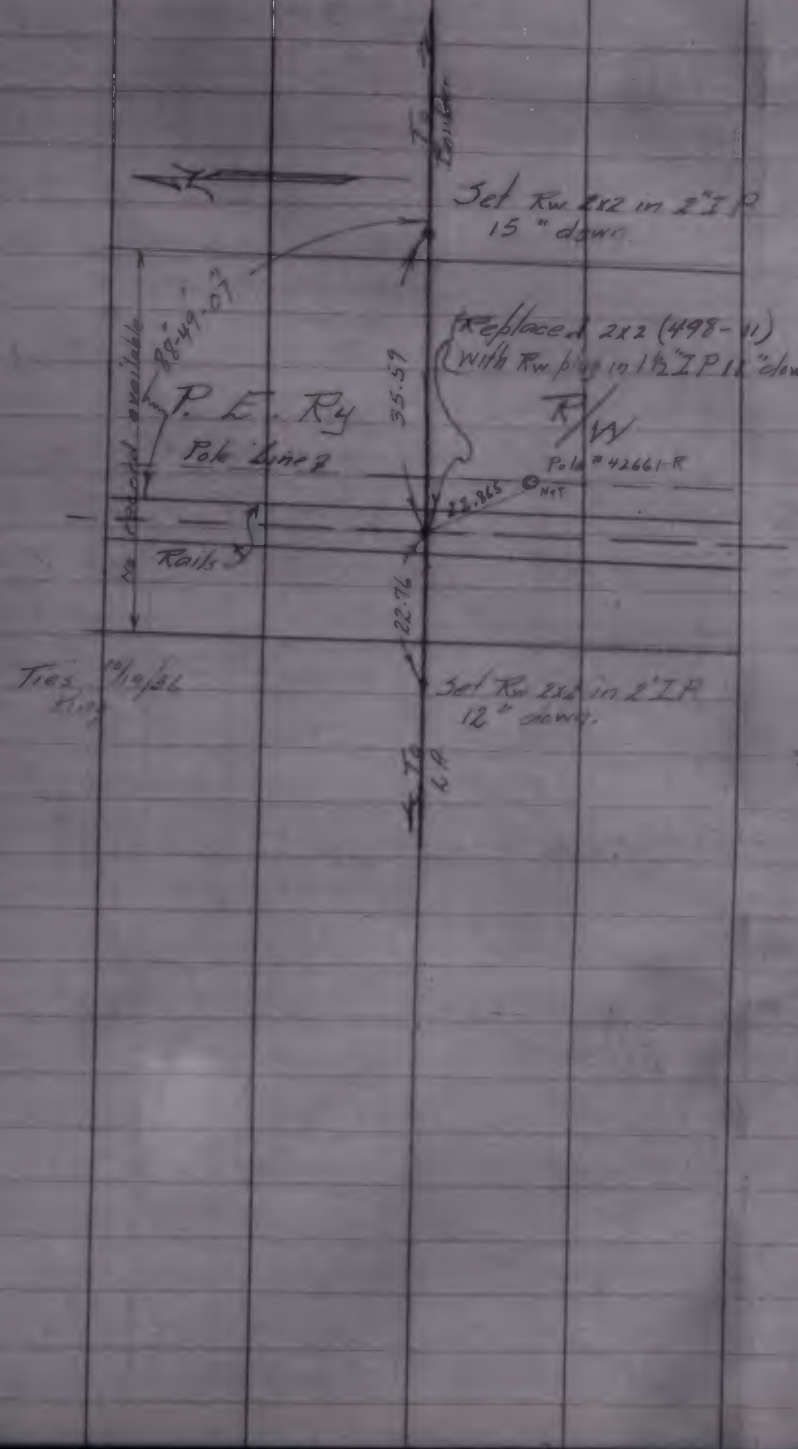

Set Rw 2x2 in 2" I.P. - 14" down
Bottom Pg. 53
Survey FB 498 19.20
Temp. 94°
Set Lot
1032+20 2x2
Ctr. 241-D-6 SL-75
Sta 1031+89 2x2 12" Deep
Orange Grove
I.P. Ties 12-3-36 King
Set Lot
1031+55 2x2 12" Deep
Set Rw 2x2 in 2" I.P. 14" down
15' Offset Line
TRANS. MISSION LINE
1026+85 2x2 12" Deep
Set Rw 2x2 in 2" I.P. 14" down
Set Lot
Ctr. 241-D-7 SL-75
Sta. 1025+90 2x2 12" Deep
Orange Grove
I.P. Ties 2-3-36 King
Set Lot
8' Dirt Road
1025+25 2x2 12" Deep
Set Rw 2x2 in 2" I.P. 14" down
To top Pg. 55

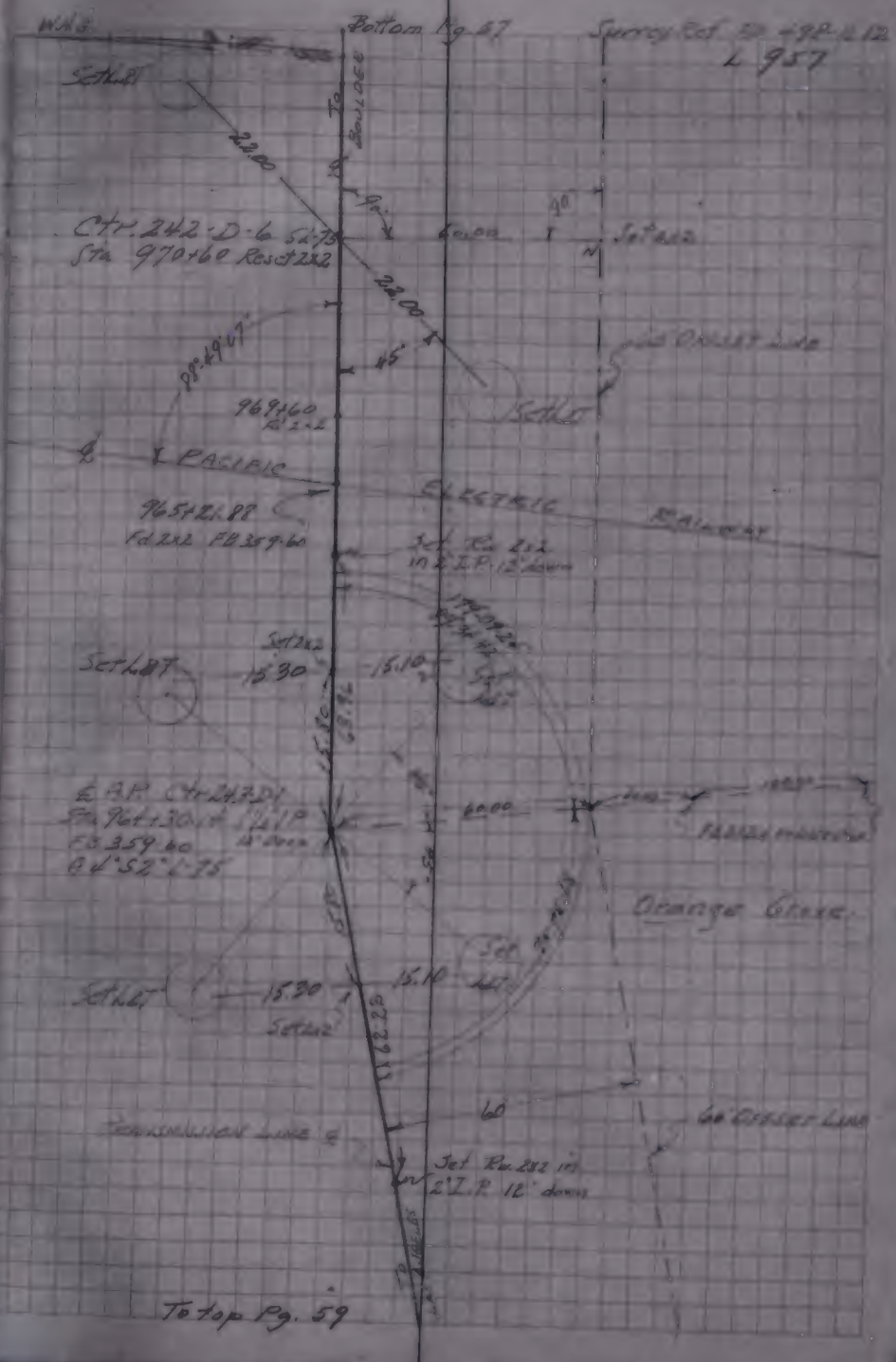

Bottom Pg. 54
Survey FB 498 - 12-9
Tape L-95.5
Set LET
45°
24.40
18' Offset Line
To Bottom
Ctr. Tower 241-D-8
Sta. 1018+10 SL-85
Transmission Line ℄
24.40
Set LET
Transmission Line
2x2
10 Degs
90°
1500
53' Offset Line
Section Line
179°24'28"
89°42'14"
133.05
Set LET
17.20
17.20
Set LET
17.20
℄ A.P. 1011+27.75
Ctr. 242-D-1 A10°52' L-85'
1½" IP 12° Degs
2x2
Flume
50.00
52.00
242
Flume
17.20
Set LET
17.20
17.20
Set LET
To Top
To top Pg. 56

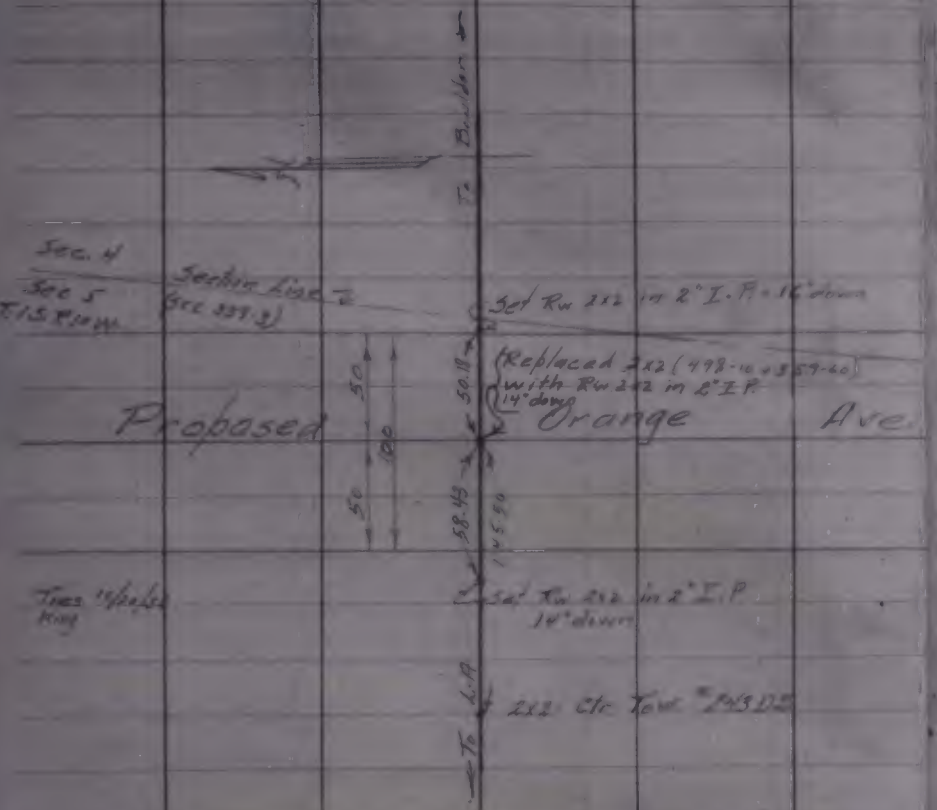

1003+90
2x2
Bottom Pg. 55
Survey FB 498 15
Tape L-95.7
Set LET
26.90
Ctr. 242-D-2 SL-95
Sta. 1002+90 2x2
26.90
45°
Set LET
1001+90
2x2
Transmission Line
994+60
2x2
Set LET
24.40
Ctr. 242-D-3 SL-85
Sta. 994+60 2x2
24.40
45°
Set LET
993+70
2x2
To Bottom
To top Pg. 57

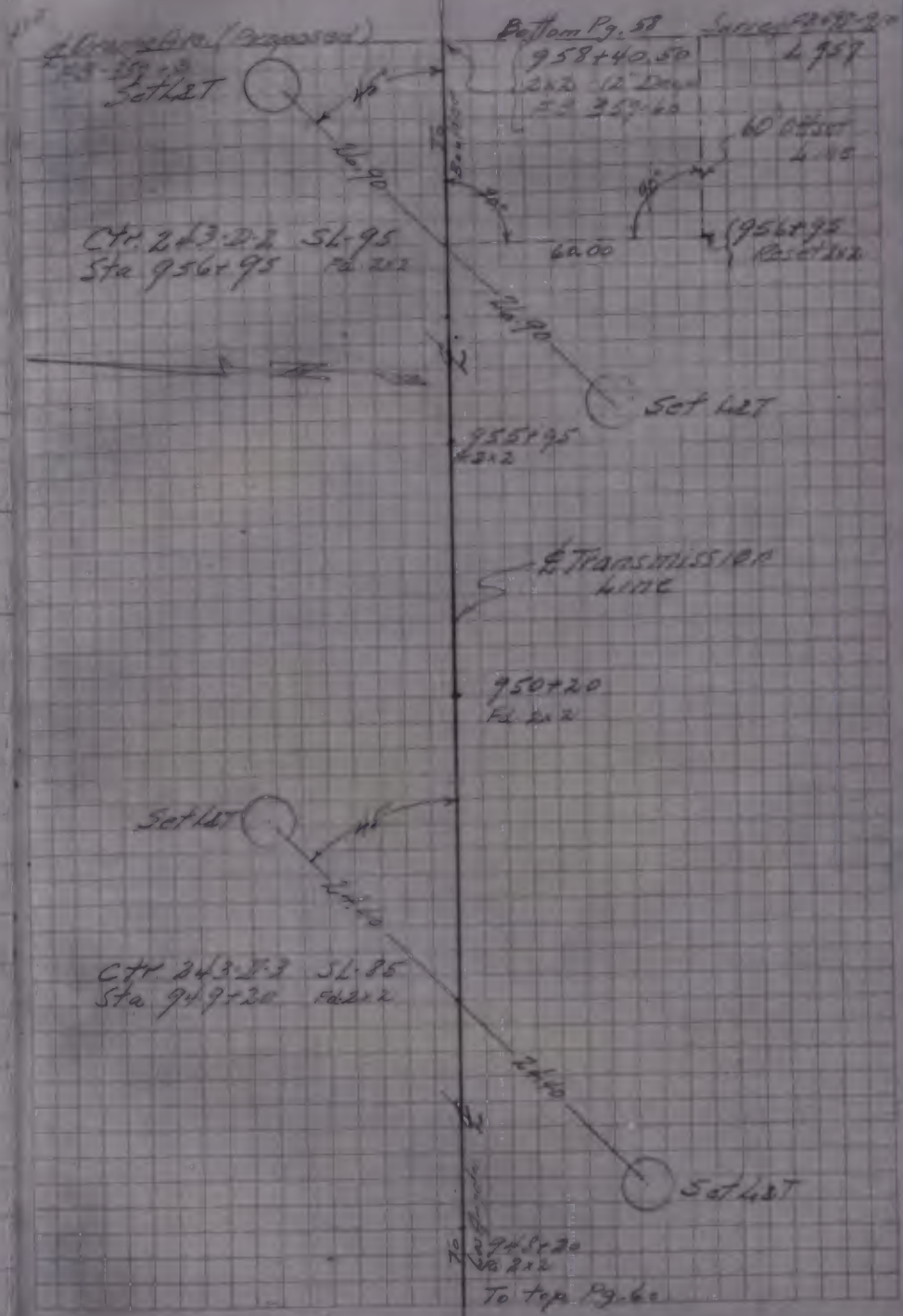

To Shoulder
Replaced S.&T. (499-14)
with Rw plug in 3/4" I.P.
+ S.&T. at surface
Set Rw plug in
3/4" I.P. - 12" down
29.28
N.&T.
P. Pole
Irwindale
Ave
29.72
23.57
Tel. P. Pole "22c
+ Mrk in stone wall
Set Rw. plug in
3/4" I.P. 12 down
Trees "of size"
Ring
To Left


Bottom Pg. 56
977+35
Fd. 2x2
Survey F.B. 498
L. 957
Set L&T
26.90
Ctr. 2+2-D-4 SL-95
Sta. 986+35 Rivet 2x2
26.90
Set L&T
IRWINDALE
Fd. S.&T.
F.B. #359-61
60.01
R.S.&T.
AVE.
91°10'13"
978+15
Fd. 2x2
Set L&T
Transmission Line
60' R.O.W. set line
25.00
Ctr. 2+2-D-5 TL-85
Sta. 978+15 Fd. 2x2
60.00
Fd.
Set S&T.
25.00
Set L&T
977+35
Fd. 2x2
To top Pg. 58


To Bridge
Set Rw 2x2 in 2" I.P.
15" down.
88°49'-07"
P. E. Ry
Pole Line
35.59
Replaced 2x2 (498-11)
with Rw plug in 1½" I.P. 12" down
R/W
Pole #42661-R
22.865
Rails
22.76
Set Rw 2x2 in 2" I.P.
12" down.
To L.P.

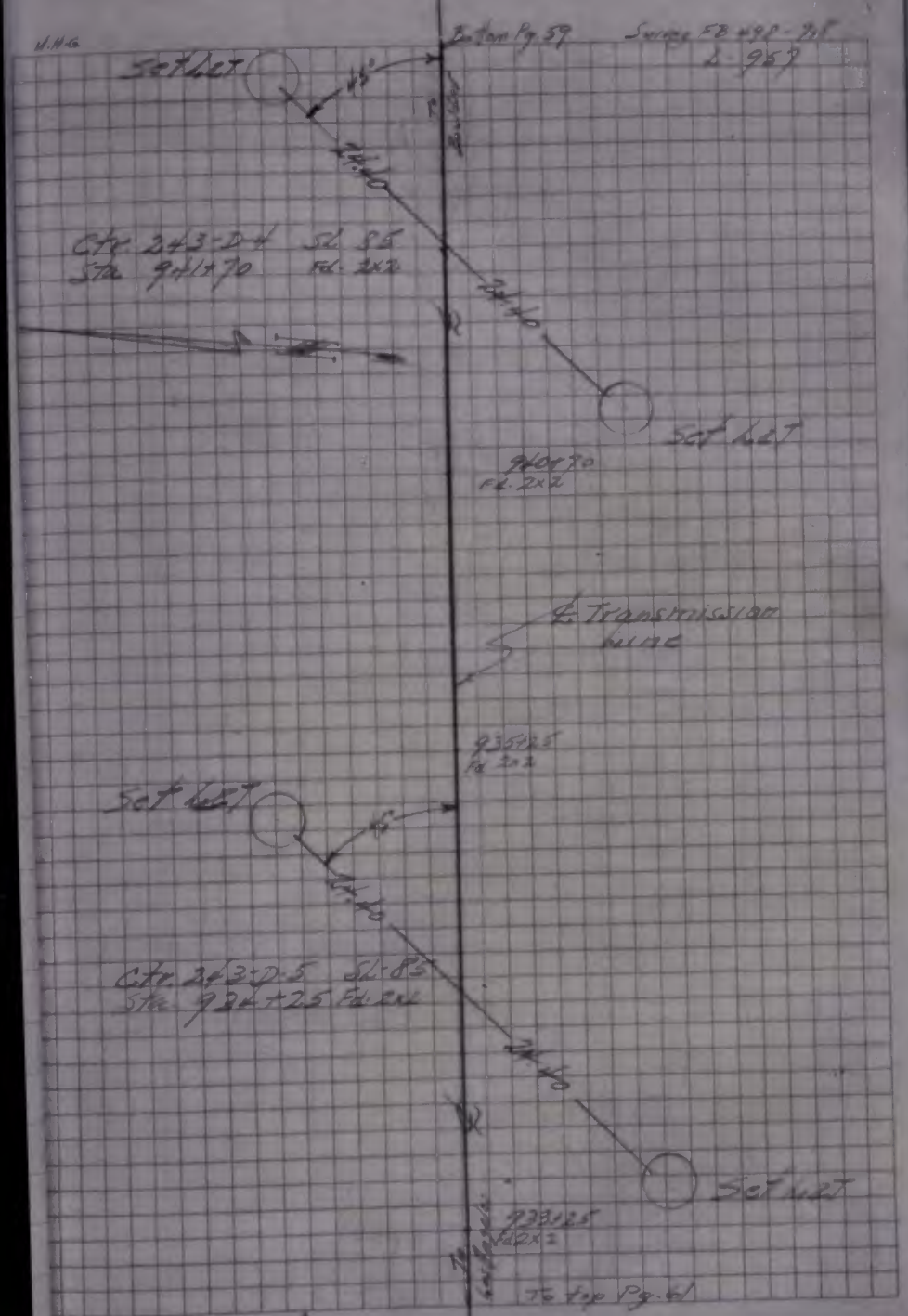

W.H.S.
Bottom Pg. 57
Survey Ref. Sp. 498-L12
L 957
Set L.P.
To Bridge
22.00
Ctr. 242-D-6 52.75
Sta 970+60 Reset 2x2
60.00
Set 2x2
90°
22.00
45°
88°49'47"
Set L.P.
969+60
Rd 2x2
PACIFIC
ELECTRIC
RAILWAY
965+21.88
Rd 2x2 FB 359-60
Set Rw 2x2
in 2" I.P. 12" down
Set L.P.
Set 2x2
15.30
15.10
E.B.P. Ctr. 242-D1
Sta 966+30.14
FB 359.60
Rd 52" L-75
60.00
Orange Grove
Set L.P.
15.30
Set 2x2
15.10
Set L.P.
60
60' Offset Line
Transmission Line ℄
Set Rw 2x2 in
2" I.P. 12" down
To top Pg. 59


Sec. 4
Sec 5
T.15 R.10 W.
Section Line
(Sec 339.3)
Set Rw 2x2 in 2" I.P. 14" down
(Replaced 2x2 (498-16 + 359-60) with Rw 2x2 in 2" I.P. 14" down
Proposed
Orange
Ave.
50
100
50
50.11
58.49
145.90
Tree 14" pole King
Set Rw 2x2 in 2" I.P. 14" down
2x2 Ctr Tow. #243 D.2
To L.P.
To Building


℄ Transmission (Proposed)
Bottom Pg. 58
958+40.50
2x2 12 Down
Set L&T
60° Offset
4.16
Ctr. 243-2.2 SL-95
Sta 956+95 Fd. 2x2
(956+95 Reset 2x2
6a.00
Set L&T
955+95
Fd 2x2
℄ Transmission Line
950+20
Fd. 2x2
Set L&T
Ctr 243-2.3 SL-85
Sta 949+20 Fd 2x2
Set L&T
To 949+20
Fd 2x2
To top Pg. 60

F.B. 999-95

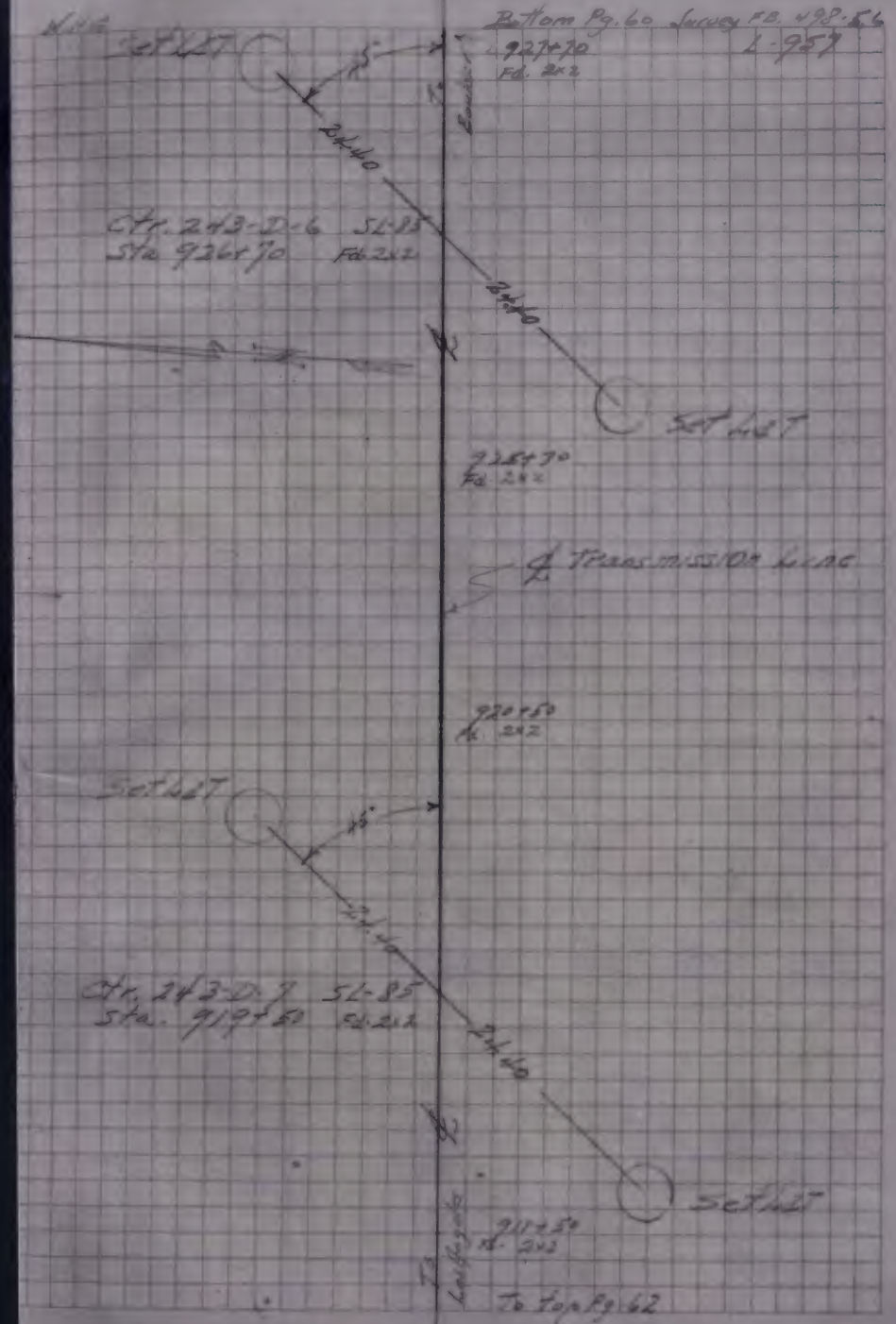
60



#533

F.B. 999-96

61



Bottom Pg. 61 Survey #28-
910+70
2x2
L-957

Set Lot

Boulder

Ctr 242.3-8 SL-85
Sta. 910+70 Fd 2x2

Set Lot

910+70
Fd 2x2

℄ Transmission Line

Set Rev. Plug in 3/4 I.P. - 15 down

Replaced 2x2 (broken) with
+ Mrk in boulder 14" down
and 2x2 2' down
Fd 2x2

Marine Ave.

P.M. in N Leg
Tow F 244 D1
1' above Conc

P.M. in E Leg
Tow "244 D1
1' above Conc

Ties 14 Lac
Bldg

To Top
Pg. 63

244-2-1

Bottom Pg. 62
Survey F.B. #52-59
L-956

Boulder

Set Lot

Set 2x2

Set Lot

℄ A.P. Sta. 904+52.02
Fd 2" I.P. 10" Deep

Set Lot

Set 2x2

Set Lot

℄ Transmission Line

903+15.16
2x2 8" Deep

To Top Pg. 64

Bottom Pg. 63 Survey FB 352-59
L-956
{ 898+90.25
2x2 4' Deep

Set Lat

Ctr. 244-D-2 SL-85
Sta. 896+80.3 Fd 2x2

Set Lat

℄ Transmission Line

891+63.08
Fd 2x2 Flush

Set Lat

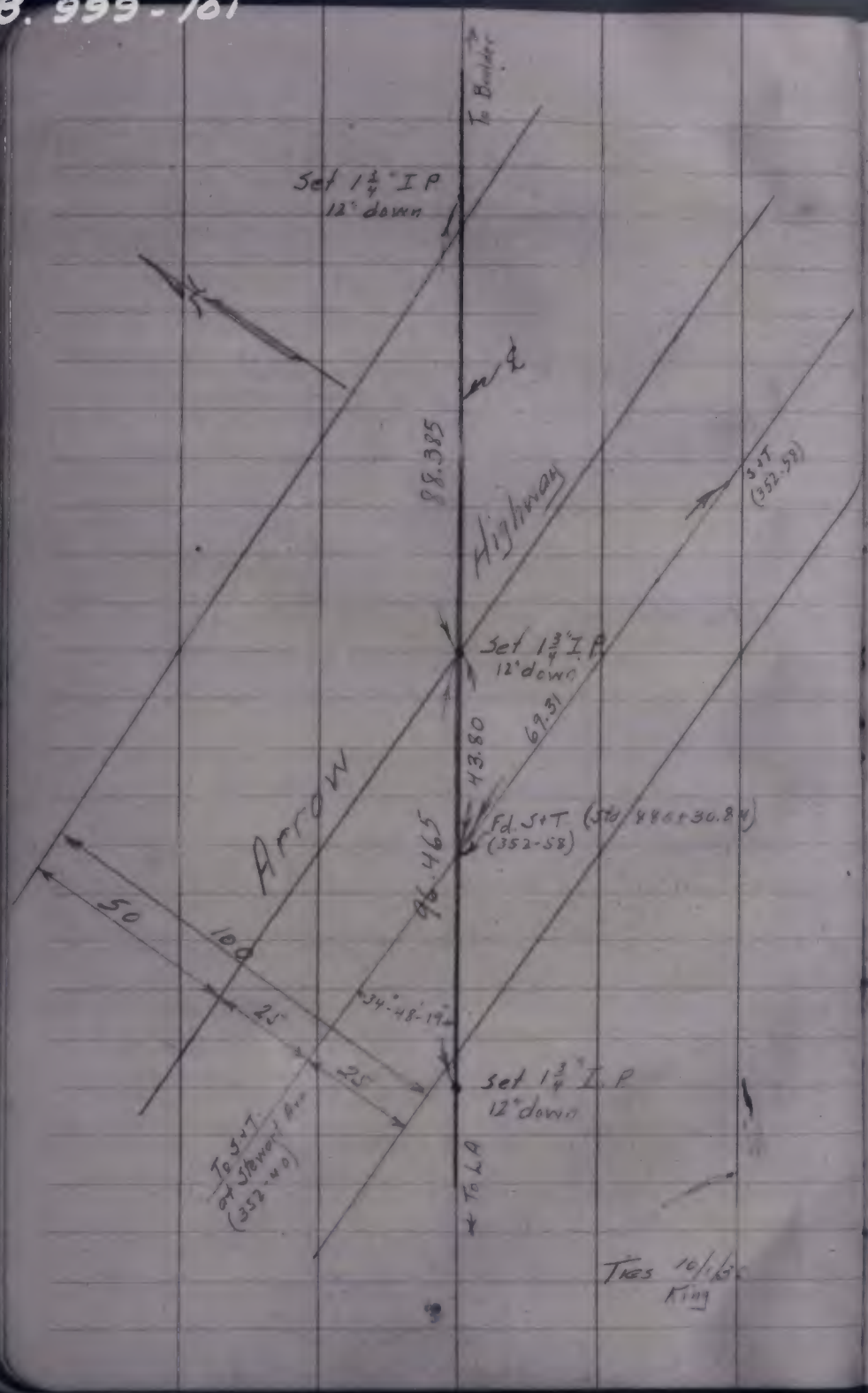
Ctr 244-D-3 SL-85
Sta. 889+30 Fd 2x2

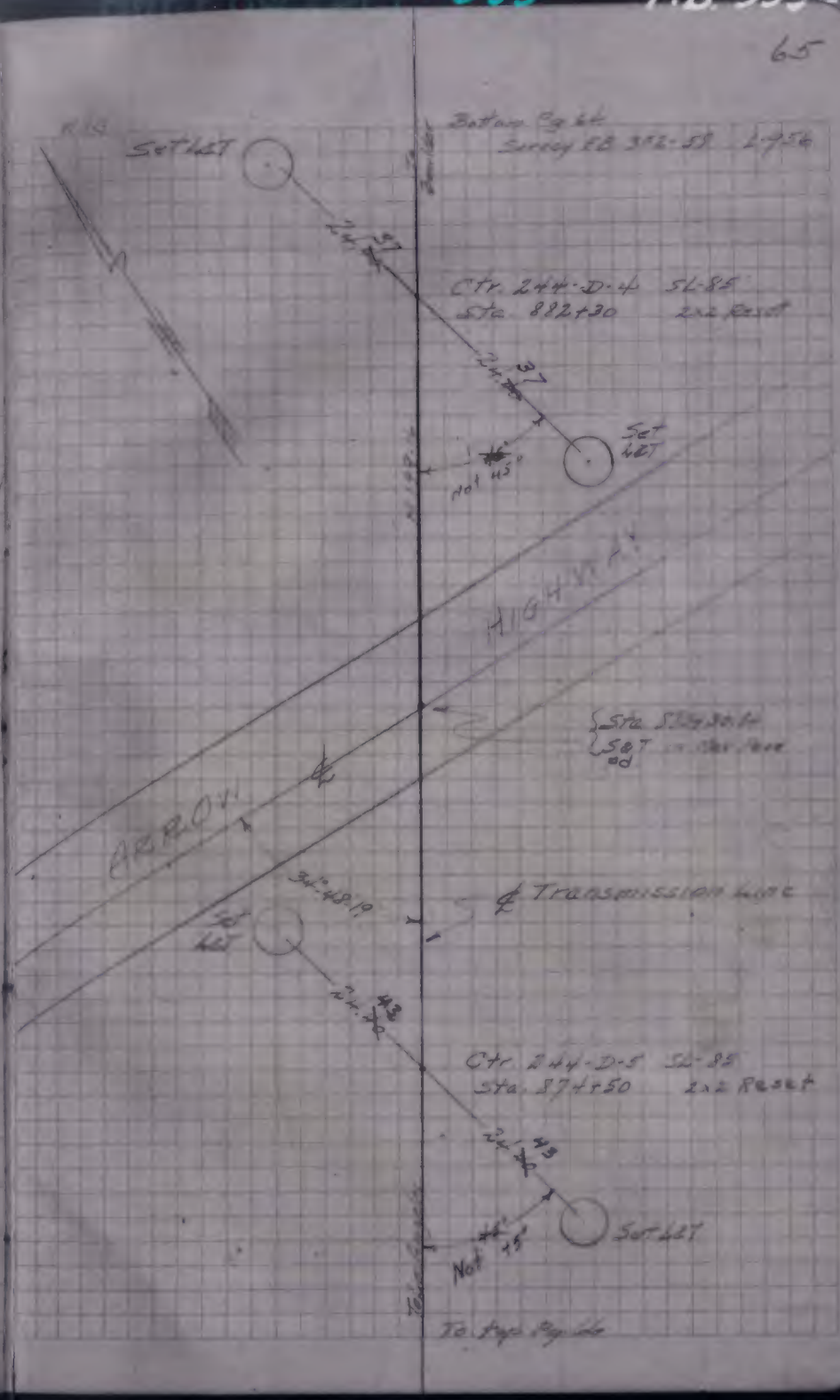
Set Lat

885+48.90
Fd. 2x2 Flush
To top Pg. 65

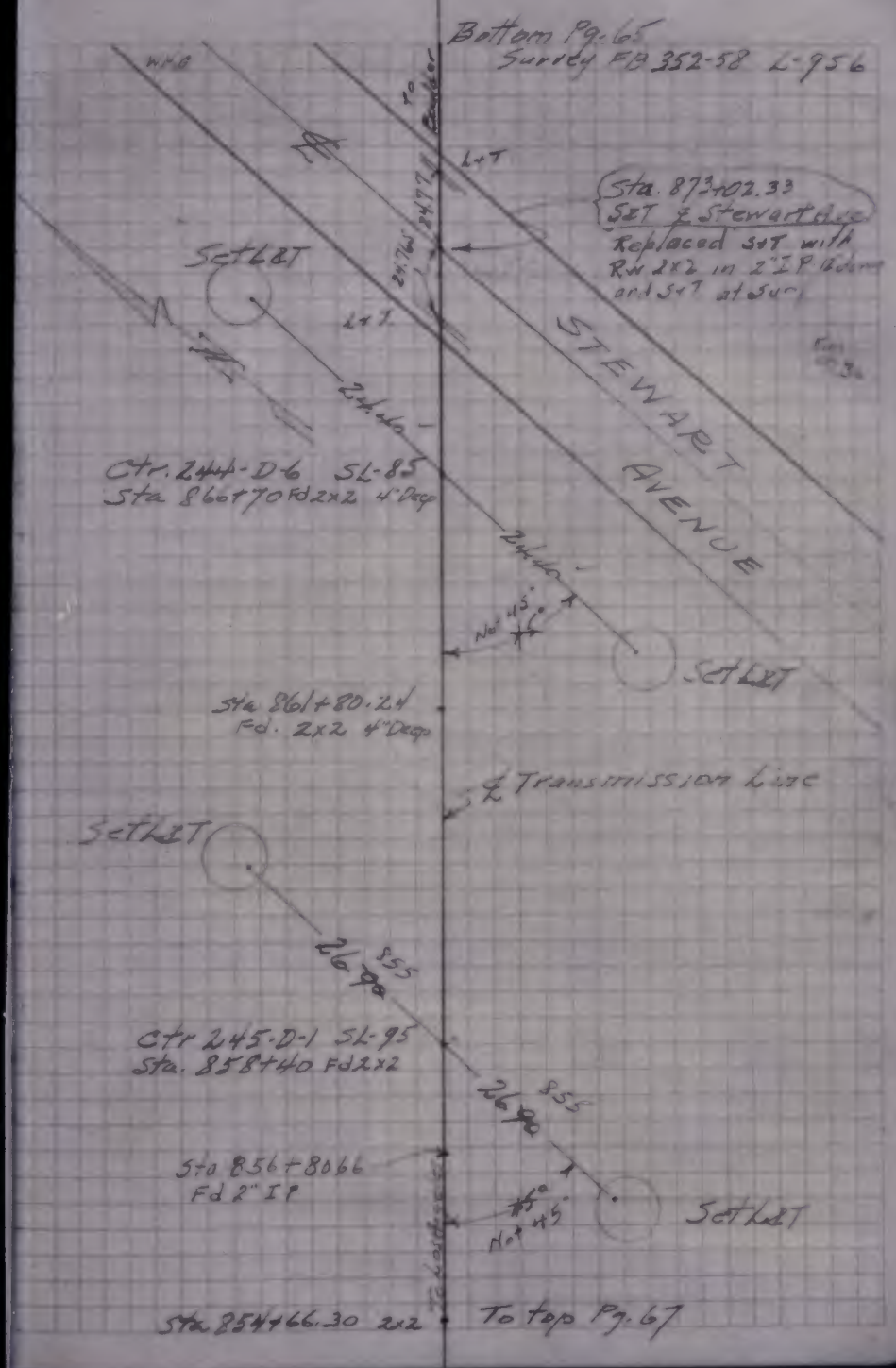
℄ Sur 987-47

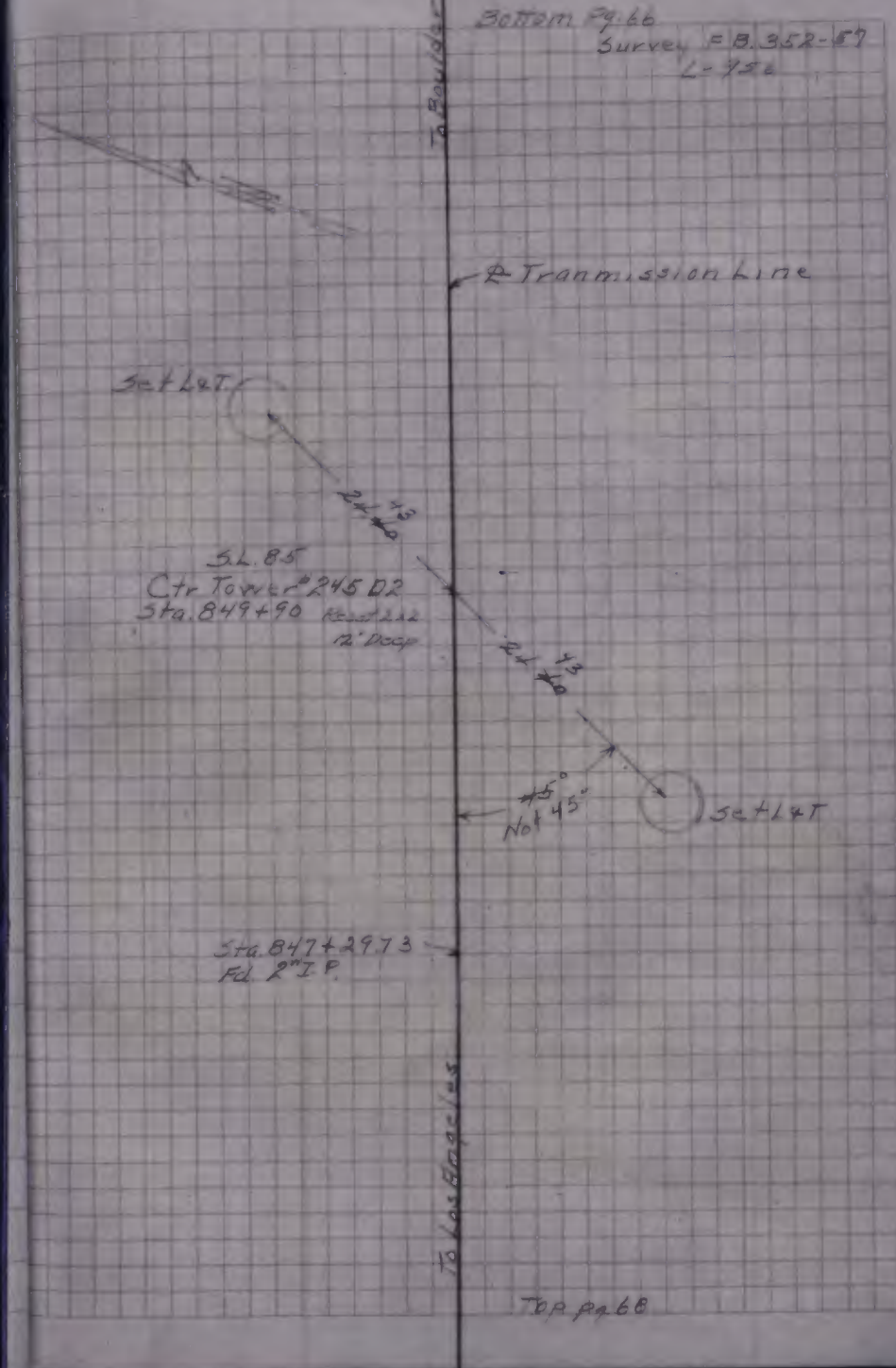
℄ Sur FB. 987-46


To Boulder
Set 1¾" I P
12" down
℄
98.385
Highway
S+T
(352-58)
Set 1¾" I P
12" down
69.31
43.80
Arrow
Fd. S+T (Sta 486+30.84)
(352-58)
96.465
50
100
25
25
34°-48'-19"
Set 1¾" I P
12" down
To S+T
at Stewart Ave
(352-40)
To LA
Tres 10/16/61
King

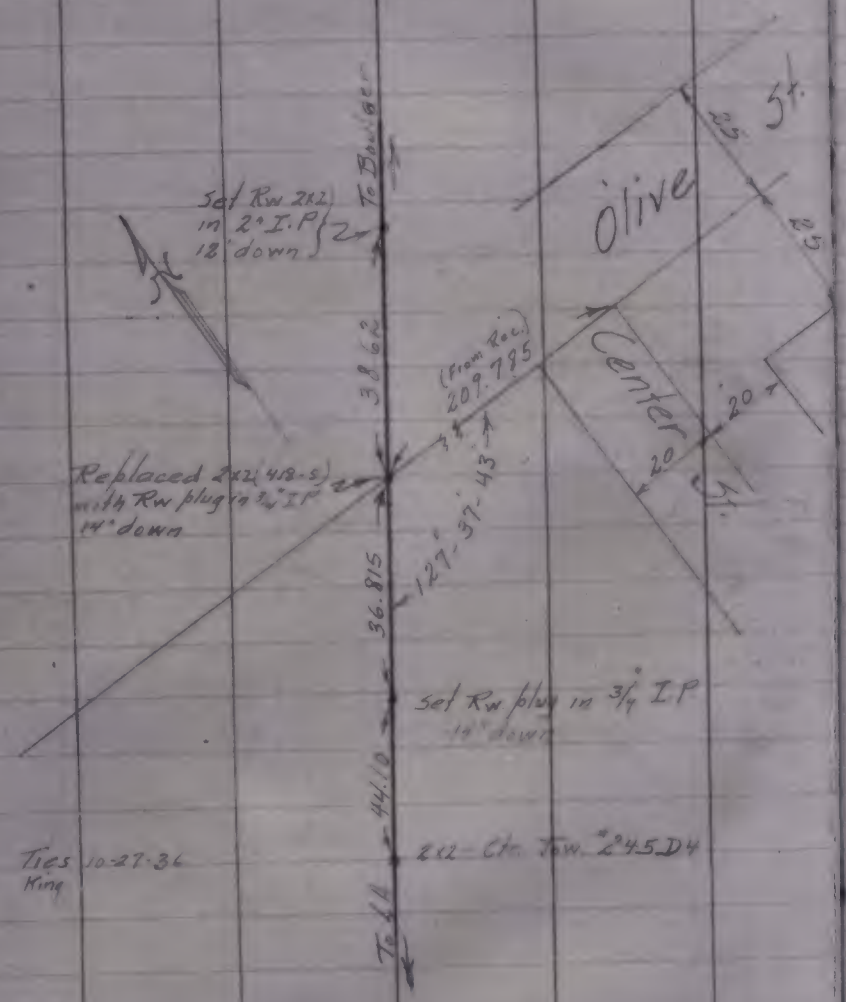

R/W
Set LET
Bottom Cap Lt
Survey FB 392-58 L-954
Ctr. 244-D-4 SL-85
Sta. 882+30 2x2 Reset
Set LET
Not 45°
HIGHWAY
Sta. 884+30.84
Set
Arrow
℄ Transmission Line
34°-48'19"
Set LET
Ctr. 244-D-5 SL-85
Sta. 87+50 2x2 Reset
Set LET
Not 45°
To Fwd Pg 66

℄ Sur. FB. 987-45

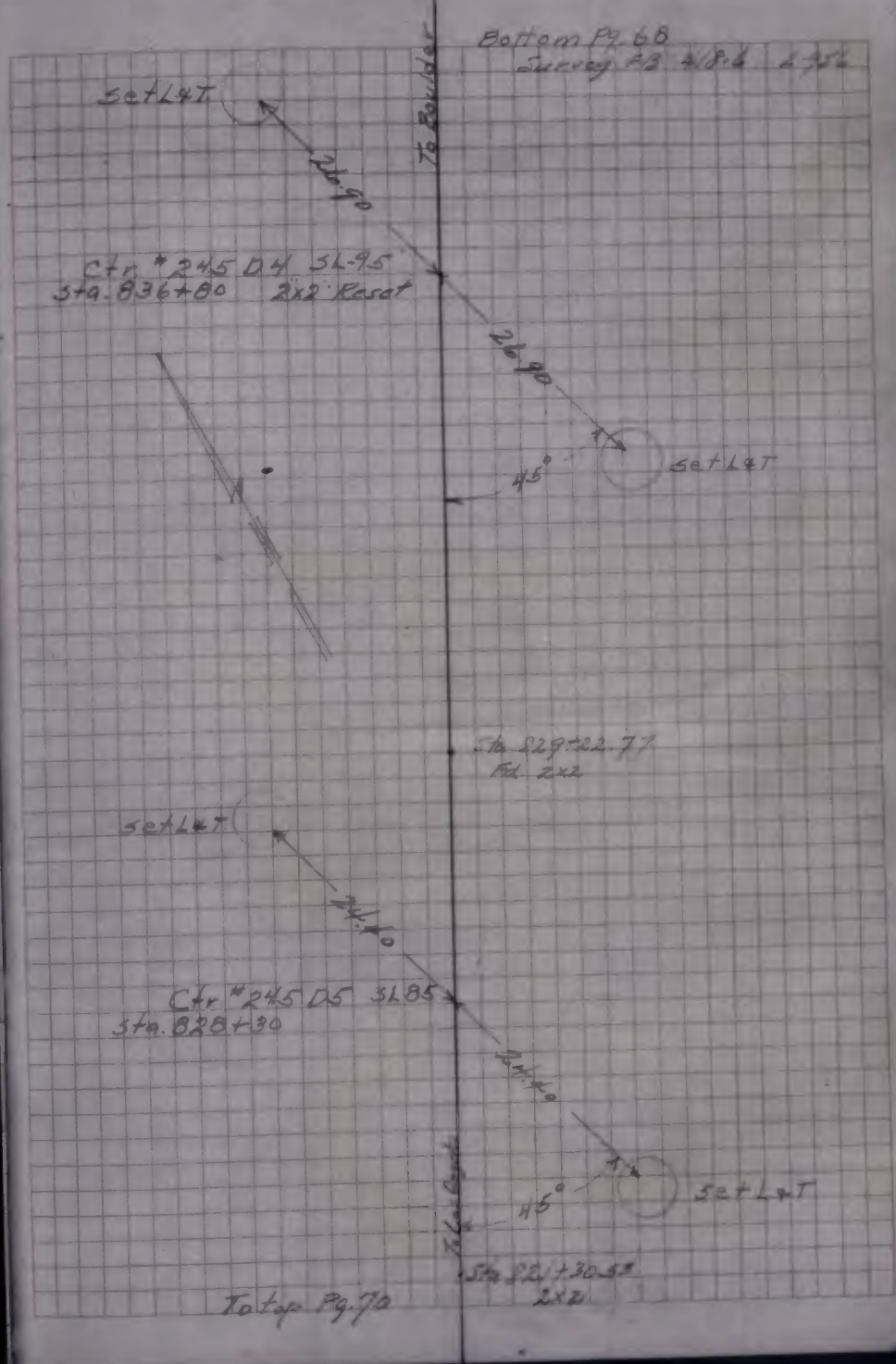




Elev. F.B. 997-44

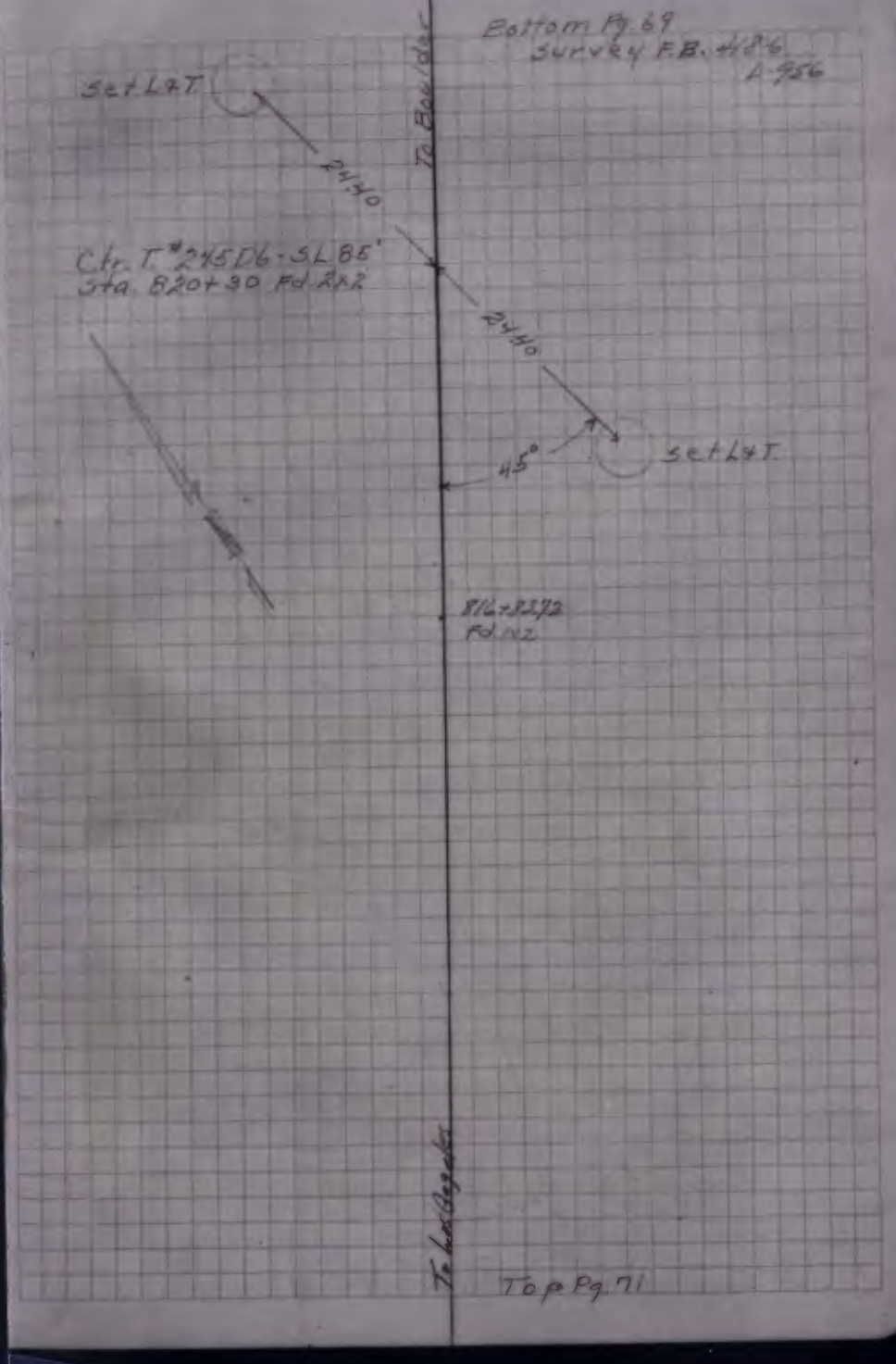

Set Rw 2x2
in 2" I.P
12" down
To Bowlger
38.62
(From R.O.)
209.785
Olive
St.
Center
St.
23
23
20
20
Replaced 2x2 (48-5)
with Rw plug in 3/4" I.P
14" down
127°-37'-43"
36.815
Set Rw plug in 3/4" I.P
14" down
44.10
2x2 - Ctr. Tow. 2°45 D4
Ties 10-27-36
King
To L.A.

Bottom Pg. 67
Survey F.B. 418 P. 5 L. 956
To Bowlger
Set 2x2
16.00
Set L&T
14.80
Set L&T
45°
45°
Ctr. 245 D3
DL-20°65'
A.P. Sta. 844+12.75
= 842+82.72
Set L&T
16.00
Set L&T
14.80
Set 2x2
℄ Transmission
Line
Sta 837+60.92
Fd. 2x2
To L.A.
Top pg. 69



℄ Sur. FB. 987-52

℄ Sur. FB. 987-54



℄ Sur. 987-57

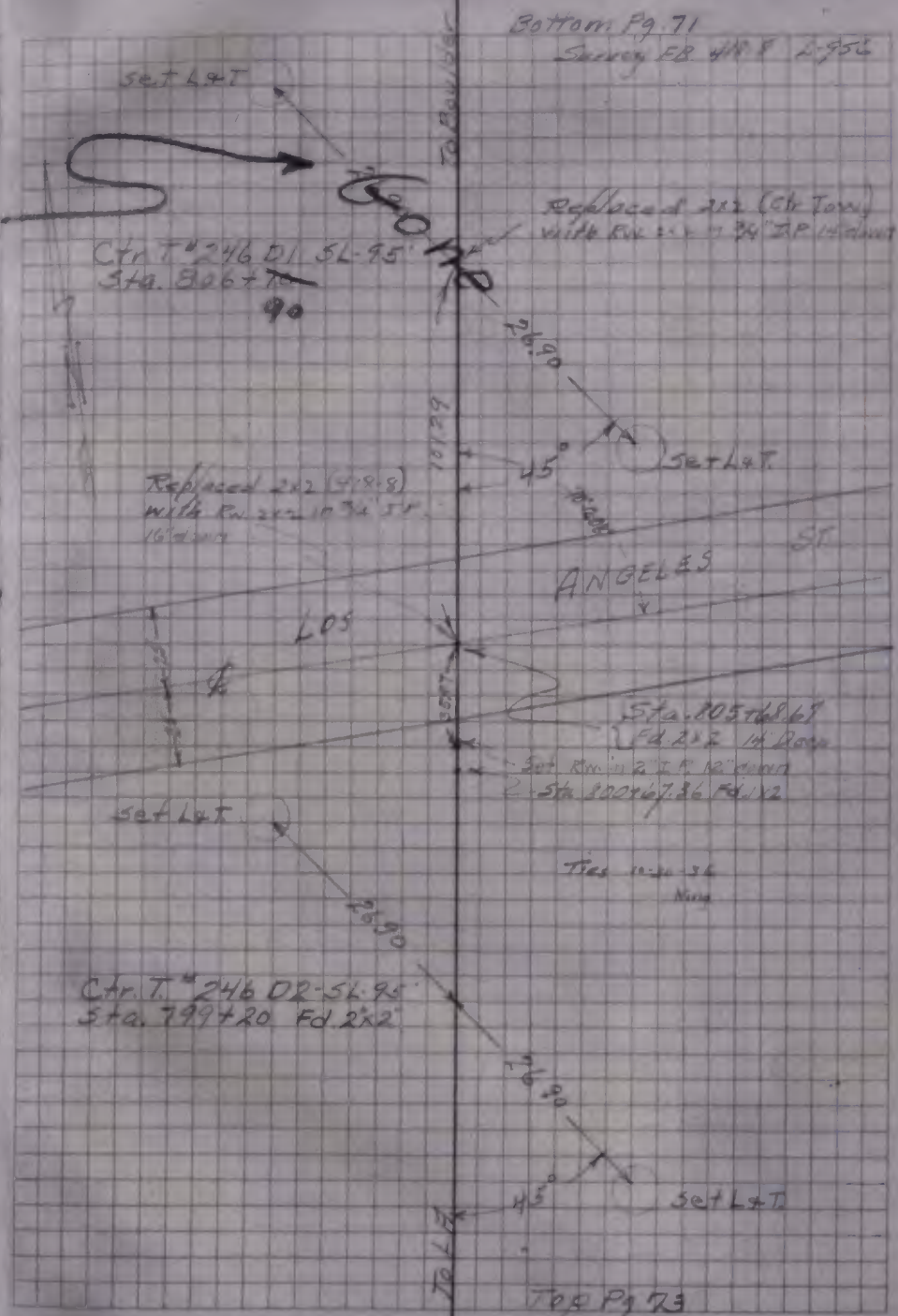
Bottom Pg. 70
Survey F.B. 418-7 L-956
To Boulder
Meas 162°11'50"
M. 81°05'55"
Set Lat
Set 2x2
15.90
14.90
Set Lat
15.70
45°
(Ctr D45 D)
DL 20°65
℄ A.P. Sta. 813+36.80
Fd. 1½" I.P.
3.0
45°
15.70
15.90
Set Lat
14.90
Set 2x2
Set Lat
℄ Transmission Line
To Longmont
Top Pg. 72

246 D 1

See Reconstruction note.

F.B. 518-53. New ℄ @ 806+90

New Ties 3/30-34 Mwsy G.H.K. Survey Length



℄ Sur. F.B. 987-58+59

Bottom Pg. 72
Survey FB 419-9
L-956

To Boulder

Set L&T.

24.40

Ctr. T. #246 D3 SL 85'
Sta 792+70 Fd 2x2'

24.40

45°

Set L&T

Sta. 791+97.07 Fd. 1x2'

Set L&T

24.40

Ctr. T. #246 D4 SL 85'
Sta 785+70 Fd 2x2'

24.40

45°

Set L&T

Sta. 785+29.07 Fd 1x2

Top Pg 74

℄ Sur. FB. 987-61

Bottom Pg. 73
Survey 419-9 L-956 L-955
Sta 779+63.77 1x2

To Boulder

Set L&T

24.40

Ctr. T. #246 D5 SL-85'
Sta. 778+10 Fd 2x2'

24.40

45°

Set L&T

Sta. 776+38.+ 2x2 Fd

Set L&T

26.90

Ctr. T. #246 D6 SL-95'
Sta. 769+60 Fd. 2x2'

26.90

45°

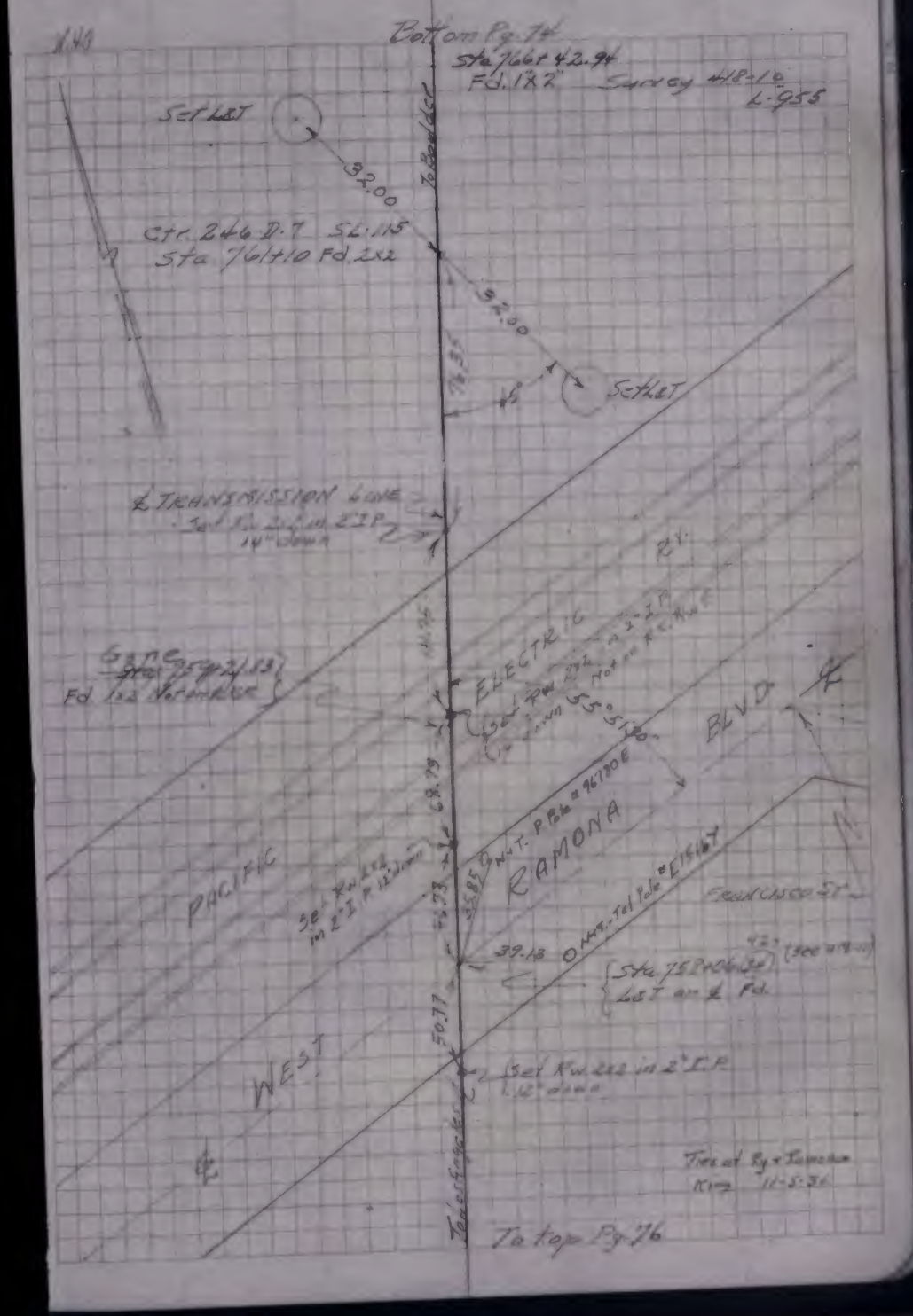
Set L&T

To L.B.

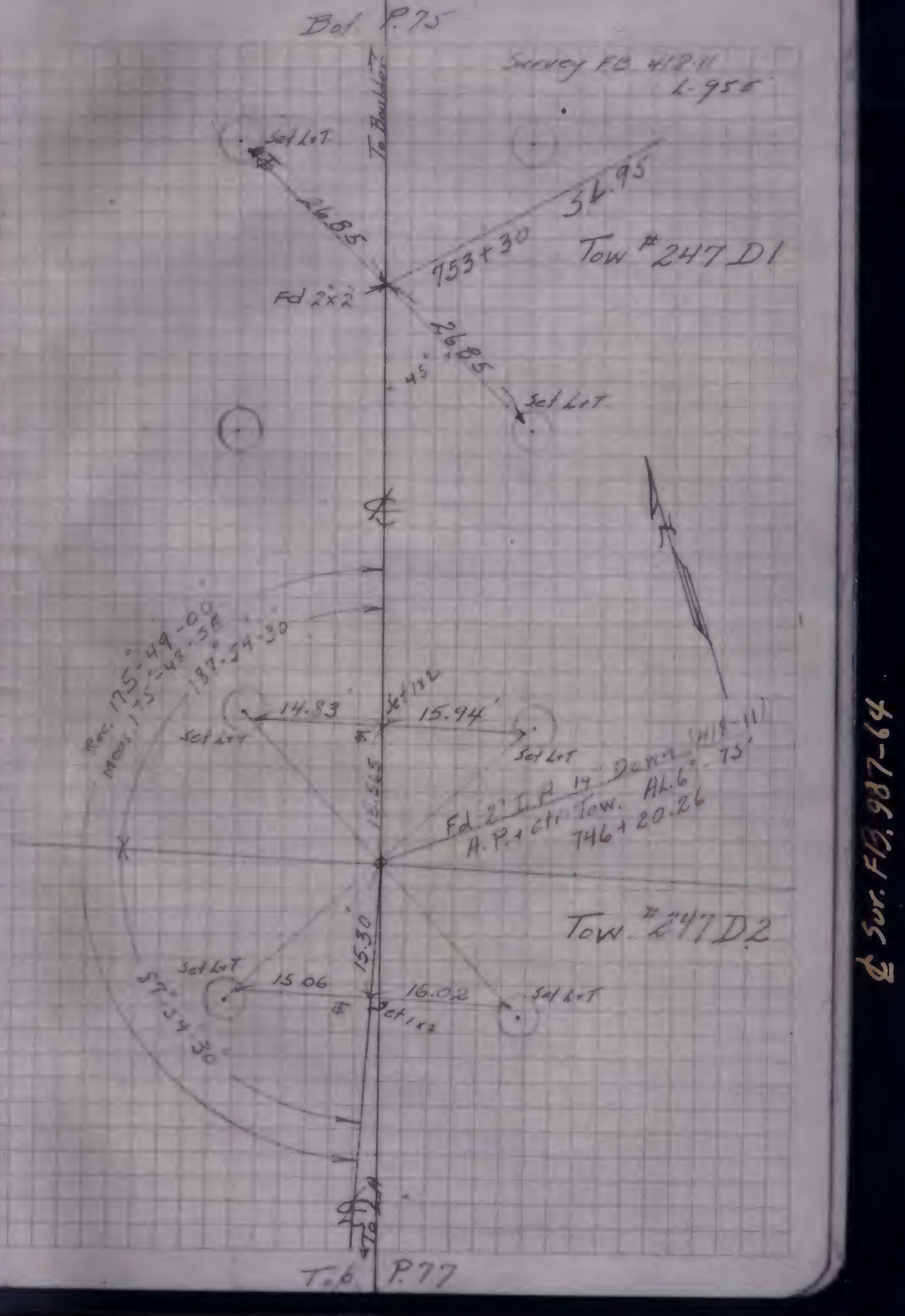
Top Pg 75

℄ Sur. FB. 987-60

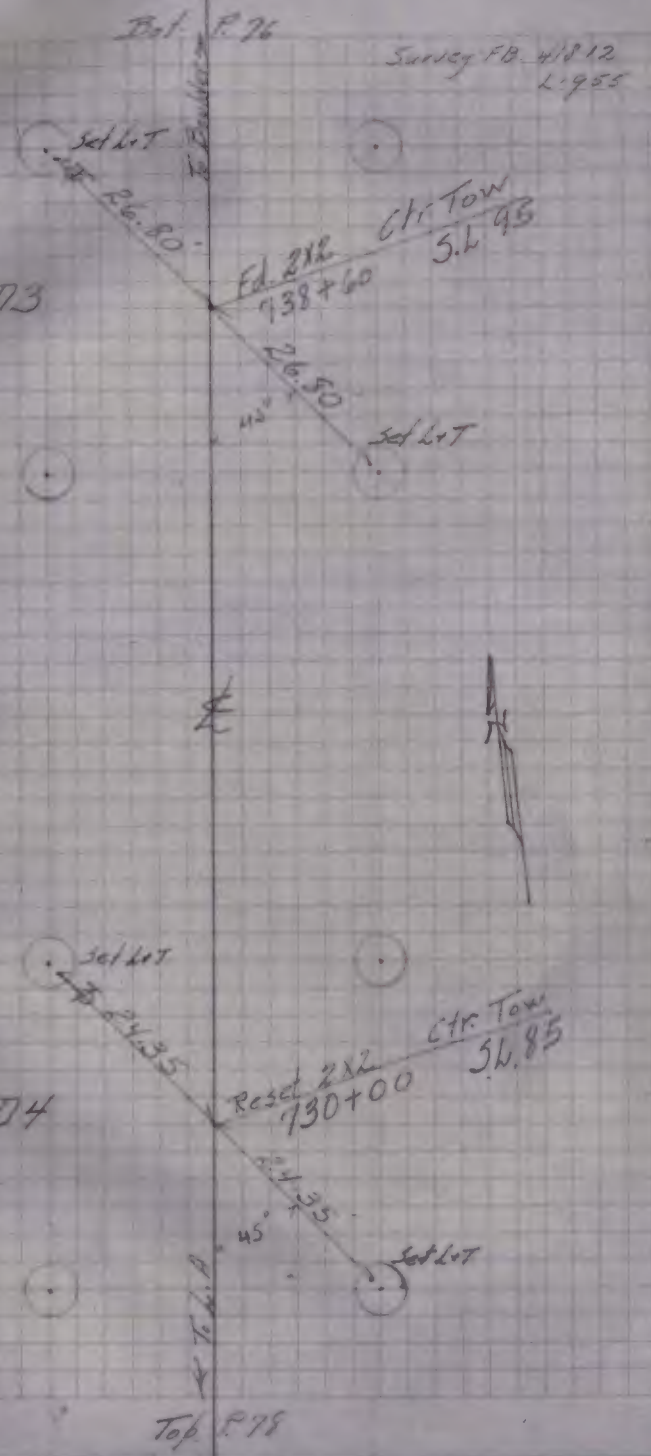
℄ Sur. FB. 987-63



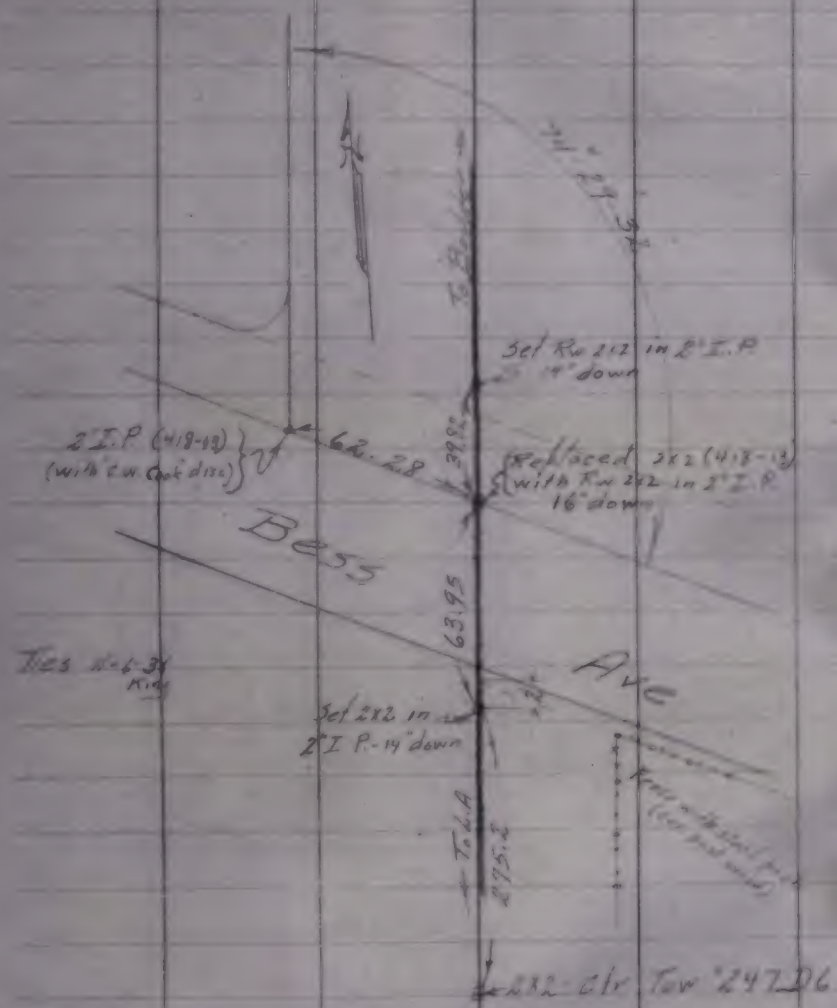
℄ Survey F.B. 987-62

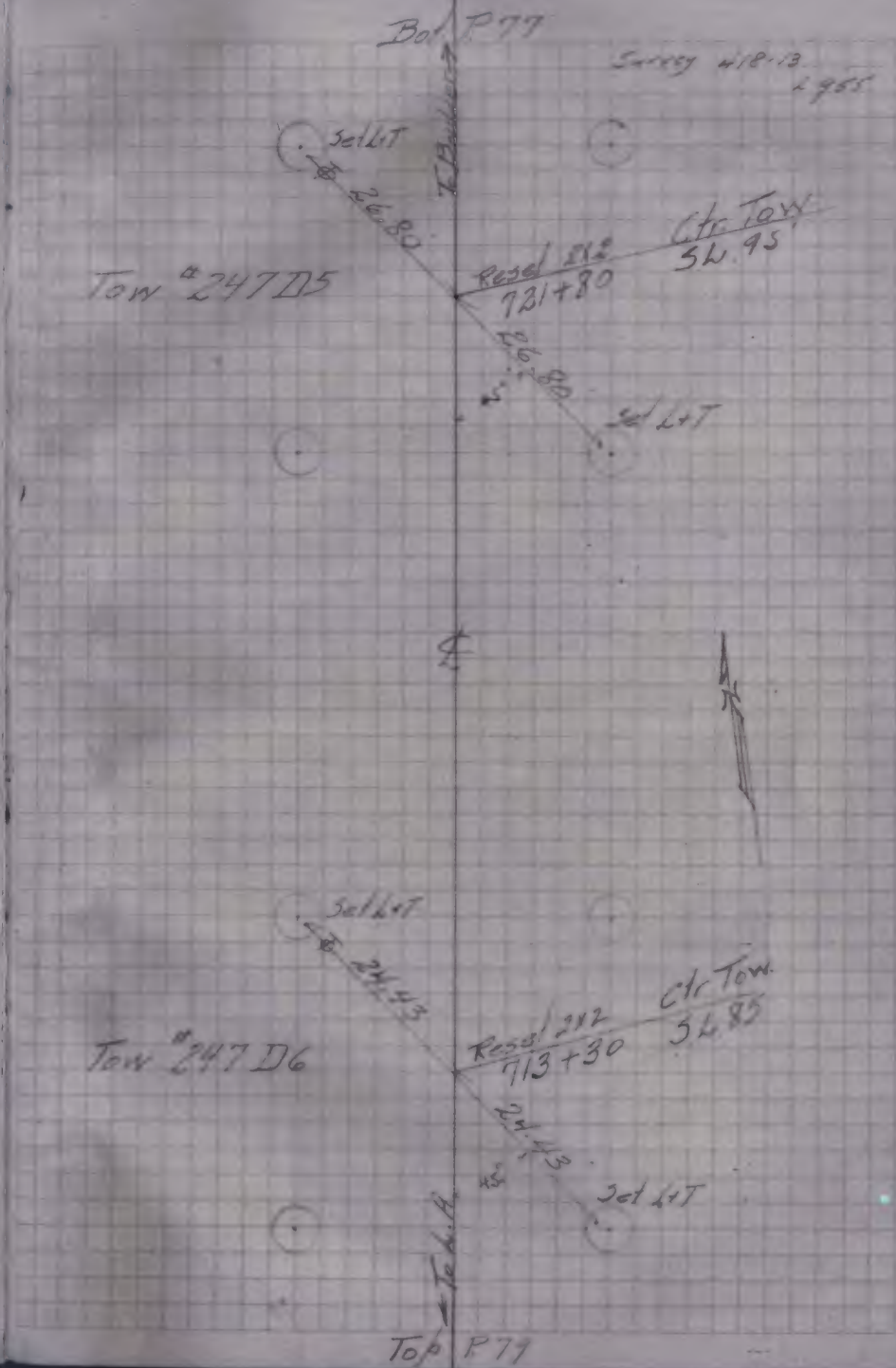


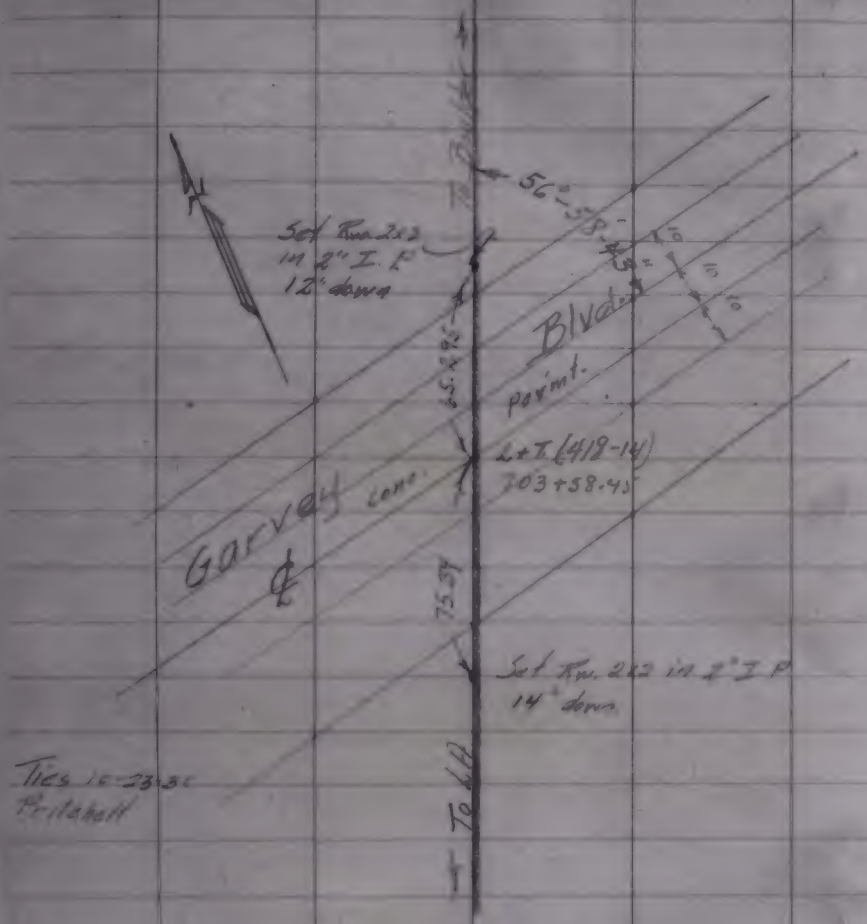
℄ Sur. F.B. 987-64

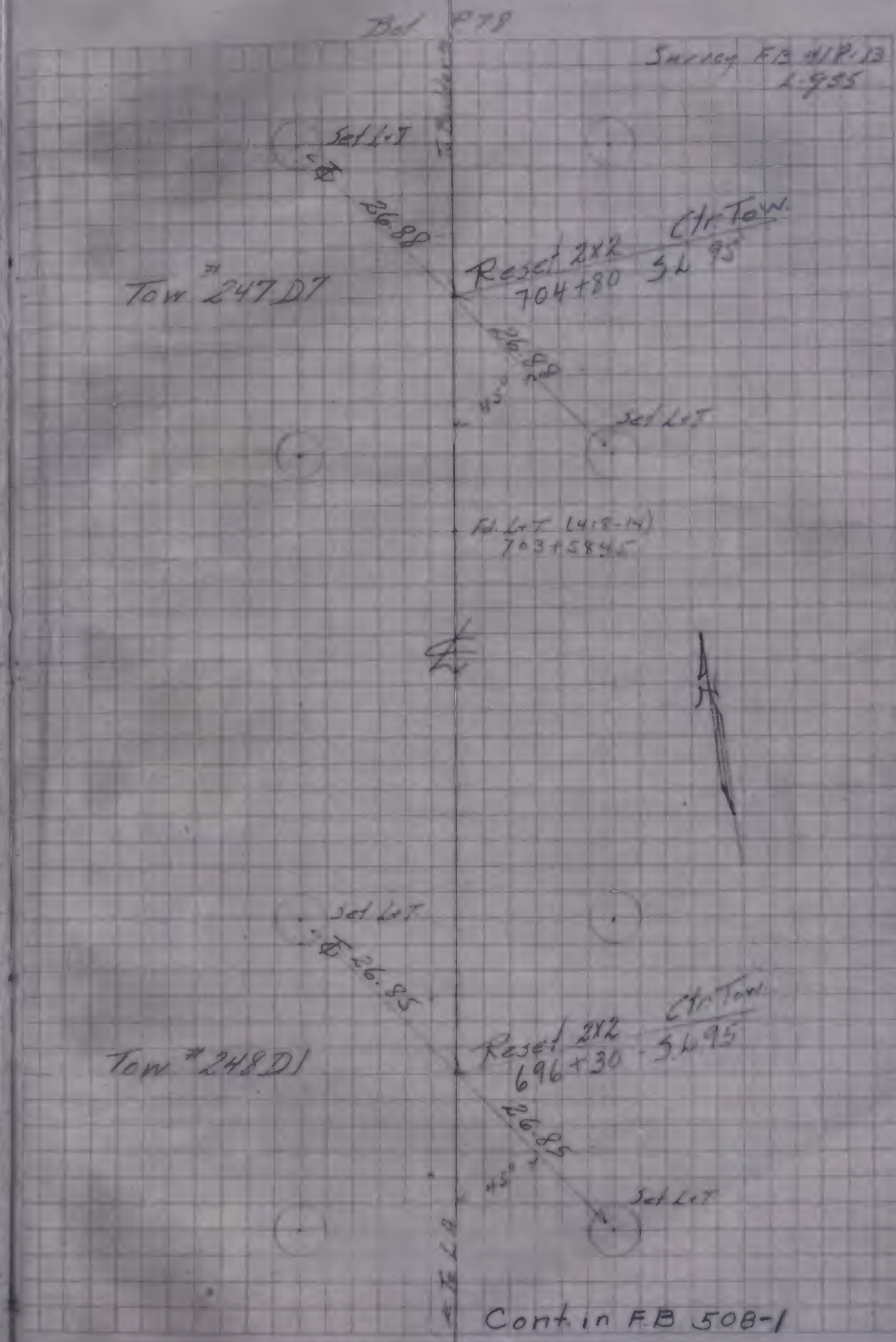

Bot. P. 76
Survey F.B. 418 12
L-955
Set L&T
26.80
Ctr. Tow
5.4 95
Ed. 282
738+60
Tow. #247 D3
26.50
45°
Set L&T
℄
Set L&T
24.35
Ctr. Tow
5.4.85
Reset 282
730+00
Tow. #247 D4
24.35
45°
Set L&T
Top P. 78

℄ Sur. F.B. 980-67


To Bolster
Set Rw 2x2 in 2" I.P
14" down
2" I.P (418-12)
(with c.w. Cut disc)
62.28
39.82
Replaced 2x2 (418-12)
with Rw 2x2 in 2" I.P
16" down
Bess
63.95
Ave
Set 2x2 in
2" I.P. - 14" down
To L.A
27.95
2x2 - Ctr Tow #247D6


Bol P77
Survey 418-13
2.955
Set L+T
To Bolster
26.80
Ctr Tow
5L.95
Tow #247D5
Reset 2x2
721+80
26.80
Set L+T
Set L+T
24.43
Ctr Tow
5L.85
Tow #247D6
Reset 2x2
713+30
24.43
Set L+T
To L.A
Top P79





Cont. in F.B. 508-1

To 508-P2