RETURN TO
[illegible] SECTION
BU[illegible] LIGHT
P. O. B[illegible] ANNEX
LOS ANGELES, CALIFORNIA

997-1

F.B. 997-1

B.P.& L.*F.B.352

352

1

RIGHT-OF-WAY SURVEY
COLORADO RIVER
TRANSMISSION LINE
STEWART-GRAY ROAD TO MAINE AVE.

ORIGINAL & SURVEY-PAGES 2-41.
5/20/32 - 7/24/32. 8/8/32 - 3/20/33.

RELOCATED & SURVEY-PAGES 42-59.
6/28/33 - 7/15/33.

W.C. Mason, Surveyor + Recorder.
J.J. Orcutt Jr. + Chn. J.H. Oliver Chn. V.F. Lundgren, Chn.
F.W. Ballinger Jr. E.W. Bartow Chn.

PROFILE & LEVEL NOTES SHOWN
IN F.B. #360-1 TO 42, 69 TO 80.
& F.B. #370-4 TO 10, 58 TO 61.

DETAIL - GROUND & OVERHEAD
STEWART-GRAY RD. TO SAN DIMAS CANYON
PAGES 60 TO 80

6-22-36 Additional Detail Wheeler La Verne Rd. Page 78

3-28-44 New Edison Co. Trans. Line Crossing Siphon Rd. & San Gabriel River Location & Conductor Clearances 79-8

INDEXED

RETURN TO
LAND SECTION
BUREAU OF POWER AND LIGHT
P. O. BOX 3669, TERMINAL ANNEX
LOS ANGELES, CALIFORNIA

References
B.P.L. F.B.#286-72,77
Licensed Surveyor's Map #30-38,39
Map of J. Reynolds Tract D.M.7-249
County Surveyor's Map #7228
Rd. Dept. F.B. #FA16-15

GENERAL NOTES

1. References given on a page refer to the survey on that page, and only those references listed have been used.
2. Measured distances are corrected for temperature, and corrected measurement given. 100 ft. Lufkin Invar steel tapes used, (U.S.B.S. #3763 + #4443) Temperature corrections to Oct. 10, 1932 made to 84°F. On Oct. 10 the tapes were recalibrated to 77°F.
3. All chaining up to July 29 done by Oliver (Hd.Chn) and Brett (Rear). After that date all chaining done by Oliver (Hd.) and Lundgren (Rear) unless otherwise noted.
4. Flood Control R/W is 500 ft. wide (250 ft. each side of ℄) unless otherwise noted.
5. Flood Control stationing north of Olard St. is comprehensive stationing (adjusted) as shown in FB#FC 502.
6. ℄ Survey based on 100 ft. R/W. R/W going north was increased to 120 ft. (6/15/33) causing relocation of ℄ as noted on page 3 and beyond.
W.C.M.

FOR ADDITIONAL SURVEY NOTES
SEE B.P.L. FIELD BOOK NO. 292-40,74

12.12
104.62

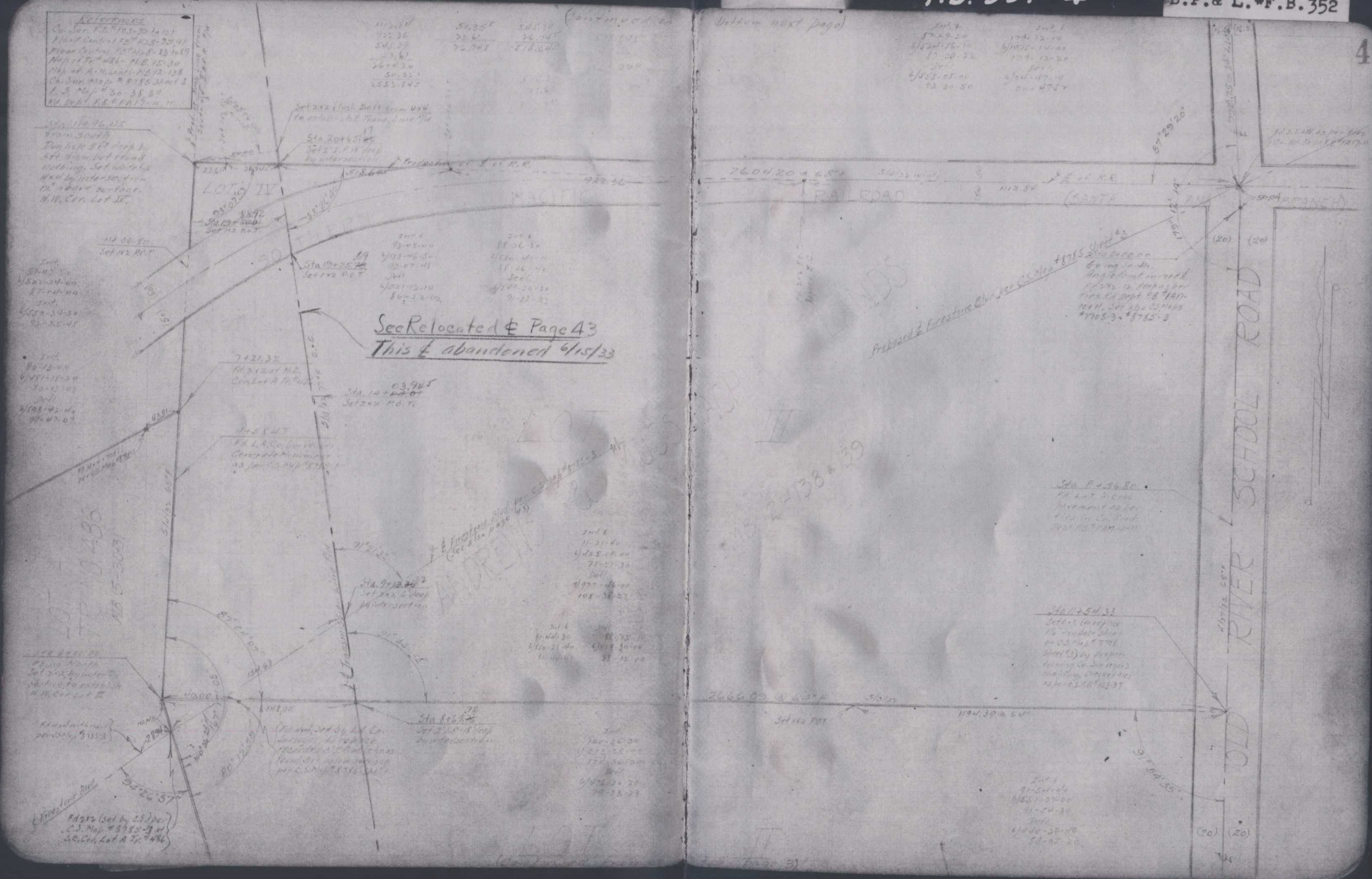
27.60
74.78
102.38

75.46
74.74
73.15
236.33

B.P.& L. #F.B. 352

References
L.S. Map # 30-38 39
See Relocated ℄ Page 43
This ℄ Abandoned 4/15/33
SURVEY OF ANDREWS & MUSSACHIA LANDS
April 20 to May 9, 1932
LOT II MUSSACHIA LANDS
ANDREWS LOT
OLD RIVER SCHOOL ROAD
1916.975 @ 76° (Calc)
1916.96 @ 76°
Random Line for Chaining
643.49 @ 75°
99°32'36"
91°30'20"
85°42'49"
Sta 2+55.78
Set 2" I.P. 12" deep by intersection
Sta 0+00 going North - A.R. #1
Sta 18+09.75
Set L.T. (to replace 3" I.P. shown on C.S. Map #7228 Sheet #3)
Sta 33+60.85 from North
Transmission R/W
151.95
51.87
See Relocated ℄ Page 43
This ℄ Abandoned 8/20/35
Final Survey
830-65
STEWART
GRAY

B.P.& L.*F.B.352


See Relocated ℄ Page 43
This ℄ abandoned 6/15/33
LOT IV
LOT II
RAILROAD
(SANTA ANA BRANCH)
OLD RIVER SCHOOL ROAD
Proposed ℄ Firestone Blvd. per C.S. Map #8785 Sheet #3
(Continued on bottom next page)

References
Center Line Rio Hondo
RIO HONDO
Sta 39+27.38
Angle Point #2
Sta 58+13.72
Set 1½" I.P. 6" deep
by intersection
COUNTRY CLUB
See Relocated ℄ Page 44
This ℄ abandoned 6/15/33
COUNTRY CLUB RD. ℄
RIO HONDO PLACE ℄
7689
LOT "A"
RIO HONDO DR.
PELLET
STREET
NO. 7028
TRACT
(M.B. 76-11)
1439.00
NOTE:
Additional Survey of
Tract No. 9212 made
Mar. 3-7, 1934.
All notes on this page
and page 44.
H.C. Mason

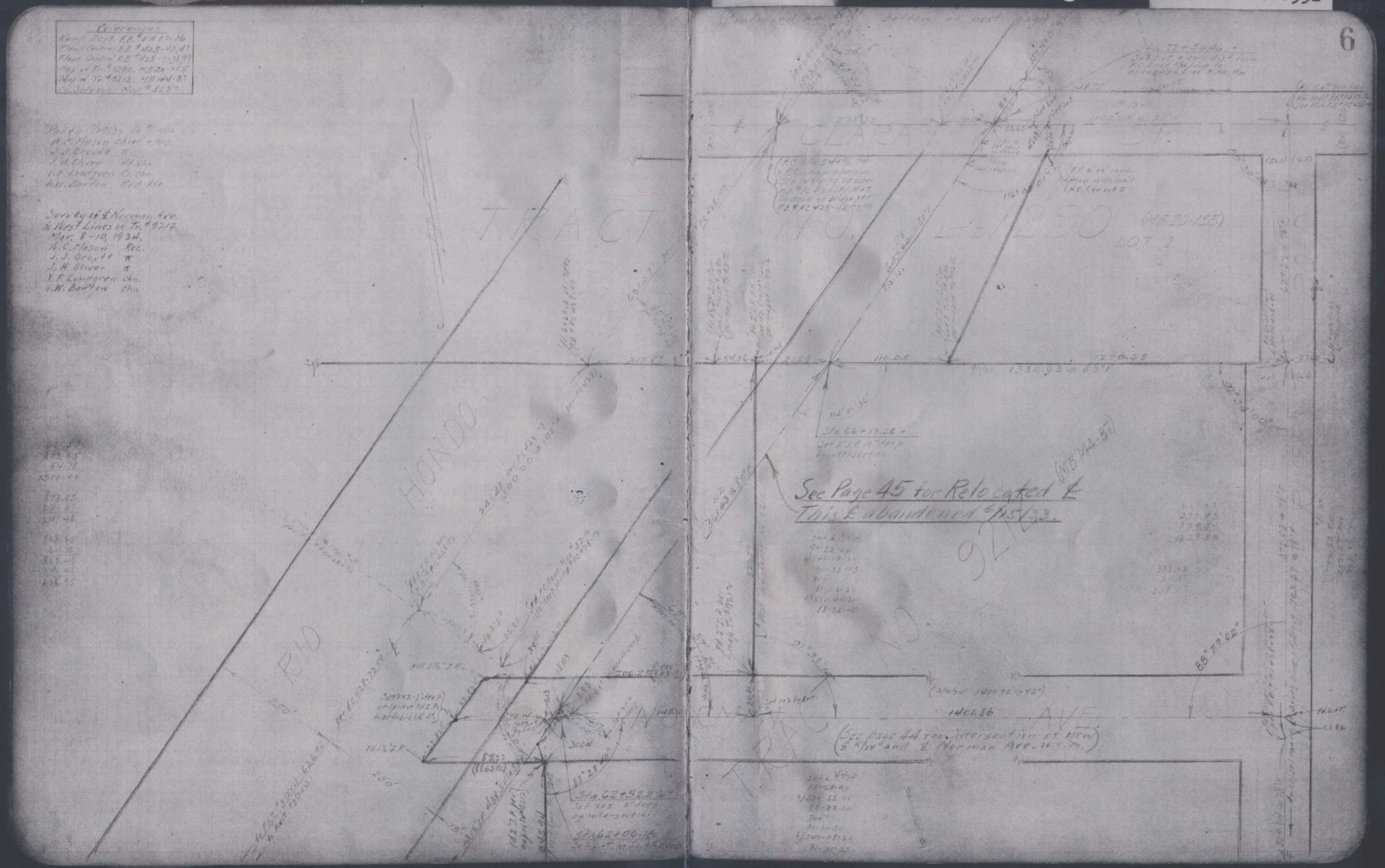
WS32-D-1

WS36-B-1

F.B. 997-6

B.P.& L.*F.B.352

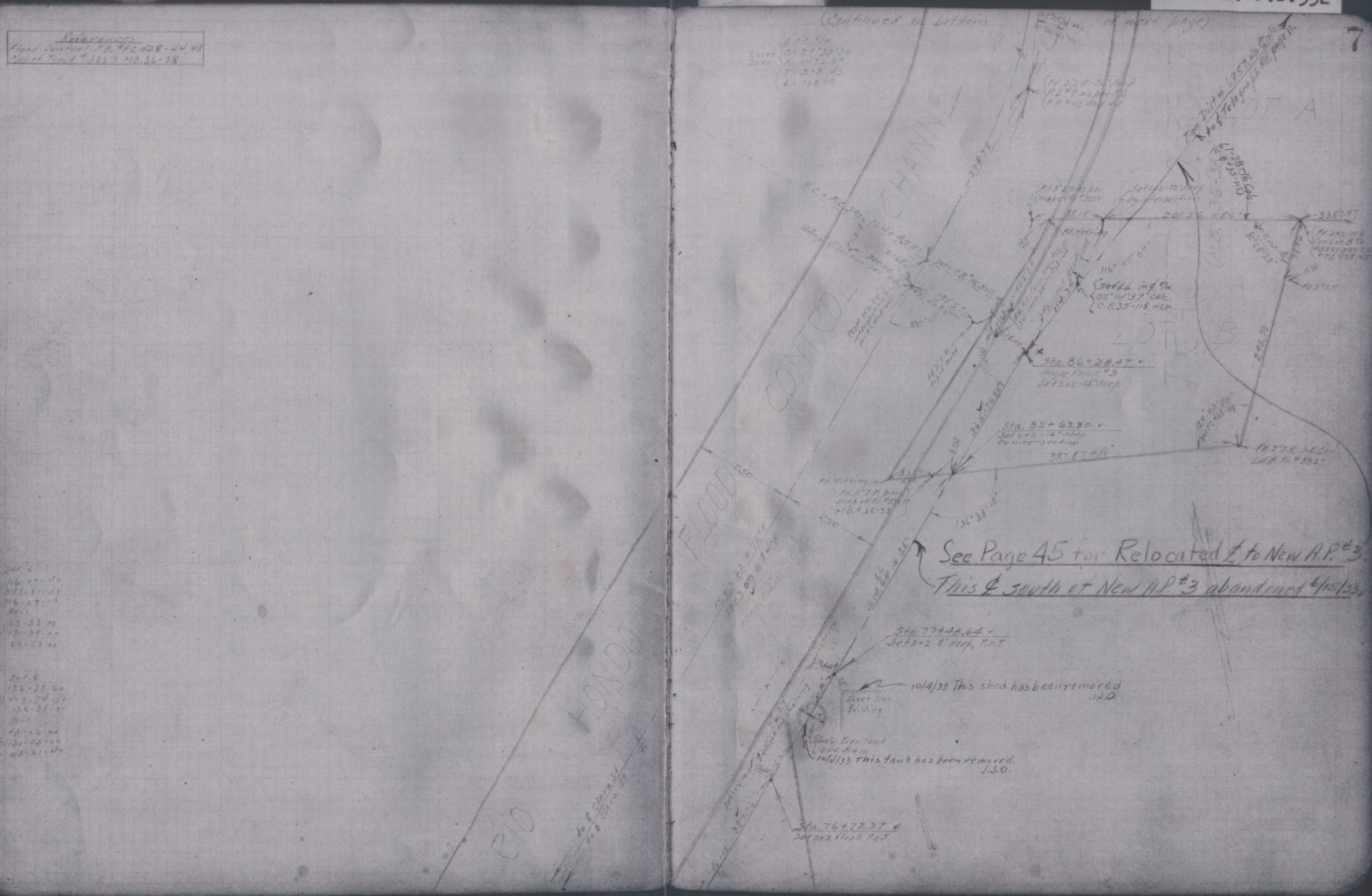
6



F.B. 997-7

B.P.& L. *F.B. 352

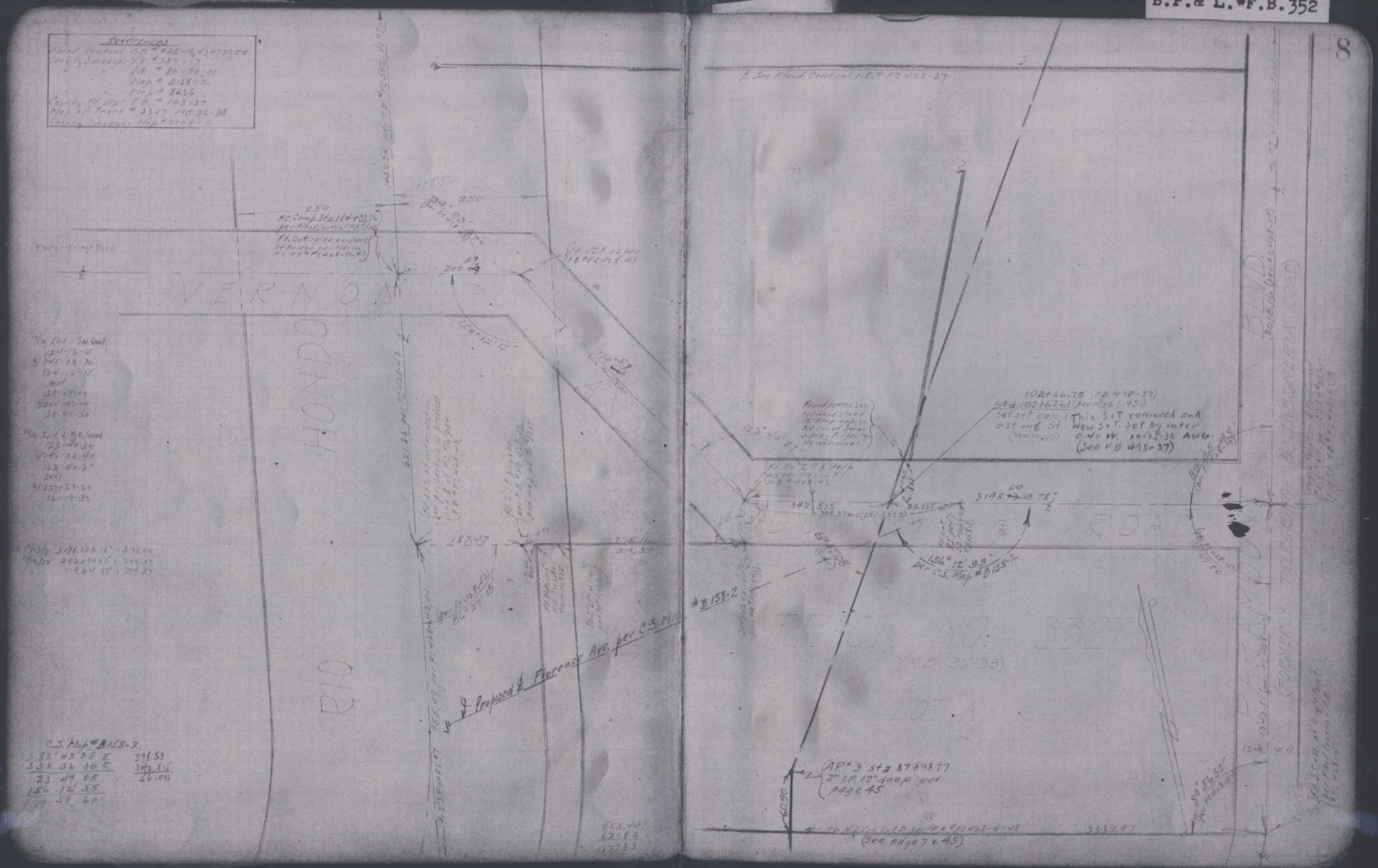
7



F.B. 997-8

B.P.& L. #F.B. 352

8

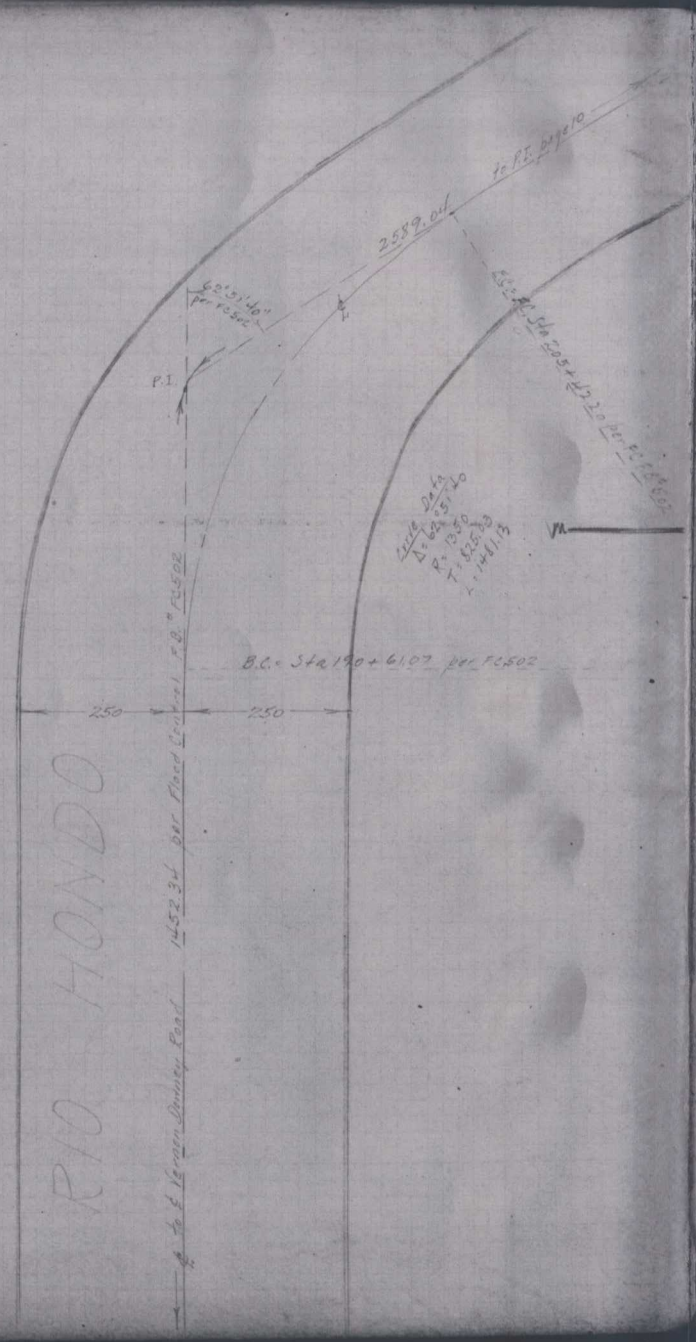


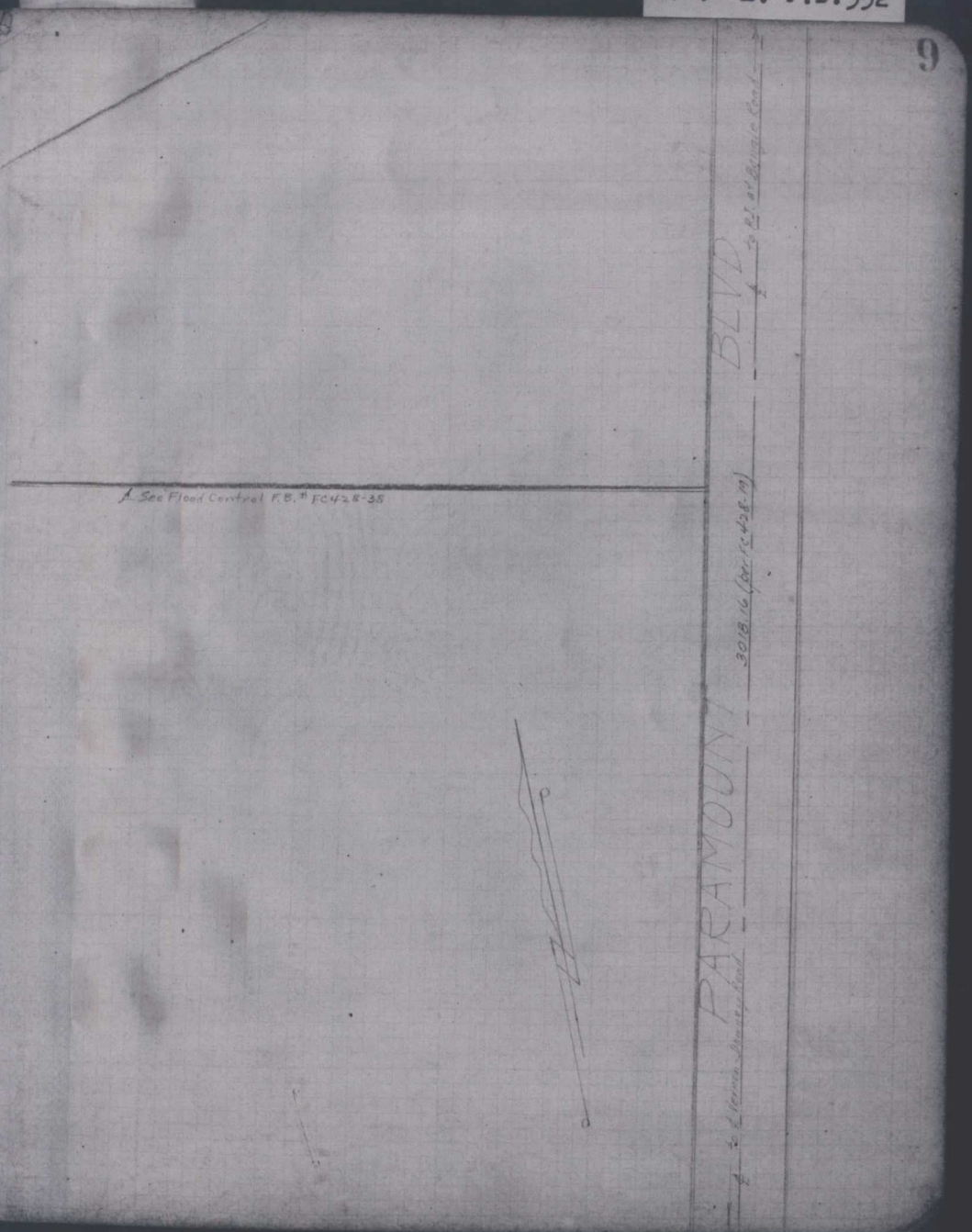
F.B. 997-9

F.B. 997-10

B.P.& L.*F.B. 352

9

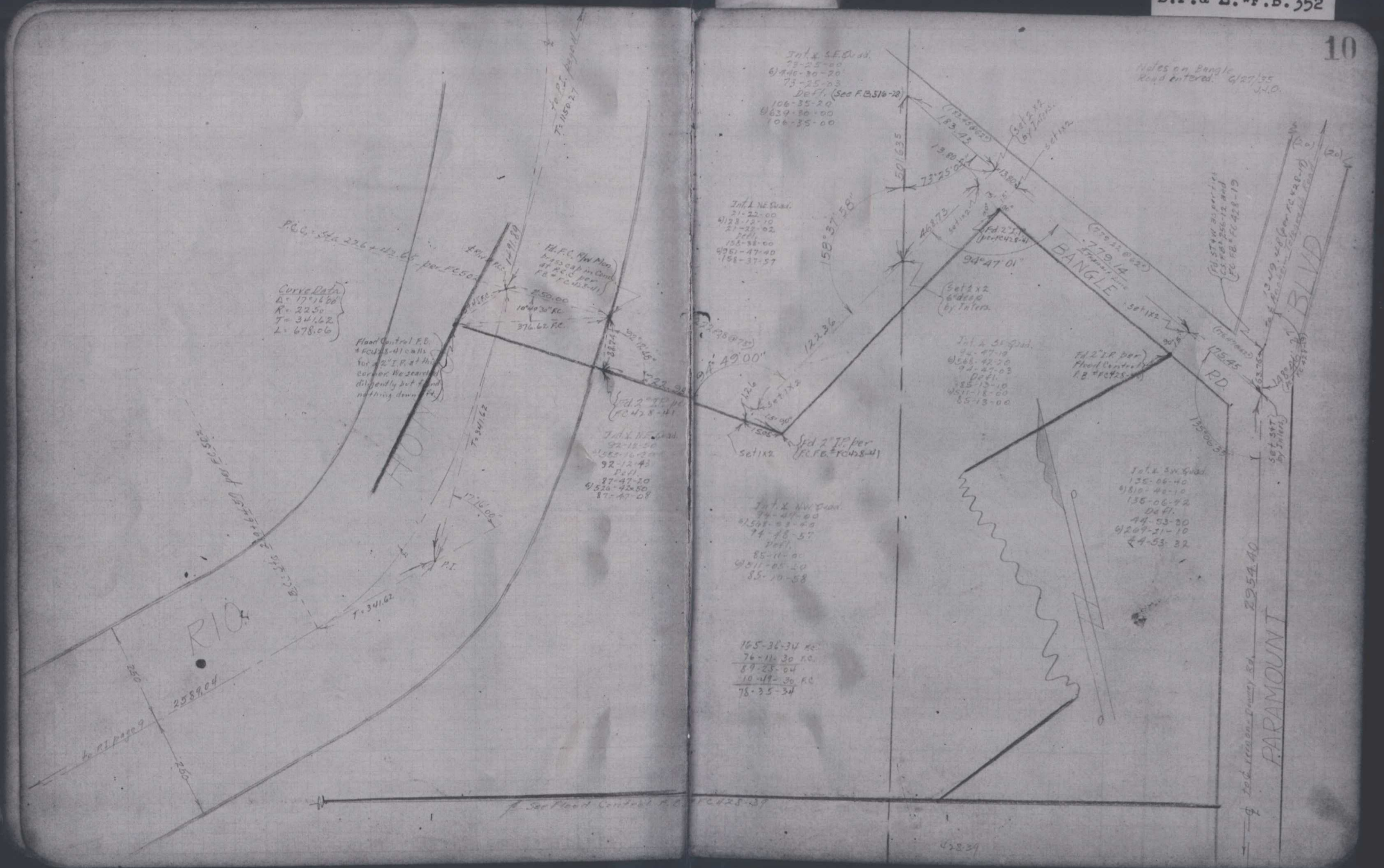




F.B. 997-11

F.B. 997-12

B.P.& L.*F.B.352



F.B. 997-13

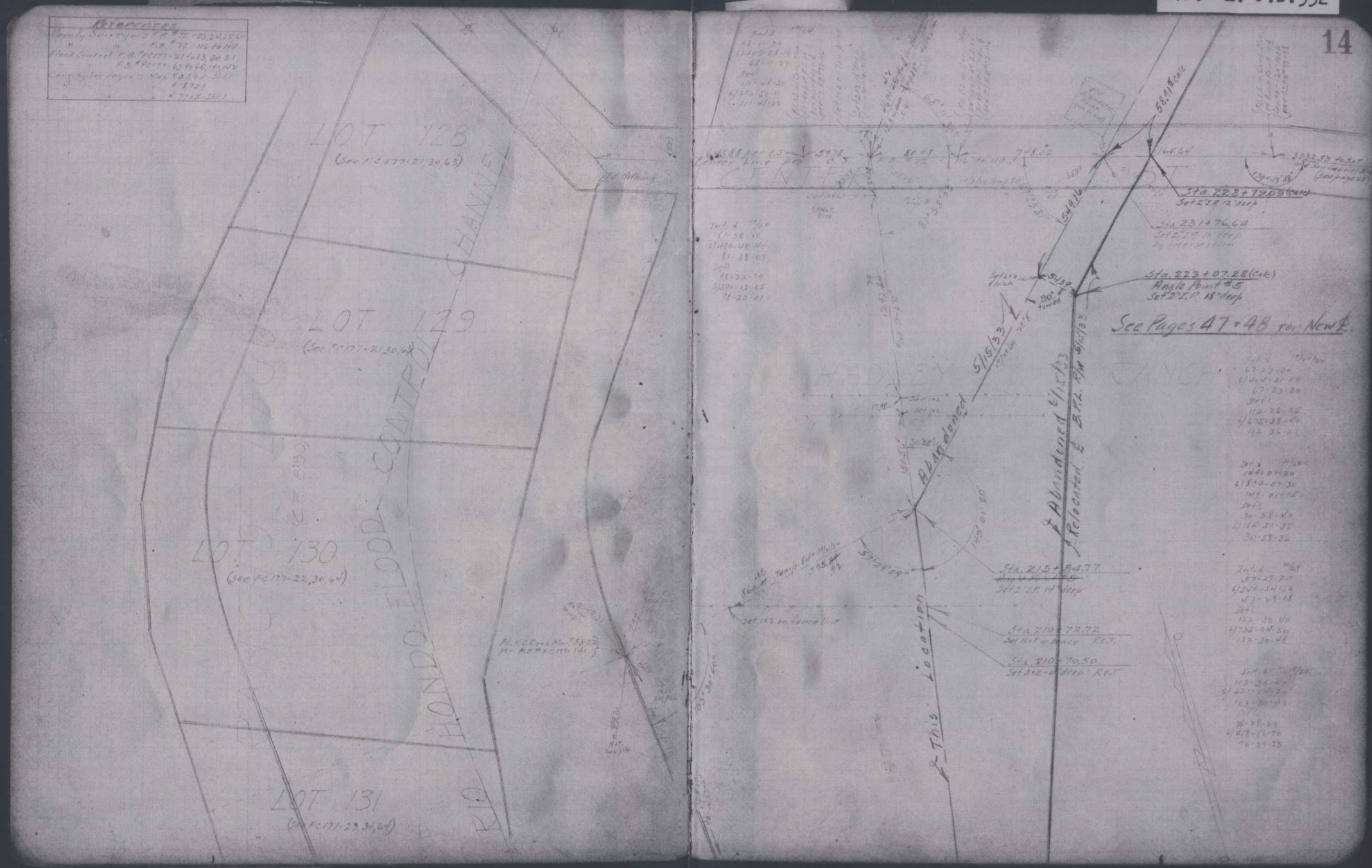
F.B. 997-14

B.P.& L. #F.B.352

F.B. 997-19

F.B. 997-20

B.P.& L.*F.B.352

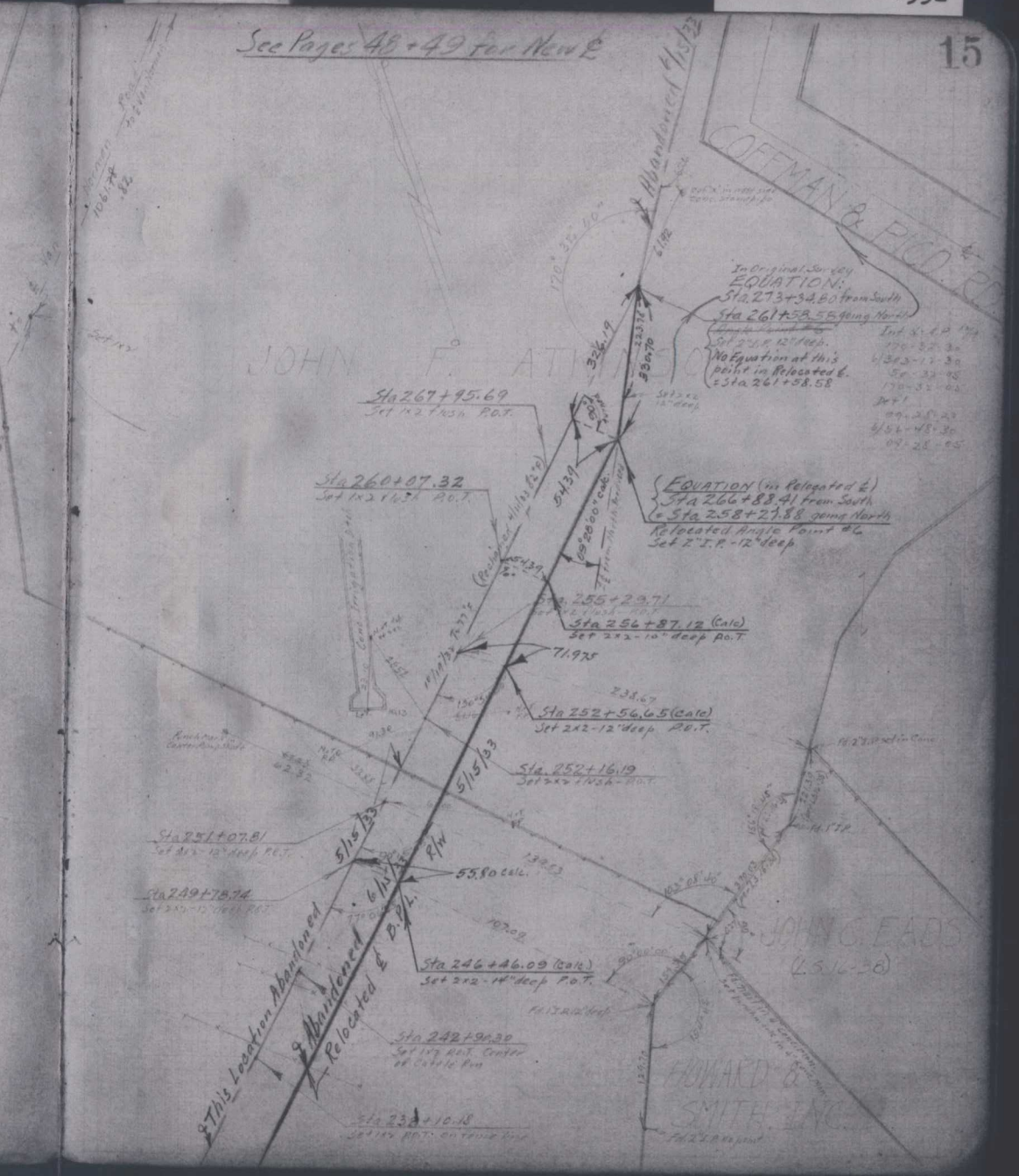


F.B. 997-21

F.B. 997-22

B.P.& L.*F.B.352

See Pages 48 + 49 For New ℄



F.B. 997-23

35 D-4

F.B. 997-24

B.P.& L.*F.B. 352

See Pages 49 + 50 for Retraced ℄

16

MARGINAL MAP

References
County Surveyor's Map #3451
" " Map #7491
Licensed Surveyors Map #30-37
R/W Dept F.B.#2-350-158
" " F.B.#2-164-26
" " F.B. #2-111-48
" " R.B. & P.O. 234-9
L.R.#62-65799 Tortens T.H. Case
Assessor's M.B.# 118-20ct 219

Sta. 274+20.31
Set 1X2 flush to established B.C. ℄ North of A.2.27

Sta. 274+ 0991
Angle Point
Set 2-I.P.
by intersec

VAN NORMAN ROAD

Sta 266+37.56
Set 2X2-12"Rep. a point on the ℄ of St. S. along ℄ Van Norman Road to establish ℄ P.R.C.

COFFMAN AVENUE

MARGINAL

ADDITIONAL RIGHT OF WAY

F.B. 997-25

F.B. 997-26

36, D4

B.P.& L.*F.B.352

17

References
County Surveyor's Map # 7776
" " Map # 7708-1
" " Map # 3429
Licensed Surveyor's Map # 30-37
Rd. Dept. F.B. # 2-167-26
L.R. # 62-65799, Torrens Title Case
Assessor's M.B. # 118-243,219

17/5	316.75	(@ 80°	= 316.74
"	329.93	80°	= 329.97
"	755.15	80°	= 755.13
17/6	662.90	77°	= 662.87
"	662.24	78°	= 662.21
17/8	1241.21	68°	= 1241.08
17/9	661.40	80°	= 661.41
"	1138.82	74°	= 1138.80
"	2487.62	74°	= 2487.48
6-18-37 17/4	1247.82	75°	= 1247.80
17/6	660.81	45°	= 660.76
"	1228.88	65°	= 1228.79
"	1358.74	65°	= 1358.62
"	1875.38	65°	= 1875.23
"	2378.70	65°	= 2378.61

(Sta 49 Common Partition. Fd. 2" I.P. 6ft long bulled out and lying to left of ground at location shown on L.S. 30-37)

1036.60 for L.S. 30-37

17/8	Def'l. &	17/8	Int. & S.W. Road
	04'50"		90-34-30
	6/30-15		6/542-27-00
	04'53"		90-34-30
	Int. &		Def'l.
	179°55'00"		89-25-10
17/9	89-31-20	6/536-31-00	
"	179°55'15		89-25-10

17/9	Int. &	17/7	Int. & S.W. Road
	89-33-10		6/543-23-00
	6/537-18-30		90-33-50
	89-33-08		Def'l.
	Def'l.		89-26-00
	90-27-00		6/536-37-00
	6/542-40-10		89-26-10
	90-26-52		

17/10	Int. &	17/7	Int. &
	90-25-40		90-32-45
	6/542-35-		6/543-18-15
	90-25-53		90-33-02
	Def'l. &		Def'l.
	89-34-00		6/536-52-00
	6/537-24-40		89-27-00
	89-34-07		

17/8	Int. &	11/21/27	Int. &
	90-25-10		109-32-10
	6/542-31-30		6/457-13-50
	90-25-15		109-32-18
	Def'l.		Def'l.
	6/537-26-45		70-27-50
	89-34-28		6/472-46-20
			90-27-42

ROAD

See Page 50 for N.C.W. ℄

Remembered 6/15/23

PICO PURCT. CORP.

Sta 291+87.66
Set 2x2-12" deep
by intersection

Fd. 3" I.P. set in concrete and protruding approx. 1/2" above ground. Dist. from T.L. to I.P. at ground level. Taper pipe has been sheared to East. May have been either a survey corner or fence corner

Sta 46 Coffman Partition Fd. 2" I.P. with no mon't. Set 2x2 at point of intersection of fence from Sta. Coffman Partitions as per L.S. 30-37

Sta 285+59.63
Set 2x2-12" deep
by intersection

Fd. 2" I.P. with no mon't. Set 2x2 at point of intersection of fence from Sta. Coffman Partitions as per L.S. 30-37

Sta 43 Common Partition. Fd. nail and tag set to established point on transit line by Rob.

Set S.T. by proportioning my measured distance to agree with distance as shown on L.S. Map 30-37

Set 1" I.P. - 12" deep.

Sta. 282+29.80
Set 2x2-12" deep
by intersection

Fd. 2" I.P. set in Conc. Intersection as found when it had been set by plan of R.S.

Set N. & T. by intersection

Fd. 2" I.P. set in Conc.

MARSHALL COFFMAN
(L.S. 30-37)

Sta. 279+13.19
Set 2x2-12" deep
by intersection

Fd. 3" I.P. Set in Concrete per L.S. 30-37

See Page 16

2" I.P. as shown at this point on L.S. Map 30-37 found lying on top of ground. Plowed out.

Set N. & T. by intersection

Fd. 2" I.P. Set in conc.

COFFMAN ROAD

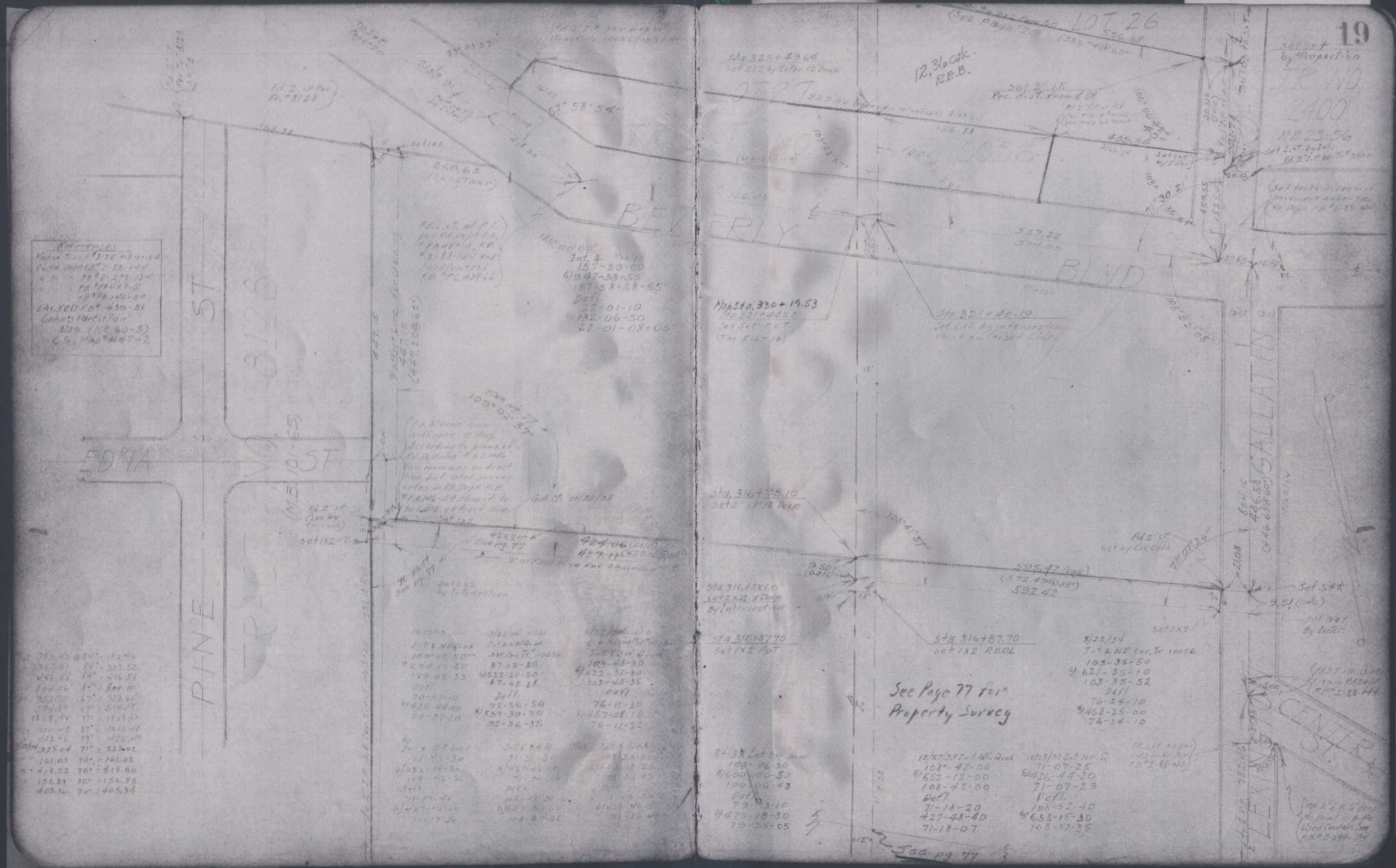
B.P.& L.*F.B.352

UNION
PACIFIC
RY.
RIGHT-OF-WAY
£ tracks
GALLATIN
ROAD
LEXINGTON
WEST BLVD
SPEEDWAY
TAP No 5606
(M.B. 90-82)
WHITTIER
BOULEVARD
Map Sta 312+99.10
Sta 304+23.82
Sta 304+23.12
Sta 303+72.11
Map Sta 307+92.21
(see F.B. 516-12)
Sta 299+16.93
This £ from New A.P. #8 to New A.P. #9 remains O.K.
This £ south of A.P. #8 abandoned
See Page 50 for new £
Set L.T. by intersection
Set S.T. by intersection
107.12
474.04
364.86
177.51
155.85
386.80
1085.93
98°06'25"
180°02'51"
89°20'53"
References
306+83.98

F.B. 997-29

F.B. 997-30

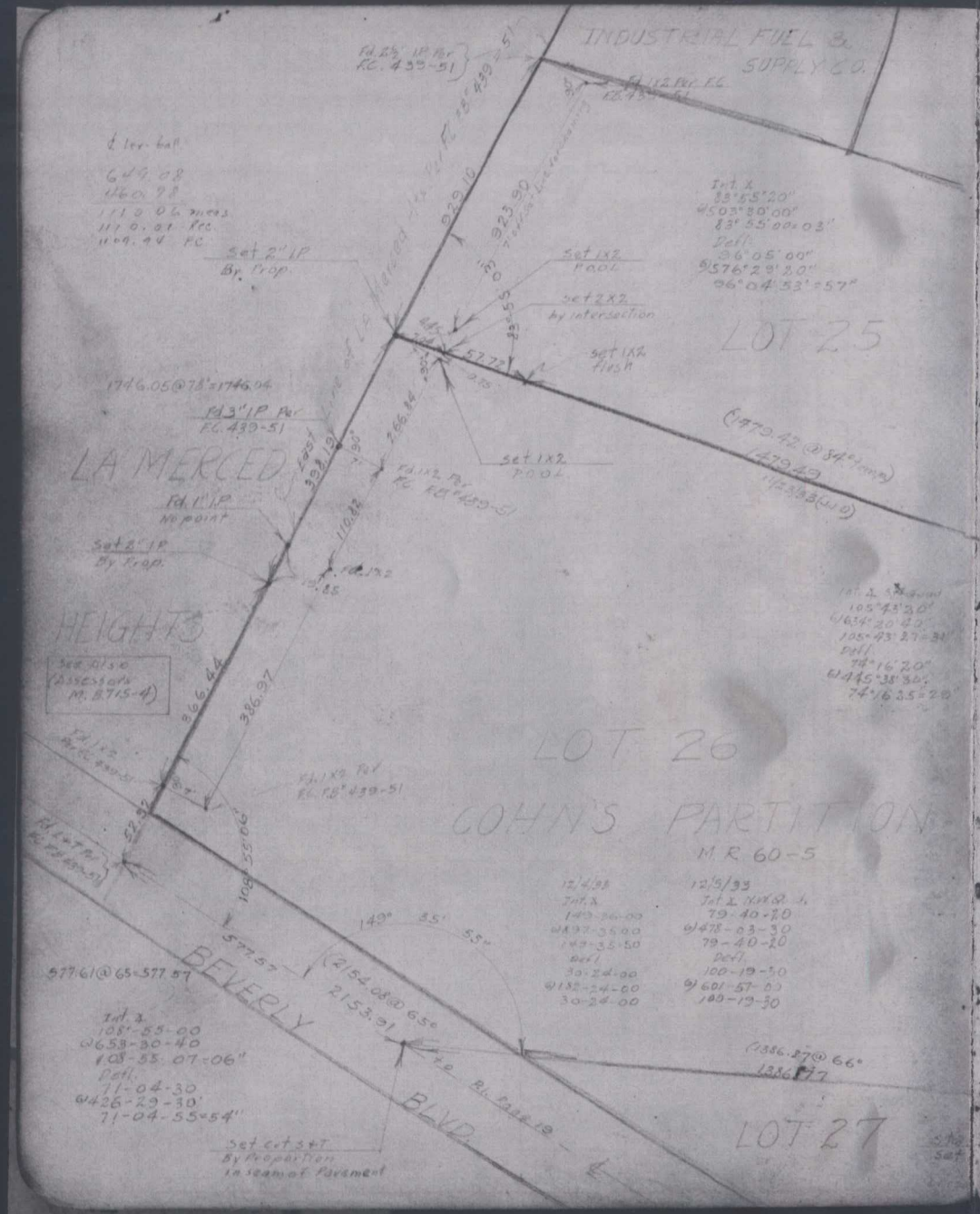
B.P.& L.*F.B. 352



F.B. 997-31

F.B. 997-32

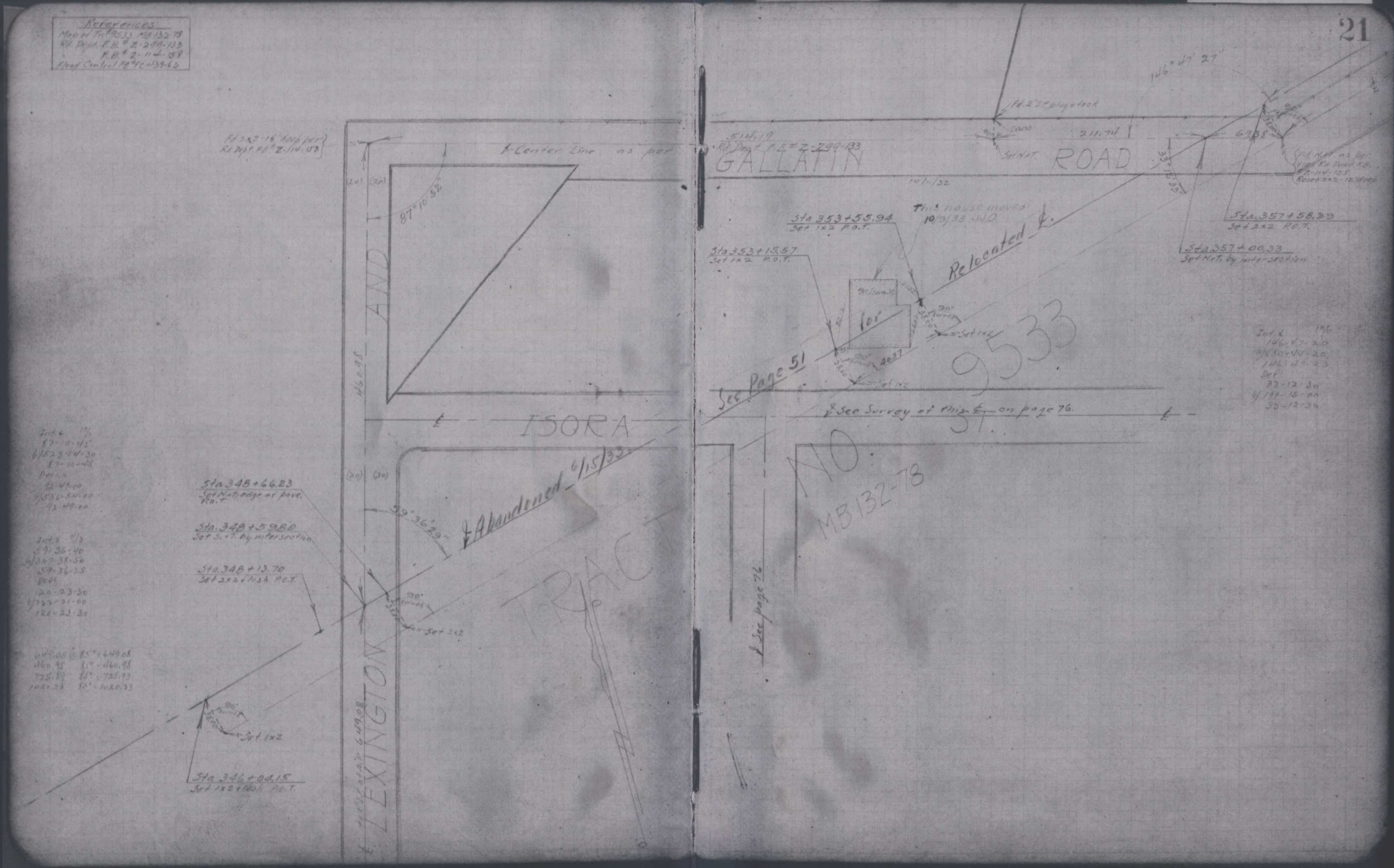
B.P.& L. *F.B. 352



F.B. 997-33

F.B. 997-34

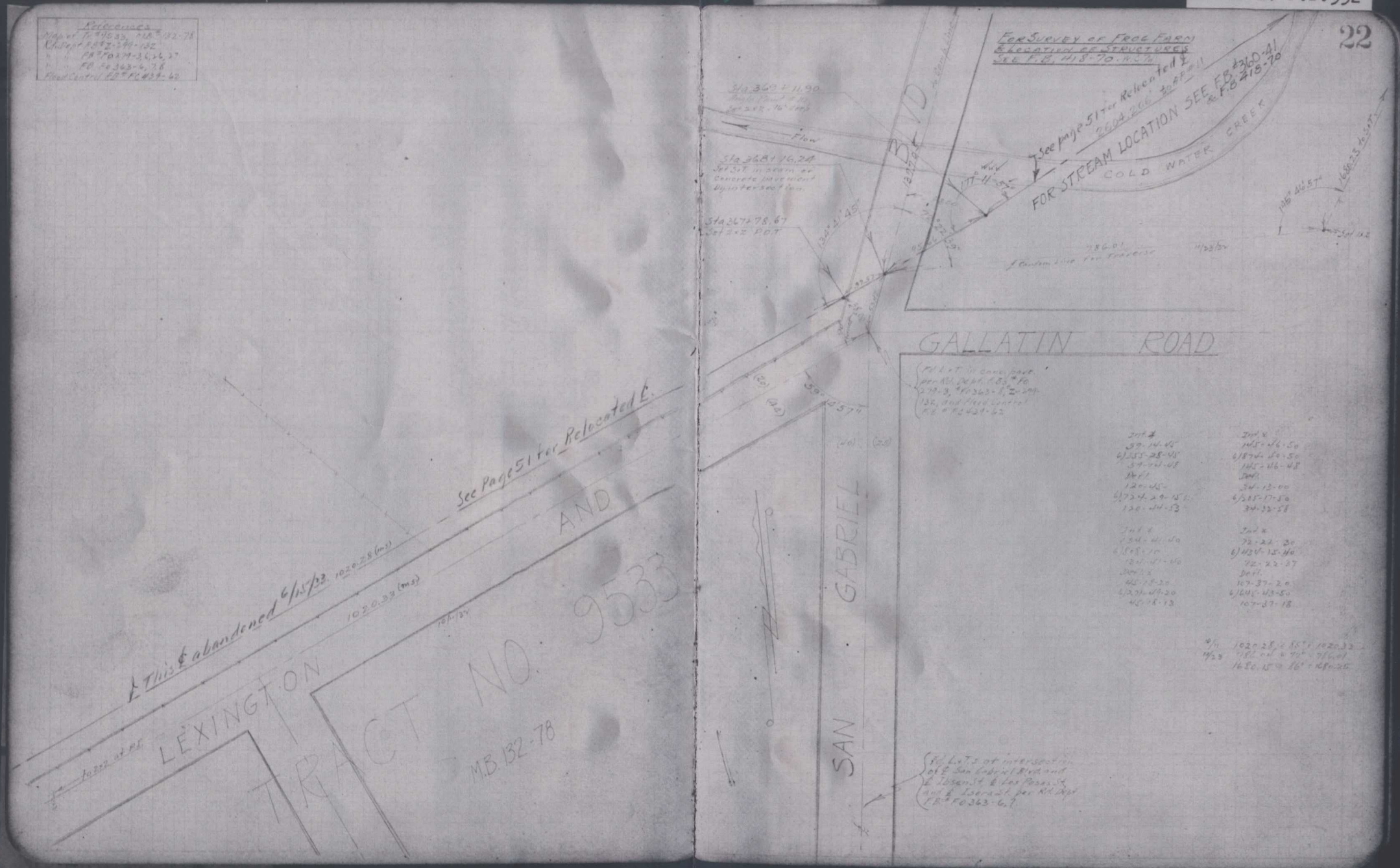
B.P.& L.*F.B. 352



F.B. 997-35

F.B. 997-36

B.P.& L. *F.B. 352

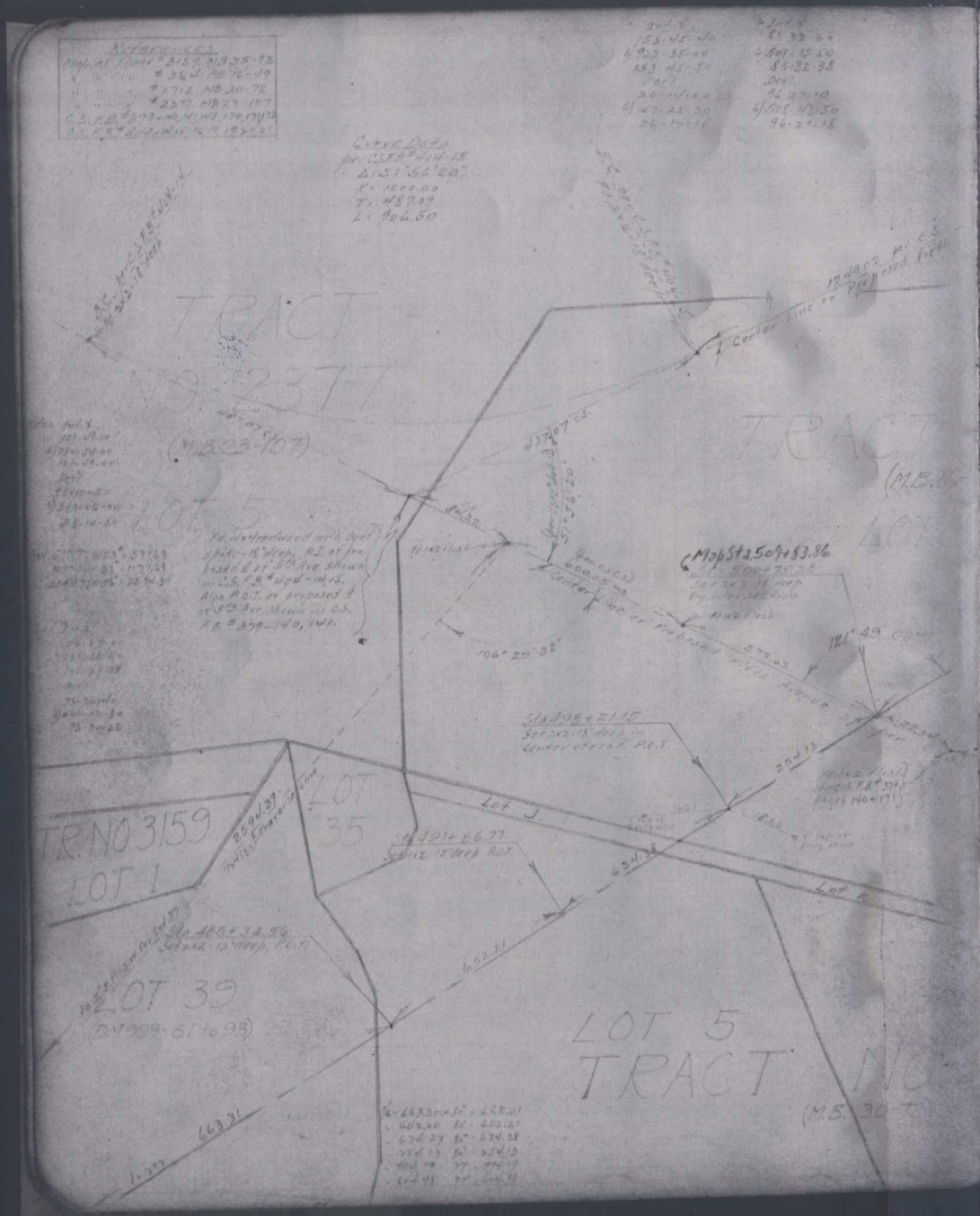


Note: For B.P.&L. F.B. 352-23 to 26
See F.B. 987-33

F.B. 997-37

F.B. 997-38

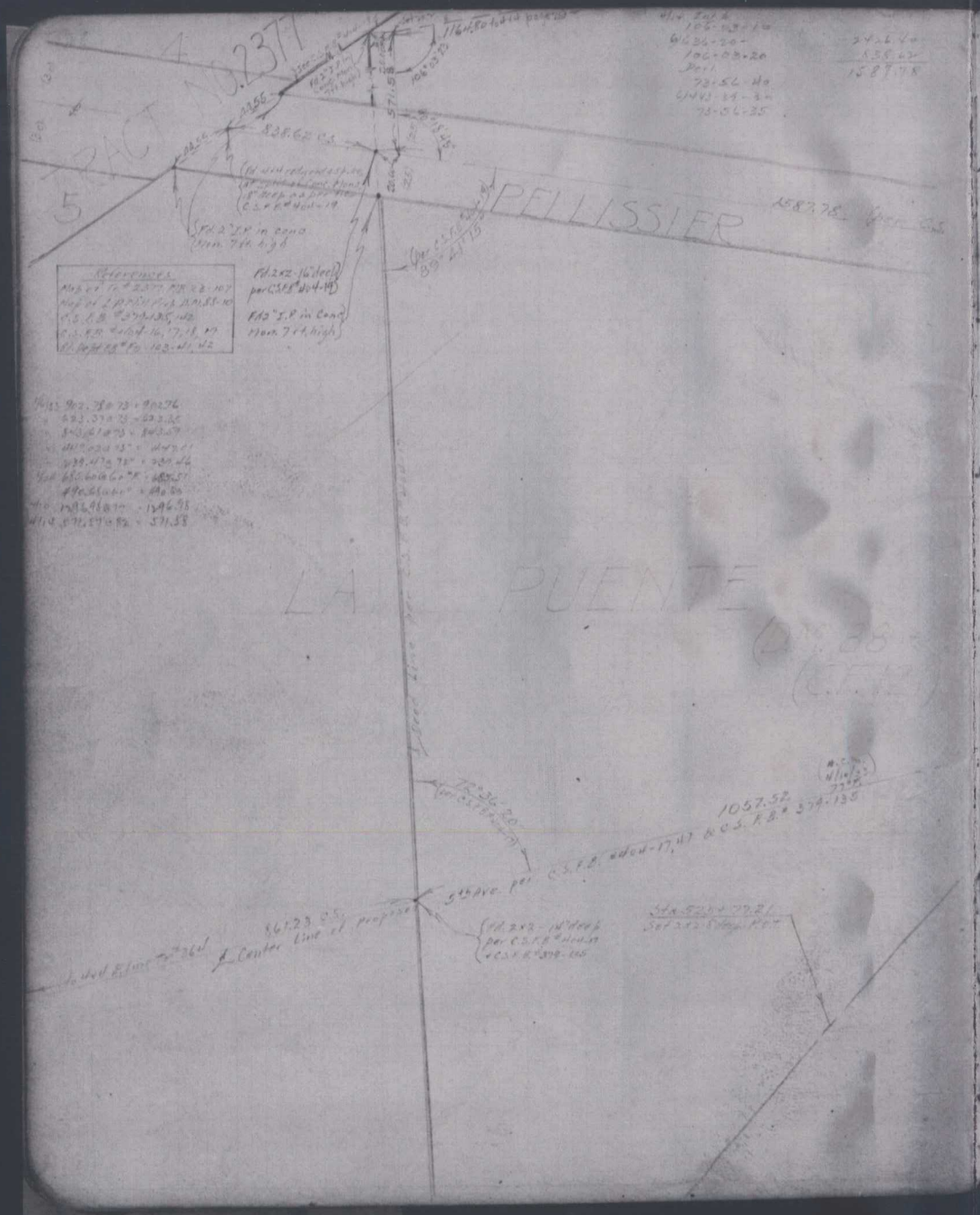
B.P.& L.*F.B.352



F.B. 997-39

F.B. 997-40

B.P.& L. *F.B. 352



F.B. 997-41

F.B. 997-42

B.P.& L.*F.B.352

F.B. 997-43

F.B. 997-44

B.P.& L.*F.B.352

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F.B. 997-45

WS 37-C-2
D-2

F.B. 997-46

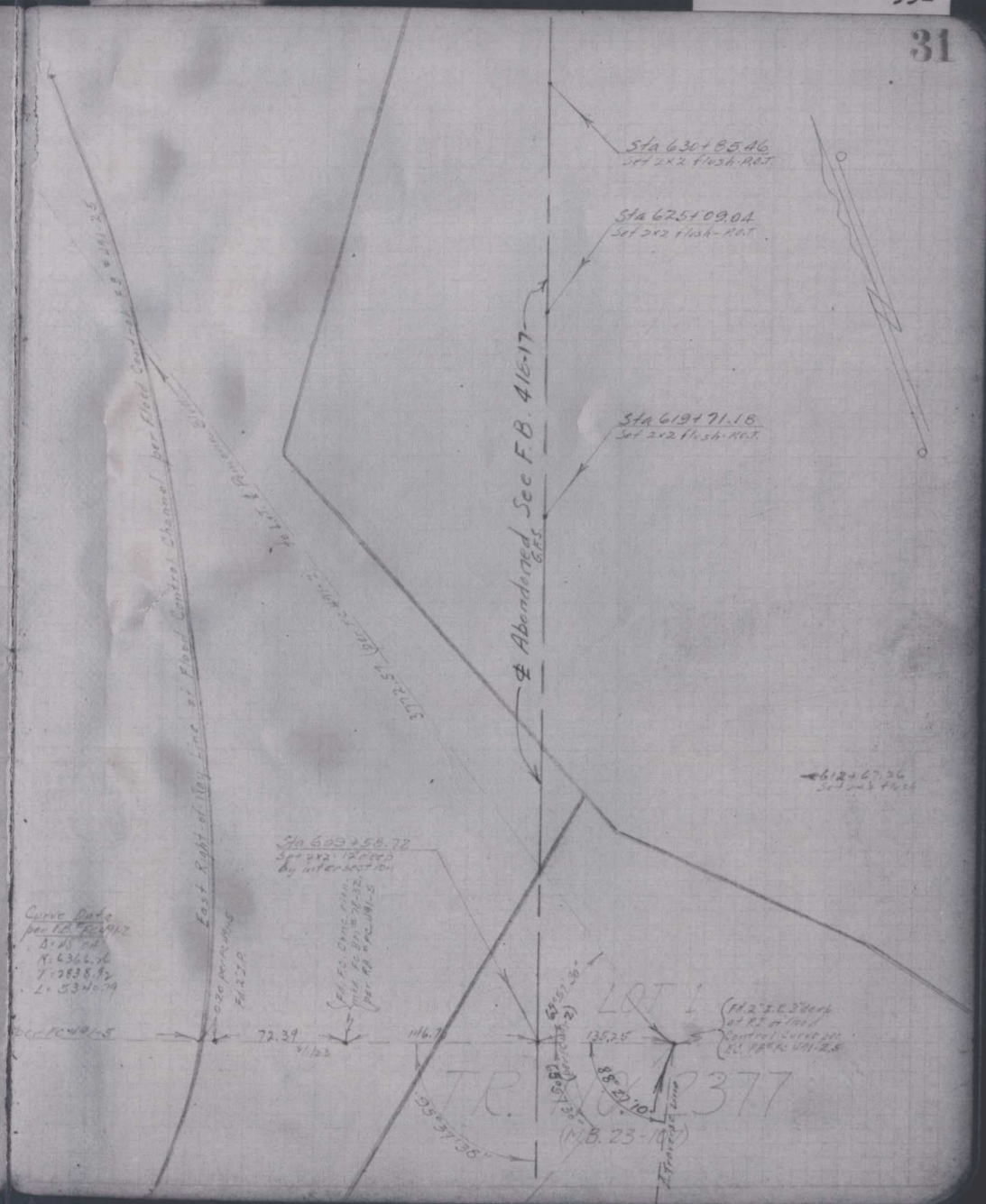
Contd. on F.B. 976-6

B.P.& L.*F.B.352

References
Flood Control F.C. #FC 491-2,5,7.
Map of Tract #2377 MB 23-107

9/27/33	2728.07 @ 55°	=	2727.68
	3036.64 @ 55°	=	3036.22
	308.87 @ 55°	=	308.54
	703.96	68° =	703.92
	537.89	68° =	537.86
	576.45	68° =	576.42

9/1/33	Int. ∡	9/14	Int. ∡
	95-37-45		88-27-00
	6) 573-45-30		6) 530-43-00
	95-37-35		88-27-10
	Det. ∡		Det. ∡
	6) 506-14-00		91-32-50
	84-23-20		6) 549-16-30
			91-32-45

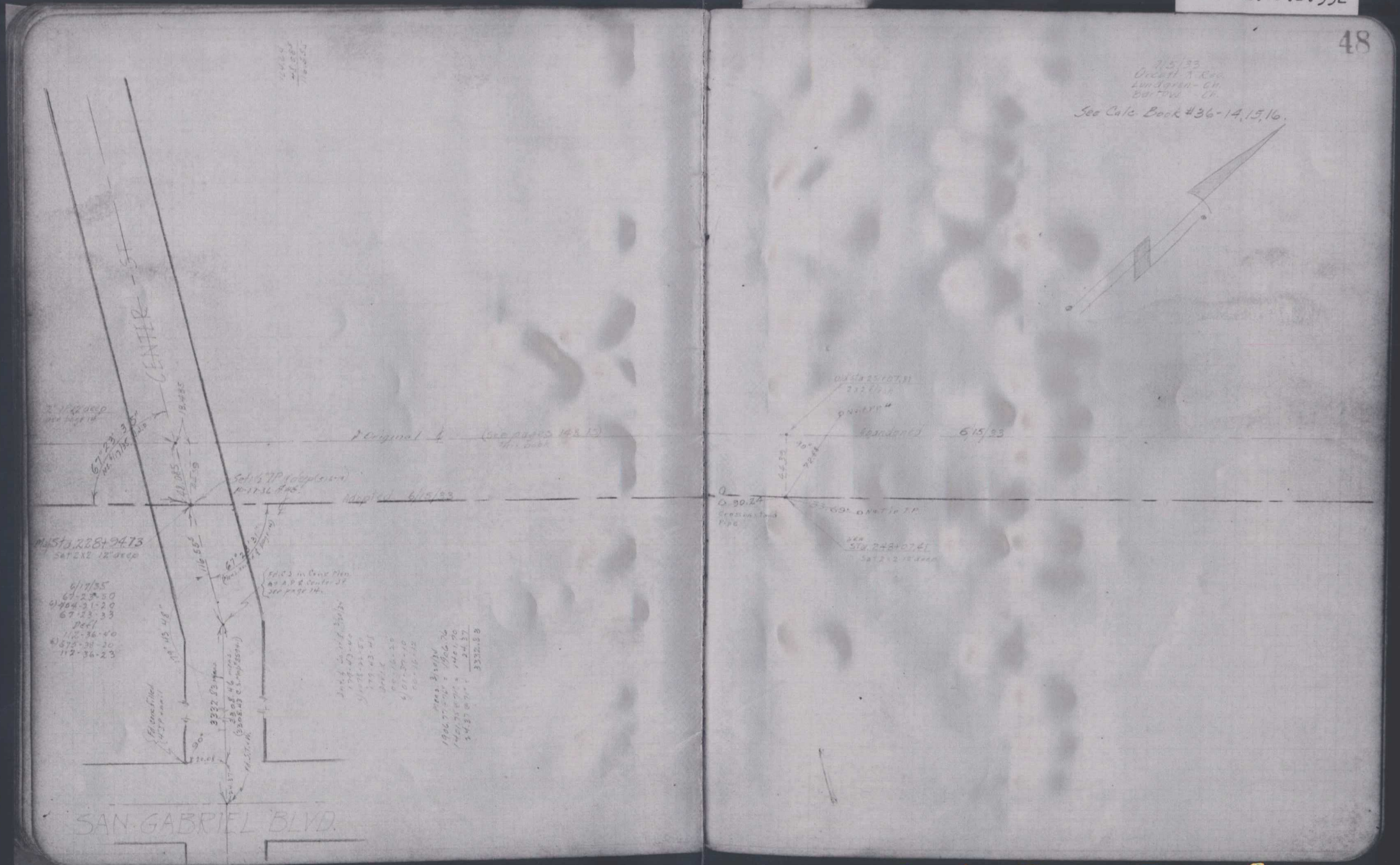


F.B. 997-47

F.B. 997-48

B.P.& L. *F.B. 352

48



Contd. From F.B. 995-12

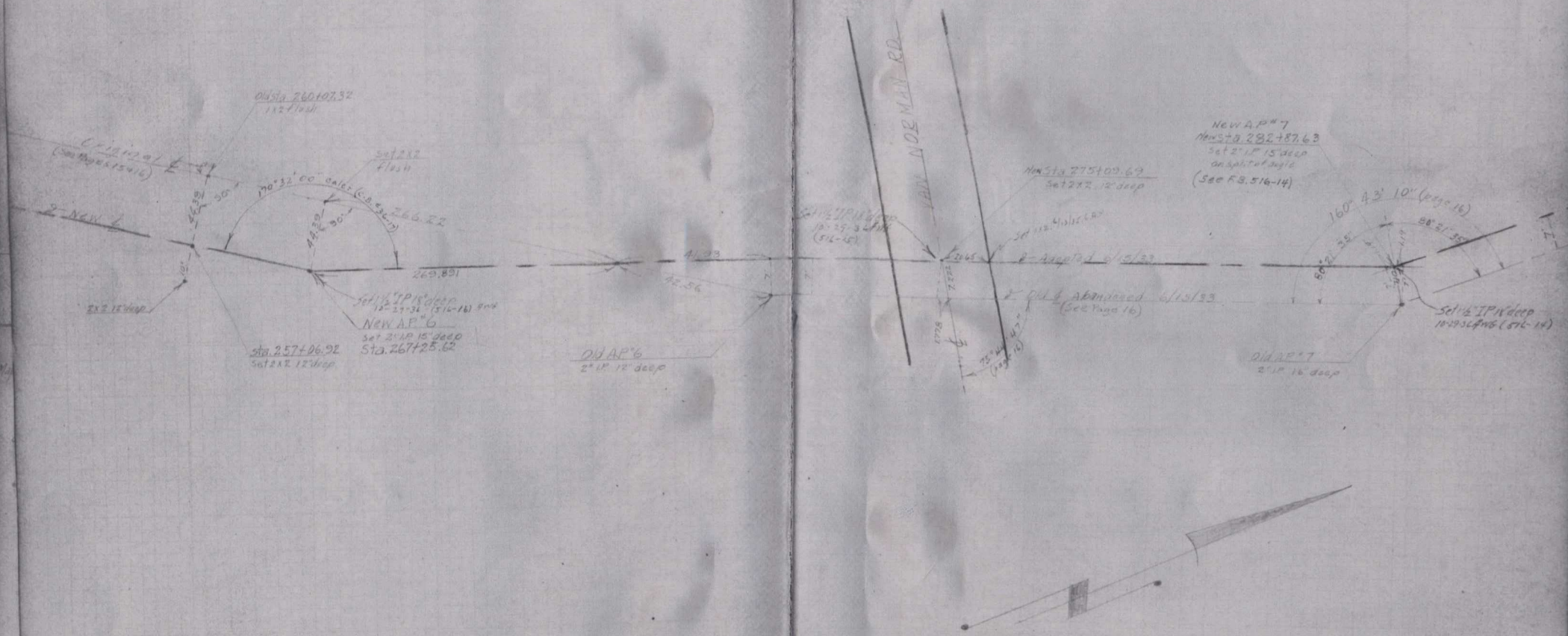
F.B. 997-49

F.B. 997-50

B.P.& L.*F.B.352

7/5/33
Orcutt - K-Rec.
Lundgren - Ch.
Barlow - Ch.

See Calc. Book #36-14,17.



F.B. 997-51

F.B. 997-52

B.P.& L.*F.B.352

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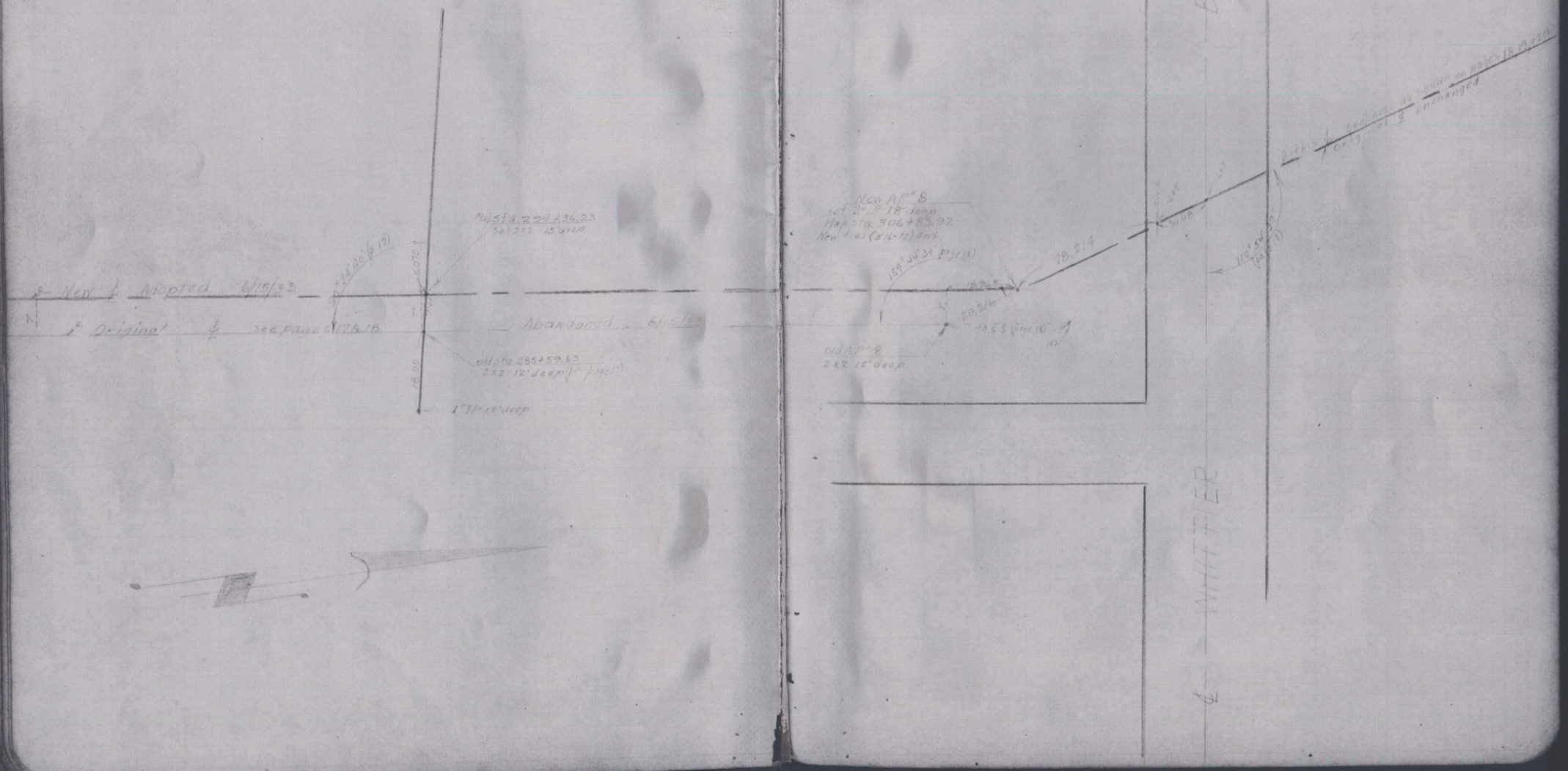
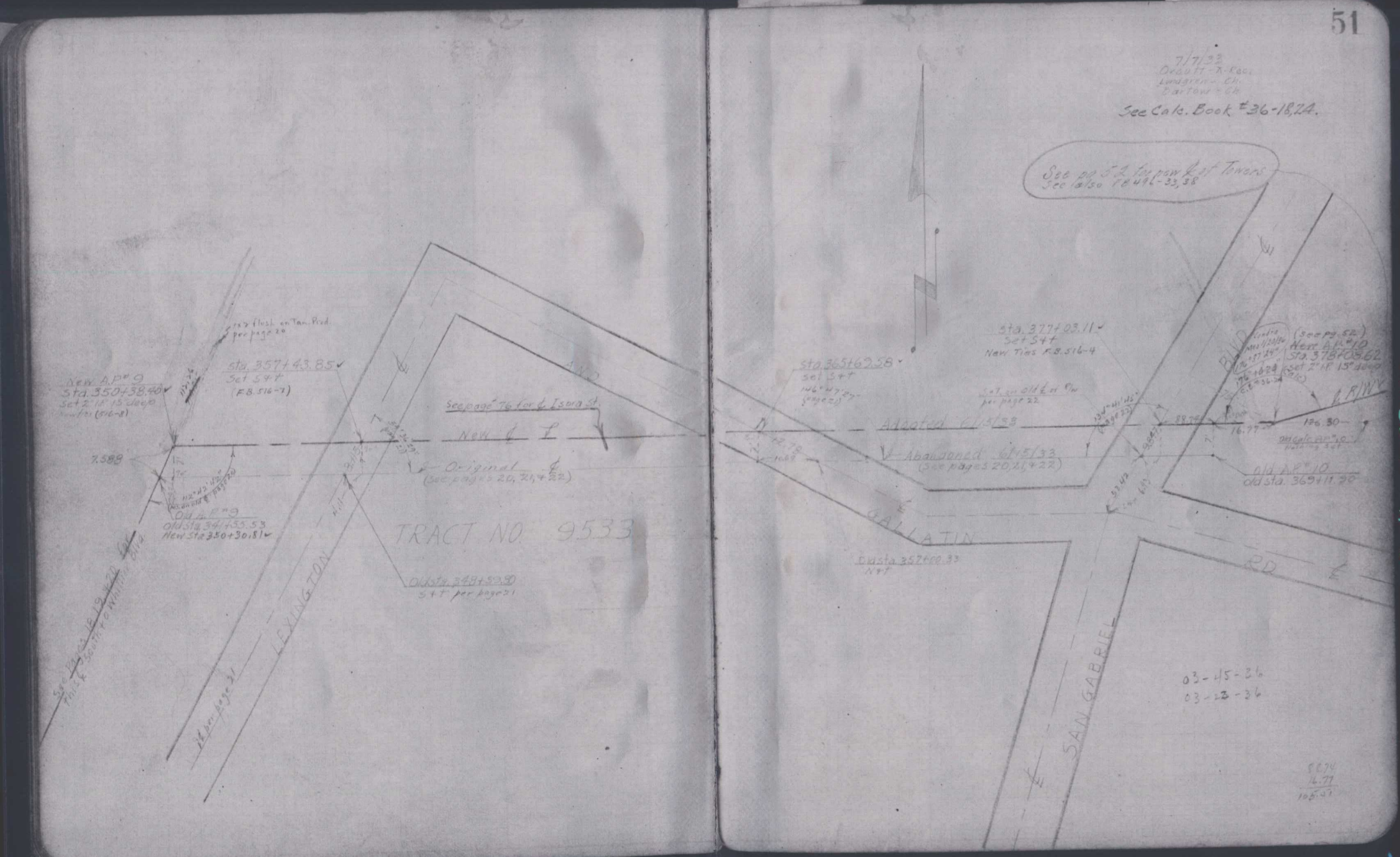


B.P.& L.*F.B.352


7/7/33
Orcutt-N.Rec.
Lundgren-Ch.
Bartow-Ch.
See Calc. Book #36-18,24.
See pg 52 for row & at Towers
See also FB 996-33,38
Sta. 377+03.11
Set S+T
New Ties F.B. 516-4
Sta. 365+62.58
Set S+T
146°W 7.27
(2 pages)
Set on old ℄ as Ow
per page 22
Adopted ℄ 1/5/33
Abandoned ℄ 1/5/33
(See pages 20, 21, + 22)
(See pg. 52)
New A.P.# 10
Sta. 378+05.62
Set 2" I.P. 15" deep
Old A.P.# 10
old sta. 369+11.20
GALLATIN
RD
Old sta. 352+00.33
N+T
SAN GABRIEL
03-45-36
03-23-36
5824
14.77
105.47
See pg 52 for row & at Towers
New A.P.# 9
Sta. 350+38.40
Set 2" I.P. 15" deep
Sta. 357+43.85
Set S+T
(F.B. 516-7)
5x2 flush on Tan. Prod.
per page 20
Old A.P.# 9
Old sta. 341+55.53
New Sta 330+30.81
7.588
See page 76 for ℄ Isora St.
New ℄ L
Original ℄
(See pages 20, 21, + 22)
TRACT NO. 9533
Old sta. 348+53.30
S+T per page 21
LEXINGTON
See page 31
5x2 flush on Tan. Prod.
Thick & Southern Pacific Co. Witness Stake
Continued F.B. 997-40

Checked line and distances from
Tow No. 38 to Lt T at & Victoria St, Pg 66
Reset 2X2's as shown
Condra
Gibbs
Mansfield
Orcutt

October 1, 1943

April 20, 1951
W. C. Mason
S. J. Orcutt
J. H. Oliver

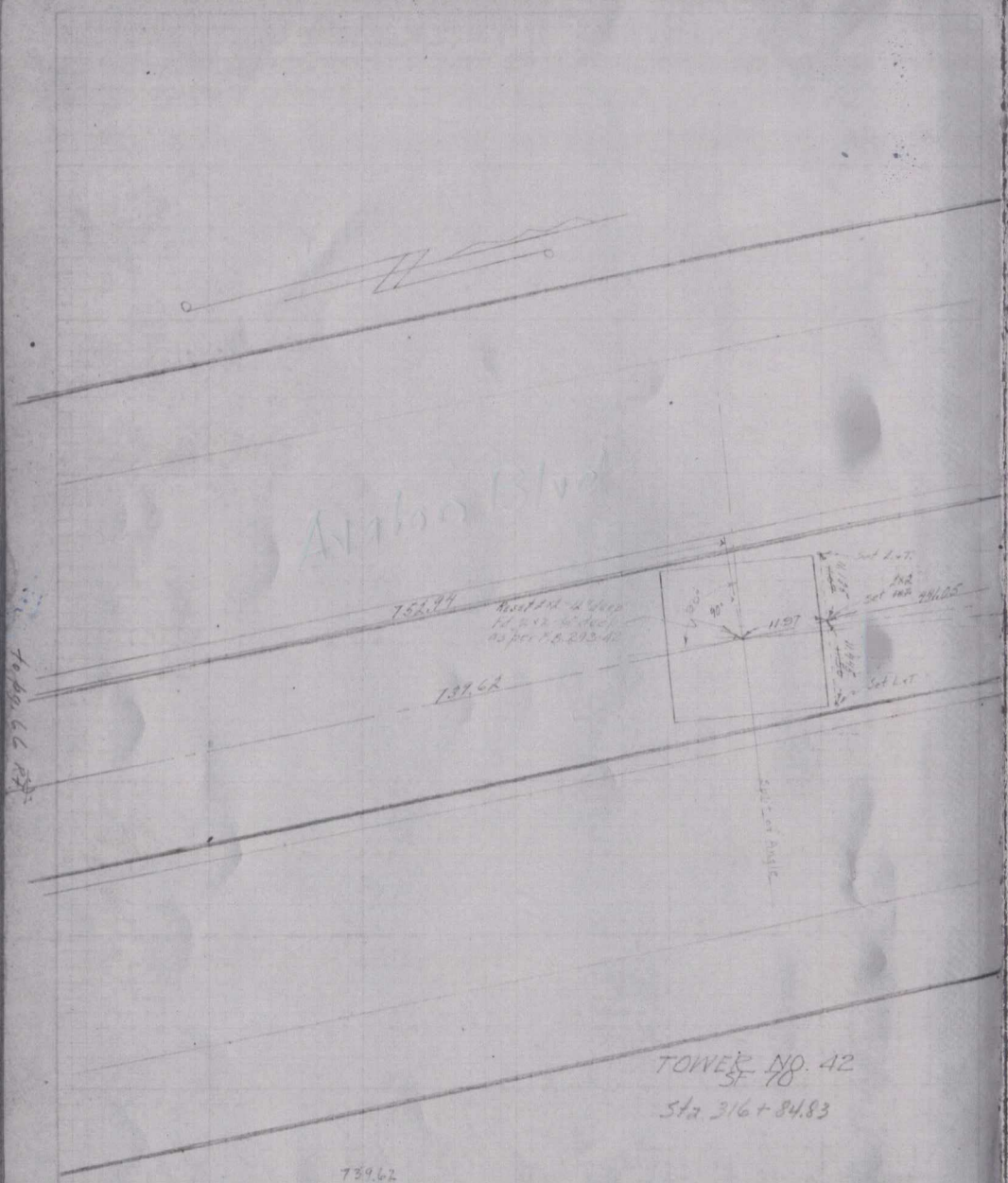
Tower No. 38 moved to east 0.35 ft. on split of angle to avoid gas and oil pipe lines.

Cont. in F.B. 1301 Pg. 126

F.B. 997-57

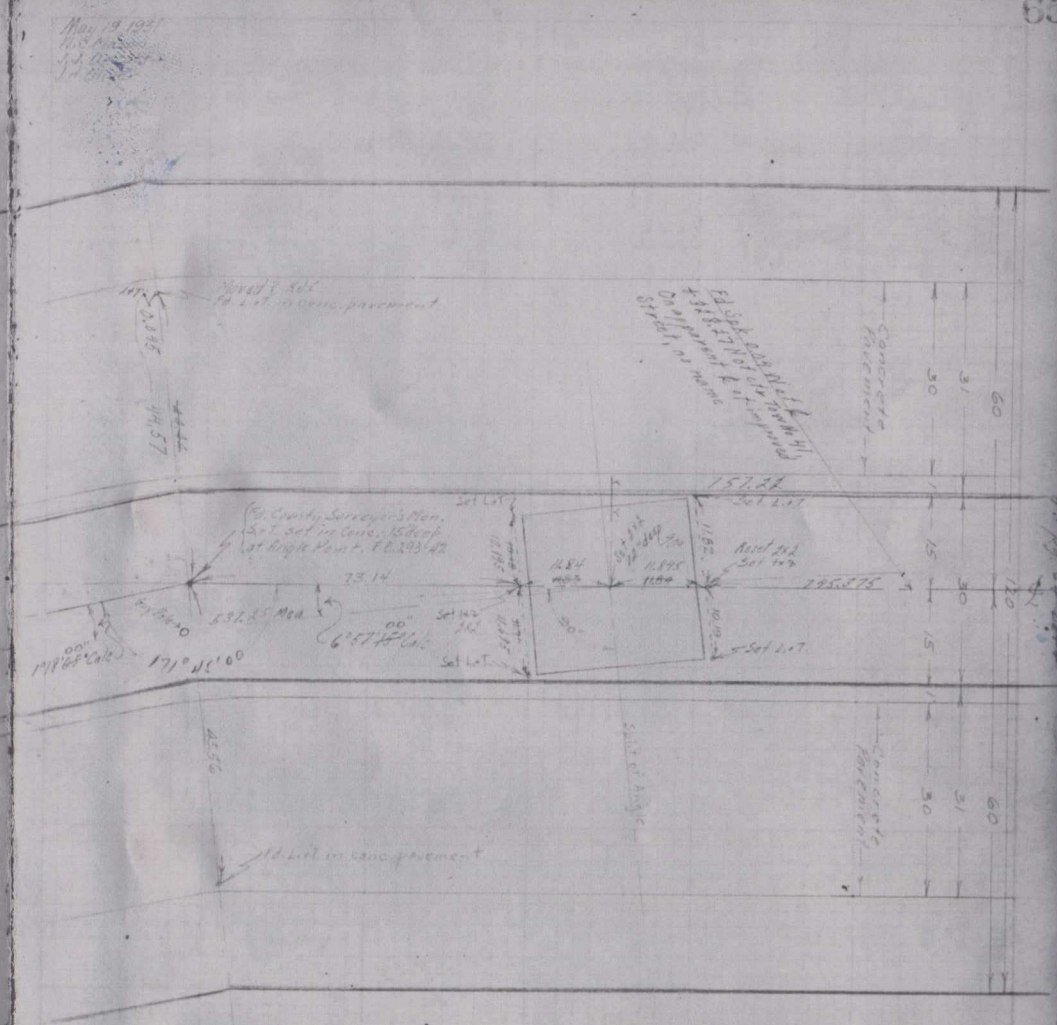
F.B. 997-58

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



TOWER NO. 42
SF 70
Sta. 316 + 84.83

739.62
13.32
752.94



TOWER NO. 41
SPECIAL AF-12-80
Sta. 311 + 46.87

P.I. ℄ Avalon Sta. 312 + 31.87

℄ means 171-44-40" RJC 10/1/43
Use 171-45-00

℄ Towers between #41 & #42 not on ℄ R/W.

745.375
11.845
757.22 (757.46)

F.B. 997-59

F.B. 997-60

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

66

May 19, 1931
H.C. Plumb
L.J. Crosett
J.H. Oliver

1. Tower #44 moved 5 ft. to west to avoid gas and oil pipe lines.
2. Center line of interior moved South 0.11 ft. at intersection of Avalon Blvd. center line.

VICTORIA STREET

Old Center Line

Center of Pavement

E. West Property Line

E. East Property Line

E. West 40.00

Set 1 L.T. in conc. base at tower

Set 1 NT

Set L.T. in Conc Curb

Set L.T. in conc base at tower

center of tower

Fd. 2" I.P. 4 ft deep as per R.B. 293-42

59.185

Right of R inter and Fd. L.T.S in Conc. Pavement as set by County Surveyor Sometimes in R.B. 293-42

179° 59' 40"

Right of Way Line

Avalon Blvd

752.84

S.P. Cor.

Fd. 2" I.P. 4 deep as per R.B. 293-42 at tower center

1332

Set L.T.

1596.2

Set L.T.

Right of Way Line

Avalon Blvd

TOWER NO. 44
SF 80
Sta. 331+62.75

59.185
7.405
13.33
79.91

TOWER NO. 43
SF 80
Sta. 324+37.79

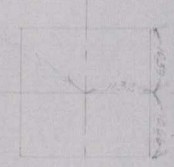
585.22
79.91
665.13 (664.96)

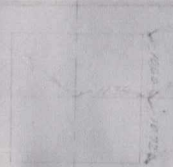
F.B. 997-61

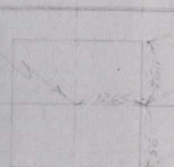
F.B. 997-62

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

67







TOWER NO 47

TOWER NO 46

TOWER NO 45

F.B. 997-63

F.B. 997-64

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

F.B. 997-65

F.B. 997-66

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

May 4, 1931
W.C. Mason
I.F. Lundgren

West Property Line of

Concrete Pavement

West Right - of -

Fd. 2" I.P. 18" deep at tower center as per F.B. 213-43

Set L.o.T.

11.31

Set 1x2

10.65

Set L.o.T.

Fd. 2" I.P. 18" deep at tower center as per F.B. 213-43

East Right - of -

Concrete Pavement

East Property Line of

TOWER NO. 52
SF 65

Avalon Blvd.

Way Line

Set L.o.T.

11.375

Set 1x2

10.65

Set L.o.T.

Fd. 2" I.P. 6" deep at tower center as per F.B. 213-43

Set L.o.T.

11.31

Set 1x2

10.65

Set L.o.T.

Way Line

Avalon Blvd.

TOWER NO. 51
SF 65

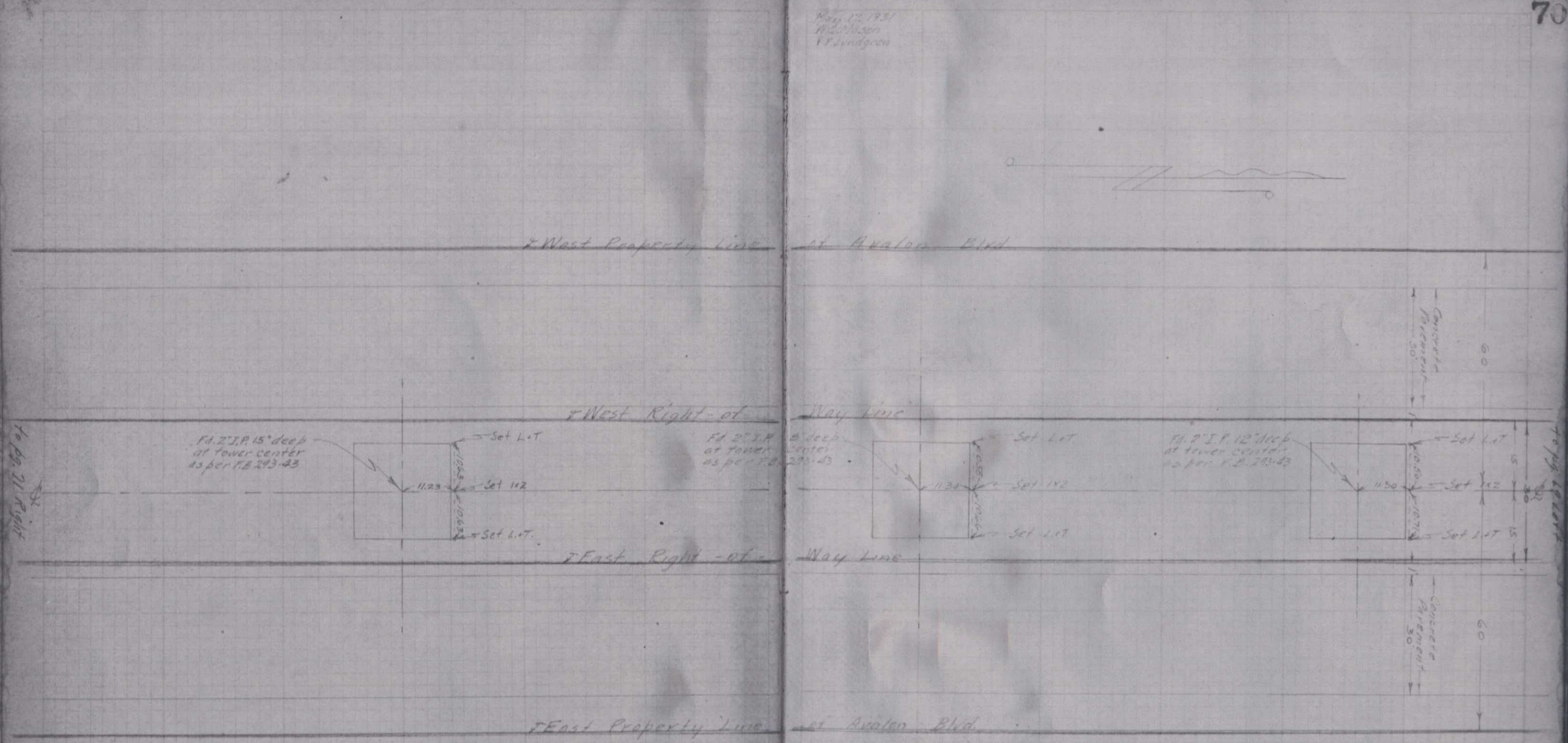
TOWER NO. 50
SF 65

F.B. 997-67

F.B. 997-68

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

May 12 1931
W.C. Mason
F.F. Lundgren



TOWER NO. 55
SF 65

TOWER NO. 54
SF 65

TOWER NO. 53
SF 65

F.B. 997-69

26 C-6

261 L-6

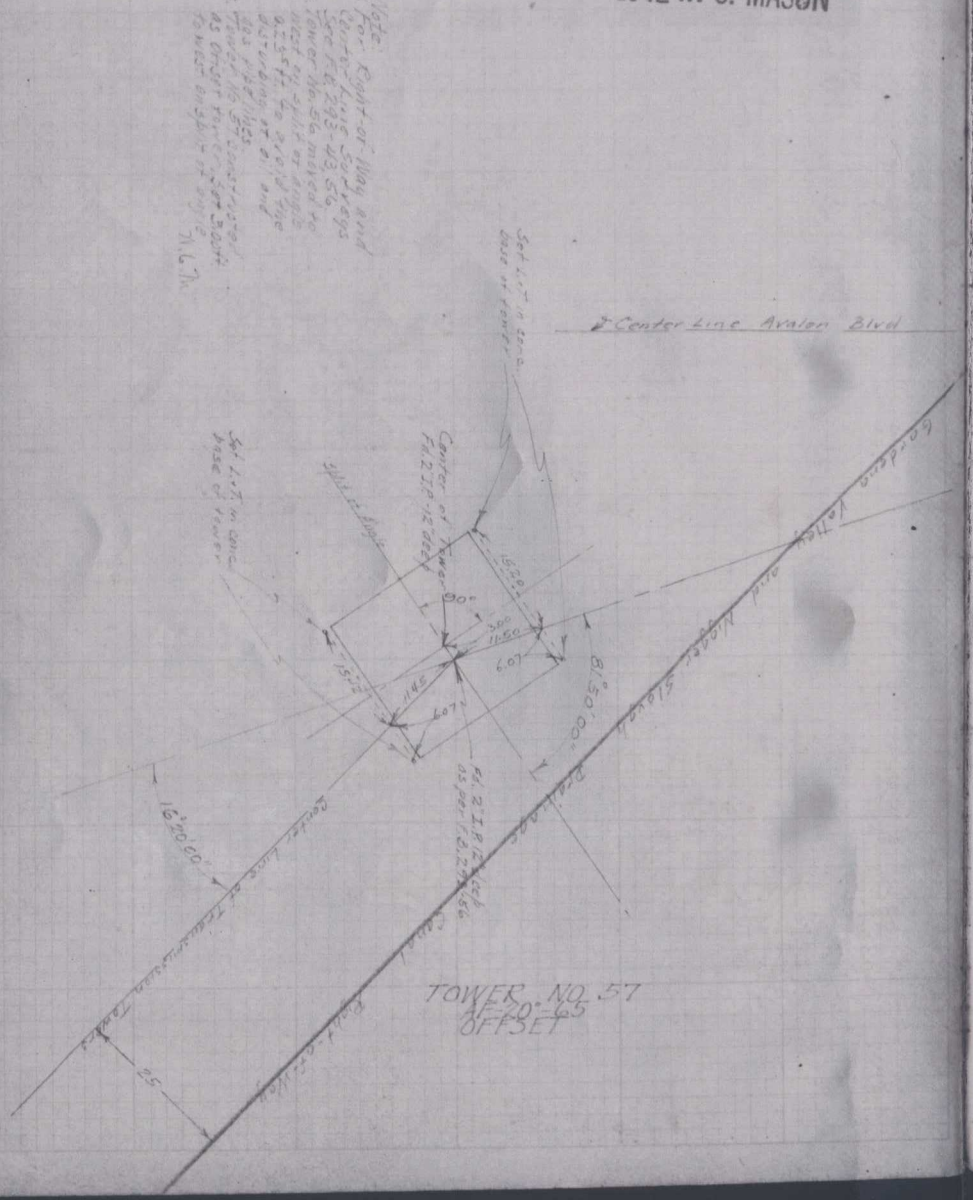
WS 26 C-6

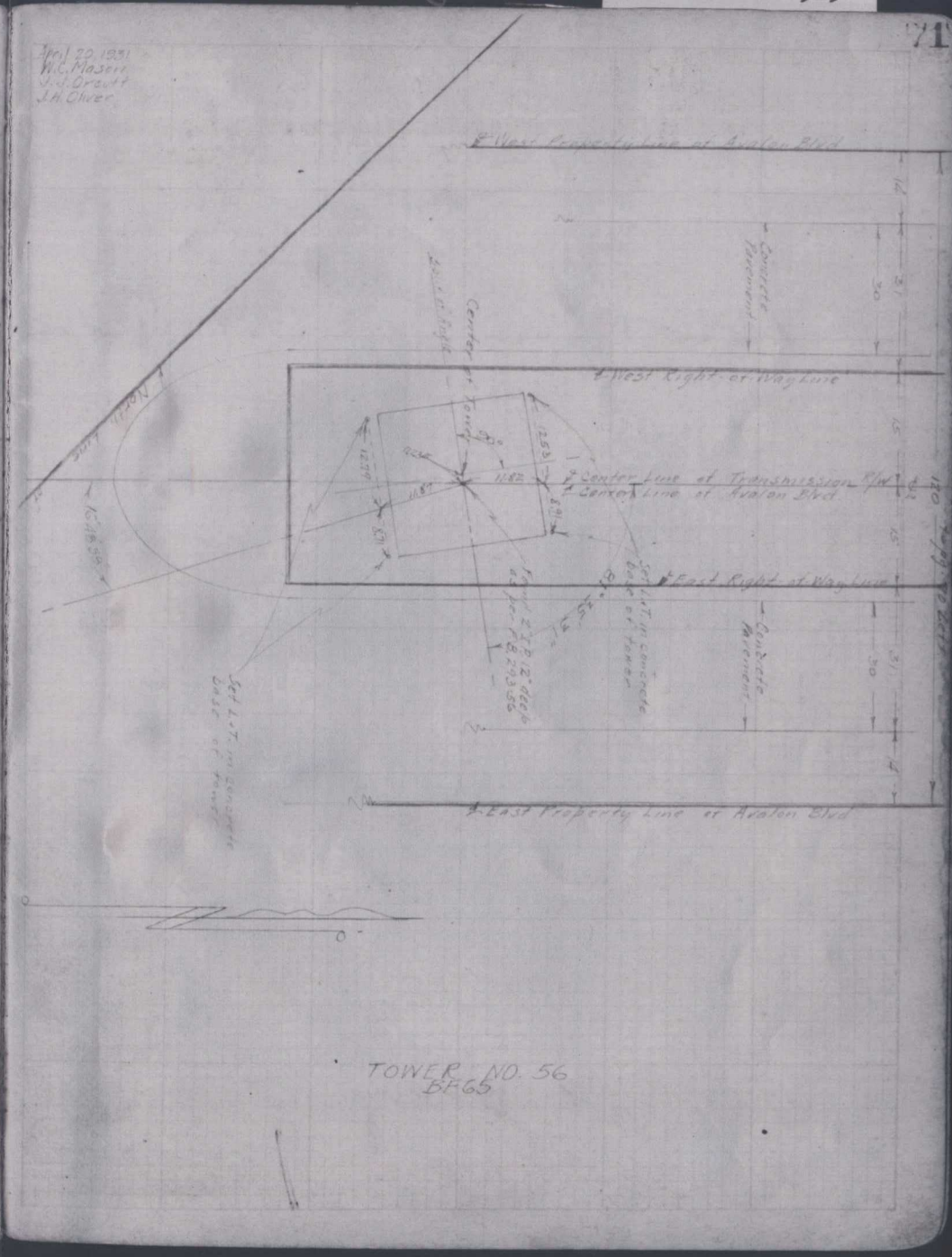
F.B. 997-70

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

71

FOR ADDITIONAL SURVEY NOTES
SEE B.P.L. FIELD BOOK NO. 739-21
FEB 1942 W. C. MASON





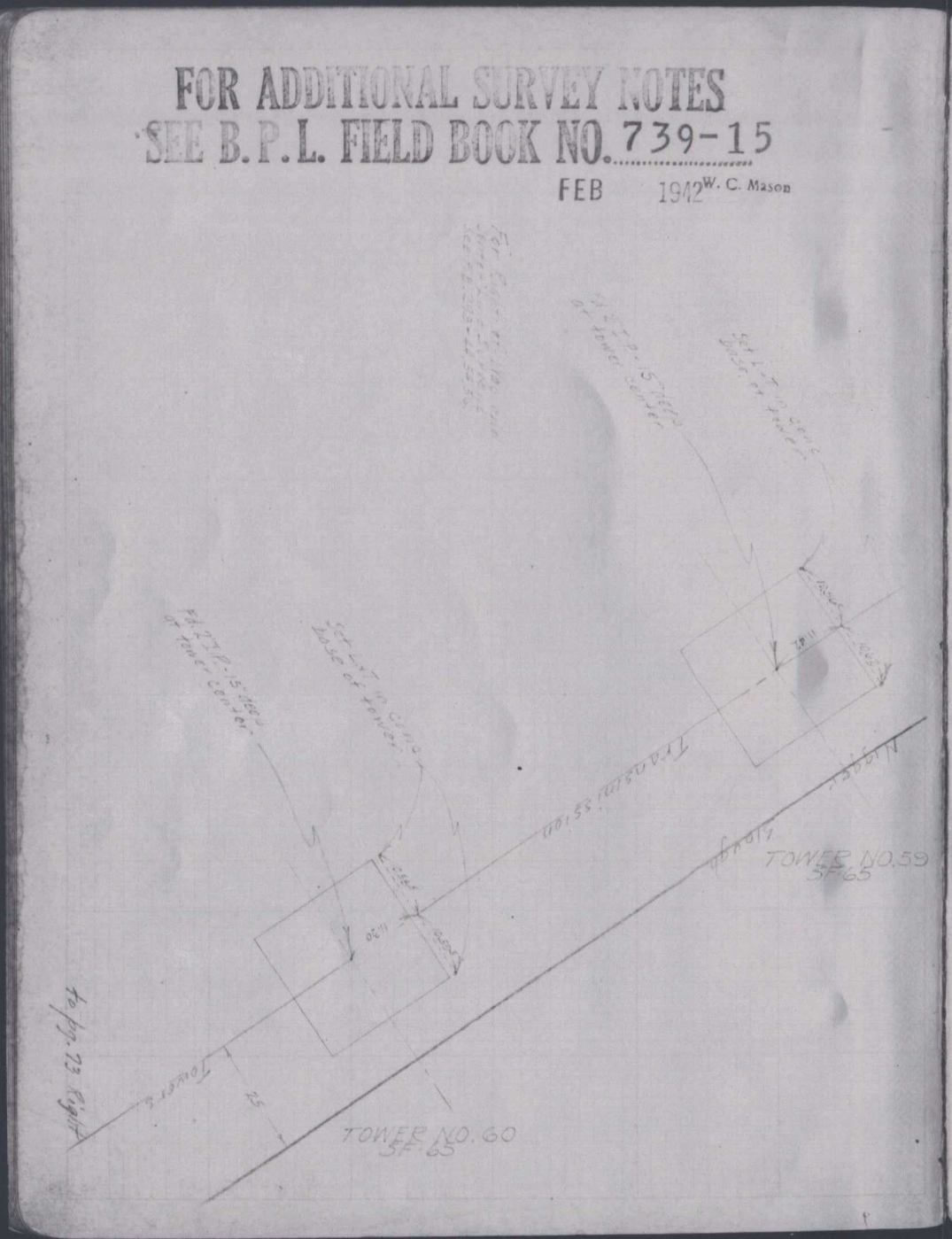
F.B. 997-71

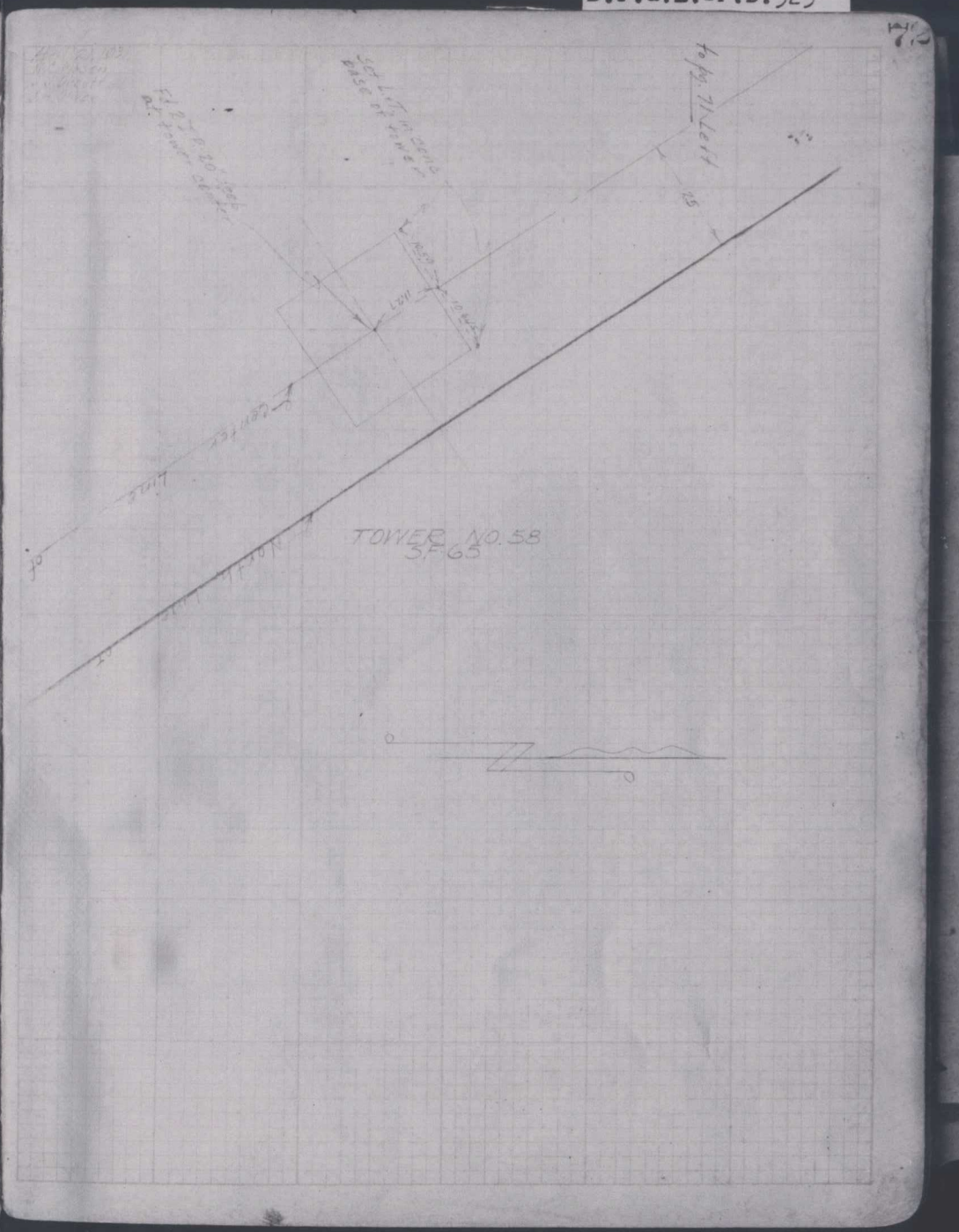
F.B. 997-72

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

FOR ADDITIONAL SURVEY NOTES SEE B.P.L. FIELD BOOK NO. 739-15

FEB 1942 W. C. Mason





F.B. 997-73

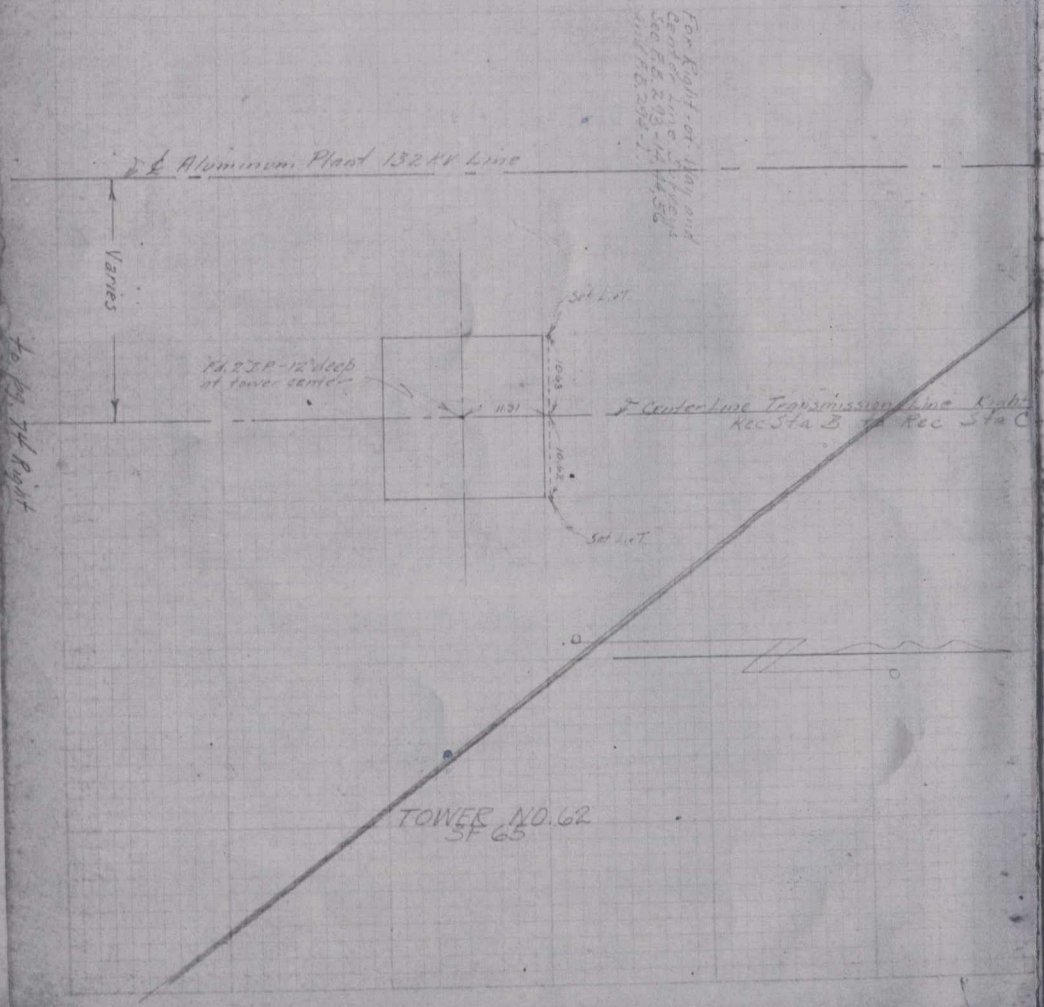
W5.28-C-1

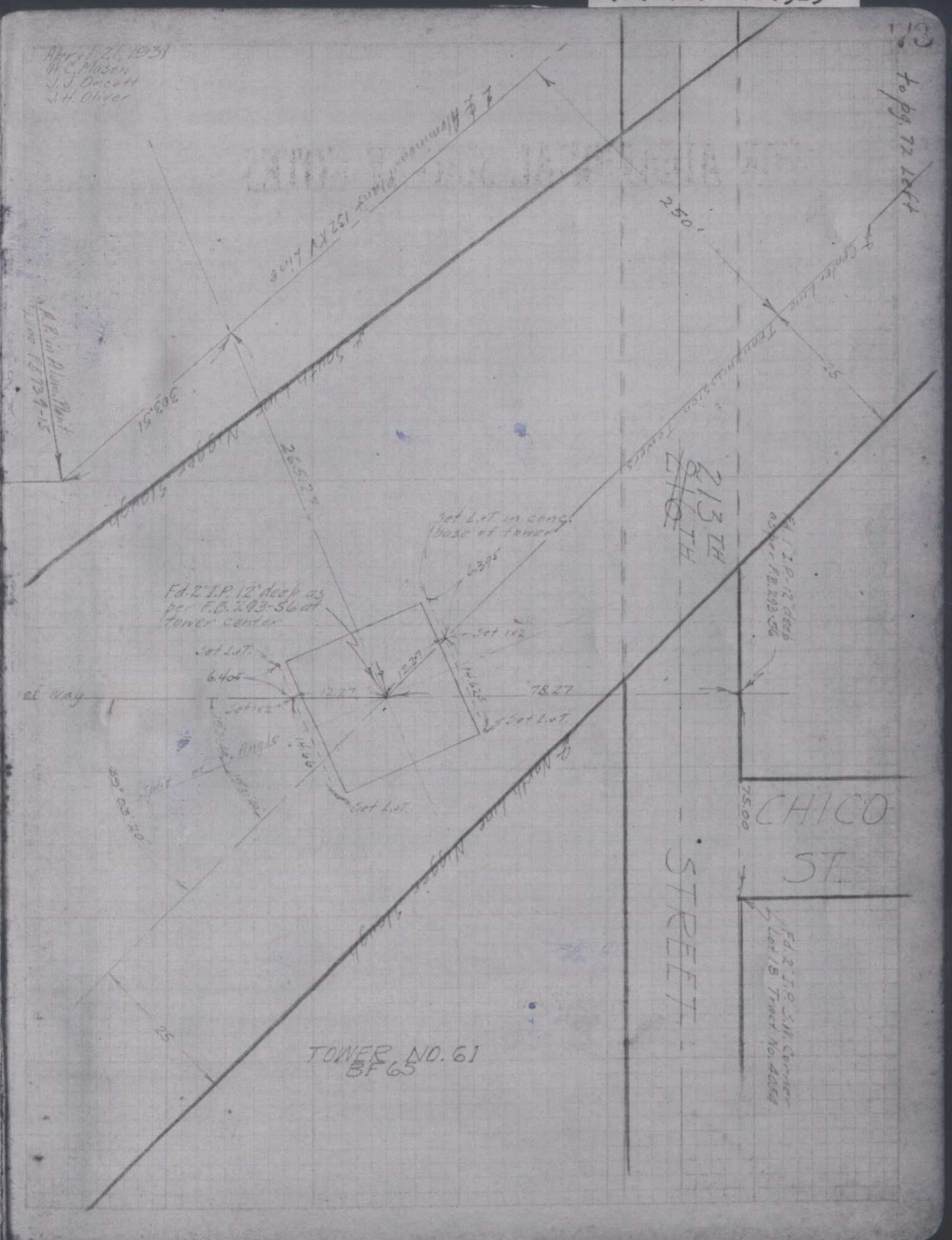
F.B. 997-74

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

FOR ADDITIONAL SURVEY NOTES
SEE B.P.L. FIELD BOOK NO. 739-15

W. C. Mason
FEB 1942





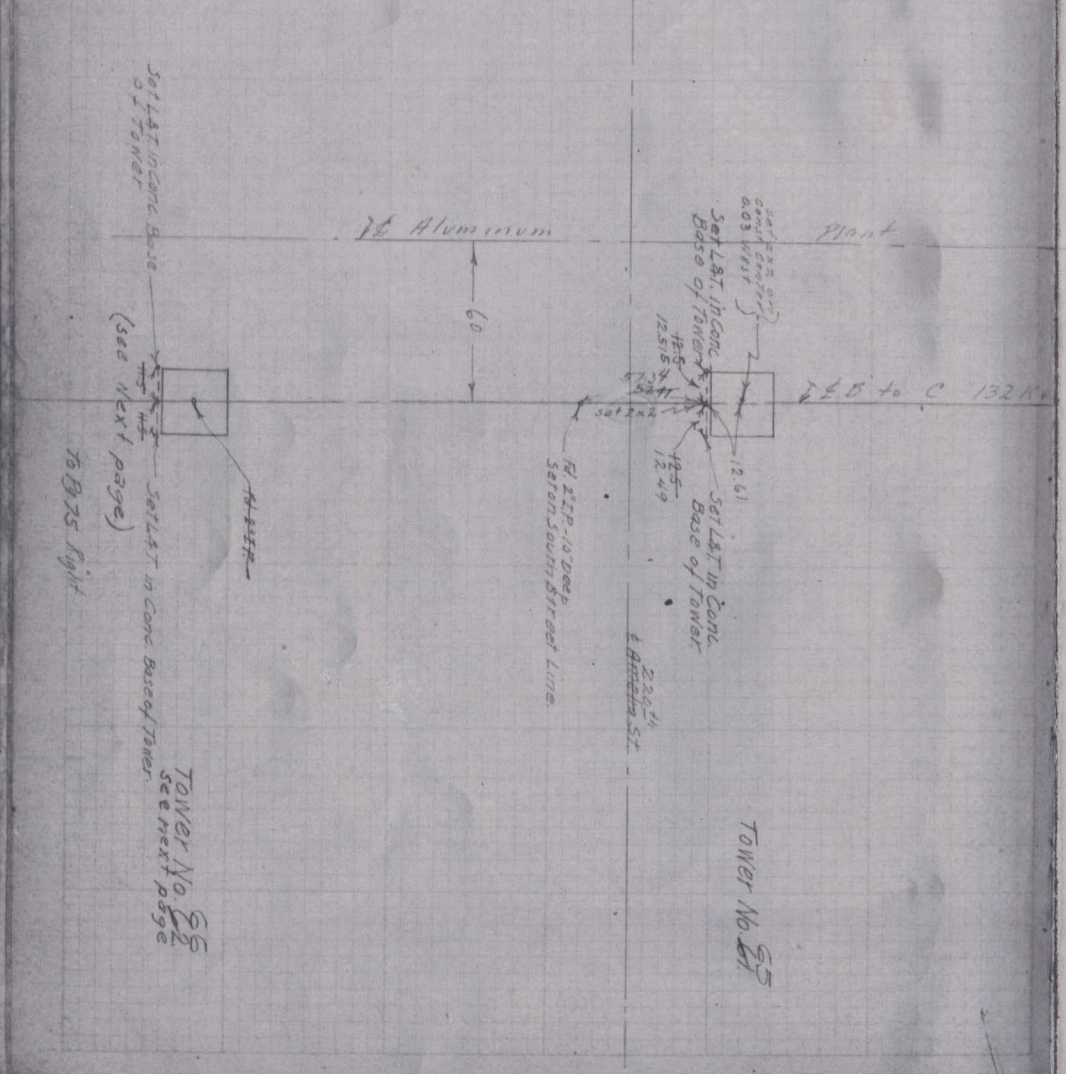
F.B. 997-75

F.B. 997-76

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

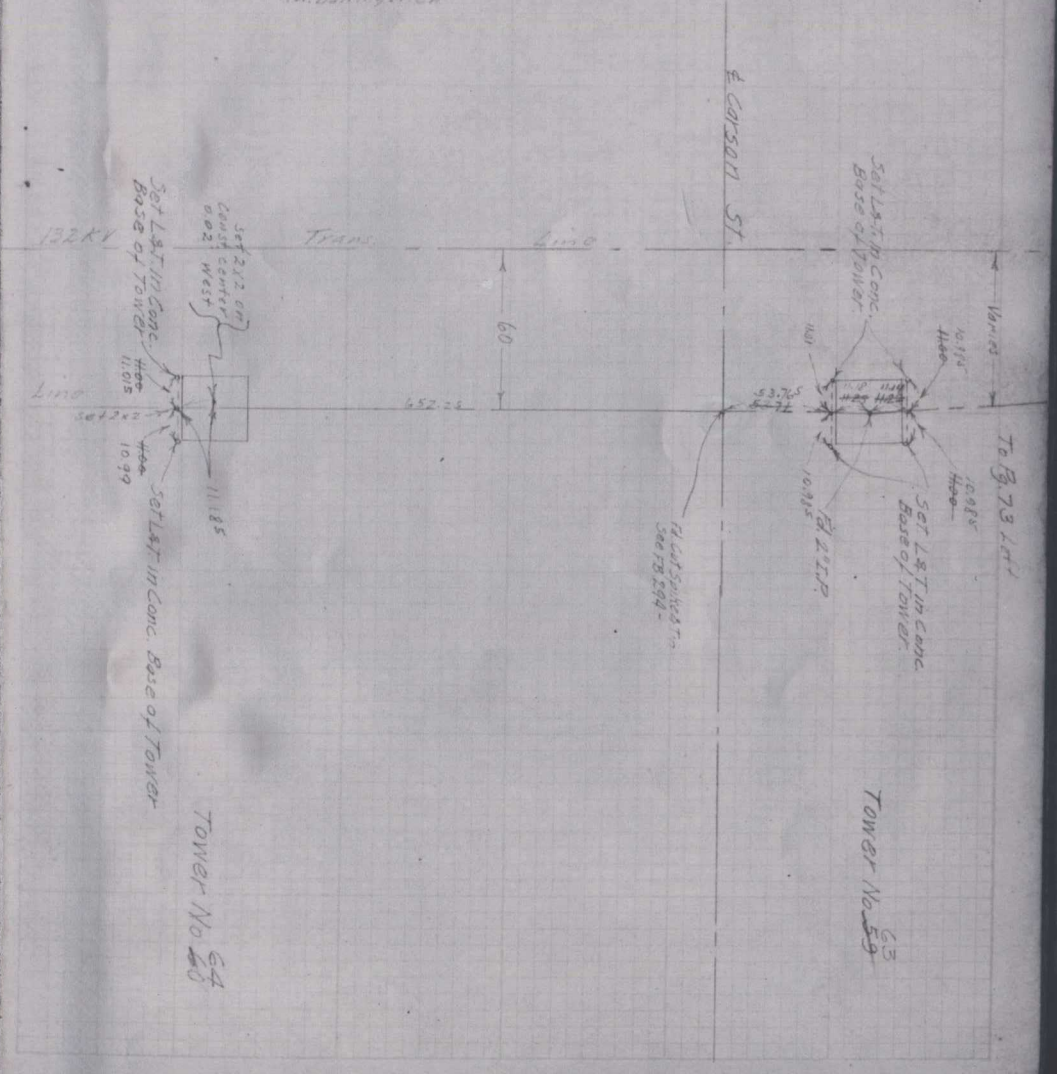
FOR ADDITIONAL SURVEY NOTES
SEE B.P.L. FIELD BOOK NO. 739-13

FEB 1942 W. C. Mason



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

12/24/36 to 1/ /37
Additional notes & files
reconstructed center of
towers #63 to #81
By J.J. Orcutt - Sr.
J.H. Oliver - Jr.
V.F. Lindgren - Ch.
G.W. Bartow - Ch.
F.W. Ballinger - Ch.



F.B. 997-77

F.B. 997-78

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

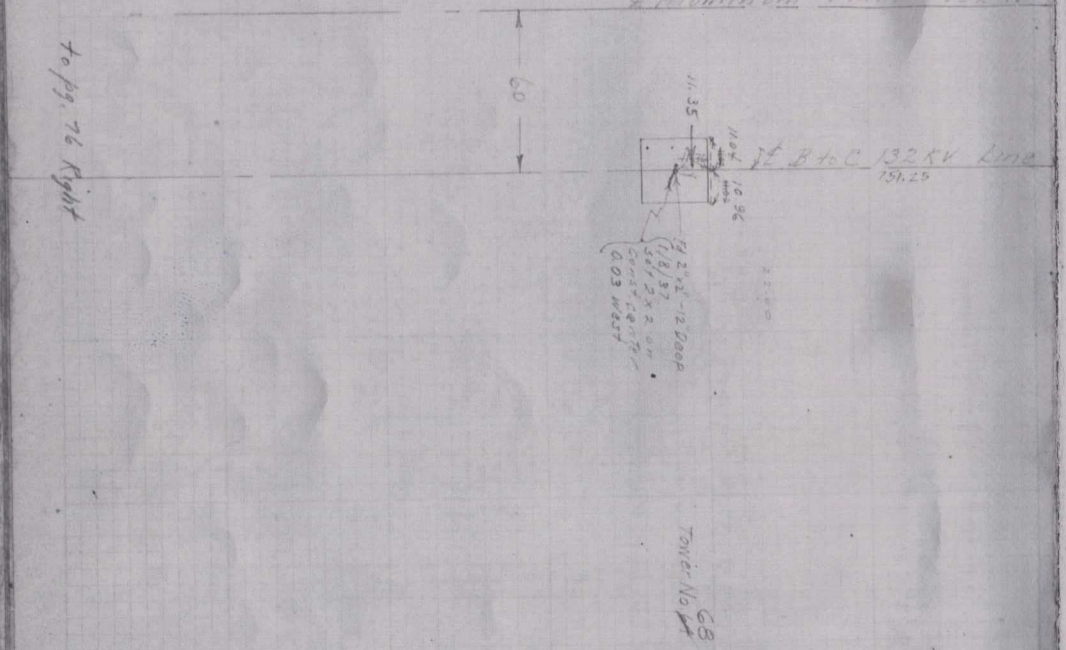
FOR ADDITIONAL SURVEY NOTES
SEE B. P. L. FIELD BOOK NO. 739-12

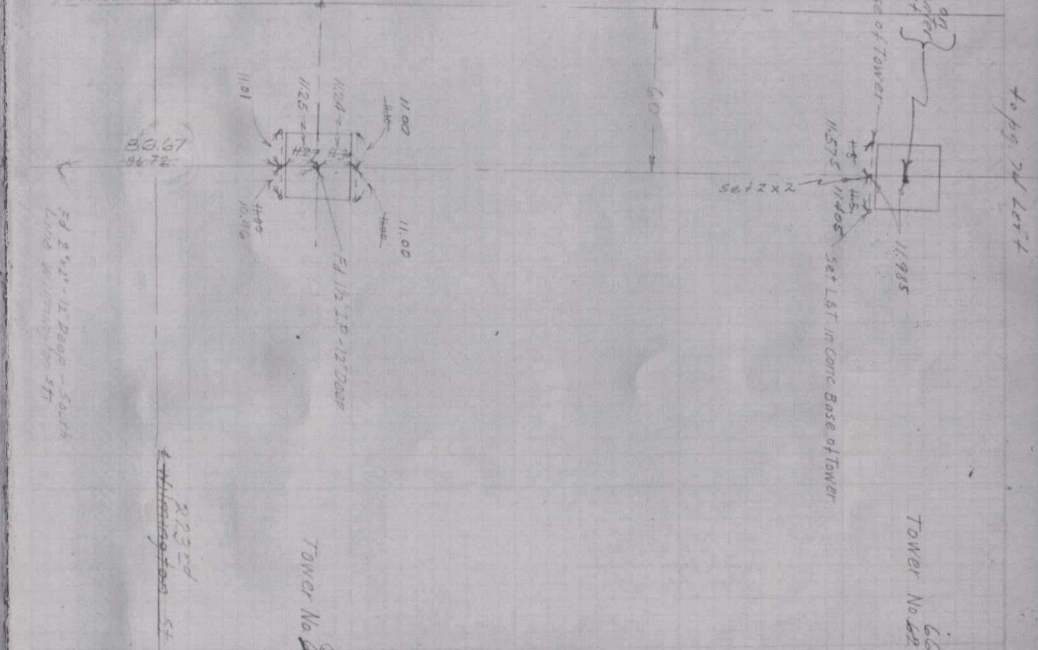
FEB 1942 W. C. Mason

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

April 2, 1929

Additional notes & ties to const. center of towers
J.J.O.





F.B. 997-79

F.B. 997-80

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

FOR ADDITIONAL SURVEY NOTES SEE B.P.L. FIELD BOOK NO. 739-11

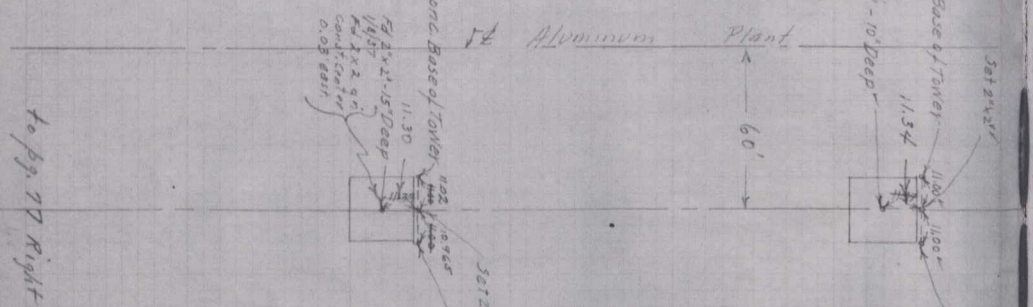
FEB 1942 W. C. Mason

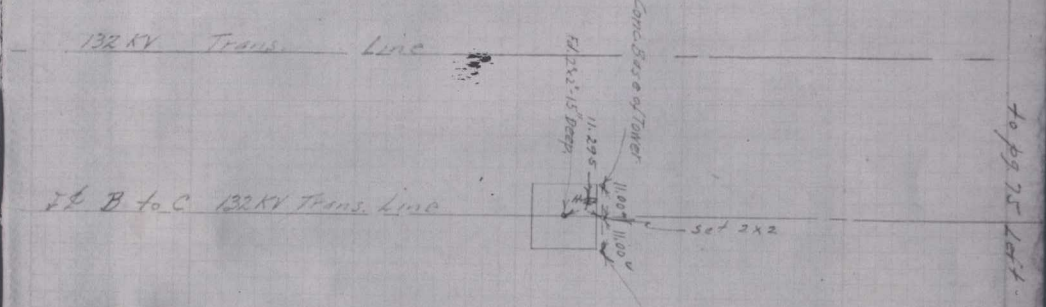
Party L.G. Multhauf
O.B. Field
G.W. Bartow
F.W. Ballinger

March 14, 1923

Additional notes & ties to const center of towers

J.J.O.





F.B. 997-81

F.B. 997-82

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

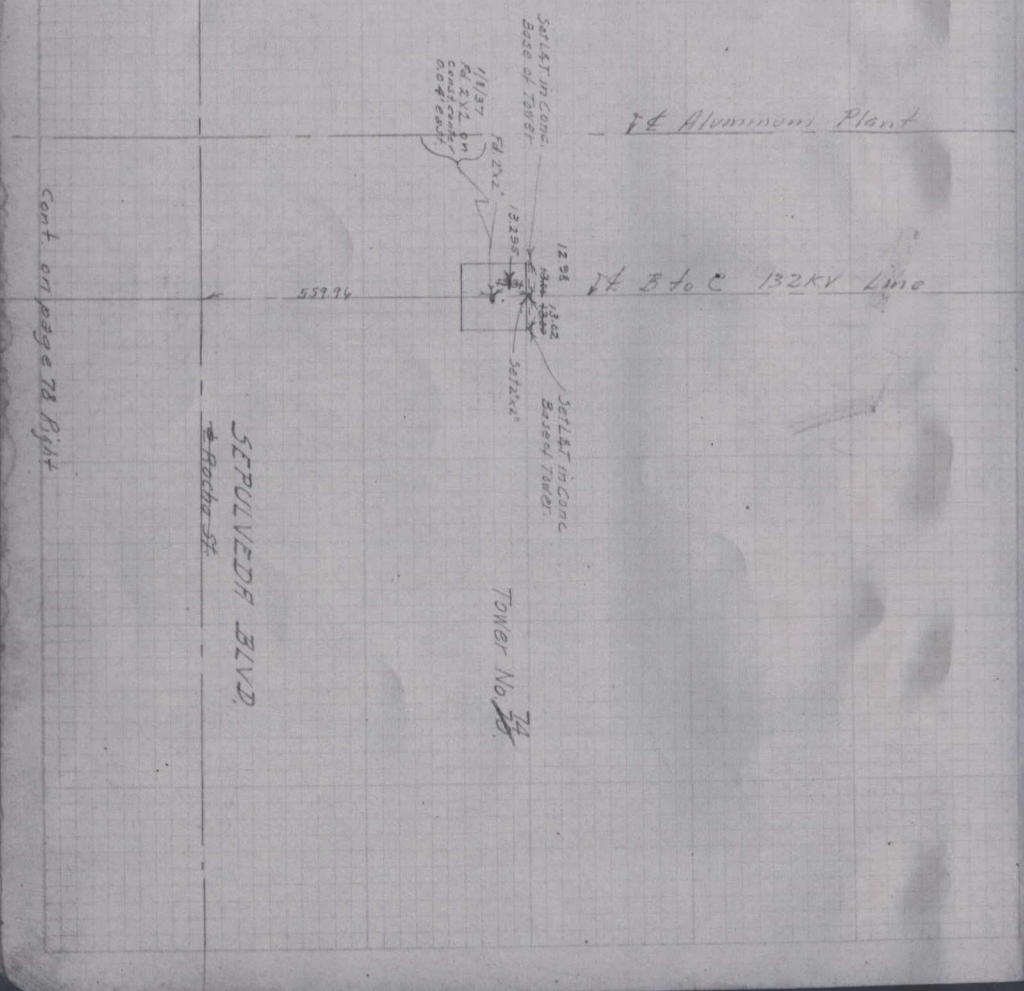
FOR ADDITIONAL SURVEY NOTES
SEE B.P.L. FIELD BOOK NO. 739-10

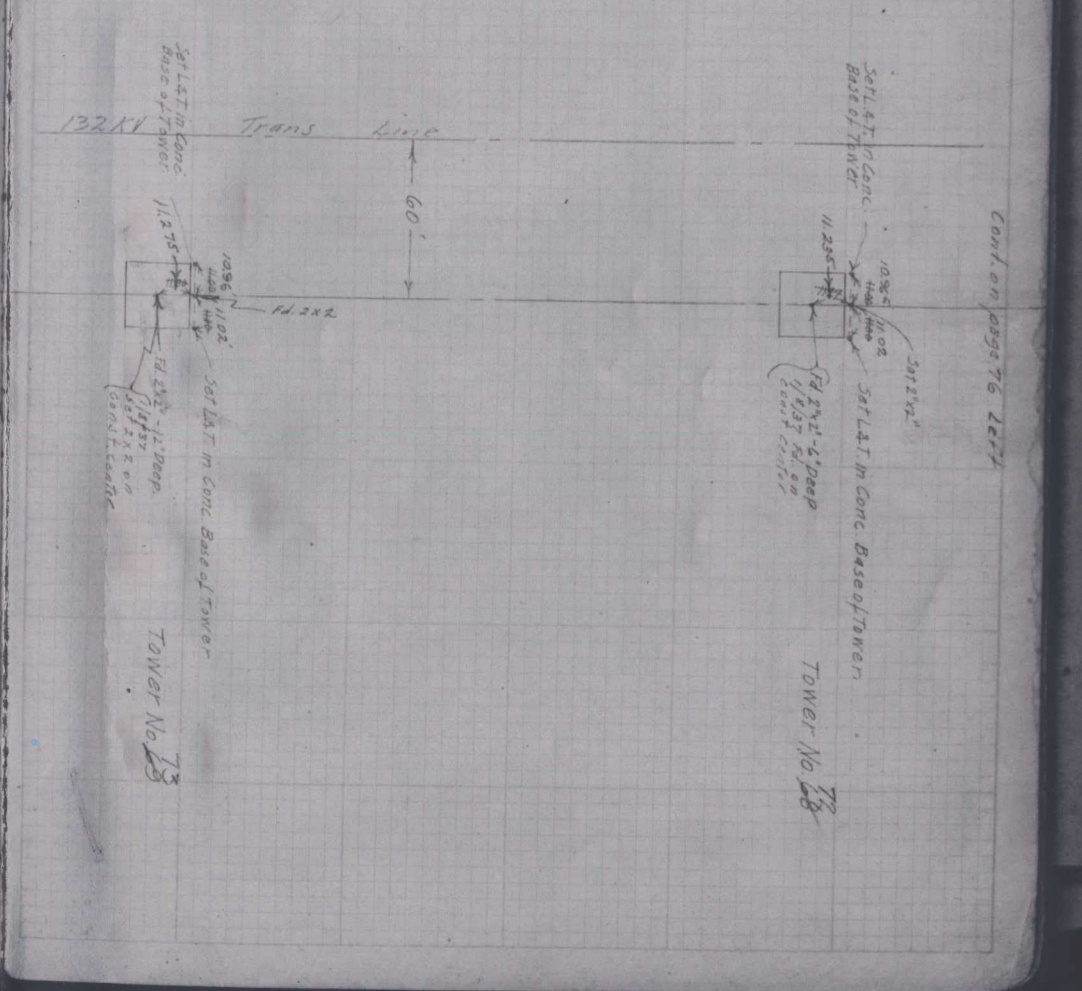
FEB 1942 W. C. Mason

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

March, 1923.

Jan. 8, 1937
Additional notes & ties
To Const. center of
Towers
J.J.O





FOR ADDITIONAL SURVEY NOTES
SEE B.P.L. FIELD BOOK NO. 739-7
FEB 1942 W. C. Mason

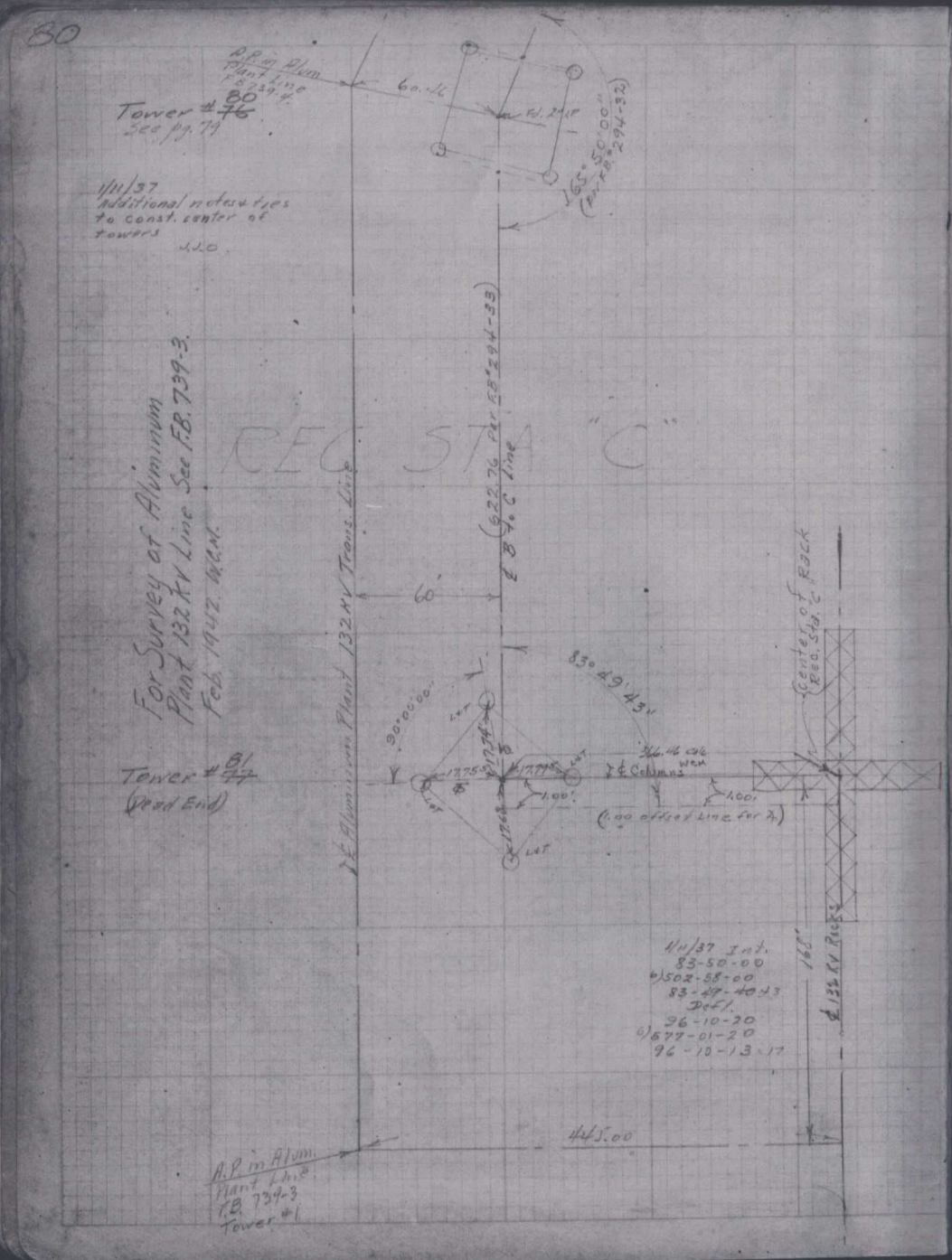
1/4/37 Additional notes & ties to constructed center of towers by J.J. Orcutt & party

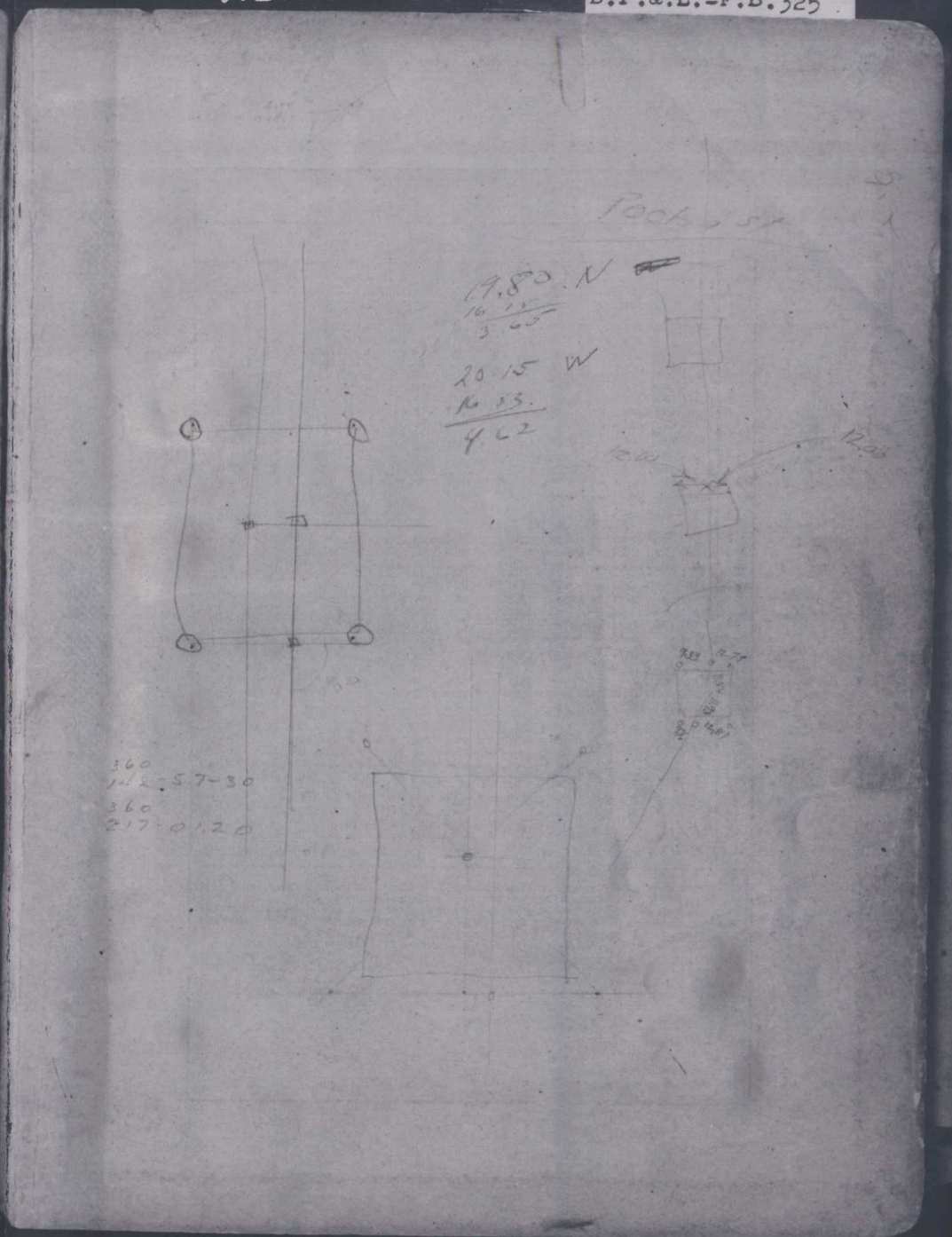
FOR ADDITIONAL SURVEY NOTES
SEE B.P.L. FIELD BOOK NO. 739-4.
FEB 1942 W. C. Mason

F.B. 997-87

W.S. 28-C-3

80



F.B. 997-88

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