-23-

CITY-HEIGHTS &c

South of El Cajon to Univ.

POSTS

LEVEL BOOK

No. 380

TIE POINT

BOOK

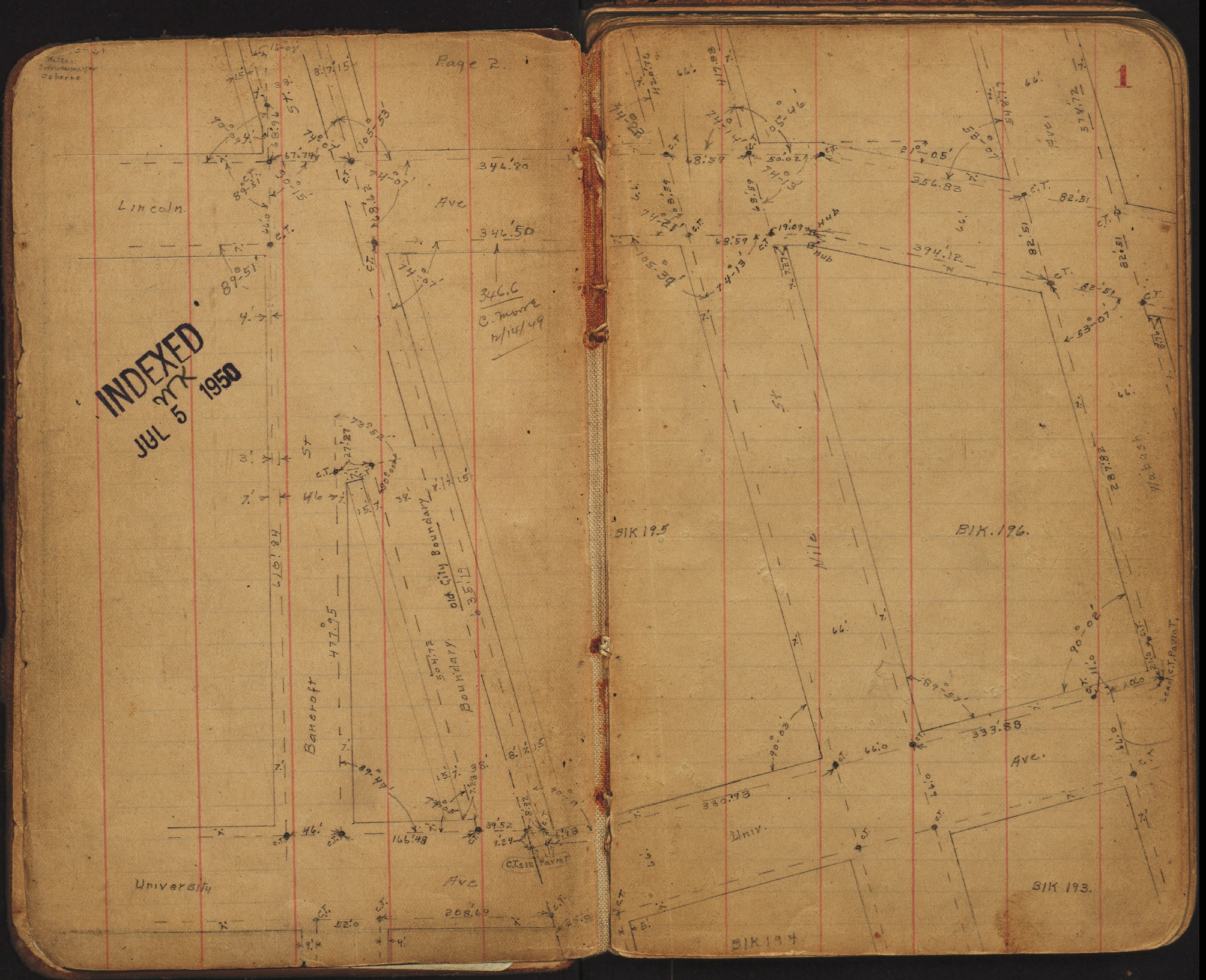
T. P. 23

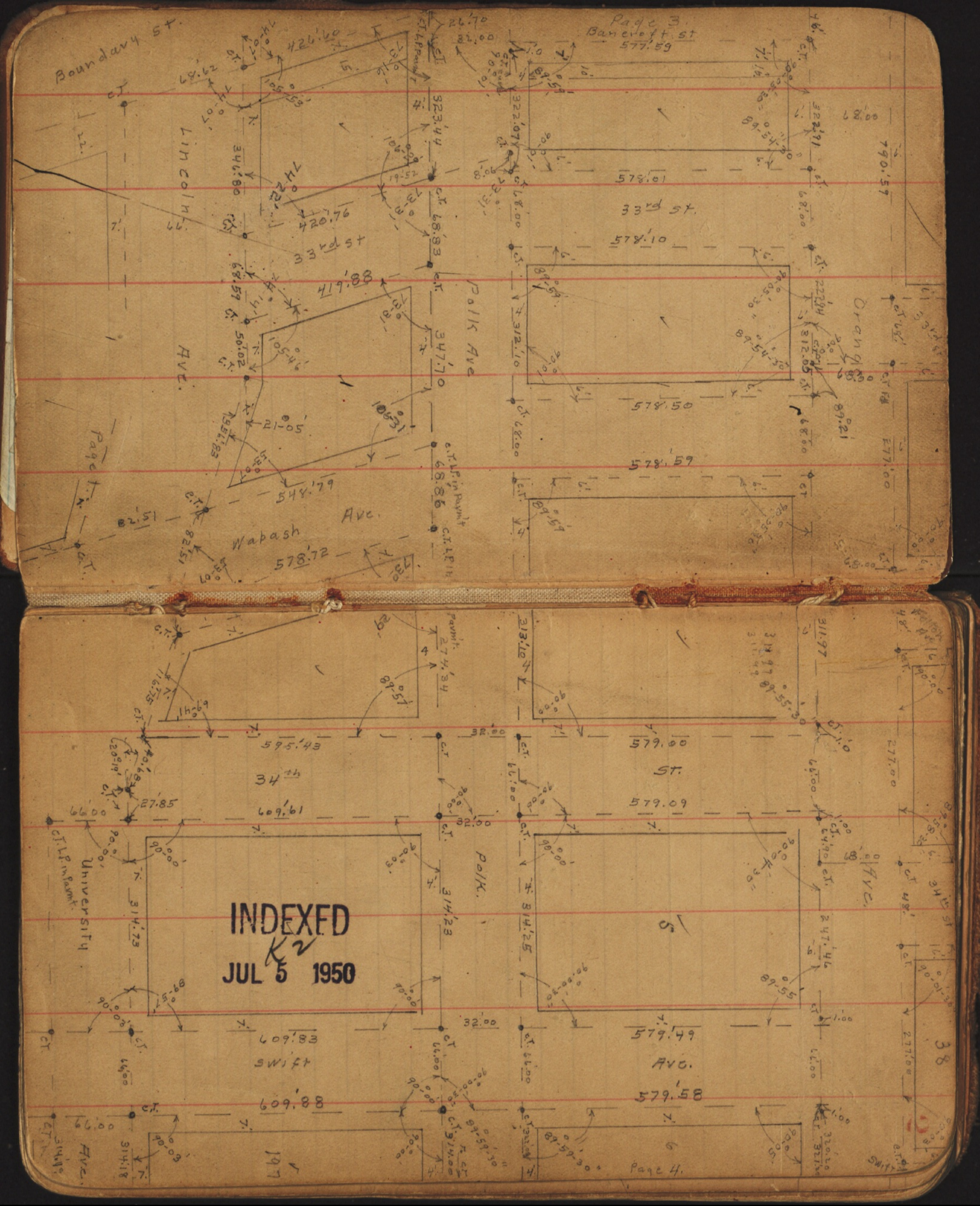
El Cajon to Universi

#1 - INDEX - T. P. 23.

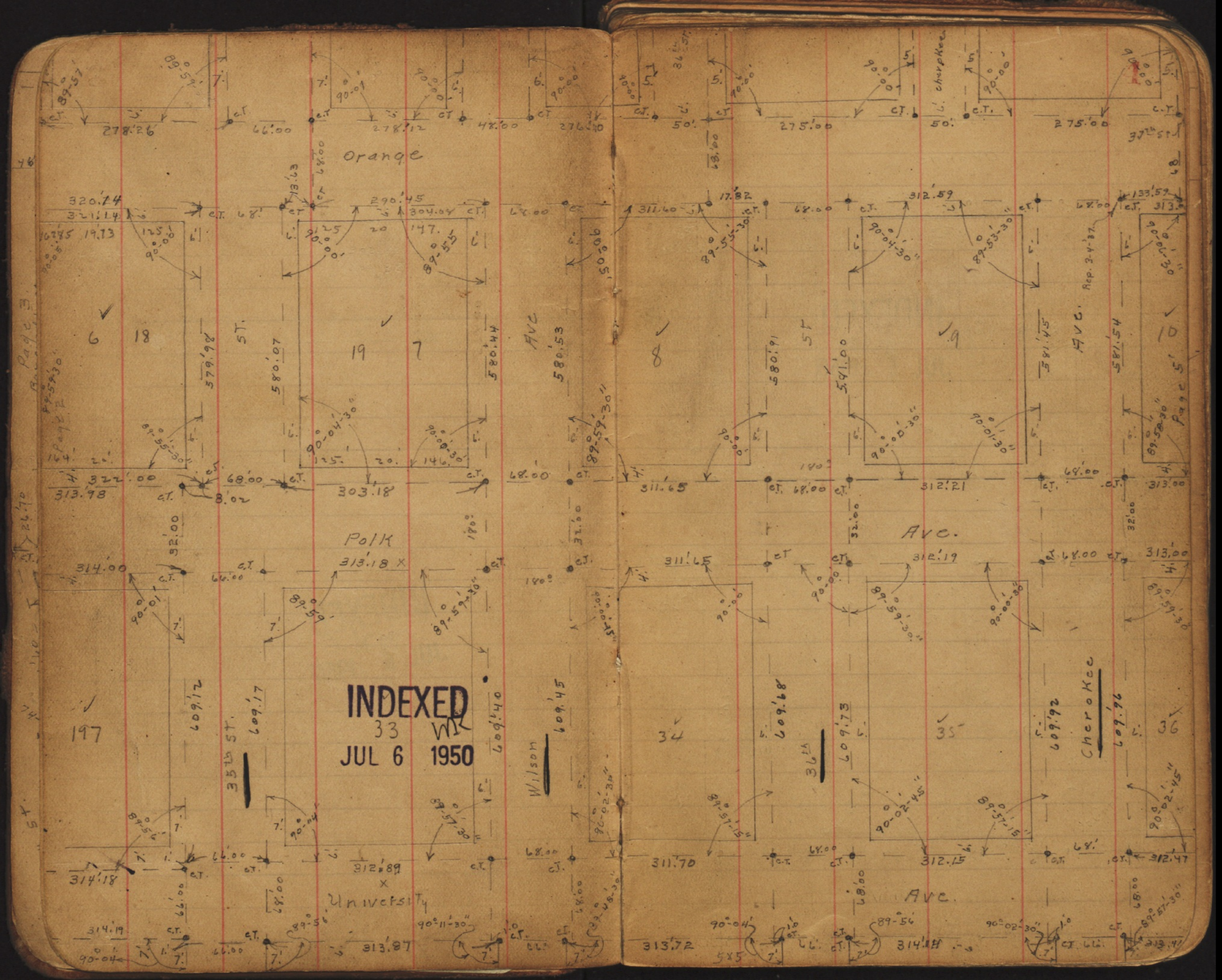
LINCOLN AVE.	1-2
UNIVERSITY AVE.	1-2, 4-9
BANCROFT ST.	1-3, 11
BOUNDARY ST.	1-3, 11
NILE ST.	1
WABASH AVE.	1-2
ORANGE AVE.	2-18
POLK AVE.	2, 4-9
33 ST.	2-3, 12
34 ST.	2, 13
SWIFT AVE.	2, 13
BRAMSON PL.	3, 11-12
35 ST.	4, 13
WILSON AVE.	4, 13
36 ST.	4, 13
CHEROKEE AVE.	4, 13
37 ST.	5, 13
38 ST.	5
39 ST.	5, 14
40 ST.	5, 14
CENTRAL AVE.	6, 14
41 ST.	6, 14
MARLBOROUGH	6, 14
42 ST.	6, 14
VAN DYKE AVE.	7, 15
43 ST.	7, 15
FAIRMONT AVE.	7, 15
44 ST.	7, 15
HIGHLAND AVE.	8, 15
45 ST.	8, 15
CHAMOUNE AVE.	8, 15-16

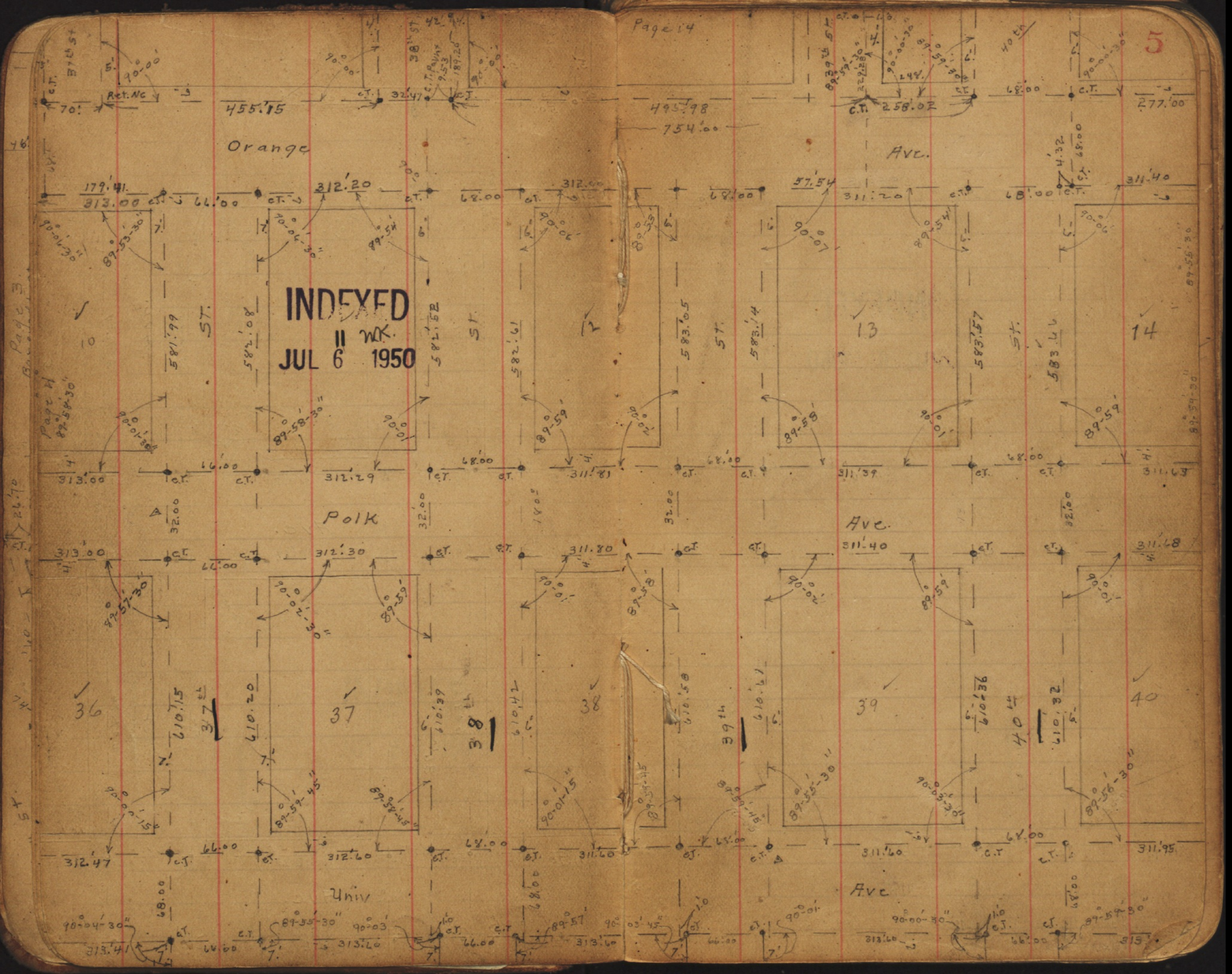
Description	Pages
Golf	23.
College Way	29, 29, 30, 31
Meade Ave	25
53rd	25
Orange Ave.	26, 27
52nd	26, 32
Trojan	26, 27, 32
54th	26
55th	27
56th	27
Hardy Ave	29.
Montezuma Rd.	29, 30
Campanile Dr	29.
Linda Paseo	29
College PL.	30
Cresita Dr.	31
Cocoa Lane	31
Dawson ST.	32

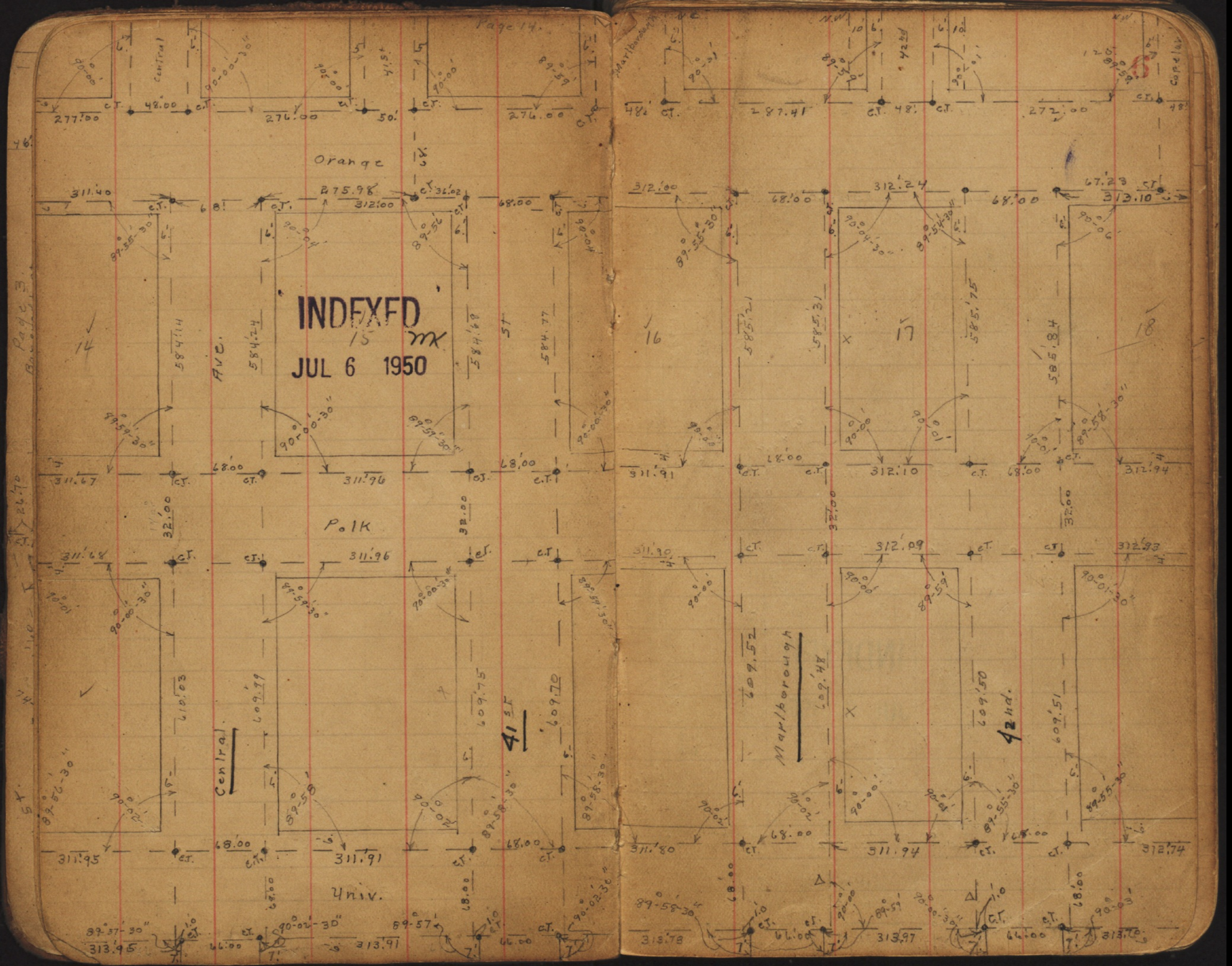

Page 2.
Lincoln
Ave
346.80
346.50
346.6
C. Moore
12/14/49
INDEXED
JUL 5 1950
Bancroft
Boundary
old City Boundary
University
Ave
208.69
166.48
477.95
610.84
35.19
504.72
C.T.
Pavm T.
1
BIK 195
BIK. 196.
BIK 193.
BIK 194
Nile
Ave.
Univ.
Wabash
356.83
394.12
333.88
330.93
287.82
Lead C.T. Pavm T.

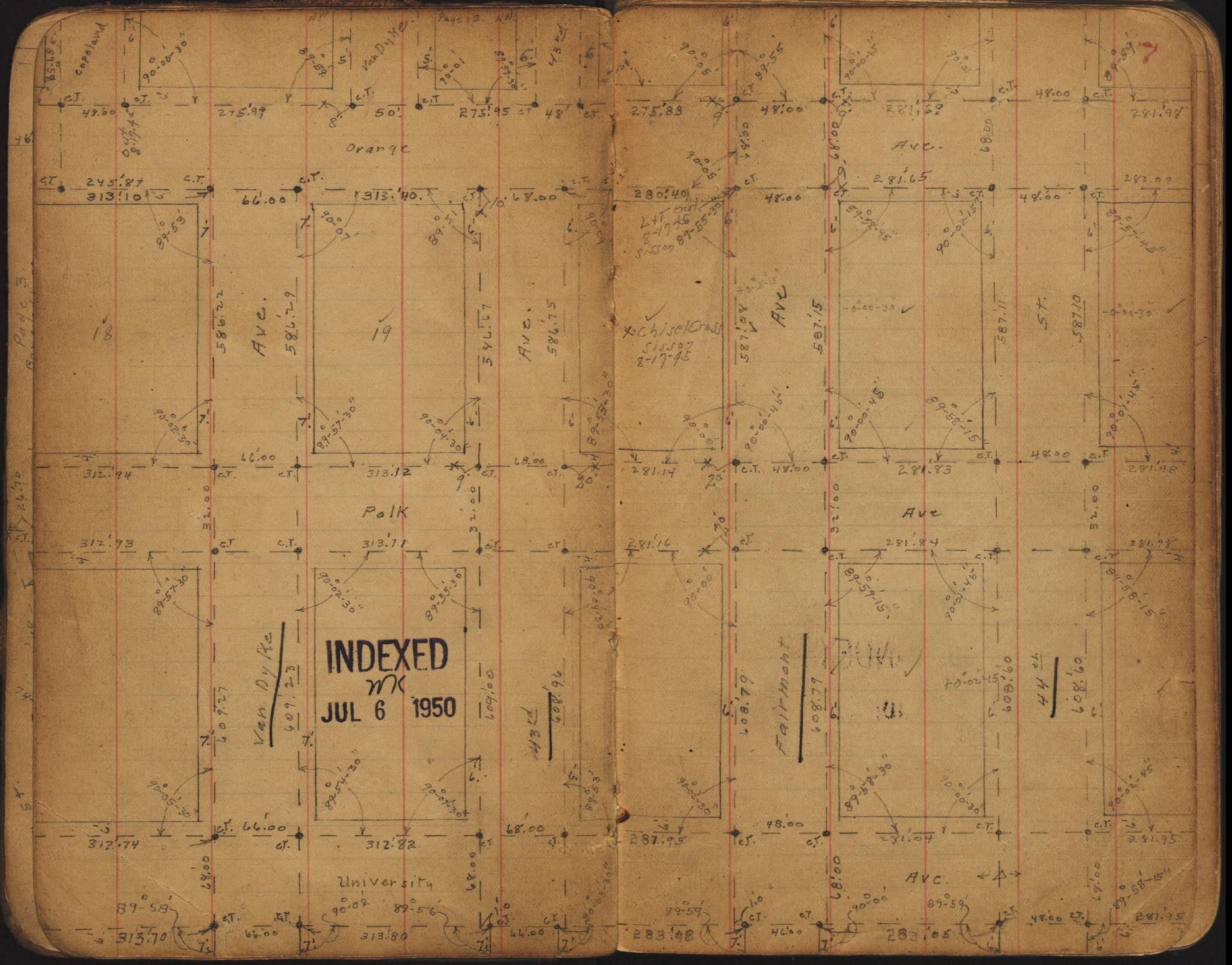

Page 3
Bancroft St
577.59
Boundary St.
Lincoln
33rd St
Polk Ave
Wabash Ave.
578.01
578.10
578.50
578.59
578.72
419.88
347.70
548.79
Page 4.
34th
St.
579.00
579.09
579.49
579.58
609.61
609.83
609.88
Swift
Ave.
University
Polk
Ave.
INDEXED
K2
JUL 5 1950

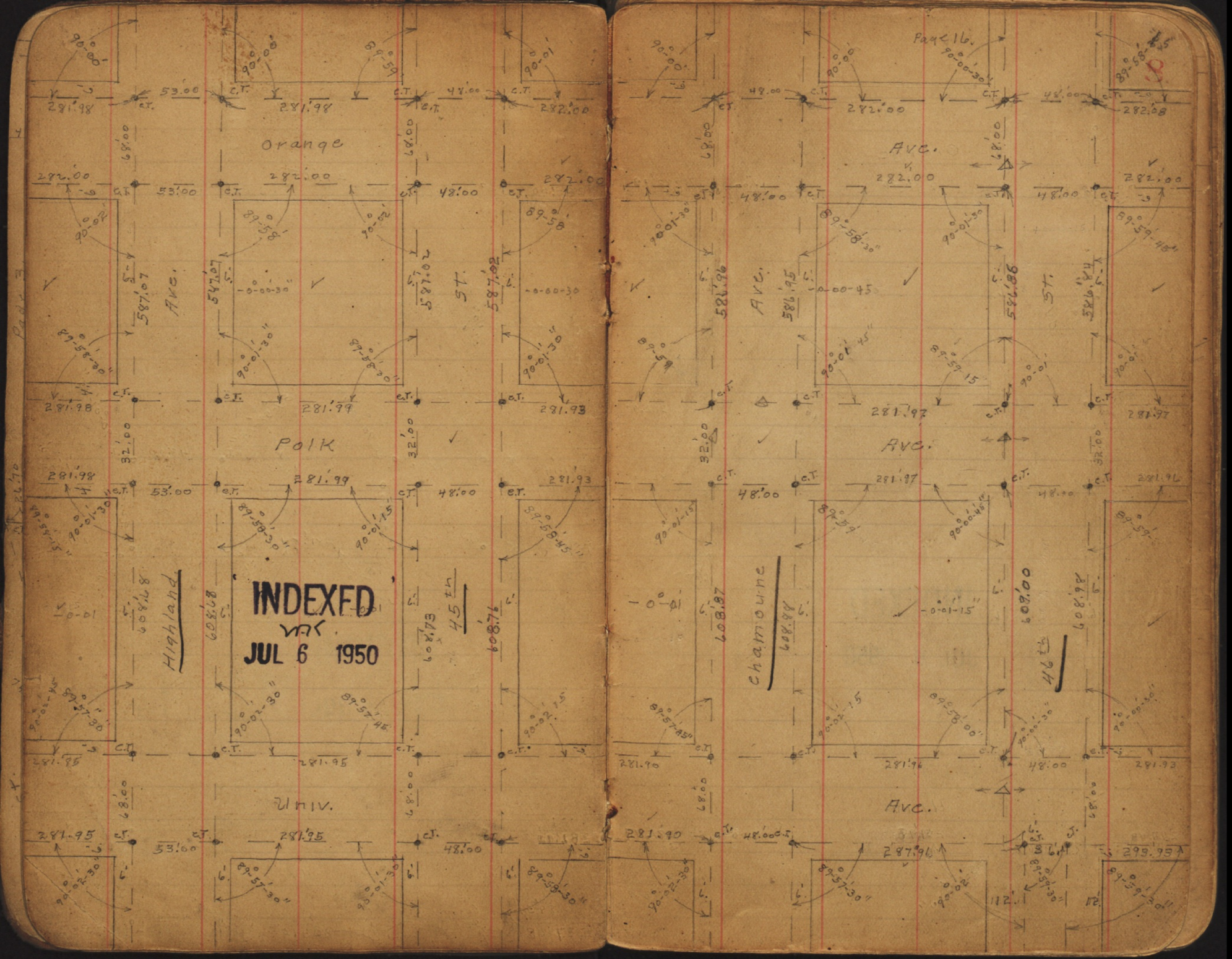
INDEXED
W.K.
JUL 6 1950

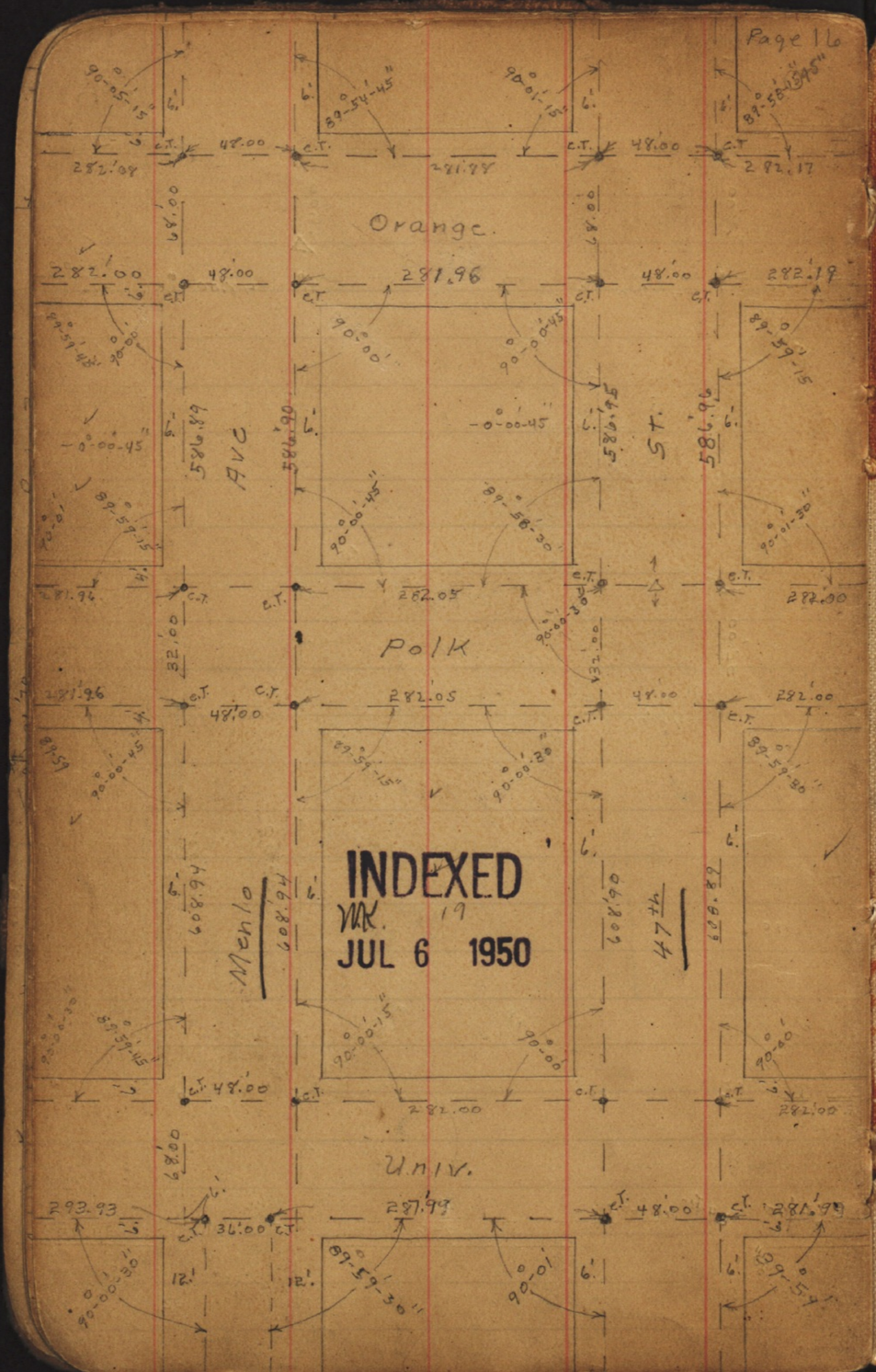

Orange
Polk
University
Wilson
Cherokee
Ave.
35th St.
36th
37th St.
INDEXED
33 WK
JUL 6 1950

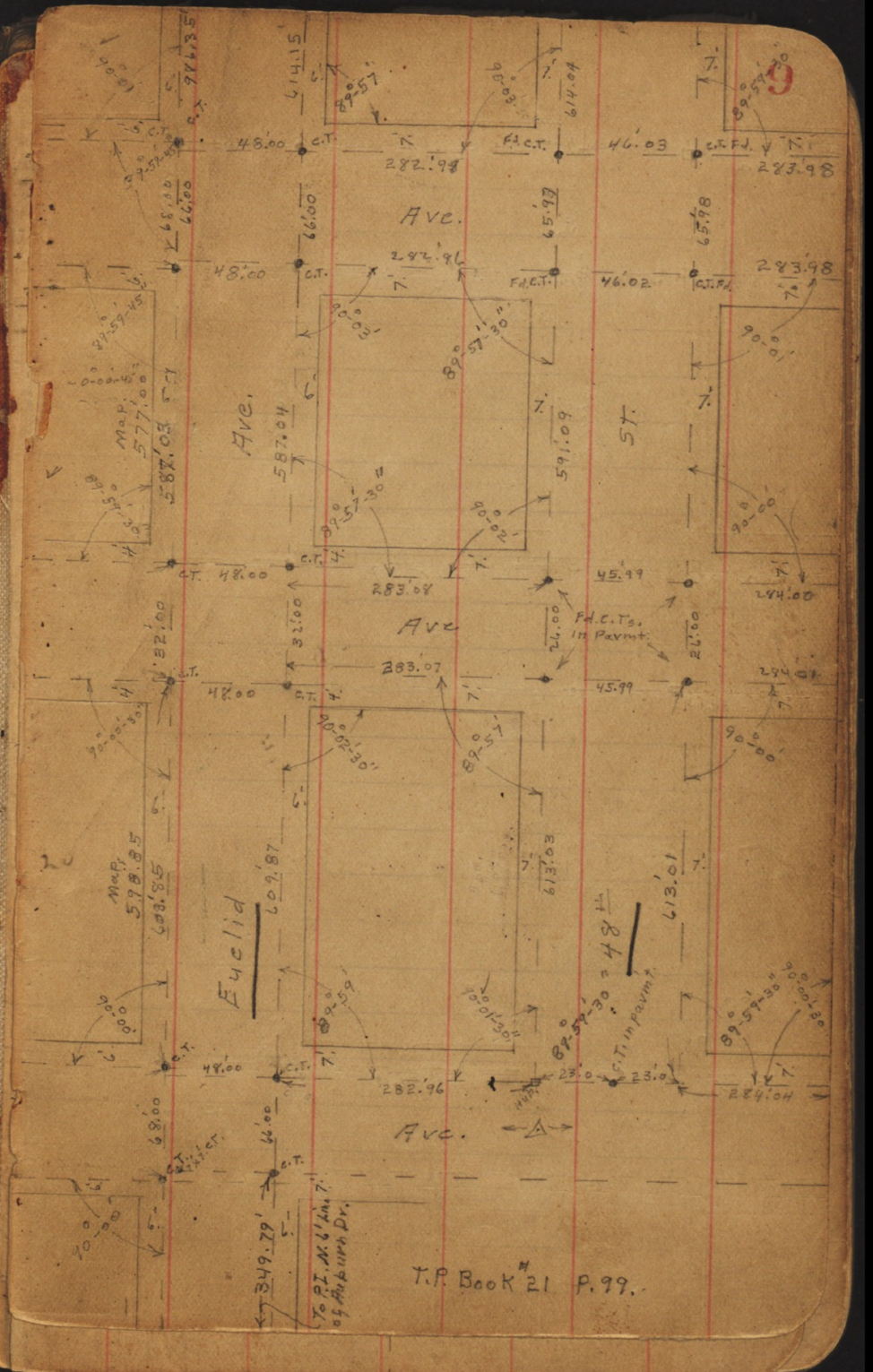

Page 14
5
Orange
Ave.
Polk
Ave.
Univ
Ave
INDEXED
JUL 6 1950
10
12
13
14
36
37
38
39
40
37th
38th
39th
40th
Page 3
Page 4


Page 14.
Orange
Polk
Univ.
Central
Marlborough
Ave.
41st
42nd
14
15
16
17
18
INDEXED
JUL 6 1950

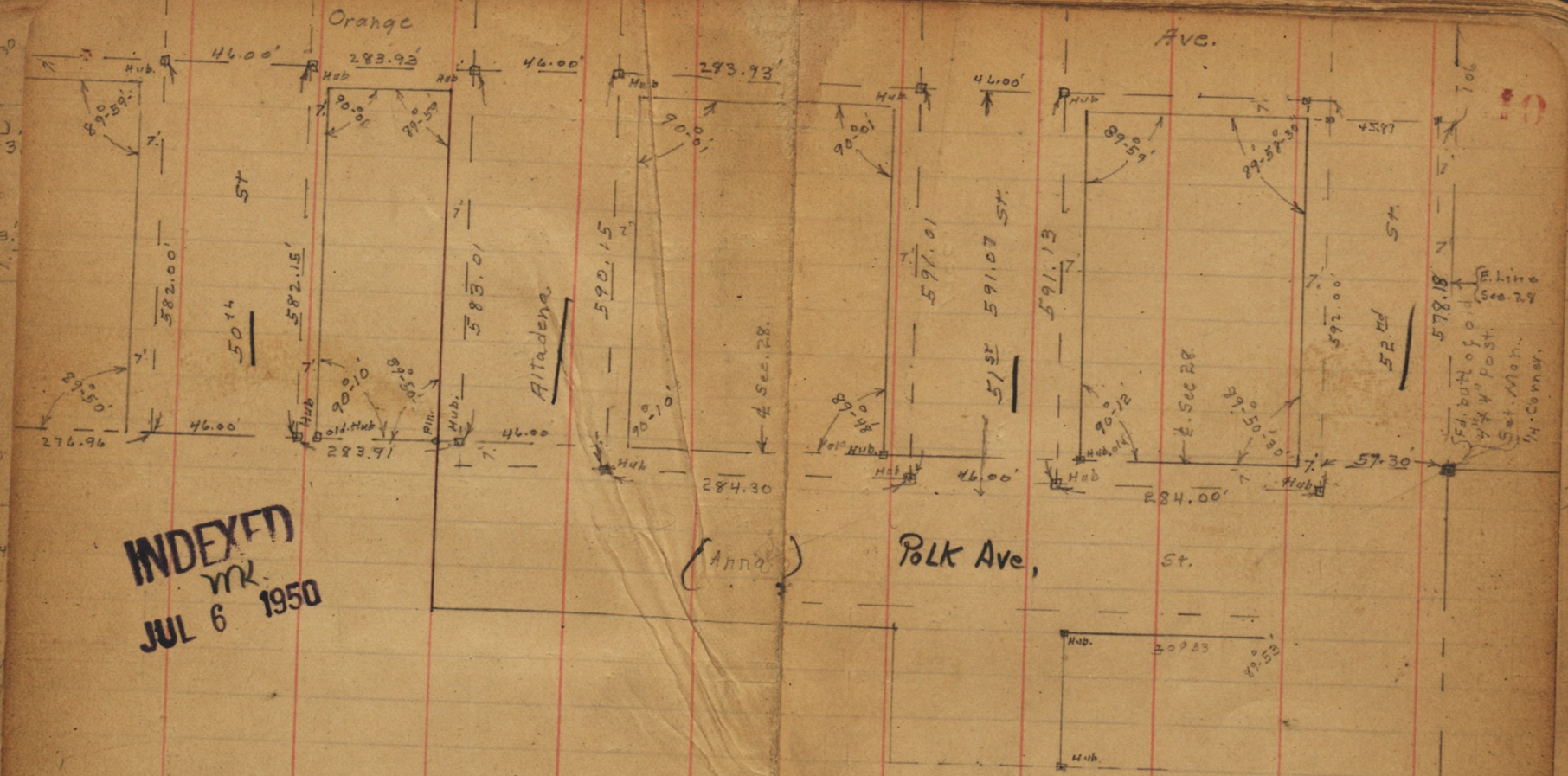

Copeland
Van Dyke
Orange
Ave.
Polk
Ave
University
Ave.
Van Dyke
Fairmont
St.
Page 3
18
19
INDEXED
JUL 6 1950


Page 16.
Orange
Ave.
Polk
Ave.
Highland
45th
Chamoune
46th
Univ.
Ave.
INDEXED
JUL 6 1950


Page 16
Orange
Polk
Menlo
Univ.
Ave
St.
47th
INDEXED
JUL 6 1950


9
Ave.
Ave
St.
Euclid
Ave.
48th
Fd. C.T.s. in Pavmt.
C.T. in pavmt.
To P.I. N. 6' Lin. of Auburn Dr.
T.P. Book #21 P.99.

INDEXED
MK
JUL 6 1950



INDEXED
MK
JUL 6 1950

Bancroft Ave.

Bancroft

46.00

C.T.

7'

13'

231.15'

89°-59'-33"

90-00-30

89-59-30

13'

Place.

890.47' To M.T. Line 33rd St.

876.10 To M.T. Line 33rd St.

978.07' To M.T. Line 33rd St.

260.78

32nd St.

46.00

C.T.

Bramson

48.00

T.C.

73-20-45"

C.T.L.F. Intersection

106-39-15"

50.10

C.T.

73-21'

305.22'

N.W.

Boundary

13'

98.11

C.T.

El Cajon

143.28

13'

106-39-15"

See p3 for opening Survey

790.95' To M.T. Line 38th St.

Orange

Ave

64.00

C.T.

178.55

6'

73-20-30"

Bancroft St.

7'

10'

64.00

6'

C.T.

106-39-30"

70.98

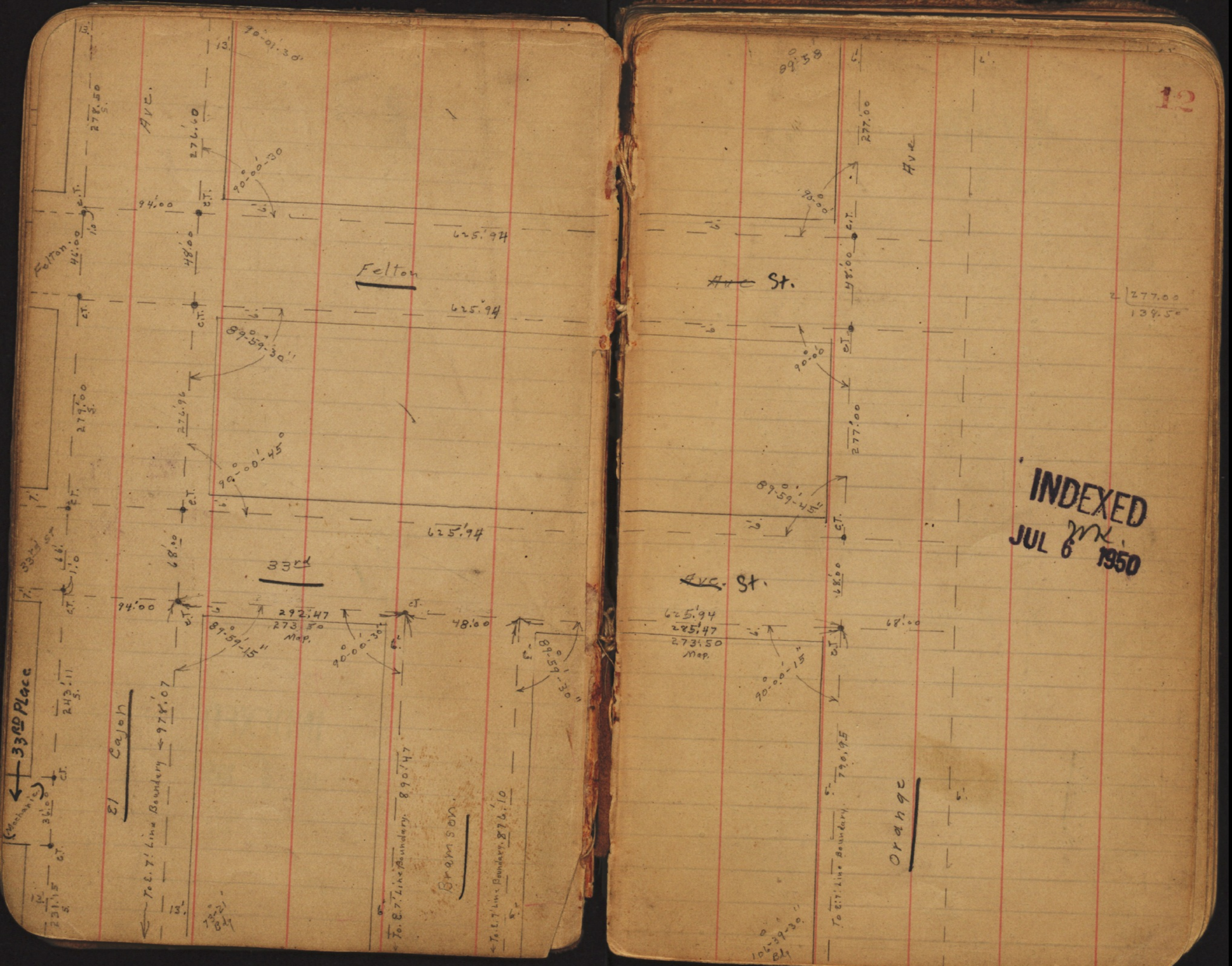
C.T.

St.

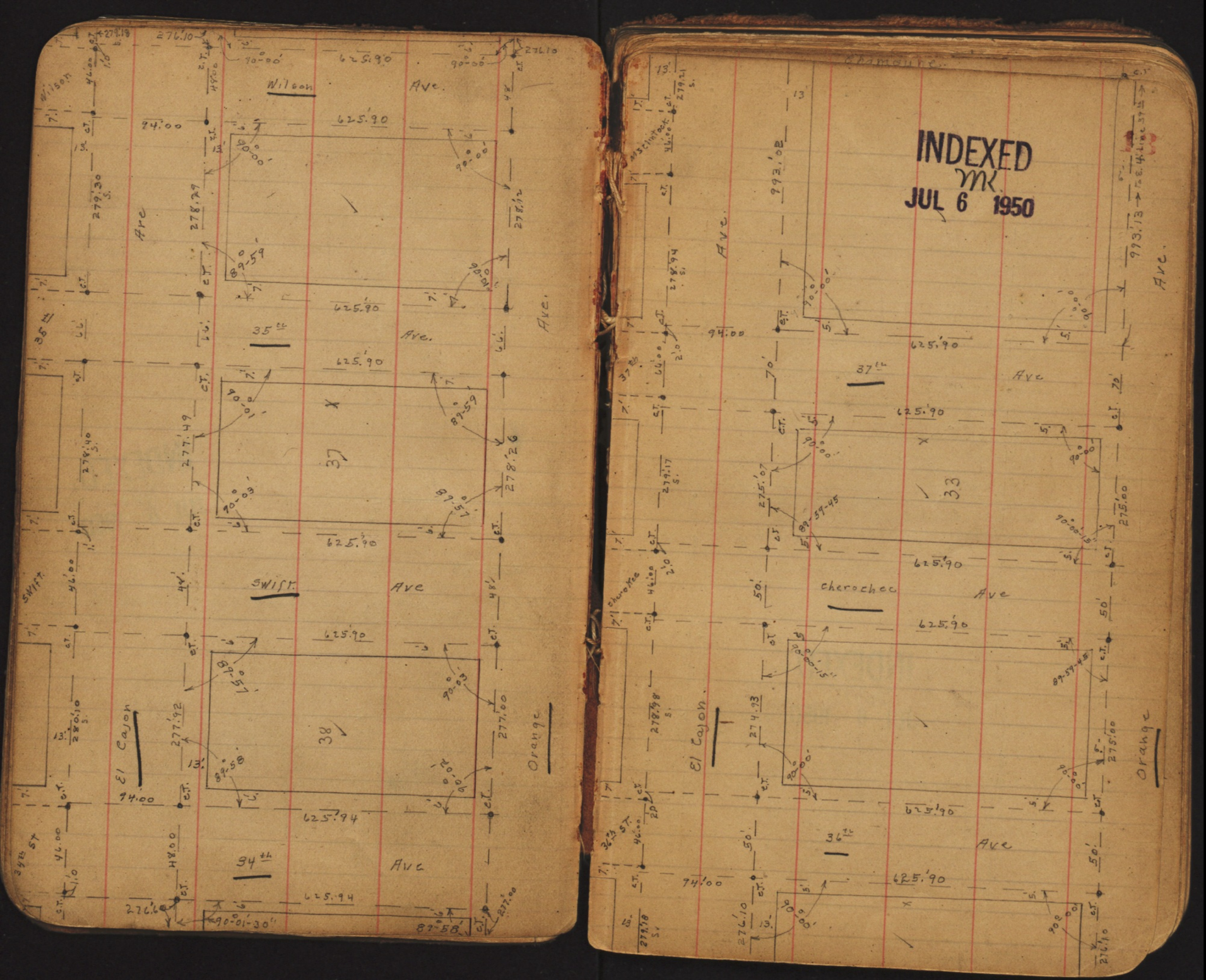
298.00

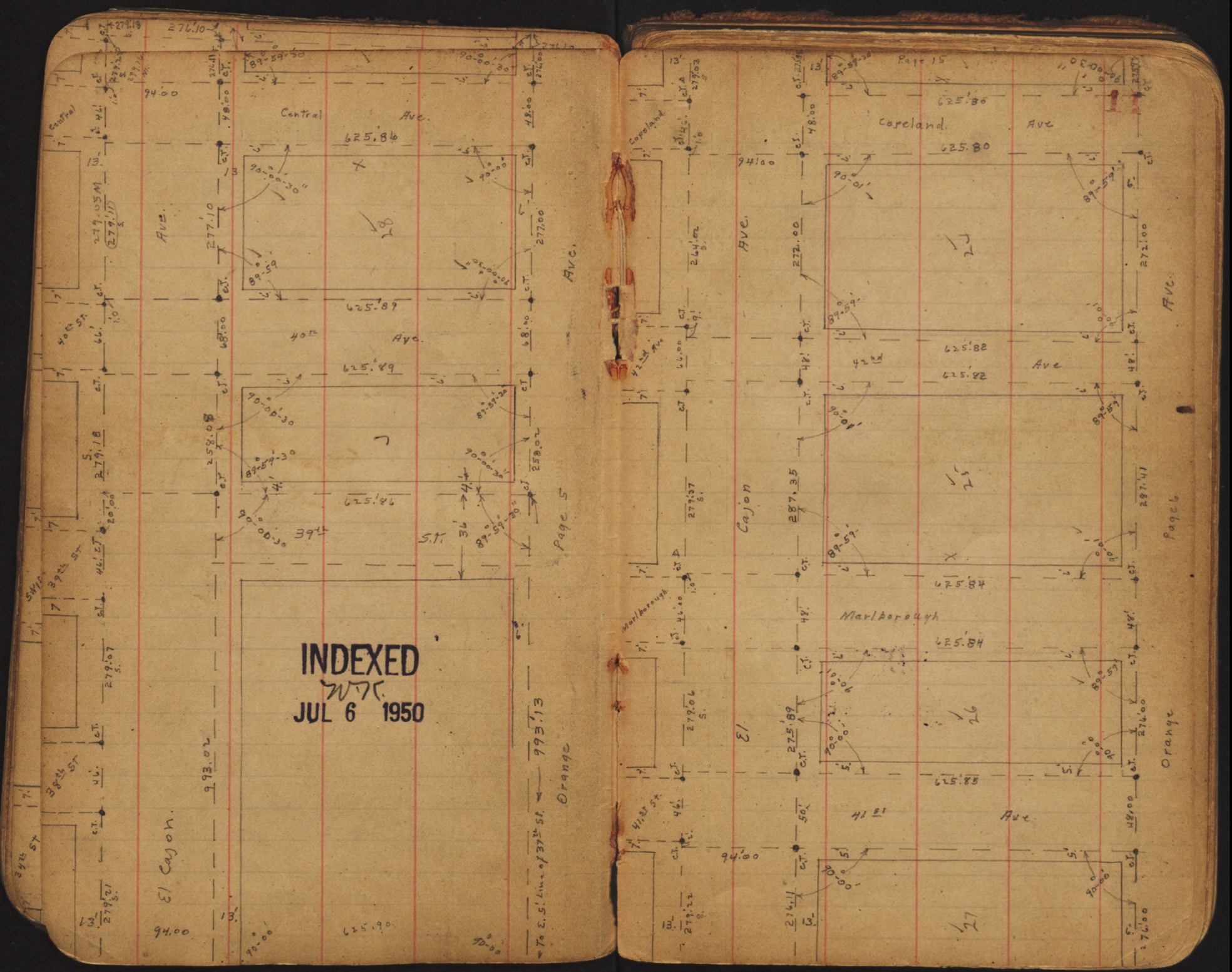
INDEXED

JUL 6 1950

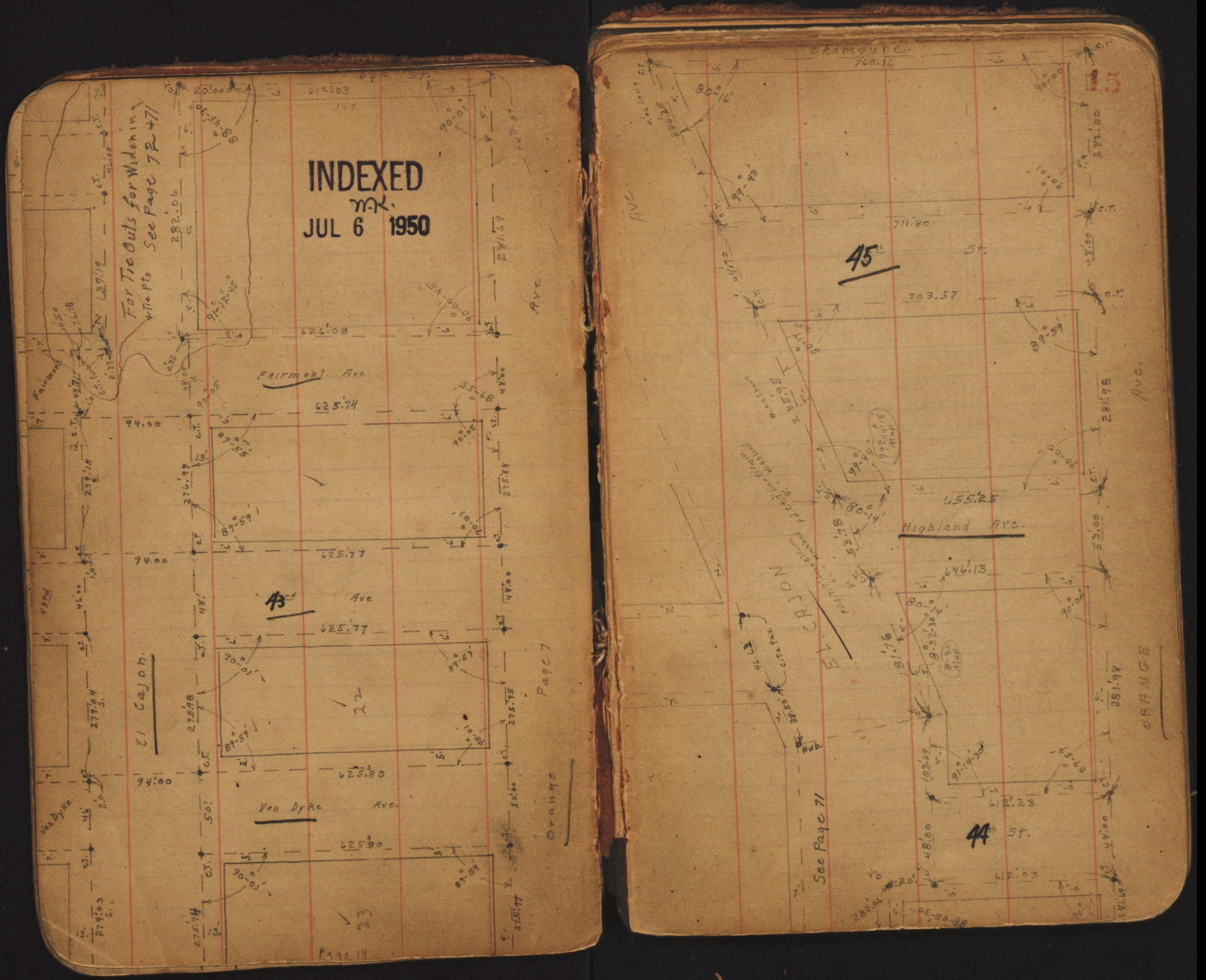


12
Felton
33rd
El Cajon
Bramson
Orange
Ave. St.
Ave. St.
Ave.
33rd Place
(Mechanic)
To E. 7' Line Boundary 978.07
To E. 7' Line Boundary 890.47
To E. 7' Line Boundary 876.10
To E. 7' Line Boundary 790.95
625.94
625.94
625.94
625.94
292.47
273.50
Map.
285.47
273.50
Map.
INDEXED
JUL 6 1950


Wilson
Ave.
35th
Ave.
37
Swift
Ave
38
El Cajon
Orange
34th
Ave
Chamoune
Ave.
37th
Ave
33
Cherochee
Ave
El Cajon
Orange
36th
Ave
INDEXED
JUL 6 1950



INDEXED
W.T.
JUL 6 1950


INDEXED
W.K.
JUL 6 1950
For Tie Outs for Widening
See Page 72-471
Fairmont Ave
Van Dyke Ave.
El Cajon
Orange
Page 7
Page 14
43rd Ave
Chamoune
Highland Ave.
El Cajon
See Page 71
ORANGE
44th St.
45th St.
15

INDEXED
JUL 6 1950

16

EUCLID Ave. 986.35

47th St.

929.80

Page 9

Ave

Ave

Mentlo

873.43

824.92

46th St

816.70

768.38

Chanoune

160.16

El Cajon

Orange

See T.P. Book 4-18

Plotted on Tie sheet 6-8-26. C.S.K.

Ave

ESTRELLA

Page 17

393.76

48th

385.75

87.30'

87.30'

El Cajon

TROJAN

288.00

283.00

614.17

614.18

614.04

614.15

283.85 AVE

EUCLID Ave.
986.35

ORANGE

INDEXED
MK
JUL 6 1950

Posted on Tie sheets
C-26-3 C.S.H.

17

El.

Cajon

TROJAN

ORANGE

Estrella

Page 16

49th

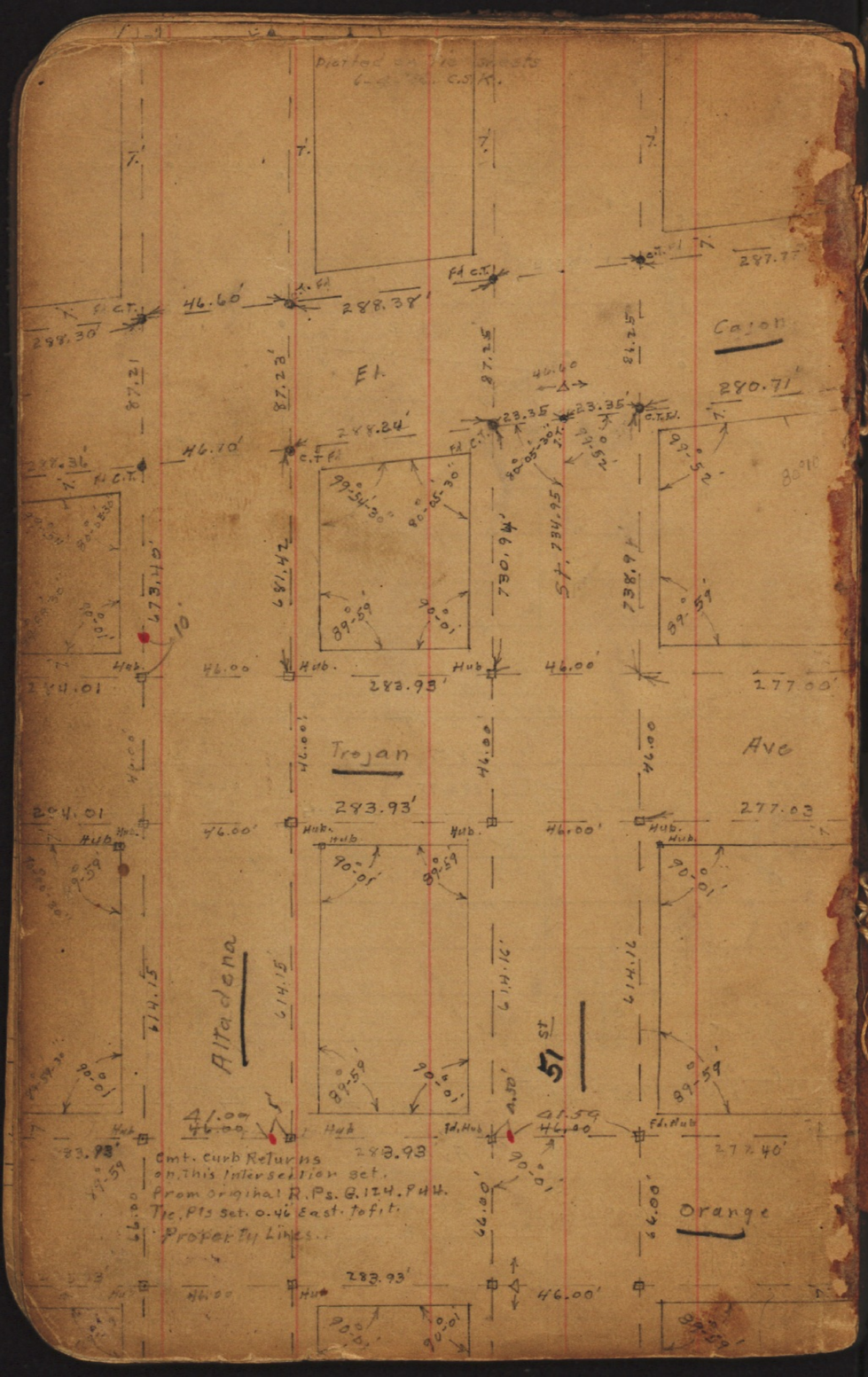
Wilona

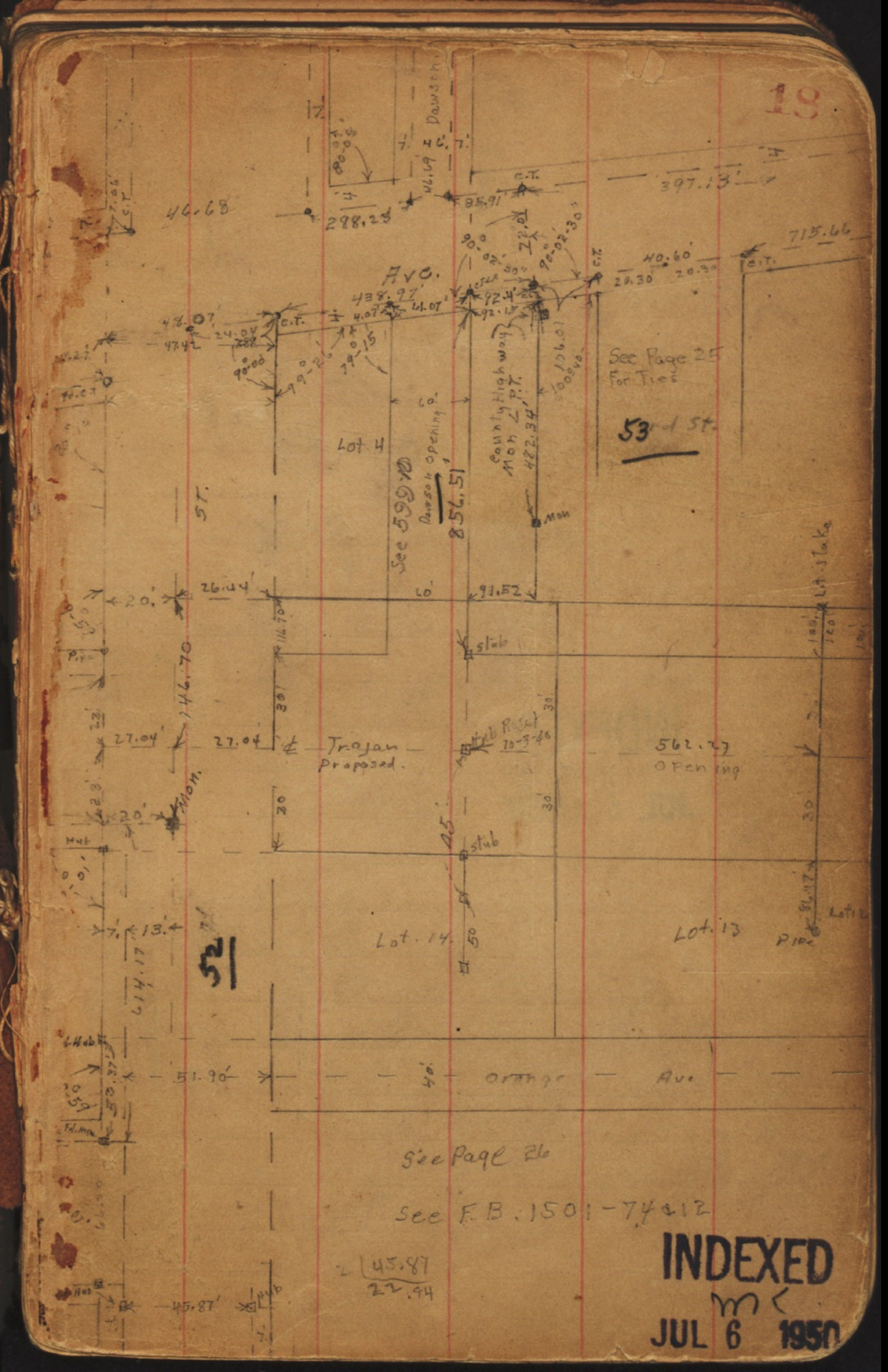
Ave.

Ave.

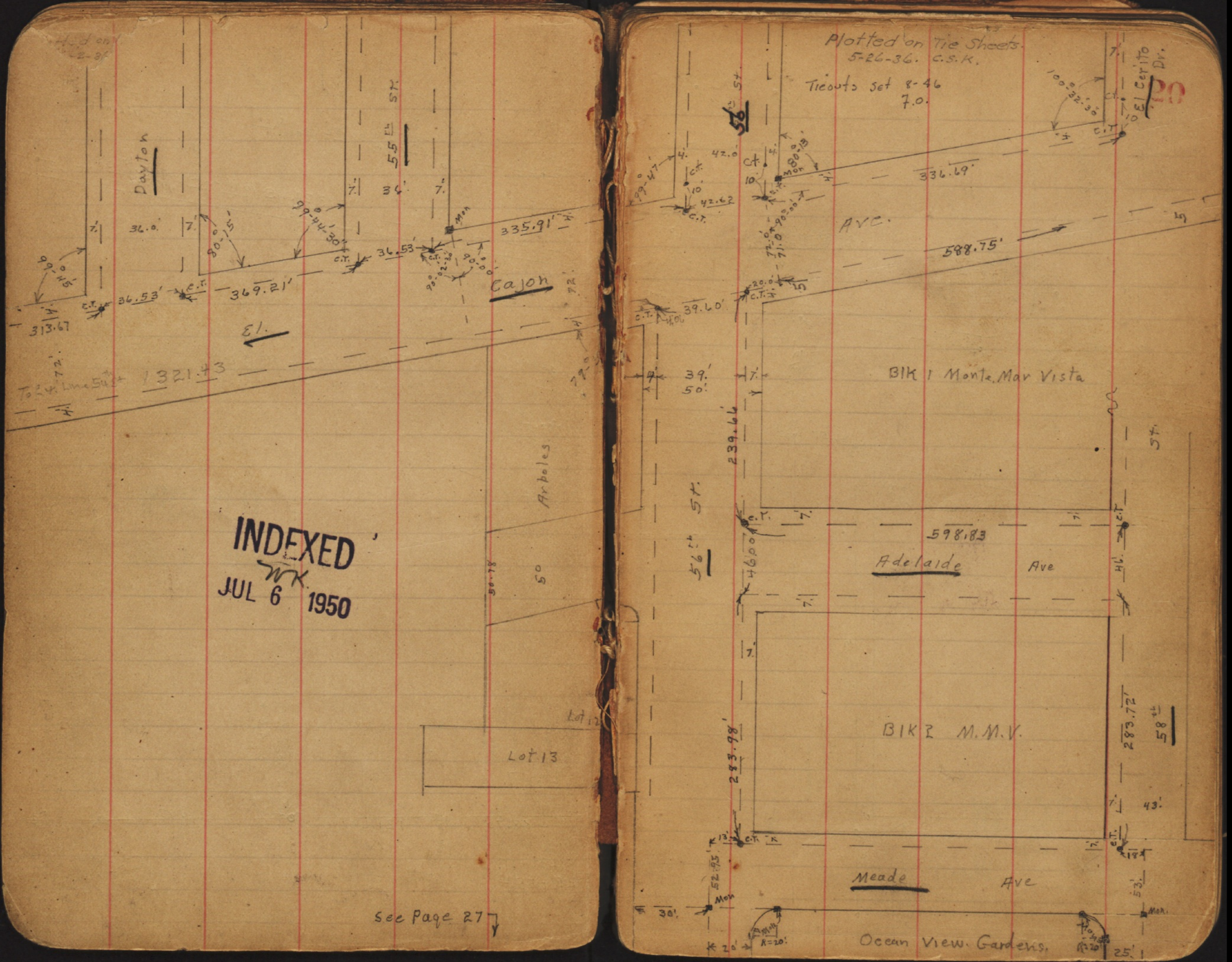
Ave.

50th


Cajon
El.
Trojan
Ave
Altadena
Orange
51st
Cmt. Curb Returns on this Intersection set. From original R.Ps. G.124.P44. Tie Pts set 0.46 East to fit Property Lines.


18
Dawson
Ave.
Lot 4
See Page 25 For Ties
53rd St.
Trojan Proposed
Opening
Lot 14
Lot 13
52
Orange Ave
See Page 26
See F.B. 1501-74 & 12
INDEXED
JUL 6 1950

INDEXED
mk
JUL 6 1950



INDEXED
WK
JUL 6 1950

Plotted on Tie sheets
5-25-36. C.S.K.

Tieouts 8-46 7.0

See G-121-9

INDEXED
WK
JUL 6 1950

Plotted on Tie Sheets
5-19-36. C.S.K.
Tieouts - 7.0. - 8-46

See Grade Book
For Ties to C
121-9
Perrito Hts.

50'
7'
7'
36'
7'
37.23'
29-31
92.80'
St.
Δ=90°-09'
P.L.R.=25.0'
82.01'
Δ=90°-09'
P.L.R.=25.0'
C.T.
90°
6.50
ct. in cb.
36.00'
31.94'
90°
6.50
ct. in cb.
217.83'
250.03'
250
Sidewalk
Alley St.
30'
32.06'
968.84'
G.

Δ=29°38'
C.T.
37.24'
92.05'
7'
83.06'
R.P. Lot=0 Disc
Δ=90°03'
R.P. Lot=0 Disc
Δ=89°57'
C.T.
30.05'
32.03'
C.T.
C.T.
ct. in cb. 9' both ways to miss pole
203.44'
G.
29.98'
36.0
31.98'
90°
C.T.
6.50 C.T. in cb.
110.28'
90.10'
225.03'
250.07'
G.
90.00'

INDEXED
WK
JUL 6 1950

Adams Ave

50' 50' 40' 50'

Fd. in 8-5-95 | Fd. in 3-5-95 | Fd. in 3-5-95

34'

C.T. C.T.

693.23'

60TH

40'

60°22'

Set R.R. Lds Disc.

60°22'

25'

119°34'30"

39.12'

C.T.

El Cajon

188.09'

202.

22.50

119°31'30"

80Z.8

60°18'30"

S.

Lot J L.V. 15 Lot K. 20N.R.

Plotted on Tie sheets C.S.K.

23

573.63

Ave.

372.13'

S.

5789'

C.T.

25'

120°16'

P.T.

R.P. DISC

5'

26'

R.P. DISC

59°44'

Fd. Iron Pipe 3-85

60'

60TH

E. STELLE STREET

INDEXED.

JUL 6 1950

Lot 7 L.V. 37

Lot 2.
304.0
5-6-35

Adams Ave

S. Line

Fd old Hub

332.74'

Fd Hub

20'

Fd. Hub

5.80'

Set Hub

120.25'

84.48'

S 0°41'10" W

121.36' S.

Fd. Concrete Mon 3' deep
= Angle Point Δ = 0°02'40"

108.

C.T.

5.79'

Fd Hub

30.

Fd Hub .05 West of line

59°38'30"

S 0°38'30" W

182.61'

Plotted on Tie sheets
5-15-36. C.S.K.

Δ = 17°20'

See Grade Book 131-57 for ties West of here

C.T. Set by Simpson Grade Book 131-57

46'

C.L.K.

7'

32.47'

Δ = 7°19'40"
R = 500' Property line

College Way

Δ to E.C. 78°36'
N. Line R = 160.0'
S. " R = 210.0

C.T.

25.52'

R = 50'

Δ = 48°14'05"

25.52' C.T.

76.40'

Δ = 40°18'20"
R = 50' Property line

20.92'

C.T.

20.92'

C.T.

20.BA

Δ = 90°02'
R = 17.70'

C.T.

24.12'

C.T.

Ave.

L

Δ = 30°22'

R.P. Dwk

38.47'

69.

120°22'

954'

573.63'

186.01'

S.

59°38'

C.T.

El Cajon

59°44'

57.89'

372.13'

59°44'

59°38'

Fd. Iron Pipe Grade Book 131-13
3-6-35.

100.

Fd. Tie Hub
Grade Book 131-18

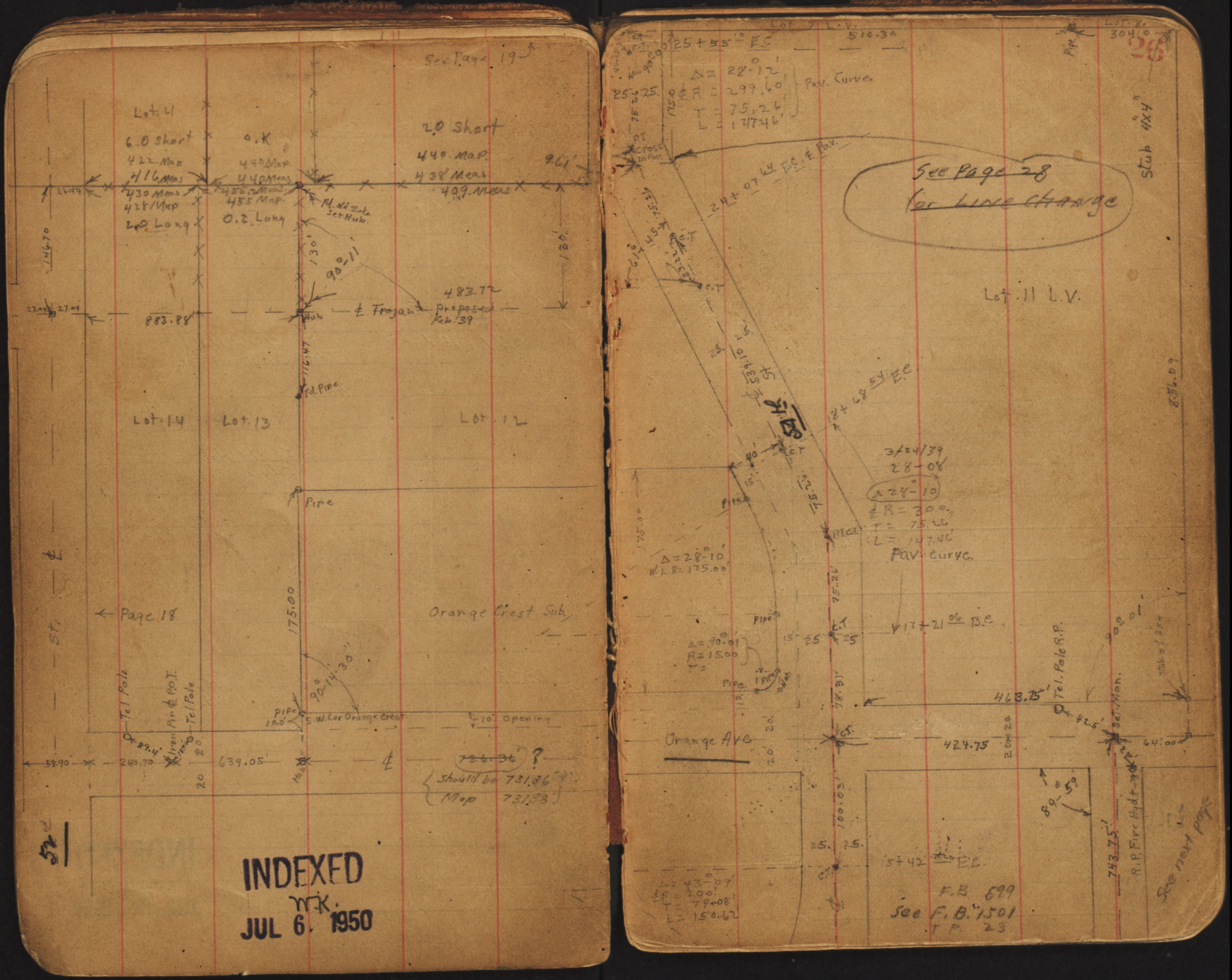
College Way

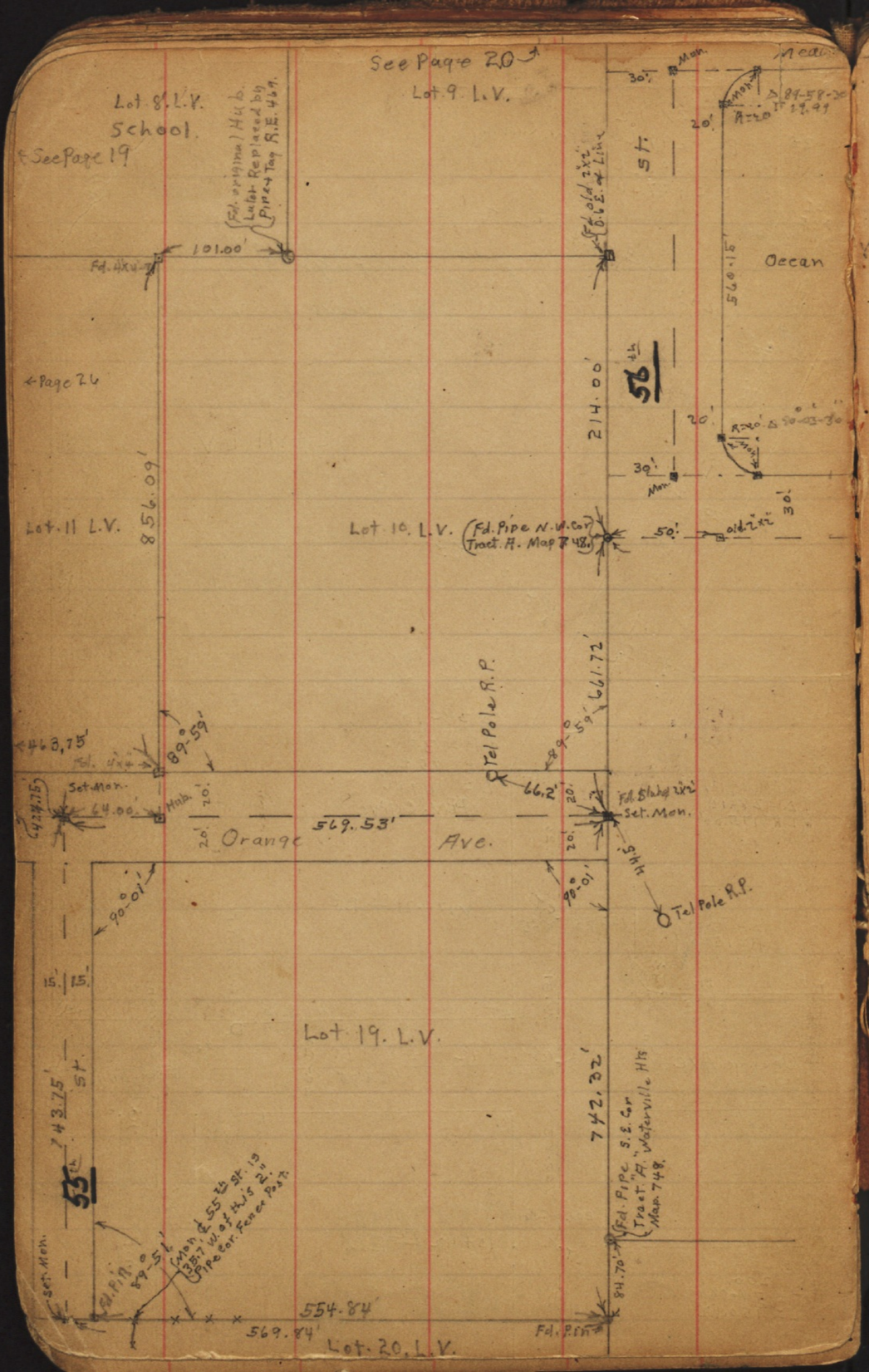
Fd. Iron Pipe North Line ESTRELLA
East Line Subdivision

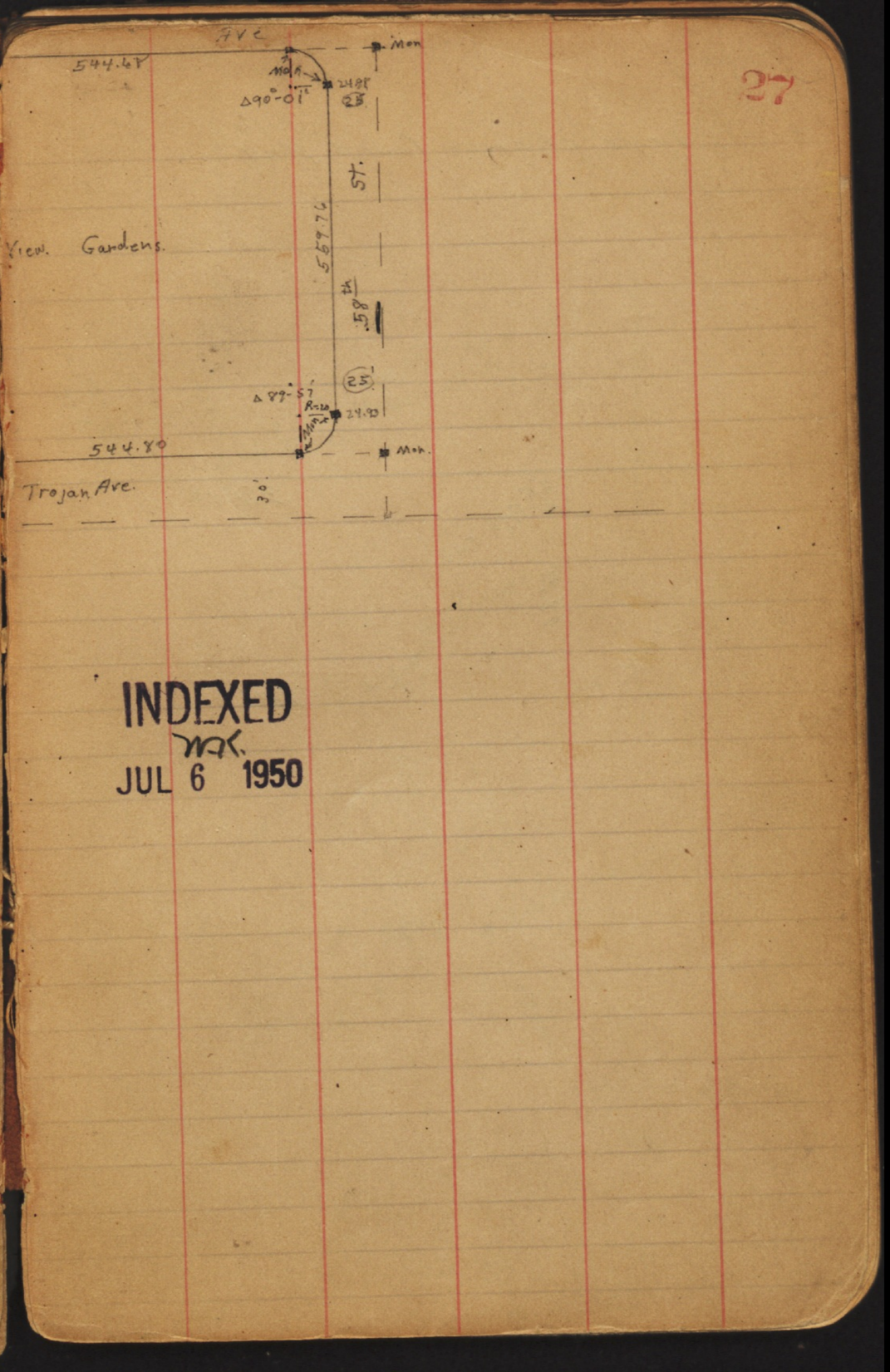
INDEXED
JUL 6 1950

Plotted on Tie sheets
4-16-'36 - C.S.K.

INDEXED
W.K.
JUL 6 1950


See Page 19
Lot 11
6.0 Short
422 Map
416 Meas
430 Meas
428 Map
2.0 Long
O.K
440 Map
440 Meas
455 Map
0.2 Long
2.0 Short
440 Map
438 Meas
409 Meas
9.61'
Fd. old stake set Hub
130'
90°-11'
483.72
883.88
℄ Trojan
Proposed Feb. 39
Hub
116.47
Fd. Pipe
Lot 14
Lot 13
Lot 12
Pipe
175.00
Page 18
Orange Crest Sub.
90°-14'-30"
Tel Pole
Pipe
S.W. Cor Orange Crest
10' Opening
58.90'
240.70
639.05'
~~726.36'~~ ?
Should be 731.36'
Map 731.38'
52
INDEXED
W.K.
JUL 6. 1950
26
Lot 7 L.V.
510.30
304.0
25+55 E.C.
Δ = 28°-12'
℄ R = 299.60'
T = 75.26'
L = 147.46'
Pav. Curve
Cross in Pav.
See Page 28
for Line Change
Stub 4"x4"
24+07.64 B.C. ℄ Pav.
Lot 11 L.V.
18+68.54 E.C.
3/24/39
28-08
Δ 28°-10'
℄ R = 300.
T = 75.26
L = 147.46
Pav. curve
Δ = 28°-10'
W.L.R. = 175.00'
17+21.06 B.C.
Δ = 90°-01'
R = 15.00
T =
463.75'
Tel. Pole R.P.
Set Mon.
Orange Ave
424.75
64.00
89°-59'
743.75'
R.P. Fire Hyd.
15+42 E.C.
Δ = 43°-09'
℄ R = 200'
T = 79.08'
L = 150.62
F.B. 599
See F.B. 1501
T.P. 23
See next page



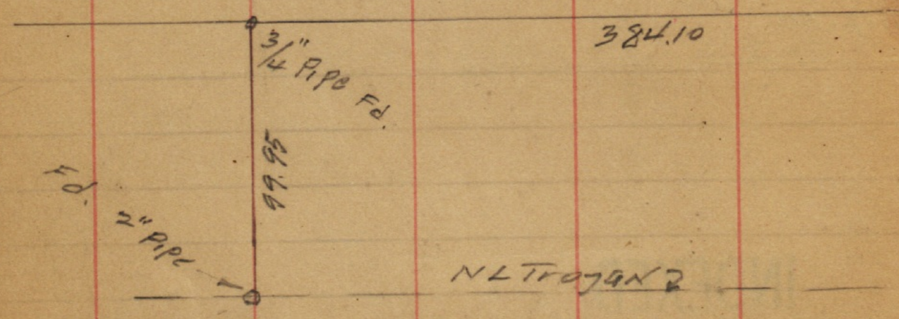


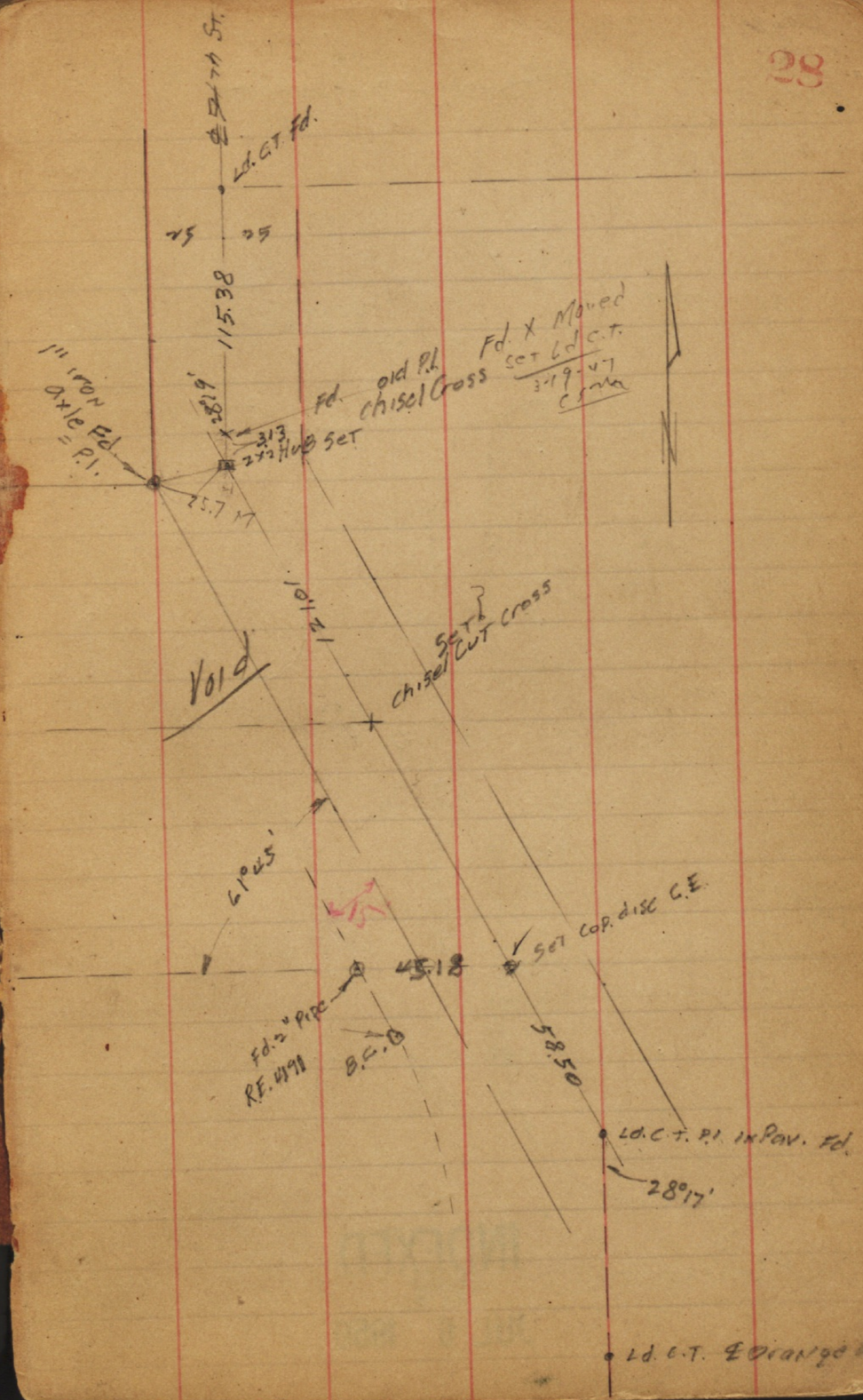
INDEXED
MK.
JUL 6 1950

Move
7-8-40

p-26

Line change from p 28?





College Park Ties

Mty Line College Park

Edison Lt T

Set Mon Lt T

Hardy Ave

1 Chisel Crosses on Rim Sewer MH.

Drive

Lindo Paseo

1 Chisel Cross on Rim MH.

Fd Mon Lt T.

Campanile

Fd Lt T.

Fd Lt T Hub

Montezuma Road

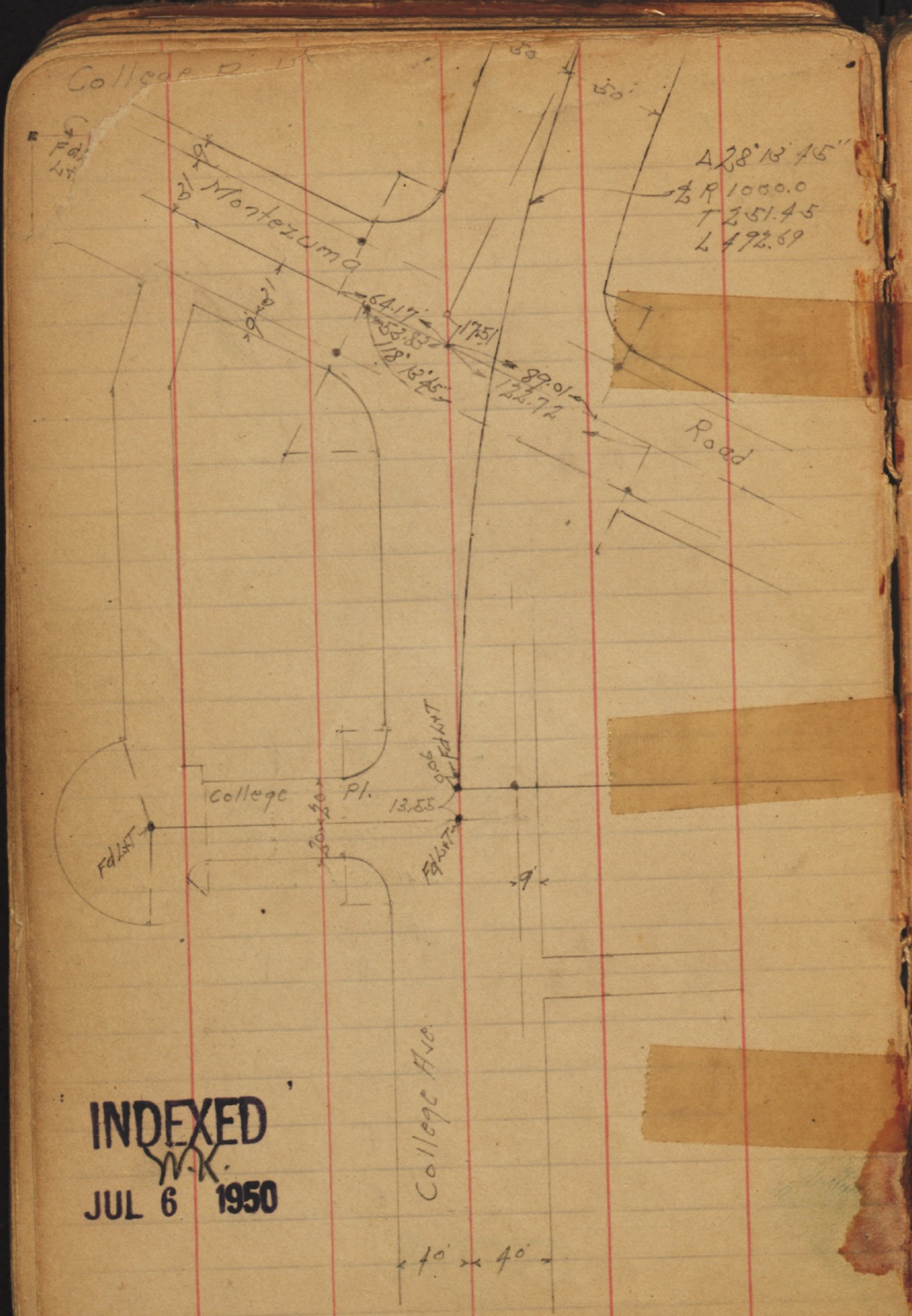
INDEXED
JUL 6 1950

Fd Cross Mon + Tape

Set Lt T

College Ave.

Fd Lt T



INDEXED
W.K.
JUL 6 1950

L+T Set

College Park Ties

Sept. 5-45
Sisson
Bliss
Begg

• = L+T Found •

INDEXED
JUL 6 1950

Ties on 52nd

W.O. 31180

Walker
Hendrick
Becker
Johnson
9-26-47

7'

7'

7'

4'

4'

El Cajon

93.0

24.04

24.03

Fd. C.T. Ld. Plg.

20.27

14

2.0

opening.

Meas. Dist. 684.58.

99°39'15"

99°26' FB 599/10

79°15' FB 599/10

P.O.T.

Calc. 687.90

90°29'50"

124.04

52 ND

26.44

Meas. 116.70

89°30'10"

Calc. 116.22

FB 599-10

89°42'

89°

27.30'

30'

GONE

30

27.04

27.04

20.0'

7.15'

Mon

Fd. Conc. "City"

Fd. Chisled Cross Rim MH FB 1704-6

Blvd.

Fd. C.T. Ld. Plg.

14

2.0

opening.

INDEXED
WK
JUL 6 1950

Street

Dawson

Fd. City Hub.

Fd. 2" Pipe Ld Plg.

60'

Sub. Line

53rd

Sub Line

30'

30'

& Trojan

Ave.

Bliss
Sommermyer
Begg
9/22/42

Check Survey. Orange to Polk
on 54th

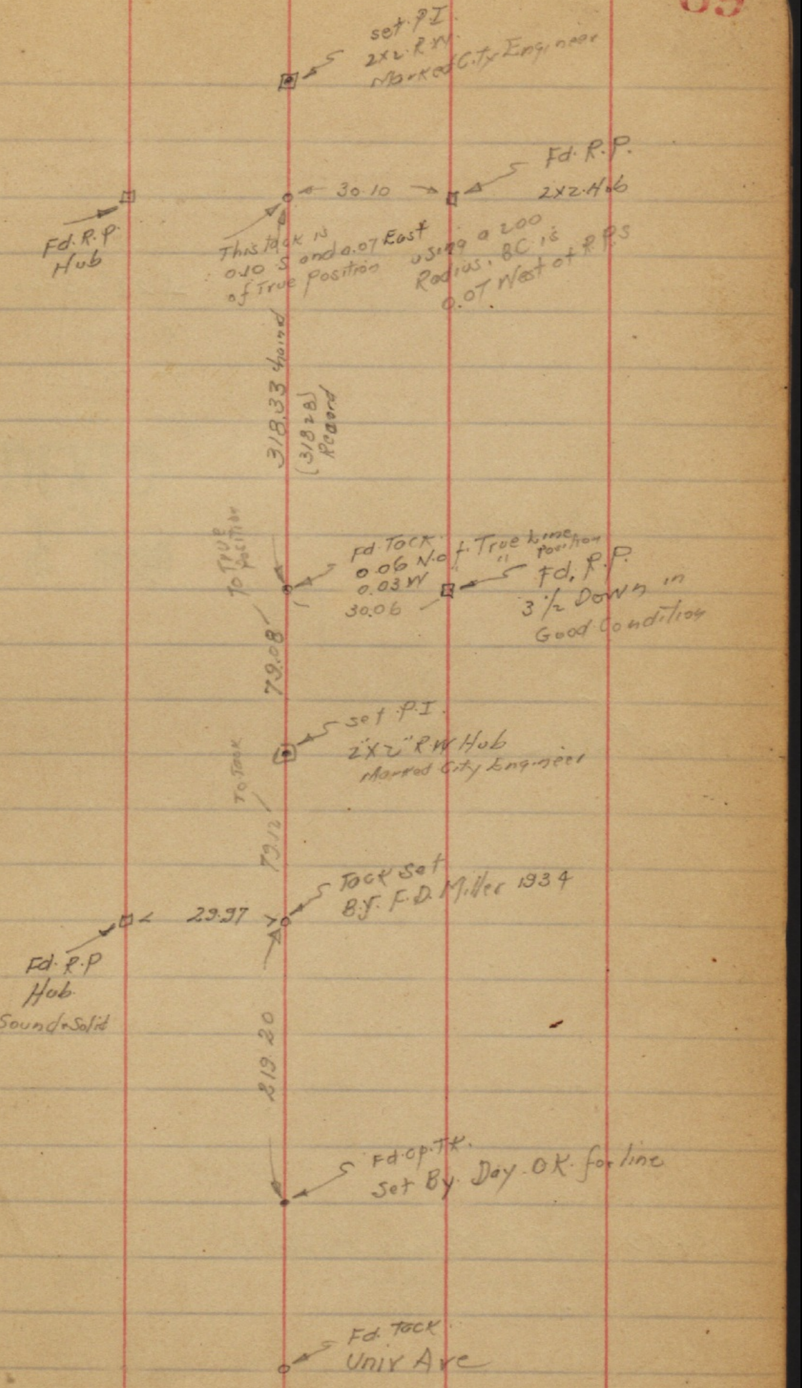
Δ 43°-09'-00
R. 200
T. 79.08
L 150.62

13+92.10 B.C. Lt Miller's Stationing

10+73.82 E.C.

Δ 43°-08'-45"
R. 200
T 79.08
L 150.62

9+23.20 B.C. Rt. (Sec. F.D. Millers)
Survey F.B. 1501 - P.12



Δ 28°-10-00
R. 300 Miller's Data
T. 75.26
L.C. 147.48

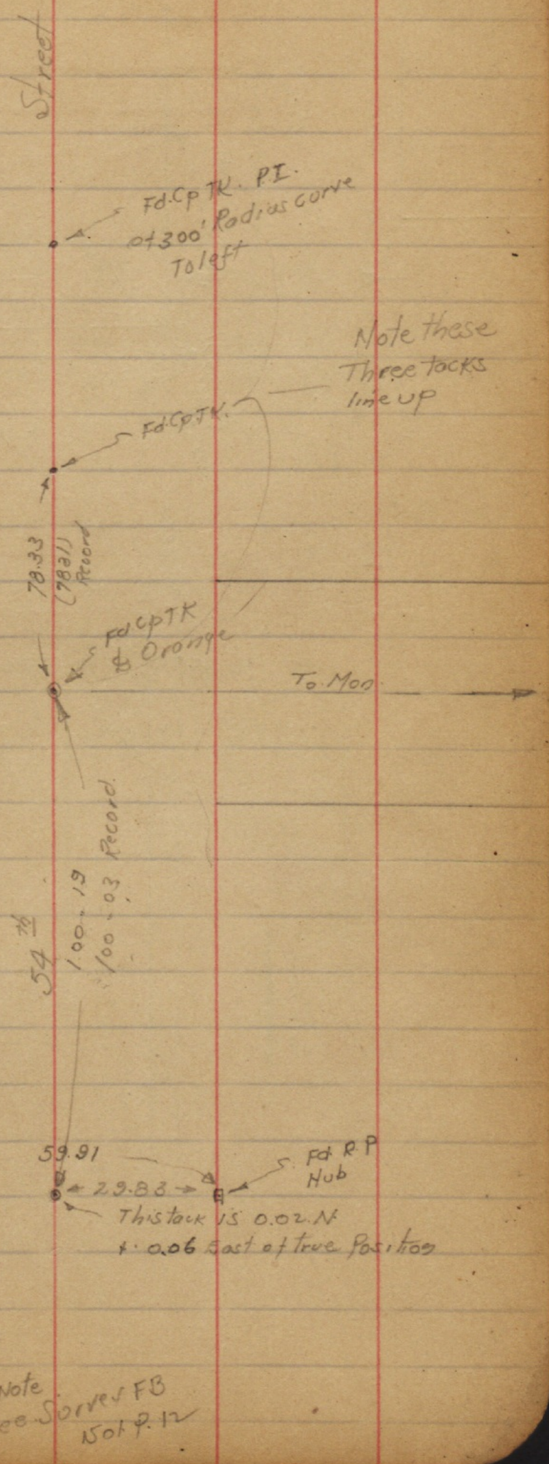
17+21.06 B.C. Lt

16+42.75 E. Orange (Miller)

15+42.72 E.C. Miller's Stationing

INDEXED
W.K.
JUL 6 1950

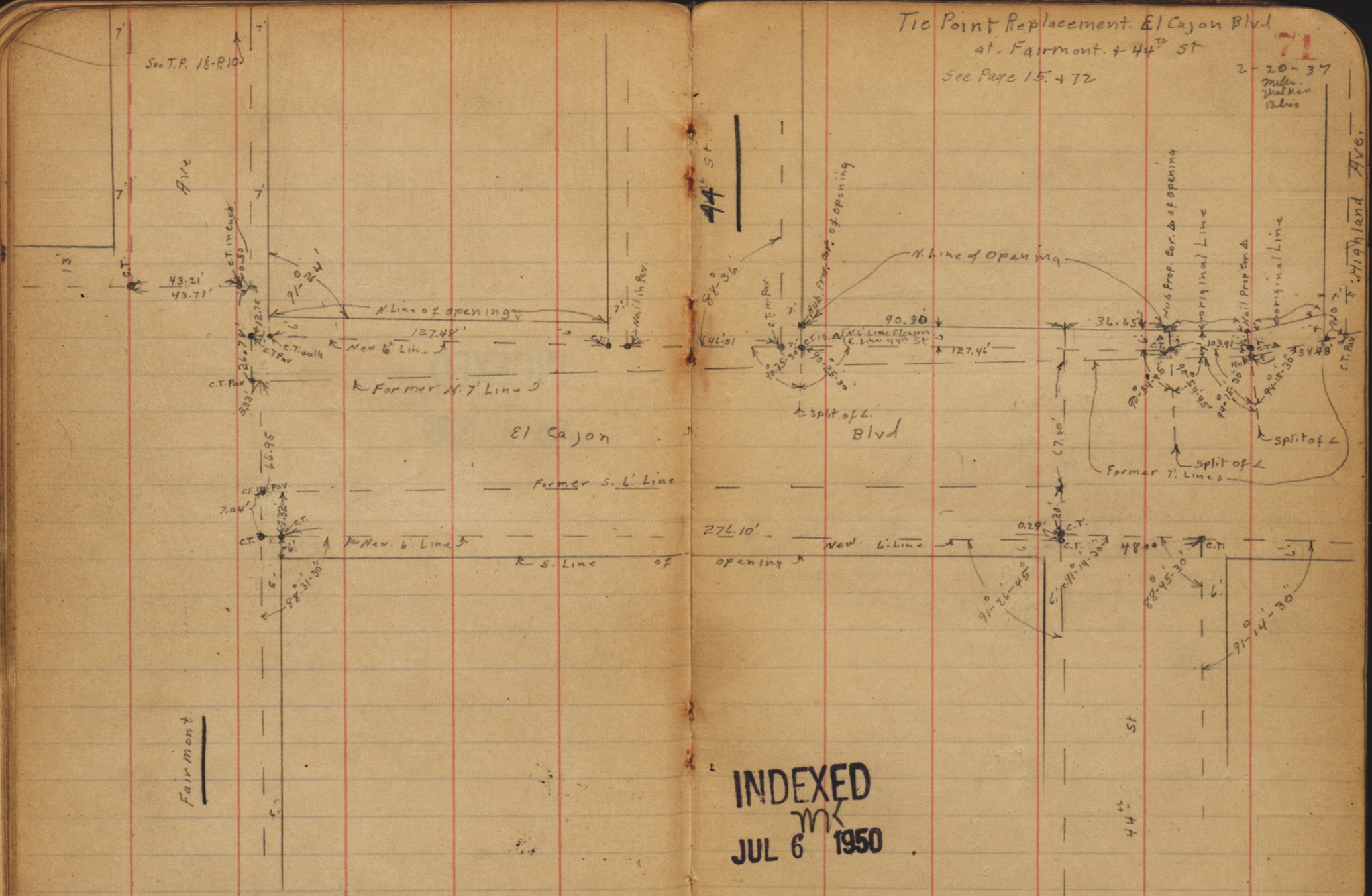
Orange Ave



Tie Point Replacement El Cajon Blvd
at Fairmont + 44th St
See Page 15 + 72

71

2-20-37
Miller
Walker
Bliss

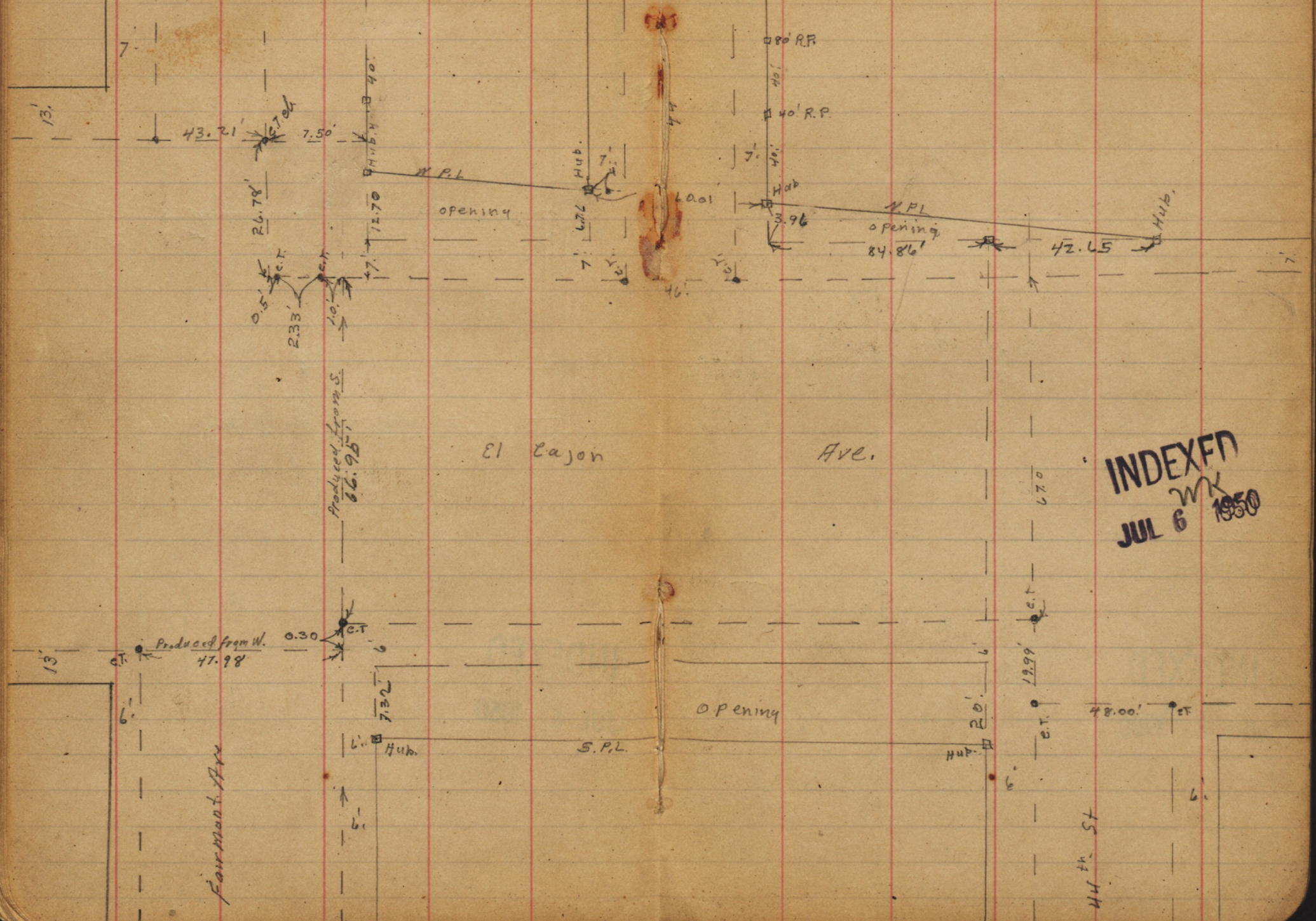


INDEXED
MK
JUL 6 1950

El Cajon Tie Outs for Opening Fairmont to 44th

See Page 71 for Replaced Tie Pts

Plotted on Tie sheet 6-8-36. C.S.K.



INDEXED
JUL 6 1950

Tie Pts at 29th & C.
30th
29th
28th
St.
Broadway
E. St.
28th St.
C.T.s. 5/20/32
INDEXED
JUL 6 1950
Posted on Tie Sheets

Tie Pt. Cover Replacement

Millis
Bliss
Walker

K. St

			Replacement
7th	S.W. Mon	T.O. 3-12-32	Cover set 3-17-32 +
8th	S.W. Mon	C.	Cover set 3-17-32 +
10th	S.W. Mon	T.O. 3-12-32	Cover set 3-17-32 +
		T.O. 3-12-32	7! C.T. L.P.
15th	N.W. SPK.	66.00E. 65.95S.	5-9-32 +
17th	S.W. Mon	T.O. 3-12-32	Cover set 3-17-32 +
20th	SW Mon	T.O. 3-12-32	Cover set. +
21th	S.W. Mon	T.O. 3-12-32	cover set 3-17-32 +
			7! C.T. L.P.
18th	S.W. Mon		5-9-32 +
24th	N.W.	T.O. 3-12-32	7! C.T. Cover Not in Right place ⊕

L St

			7! C.T. L.P.
24th	N.E.	T.O. 3-12-32	5-10-32 +
			7! C.T. L.P.
22nd	S.E. + N.E.	T.O. 3-12-32	5-10-32 +
			7! C.T. L.P.
20th	N.E.-S.W	T.O. 3-12-32	5-10-32 +
			7! C.T. L.P.
18th	N.W.-S.W	T.O. 3-12-32	5-10-32 +
17th	NW-SW + S.E.	T.O. 3-14-32	7! C.T. L.P. 5-10-32 +
		T.O. 3-14-32	Cover OK
10th	S.E.	66.00 N. 66.00 W.	5-9-32 +
		66.00 + 1.00	7! C.T. L.P
9th	N.E. N.W.	T.O. 3-14-32	5-9-32 +

Posted July 1932 NAB

Imperial Ave

			7! C.T. L.P.
16th	S.E.	T.O. 3-14-32	5-10-32 +
		66.00 S + E.	7! C.T. L.P
18th	N.W.	T.O. 3-14-32	5-10-32 +
		65.95N 66.00E	7! C.T. L.P.
19th	S.W.	T.O. 3-14-32	5-10-32 +
		66.00 S.	7! C.T. L.P
24th	N.E.	T.O. 3-14-32	5-10-32 +
			7! C.T. L.P
10th	S.E. N.E	T.O. 3-14-32	5-10-32 +
17th	S.W.	T.O. 3-14-32	7! C.T. L.P.
			5-10-32 +

Commercial

			7! C.T. L.P.
16th	N.W. N.E.	T.O. 3-14-32	5-10-32 +

Logan Ave

			Replacement
30th	S.W. N.W. + S.E.	T.O. 3-14-32 66.00 except 65.95 N+S. on E.	7! C.T.s L.P 5-10-32
			7! C.T. L.P.
28th	S.W. NW	T.O. 3-14-32	5-10-32 +
			7! C.T. L.P.
	Sigsby N.W.	T.O. 3-14-32	5-10-32 +
		T.O. 3-14-32	7! C.T. L.P.
	Dewey S.E.	66.00 N. 45.95 W.	5-10-32 +
			7! C.T. L.P.
	Evans S.W.	T.O. 3-14-32	5-10-32 +
			7! C.T. L.P.
	Sampson N.E.	T.O. 3-14-32	5-10-32 +

National Ave

			7! C.T. L.P.
30th	N.E.	T.O. 3-14-32	5-10-32 +

Dewey

			7! C.T. L.P.
	Kearney S.E.	T.O. 3-14-32	5-11-32 +

Sampson

			7! C.T. L.P.
	Kearney S.E.	T.O. 3-14-32	5-11-32 +
		45.95 W. 65.985.	7! C.T. L.P
	Julian N.E.	T.O. 3-14-32	5-11-32 +

Evans

		45.95 E. 65.95 S.	7! C.T. L.P.
	Irving N.W.	T.O. 3-14-32	5-11-32 +

J. St.

			7! C.T. L.P
19th	N.W. S.W.	T.O. 3-14-32	5-9-32 +
			7! C.T.s in L.P.
18th	N.W. S.E	T.O 3-16-32	5-9-32 +
			7! C.T. L.P.
17th	N.E.	T.O 3-16-32	5-9-32 +
			7! C.T. in L.P.
16th	N.E. + S.W	T.O. 3-16-32	5-9-32 +
			7! C.T. in L.P.
13th	S.W	T.O. 3-16-32	5-9-32 +
	SW		7! C.T. in L.P.
11th	S.E. N.E.	T.O. 3-16-32	5-9-32 +
	SW Mon + Cover		8 7! C.T. in L.P. 5-9-32
9th CT	N.E. S.E. N.W. C.T.	T.O. 3-16-32	SW Cover Placed + 7! N.E. Rep. C.T. L.P
8th	N.E.	T.O. 3-16-32	N.W. C.T. 5-9-32 +

J. St

			Replacement
		Set L.P.C.T. N.E.	Cover set 3-17-32 +
7th	S.W. Mon.	5-9-32	7! Rep. C.T. L.P.
3rd	N.W.	T.O. 3-16-32	5-9-32 +
2nd	N.W. + S.W	T.O. 3-16-32	Mon + Cover S.W.

Island Ave

	S.E.		
2nd	S.W. Mon	T.O. 3-16-32	cover set 3-17-32 +
			X in Iron Frame
3rd	S.E	T.O. 3-16-32	5-9-32 +
			Cover set
9th	S.W. Mon	T.O. 3-16-32	+ 3-17-32 +
			7! C.T
10th	S.E. N.W	T.O. 3-16-32	5-11-32 +
		T.O. 3-16-32	7! C.T.s
11th	S.W.		5-11-32 +
			7! C.T
13th	N.E.	T.O. 3-16-32	5-11-32 +
			7! C.T.
14th	N.W.	T.O. 3-16-32	5-11-32 +
			7! C.T.
15th	S.E.	T.O. 3-16-32	5-11-32 +
			7! C.T.s
17th	N.W. + N.E.	T.O. 3-16-32	5-11-32 +
			7! C.T.s.
19th	N.E	T.O. 3-16-32	5-11-32 +
20th	N.W 65.97 S 65.98 E S.E. 65.95 N 66.00 W	T.O. 3-16-32	7! C.T.s 5-11-32 +
20th			

Posted 7/32 NAB

Market St

			+
25th	S.E. N.E.		X in Cover Rim 7! C.T.s
19th	N.W. S.E.	T.O. 3-16-32	5-12-32 +
	S.W.		7! C.T.s
17th	N.E.	T.O. 3-16-32	5-12-32 +
			7! C.T +
7th	S.E.	T.O. 3-16-32	5-12-32

G St

			Replacement
	S.W. 6th	Cover OK	Mon + Cover + 7! C.T.
	Front S.E.	T.O. 3-16-32	5-13-32 +
13th	N.E.	T.O. 3-16-32	7! C.T. 5-13-32 +
14th	S.W.-S.E.	T.O. 3-16-32	7! C.T.s 5-13-32 +
15th	S.E. N.E	T.O. 3-16-32	7! C.T.s 5-13-32 +
16th	S.W. Mon	Cover	Placed 3-17-32 +
			7! C.T.s
17th	SW + NE	T.O. 3-16-32	5-13-32 +
18th	S.W. Mon	Cover Placed	3-17-32 +
22nd	S.W Mon	Cover Set	3-17-32 +
			7! C.T.
23rd	N.E	T.O. 3-17-32	5-13-32 +
			3-16-32
	Columbia	S.W Mon	Cover Set. +

F. St

			7! C.T.
23rd	S.E.	T.O. 3-17-32	5-13-32 +
			7! C.T.
21st	N.W.	T.O. 3-17-32	5-13-32 +
			7! C.T.
20th	N.E. S.E	T.O. 3-17-32	5-13-32 +
			7! C.T.s
19th	N.E. S.E.	T.O. 3-17-32	5-13-32 +
18th	S.E. S.W	T.O. 3-17-32	7! C.T.s 5-13-32 +
17th	S.E. N.E	T.O 3-17-32	7! C.T.s 5-13-32 +
			7! C.T.
16th	N.E.	T.O. 3-17-32	5-13-32 +
			7! C.T.s
14th	N.E. S.W	T.O. 3-17-32	5-13-32 +
			7! C.T.
13th	N.E.	T.O. 3-17-32	5-13-32 +
State	S.W	Mon	Cover OK 3-17-32 +

Tie Pt. Cover Replacement.

E. St.

			Replacement
Kellner S.W	Mon.		cover ok 3-17-32
India N.W.	T.O. 3-17-32		7! e.T. 5-13-32
Columbia S.W.	T.O. 3-17-32		No. Tack cracked 5-13-32
State S.W.	Mon		Cover set 3-17-32
Front S.W.	Mon		Cover set 3-17-32
2nd S.E	T.O. 3-17-32	Did not fill	Cover.
14th S.W.S.E	T.O. 3-17-32		7! e.T. 5-13-32
19th S.W.S.E	T.O. 3-17-32		7! e.T. 5-14-32
20th N.E. S.E.	T.O. 3-17-32		7! e.T. 5-14-32
23rd S.W	T.O. 3-17-32		7! e.T. 5-14-32

Broadway

25th			7! e.T.s all in.
23rd S.E	T.O. 3-17-32		7! e.T. 5-14-32
17th S.W.	T.O. 3-17-32		7! e.T. 5-14-32
16th S.E.	T.O. 3-17-32		7! e.T. 5-14-32

B. St.

24th N.W. S.W. S.E	T.O. 3-17-32		7! e.T.s 5-17-32
22nd S.W.	T.O. 3-17-32		7! e.T. 5-17-32
16th S.W.	Mon	SPK.	Cover placed 3-17-32
14th N.W	T.O. 3-17-32		7! e.T. 5-17-32
13th N.W. S.W	T.O. 3-17-32		7! e.T.s 5-17-32
10th S.W.	T.O. 3-19-32		7! e.T. 5-17-32
9th S.W	T.O. 3-19-32		7! e.T. 5-17-32
2nd N.W.	T.O. 3-19-32		7! e.T. 5-17-32
1st N.W	T.O. 3-19-32		7! e.T. 5-17-32

B. St.

			Replacement
Columbia N.W.	T.O. 3-19-32		7! e.T. 5-17-32
India S.W.	T.O. 3-19-32		7! e.T. 5-17-32

A. St.

India S.E	T.O. 3-19-32		7! e.T. 5-17-32
8th N.E. S.E	T.O. 3-19-32		7! e.T. 5-18-32
13th N.W. S.W	T.O. 3-19-32		7! e.T.s 5-18-32
14th S.W	T.O. 3-19-32		7! e.T. 5-18-32

Ash St.

10th N.W. S.W	T.O. 3-19-32		7! e.T. 5-18-32
9th S.E. N.E. N.W.	T.O. 3-19-32		7! e.T.s. 5-18-32
8th S.E	T.O. 3-19-32		7! e.T.s 5-18-32
2nd S.E-N.W. N.E	T.O. 3-19-32		7! e.T.s. 5-18-32
Front S.E.	T.O. 3-22-32		7! e.T.s 5-18-32
India S.W. N.E.	T.O. 3-22-32		7! e.T.s 5-18-32

Forest 7/32 #426

Beech St.

India N.E.-S.E. Bad. Return Union N.W.	T.O. 3-22-32	10' N. + 10' W. cl.	7! e.T.s 5-18-32
2nd S.W. N.W.-N.E	T.O. 3-22-32	+ in Rim	7! e.T. 5-18-32
8th S.E.	T.O. 3-22-32		7! e.T.s 5-18-32
9th S.W. S.E.	T.O. 3-22-32	cmt. N.E.	7! e.T. S.W. 5-18-32
10th S.W.	T.O. 3-22-32		7! e.T. 5-18-32

E. Side bet Date & Elm Gone

Union St.

	3-22-32		e.T. 5-18-32

Cedar St.

			Replacement
9th N.W	T.O. 3-22-32		7! e.T. 5-18-32
8th N.E. N.W	T.O. 3-22-32		7! e.T.s 5-18-32
6th S.W.	T.O. 3-22-32		7! e.T 5-18-32
State S.W	T.O. 3-22-32		7! e.T. 5-18-32
India S.W	T.O. 3-22-32		7! e.T 5-18-32

Date St.

India S.W.	T.O. 3-22-32	cmt. N.C.	7! e.T. 5-18-32
State S.E.	T.O. 3-22-32		No. Tack 5-17-32

Elm. St.

2nd S.E.	T.O. 3-22-32		7! e.T. 5-19-32
2nd S.W. N.E	Mon.		Cover set 3-22-32
Union S.E.	T.O. 3-22-32		7! e.T.s. 5-19-32
State N.W.	T.O. 3-22-32		7! e.T. 5-19-32

Forest 7/32 #426

Fir St.

India S.W. S.W.		3-22-32	7! e.T.s. 5-19-32 e.T. outside
State N.W. N			7! e.T. 5-19-32

Grape St.

India N.E	T.O. 3-22-32	S.E. + N.W.	7! e.T.s 5-19-32
India S.E.	e.T. outside of Cover		

Hawthorn.

India S.W.	T.O. 3-22-32		7! e.T. 5-19-32
Columbia S.W	T.O 3-22-32		7! e.T. 5-19-32

Hawthorn

			Replacement
State S.E.	T.O. 3-22-32		7! e.T. 5-19-32
Albatross S.W	T.O. 3-22-32		7! e.T. 5-19-32

Ivy St.

4th N.E	Not 3-22-32		7! e.T. 5-20-32
Union S.W.	Not 3-22-32		7! e.T. 5-20-32
Columbia N.E. N.W	T.O. 3-22-32		7! e.T. 5-20-32
India S.E	T.O. 3-22-32		7! e.T. 5-20-32

Juniper St.

Front N.E.	T.O. 3-22-32		7! e.T. 5-21-32
2nd N.W	T.O. 3-22-32		7! e.T. 5-21-32
4th N.E	T.O. 3-22-32		7! e.T. 5-21-32
6th N.W.			7! e.T. 5-21-32

Kalmia St.

4th N.W.	T.O. 3-23-32		7! e.T. 5-21-32
3rd N.W. S.E.	Not 3-23-32		7! e.T. 5-21-32
Brant S.W.	T.O. 3-23-32		7! e.T.s 5-21-32
Curleu S.E.			7! e.T. 5-21-32

Maple

4th S.E.	T.O. 3-23-32		
3rd S.W.	T.O. 3-23-32		
2nd N.E.	T.O. 3-23-32		

Laurel

India S.W.-S.E.+N.E			7! e.T.s 5-21-32
Columbia N.W.-N.E.-S.W.+S.E.			7! e.T.s 5-23-32
State N.W.-N.E.-S.W.+S.E.			7! e.T.s 5-23-32

Tie Point Cover Replacements

Nutmeg St

		Replacement
3rd N.E.	T.0.3-23-32	+
4th N.W.	T.0.3-23-32	+

Olive St

		Replacement
4th S.W. N.E.	T.0.3-23-32	+
3rd S.W. N.E.	Not in T.0.3-23-32	+

Quince

2nd N.W. S.W.	T.0.3-23-32	+

Redwood St.

		Replacement
2nd S.W. N.W.	T.0.3-23-32	+

Spruce

2nd N.W. S.W.	Filled	T. set C.T. L.P. 3-23-32 +

Thorn St

1st S.E.-N.E.	T.0.3-23-32	+
2nd S.W.-N.W.	T.0.3-23-32	+
3rd S.W.	T.0.3-23-32	+
4th S.E.	T.0.3-23-32	+

Pulled 7/32 Hole

2 pas

4th S.W.	T.0.3-23-32	+

Walnut Ave

		Replacement
3rd N.W.	T.0.3-23-32	+

Brookes Ave

3rd S.E.	Not 3-23-32	+
1st S.C. S.W.	Not T.0.3-23-32	+
Front N.W.	T.0.3-23-32	+

Pensylvania

1st N.W.	T.0.3-23-32	+
3rd S.E.	Not. 3-23-32	+
4th S.E.	Not. 3-23-32	+
5th S.E.	T.0.3-23-32	+

Robinson

8th N.W.	T.0.3-23-32	Pulled 7/32 Hole	7' ct +
6th N.E.	Not. 3-23-32		7' ct +
3rd S.W	T.0.3-23-32		7' ct. +
1st N.W.	Not. 3-23-32		7' C.T. +

Univ Ave

3rd S.E	T.0.3-23-32		7' C.T. +
4th N.E. S.W.	Not. T.0.3-23-32 cmt. cracked.	Walk Replace no ct +	C.T. E. Line 5th
8th S.E	T.0.3-23-32		S.T. Univ +

Essex St

		Replacement
Vermont S.W.	T.0.3-23-32	T.e.T. set +

Tie Pts. N.

J. St.

7th N.E.		7'	L.T. in L.P. 5-9-32 +
5th N.E		7'x10'	C.T. in L.P. 5-9-32 +
10th S.W		7'	Cover. 5-9-32 +
P.L. Bet 14th + 15th on S. 7' line	C.T.'s J.T.O. 5-9-32		C.T.'s in Curb + N.E. 8'.05 N.W. 8'.00
15th N.W. + N.E.		7'	C.T. in L.P. 5-9-32 +
16th N.W		7'	C.T. L.P. 5-9-32 +

K. St

5-9-32

24th N.W.	Not filled		Cover
13th S.W.		7'	C.T. L.P. 5-9-32 +
9th N.W.		7'	C.T. L.P. 5-9-32 +
6th N.E.		7'	C.T. L.P. 5-9-32 +
5th S.W		10'x 7'	C.T. L.P. 5-9-32 +
4th S.E + N.W.		7'	C.T. L.P. 5-9-32 +

7/32 Hole

L. St

6th N.W.		7'	C.T. L.P. 5-9-32 +
11th S.W.		7'	C.T. L.P. 5-9-32 +
12th S.E + N.E.		7'	C.T. L.P. 5-10-32 +
13th S.E		7'	C.T. L.P. 5-10-32 +
15th S.E. + N.E.		7'	C.T. L.P. 5-10-32 +
16th N.W.		7'	C.T. L.P. 5-10-32 +
19th N.E.		7'	C.T. L.P. 5-10-32 +

Tie Pt. | Replacement.

+ Imperial Ave

	Replacement
24th S.W.	7' C.T. L.P. 5-10-32 +
22nd S.E.	7' C.T. L.P. 5-10-32 +
21st S.E.	7' C.T. L.P 5-10-32 +
14th N.E.	7' C.T. L.P 5-10-32 +
12th S.W.	7' C.T. L.P. 5-10-32 +

+ Sigsby St.

National S.W.	7' C.T. L.P. 5-11-32 +
Newton N.W.-S.E.	7' C.T. L.P. 5-11-32 +

+ Crosby St.

Julian S.E.	7' C.T. L.P. 5-11-32 +

+ Kearney

Marcey N.E.	7' C.T. L.P. 5-11-32 +
Sicard N.E	7' C.T. L.P. 5-11-32 +

+ Island Ave

5th N.W. N.E + S.E.	10' X 7' C.T. L.P. 5-11-32 +
6th S.E.	7' C.T. L.P. 5-11-32 +
7th S.W.	7' C.T. L.P. 5-11-32 +
24th S.E	7' C.T. 5-12-32 +
9th S.W Mon	Tied out - 3-4-37

Replacement.

+ Market

	Replacement
18th St N.W.	7' C.T 3-12-32 +
15th N.W.	7' C.T. 3-12-32 +
12th N.W.-N.E & S.W.	7' C.T.s 3-12-32 +
11th N.W.-N.E	7' C.T.s 3-12-32 +
9th N.W.	7' C.T. 3-12-32 +
5th S.E & S.W + N.E.	7' x 10' C.T.s 5-12-32 +
1st S.W.	7' C.T. 5-12-32 +
Columbia N.W.	7' C.T 5-12-32 +

+ G. St.

India N.W.	7' C.T. 5-13-32 +
2nd N.E & S.W.	7' C.Ts. 5-13-32 +
3rd S.W.	7' C.T. 5-13-32 +
5th N.E.	7' C.T. 5-13-32 +
6th S.W.	7' C.T. 5-13-32 +
7th S.W.	7' C.T. 5-13-32 +
9th S.E.	7' C.T. 5-13-32 +
10th S.W.	7' C.T. 5-13-32 +
12th N.E	7' C.T. 5-13-32 +

+ F. St.

15th S.W.	7' C.T. 5-13-32 +

+ E. St

Columbia S.E.	7' C.T. 5-13-32 +
Front N.E.	7' C.T. 5-13-32 +
2nd S.E.	Did not fill ⊕

Protest 7/32 Hole

61 77 / 61 37

+ E. St

Replacement

2th N.W.	7' C.T. 5-13-32 +
16th N.E.	7' C.T. 5-14-32 +
19th N.E.	7' C.T. 5-14-32 +

+ Broadway

24th S.E.	7' C.T. 5-14-32 +
15th S.E.	7' C.T. 5-14-32 +
13th N.W. S.W. 7' C.T.	7' C.T. + 5-14-32
1st S. 7' line Body W. Line 1st	C.T. + 5-16-32
1st N.W.	7' C.T. + 5-16-32
Front N.W. + N.E.	7' C.T.s 5-16-32 +
Union N.E.	7' C.T. + 5-16-32
Columbia N.W.	7' C.T 5-16-32 +
India N.E	7' C.T 5-16-32 +
Kettner N.E.	7' C.T + 5-16-32

+ C. St.

8th India N.E. N.W. + S.E.	7' C.T.s + 5-16-32
State N.W.-S.E.	7' C.T.s + 5-16-32
Union N.W.-N.E.	7' C.T.s + 5-17-32
1st [illegible]	
12th S.W.	7' C.T. + 5-17-32
13th S.W.	7' C.T. + 5-17-32
18th N.W.	7' C.T. + 5-17-32
19th N.W.-S.W.	7' C.T.s 5-17-32 +
20th N.W.	7' C.T.s 5-17-32 +

Protest 7/32 Hole

+ B. St.

77

25th S.E	7' C.T. 5-17-32 +
21st SW-S.E.	7' C.T.s 5-17-32 +
20th S.W.-S.E	
19th S.W.-S.E	
12th S.E.	7' C.T. 5-17-32 +
8th N.W.-N.E	7' C.T.s 5-17-32 +
Front S.E.	7' C.T. 5-17-32 +
Union N.E.	7' C.T. 5-17-32 +
Columbia S.W.	7' C.T. 5-17-32 +
India N.E.	7' C.T. 5-17-32 +

+ K St

Columbia N.E.	7' C.T. 5-17-32 +
State S.W.	7' C.T. 5-17-32 +
6th N.W.-N.E & S.W.	7' C.T.s 5-18-32 +
7th S.E.	7' C.T. 5-18-32 +
8th S.W.	7' C.T. 5-18-32 +
9th S.E	7' C.T 5-18-32 +
17th N.E	7' C.T. 5-18-32 +
18th N.W.	7' C.T. 5-18-32 +

+ Ash. St

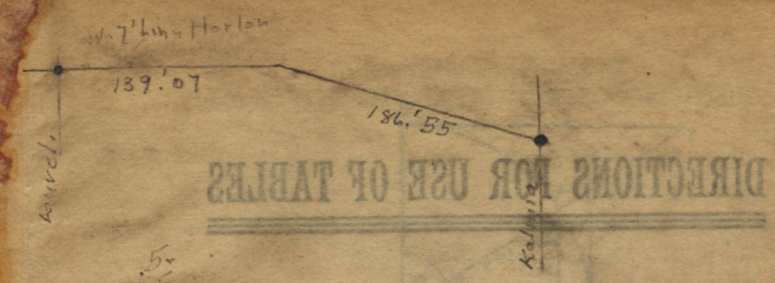
10th S.E.	7' C.T. 5-18-32 +
7th N.E. & N.W.	7' C.T.s 5-18-32 +
Union N.E.	7' C.T. 5-18-32 +
State N.W.	7' C.T. 5-18-32 +

Tie Pt. | Replacement

		Replacement
	+ Beech St. +	
State S.W.		7' C.T. 5-18-32 +
	+ Cedar +	
4th N.W.		7' C.T. 5-18-32 +
3rd N.E.		7' C.T. 5-18-32 +
2nd N.W.		7' C.T. 5-18-32 +
	+ Date +	
2nd S.W.		7' C.T. 5-19-32 +
4th {25' N. of S. Line Park E. 7' Line 6th St.}		C.T. 5-19-32 +
7th {25' N. of S. Line Park E. + W. 7' Lines of 7th St}		C.T.s 5-19-32 +
8th {25' N. of S. Line Park W. 7' Line 8th St}		C.T. 5-19-32 +
8th {10' S. of S. Line Park E. 7' Line of 8th St}		C.T. 5-19-32 +
9th {10' S. of S. Line Park W. 7' Line of 7th St}		C.T. 5-19-32 +
		7' C.T.
India N.W.		5-19-32 +
	+ Elm St +	
		7' x 10' C.T.
5th N.W.		5-19-32 +
	+ Grape +	
1st N.E.		7' C.T. 5-19-32 +
	+ Hawthorn +	
2nd S.E.		7' C.T. 5-19-32 +
3rd S.W. - N.W. + N.E.		7' C.T.s 5-19-32 +
6th N. 7' Line Hawthorn 2R. E. of W. Line Park		C.T. 5-20-32 +
6th N. 7' Line Hawthorn 7' E. of W. Line Park		C.T. 5-20-32 +
	+ Ivy St +	
6th S. 7' Line Ivy. 7' E. of W. Line Park		C.T. 5-20-32 +
6th S. 7' Line Ivy 22' E. of W. Line Park		C.T. 5-20-32 +
3rd N.W. - S.W. + S.E.		7' C.T.s 5-20-32 +

Replacement

		Replacement
	+ Juniper	
Columbia SW-S.E.		7' C.T.s 5-20-32
State N.W. 10' Tie out. To W.		C.T 5-20-32 +
State S.W + S.E.		7' C.T.s 5-20-32 +
Union S.W.		7' C.T. 5-20-32 +
Curlew N.E.		7' C.T. 5-20-32 +
	+ Kalmia	
6th S.W.		7' C.T. 5-21-32
Albatross N.E.		7' C.T. 5-21-
Albatross N + S. 17' Lines Kalmia W. 7' Line Albatross		C.T.s 5-21-32
India S.E. + S.W.		7' C.T.s 5-21-32 +
	+ Laurel +	
Union N.W.		7' C.T. 5-23-32 +
Horton N.W.		
W. 7' Line Horton Bet. Kalmia + Laurel		
Curlew N.E.		7' C.T. 5-23-32
Brant N.W.		7' C.T. 5-23-32
Albatross N.W.		7' C.T. 5-23-3
4th N.E.		7' C.T. 5-23-32
6th N.W.		



IMPROVED TABLES AND INFORMATION