

Golden Hill.

Return to City Engineers Office  
Long Pass San Diego Cal

66

TRANSIT

398

6

TRAVERSE TABLE <sup>1964</sup> TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0	99.98	1.75	100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	3.49	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	5.23	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	6.98	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	8.72	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	10.45	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	12.19	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	13.92	99.20	12.63	99.14	13.05	99.09	13.49	82
8	99.03	15.64	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	17.36	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	19.08	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	20.79	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	22.50	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	24.19	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	25.88	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	27.56	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	29.24	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	30.90	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	32.56	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	34.20	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	35.84	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	37.46	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	39.07	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	40.67	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	42.26	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	43.84	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	45.40	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	46.95	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	48.48	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	50.00	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	51.50	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	52.99	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	54.46	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	55.92	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	57.36	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	58.78	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	60.18	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	61.57	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	62.93	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	64.28	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	65.61	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	66.91	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	68.20	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	69.47	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	70.71	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71		70.71						

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*Return to City Engineer's  
Return to City Engineers Office  
City Hall, San Diego, Cal.*

*Office - City Hall - San Diego  
California*

**Crocker Quality**

**TRANSIT BOOK**



No. \_\_\_\_\_

MANUFACTURED BY

**H. S. CROCKER CO.**

SAN FRANCISCO AND SACRAMENTO  
CALIFORNIA

LORING & CO., AGENTS.  
762 FIFTH STREET,  
SAN DIEGO, CALIFORNIA

Survey of 27th St Bet I & K 576 2-28-01

Lockwood  
Evans  
Forward.

Grant Hill Drive

Hub tacked

Hub tacked

Hub tacked

old hub tacked

old hub tacked

POSTED

120

27th St. 640.3'

New line St

old time street

Public line

I → 660.3'

203

416.5

72.8

142.7

20.00

26.02

70'

50'

→ 135

57

old hub

POSTED

Langley St

120

120

125

15

125

128 1/2 St

Grant Hill

259.2

old part

265.2

old spike

K

57

5 Hatch  
7 Moore  
08 Deziel

Curb Grades

For Lots 3, 4, 5, 6, 7, 8, 9, 10 & 11, BIK 77,  
East San Diego Add.

T. A. Jennings

owner  
contr

Permit 3416

73985 BM 30<sup>H</sup> - h. NE Phon Bldg  
591  
79.895  
4.69  
75.255 BM SW Ever Bldg 30<sup>H</sup> NE  
3.825  
79.5815

6 stakes

Lots 12-13 & 14

74.17	74.33	74.0	
4.21	4.55	4.81	status
73.17	73.00	72.83	72.67
5.71	5.88	6.05	6.21

77.8314  
7467 7423 740 7367 7333 7310  
3.16 3.50 3.82 4.16 4.50 4.83  
7267 7233 7217 7317  
5.16 5.50 5.66 4.66

Checked 5/21 Hatch  
08 Moore  
Somewhat low -

N

POSTED

1

29<sup>th</sup>

St

24	71.0	
23	71.33	
22		
21	71.67	
20		
19	72.0	
18		
17	72.33	
16		
15	72.67	
14	72.83	
13	73.0	
12	73.17	
11	73.33	.12 low
10		
9	73.67	0.1 low
8		
7	74.0	0.05 low
6		
5	74.33	
4		
3	74.67	
2		
1	75.0	

set for 77  
Jennings  
Permit 3416  
taken out later

30<sup>th</sup>

St

St

# Curb Grades

For Lots 45, 46, 47 & 48. BIK 78

29th

St.

Seaman & Choate's Add.

72.0

J. W. Brady owner  
Forrester & Lynch contrs

blwy  
Taylor  
Orange

Permit 3430

Bm. SW cor 30th & 4th in E. Side

75.25  
4.00

75.00 74.75 74.50  
4.25 4.50 4.75

4 Status May 9 08

78.88 NI 74.50 74.75 75.00  
4.38 v 4.13 v 3.81 v

CHK  $\frac{5}{14}$  } done  
08 } done  
Correct:

25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
74.50
45 43.05
74.75
46 "
75.00
47 "
48 "

18

30th

St.

S

S

5  
12 } Lamin  
01 } Lamin  
01 } Growth

POSTED

Curb Grades

For Lots 36, 37, 38 & 39, BIK 78

29<sup>th</sup>

St

Seaman & Choates Add.

Mrs. S. Sniff

owner

Forrester & Lynch

contrs

Permit 3434

B.M. 75.25 Spk in light pole in Woodland St.  
3.63

78.88141	73.88	73.62	73.38
	5.00'	5.26'	5.50'

77.83

2 steps

73.28	73.62	73.88
4.95'	4.21'	3.95'

checked 5/21/08 (total more)

72.0

25
26
27
28
29
30
31
32
33
34
35
73.25
73.38
73.5
73.62
73.75
73.88
74.0

4313

78

75.0

30<sup>th</sup>

St

St

St

5 } Davis  
 14 } Downman  
 08 } Galtath

POSTED 4

Curb Grades

For Lots 30 & 31, BIK 78

29<sup>th</sup>

St.

Seaman & Choates Add.

Mr. Weaver owner  
 Forrester & Lynch Contrs

72.0	25
72.25	26
	27
72.50	28
72.63	29
72.75	4313 30
72.88	" 31
73.00	

Permit 3439

75.25 BM. S.W. 30<sup>th</sup> & M  
 363  
 78.88 H. 72.88 72.63  
 6.00 6.20

78

77.83 72.88 72.63  
 4.95 5.20

Checked ok <sup>5</sup> G. Habel  
<sub>21</sub> E. J. Moore  
<sub>28</sub>

75.0

30<sup>th</sup>

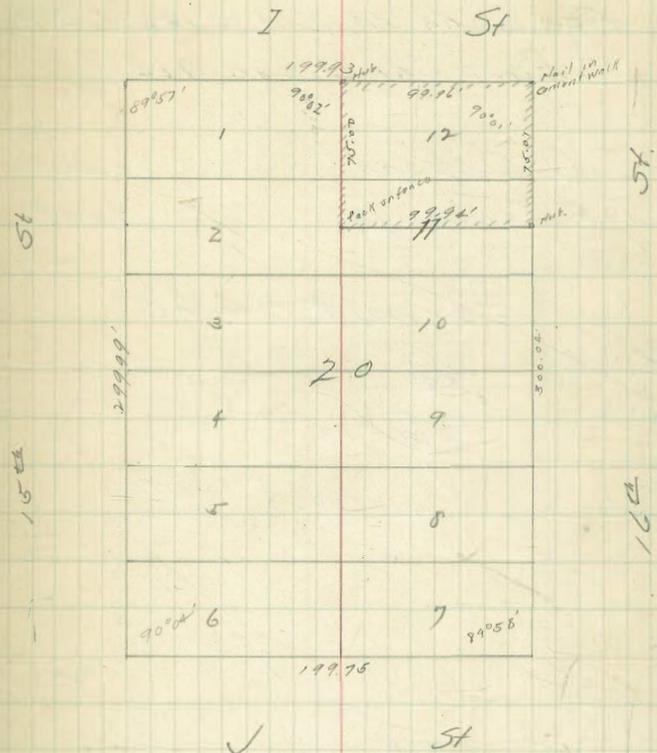
St.

St.

St.

$\frac{5}{14}$  } Sam  
 or } Loma  
      } Lacheth

Survey of Lot 12 and No 2 of Lot 11  
 Block 30 Sherman's Add  
 Surveyed for Sanyan Laundry Co





$\frac{5}{18}$   
 $\frac{18}{08}$

Hatch  
 Williams  
 Moore

Curb Grades

For Lots 12, 13, 14, 15, 16, 17, 31, 77 29<sup>th</sup>

East San Diego Add.

J. D. Dobson owner

T. A. Jennings contr

Permit 3443

73255

$\frac{236}{77615}$

$\frac{7267 \quad 7233 \quad 7217}{494 \quad 528 \quad 544}$

2 stakes

75255

$\frac{258}{79835}$

checked  $\frac{5}{21}$  Hatch  
 $\frac{08}{08}$  Moore

POSTED

6

ST

24	71.0
23	
22	
21	
20	
19	72.0
18	72.17
174315	72.33
16 "	
15 "	72.67
14 "	
13 "	73.0
12 "	73.17
	73.33

77

75.0

30<sup>th</sup>

ST

ST

ST

Survey of 29th St & K 5th & 28th

5 Watch  
21 William  
08 Moore

Curb Grades  
For Lot 24, Blk 44,  
Chas. Hensley's Add.

W. M. Bannister owner  
Forrester & Lynch contrs

Permit 3453

5979 3 Bm Sph 17 Pole 11 St-524<sup>A</sup>

$\frac{743}{67.22} 147$       $\frac{616}{562}$     $\frac{620}{522}$     $\frac{625}{472}$     $\frac{630}{422}$     $\frac{6308}{487}$

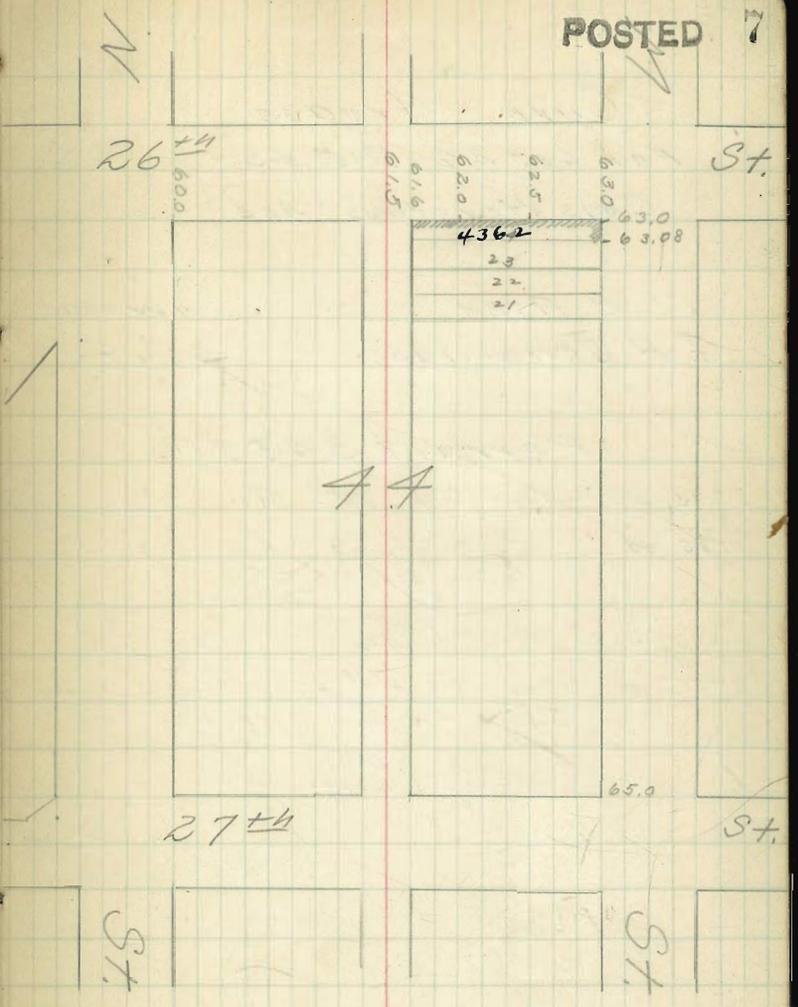
$\frac{62.0}{4.95}$      5979     6 Stakes  
 $\frac{7.65}{67.95} 147$       $\frac{6160}{5.84}$     $\frac{6200}{5.44}$     $\frac{6250}{4.94}$     $\frac{6300}{4.44}$     $\frac{6308}{2.34}$

Chk  $\frac{6}{51}$  } Davis  
             } Dennis

Note: Surplus dirt thrown in street.

Cert. # 4362

POSTED





5  
27  
08  
Hatch  
William  
Crown

Curb Grades

For Lots 25, 26, 27 & 28, BIK 42.

Chas Hensleys Add.

Cochran owner.  
Jennings contr.

Permit 3469

62.95 BM SW 7 tack 26<sup>th</sup> M.

541  
71.56  
71.31  
70.05  
535  
75.6049

71.70 M  
170  
70.00 TP  
5.26 H  
75.26 H

71.0 21.52 22.8 22.0 23.0 23.5  
400 416 352 360 360 150

7 stakes

72.08 21.54 21.0 22.0 23.0 23.0  
3.18 2.72 4.20 3.20 2.20 1.46

Chk 6/27 { Davis  
10/27 { Dennis

New Halls corner, out graded with 11 pins

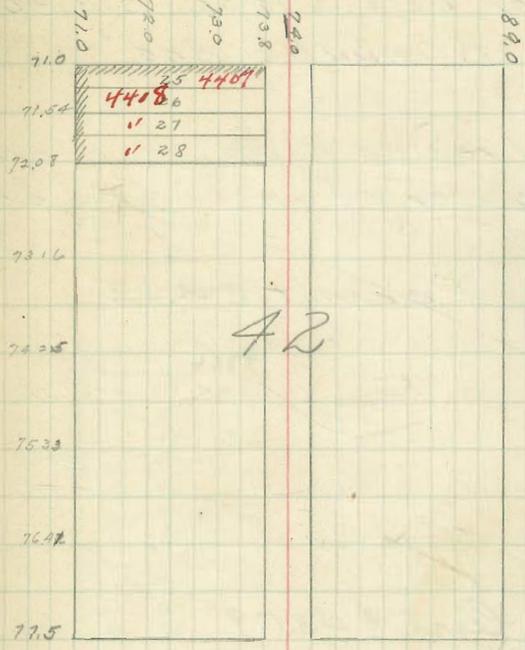
POSTED

2.50 26  
1.00 20  
3.50

POSTED

9

26<sup>th</sup>



27<sup>th</sup>

St.

St.

St.

18 K 36 2-28-01

Curb Grades  
 For Lots 37 & 38, BIK 20,  
 Kimball's Add.

Sylvester Kipp owner  
 Forrester & Lynch contrs

Permit 3472

87.79  
 1.25  
 89.04

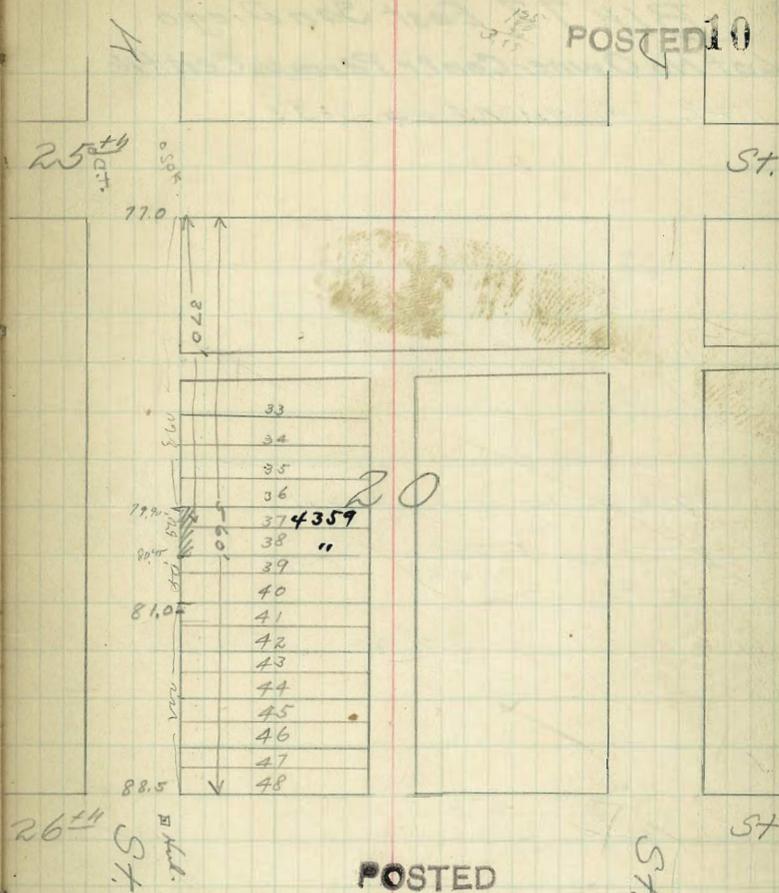
79.20  
 7.14

80.45  
 8.09

Checked 6/16 June 6 by Blough

cert # 4359  
 6/8/08

POSTED



POSTED

ST.

2-28-01  
78-25 B.M. Spk. pile S.W. 30 x 11.

# Blk 77, East San Diego

Lot No Owner Contr Perm No Certif No

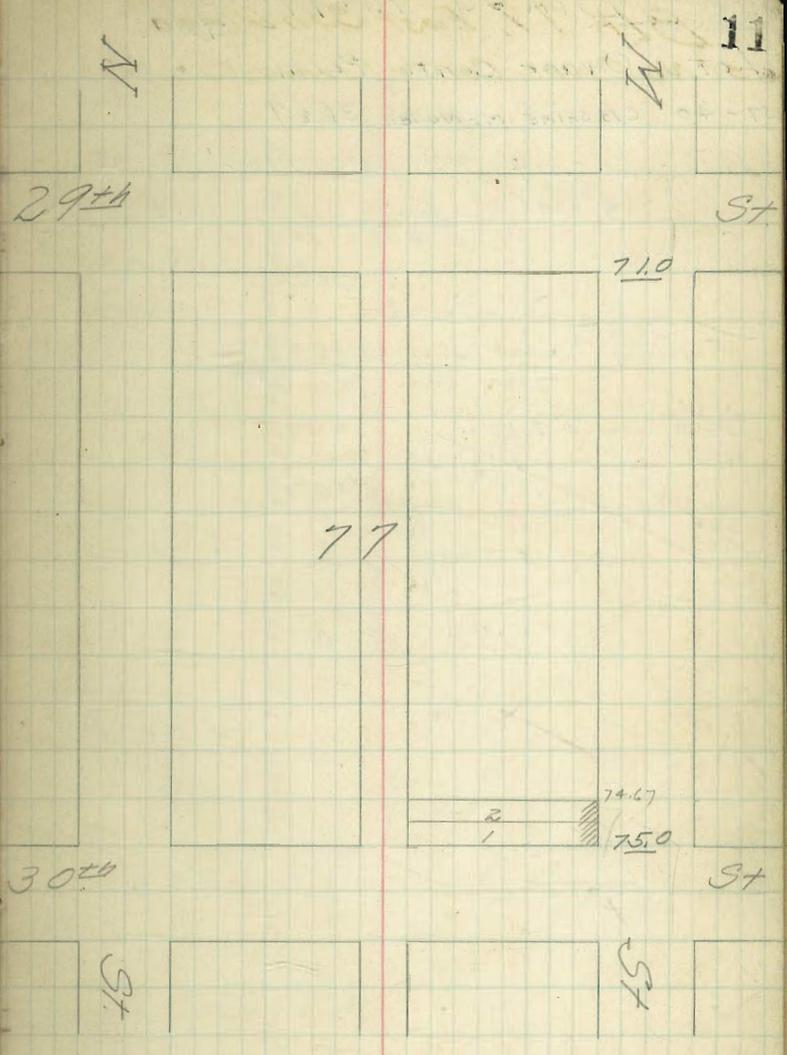
1 & 2 Johnston T.A. Jennings 3637

78.25	B.M. Spk. pile S.W. 30 x 11.
4.42	
<u>79.67</u>	Mt.

75.00	74.67
4.67	5.00

I	Davis
II	Dennison
at	William

2 stakes - Return stake at A



No Return.

9 Hatch  
25 Moore  
87 Church

# BIK 30 Higgin's Add.

Lot Owner Contr Perm

37-40 C.B. SHIME M.F. Mullen 3667

1824 305.219 NE Spk in Pole 26<sup>th</sup> A

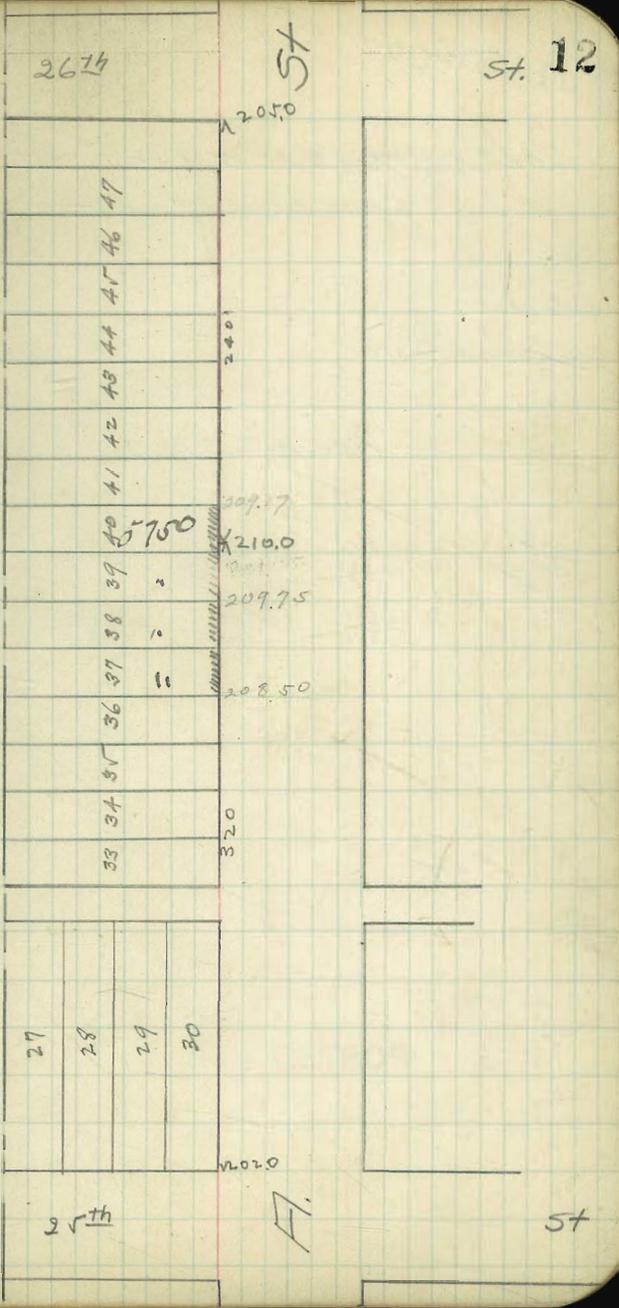
8031	209.17	210.0	209.75	208.50
213.247	4.85	3.25	3.50	4.75

1 stake

2007.22 Spk Pole NE 26th & A.

7.07	212.29	212.28	212.29	212.28
11212.29	9.17	10.10	9.75	9.69
	3.12	2.29	3.54	3.79

O.K. Roman & July



Lots 29, 30, 31, 32, 33, 37, 38, 43 & 44, BIK 43

Chas Hensley's Add.

Various

owner

Serrano + Foster

Contis

Permit 3723

N.E. Brs Plg. 26<sup>th</sup> + N. 63.923

63.92	64.25	64.37	64.50	64.56	64.75
4.55	4.22	4.10	3.97	3.91	3.78
68.47					

64.82	65.12	65.25	65.25	} Whiteloy Taylor Churchman
3.65	3.35	3.22	3.22	

7 stakes

63.92 Bm.	64.25 ✓	64.37 ✓	64.50 ✓	64.56 ✓	64.75 ✓
4.70	4.27	4.10	3.97	3.91	3.78
68.67					

74.15 ✓	64.82 ✓	65.12 X	65.25 ✓
4.07	4.07	3.70	3.57

Checked OK Nov 7 08

Blount  
Walter

POSTED

N

7

26<sup>th</sup>

St.

64.0

25

26

27

28

64.25

46019

64.37

11 30

" 31

64.50

46030

64.56

11 33

34

35

64.75

36

43

4603

64.82

11 38

39

65.00

40

41

65.12

42

46043

65.25

11 44

45

46

47

65.5

48

27<sup>th</sup>

St.

St.

St.



5 miles of 27th St. Bet I & K 5.5 2-28-01

$\frac{11}{5}$  Hatch  
 $\frac{5}{05}$  Moore  
Deziel

Lots 19+20, BIK 46 Sherman's

A.H. Kurth owner  
Otto Malmgren

Permit 3741

54975 NE 24<sup>th</sup> N.  
 $\frac{512}{60.875}$   
5498  
 $\frac{405}{57.03}$   
 $\frac{56.5}{253} - \frac{55.96}{328}$

check of  $\frac{11}{05}$  Hatch Moore

0.85 W 58.0

$\frac{3.6}{52.75}$

POSTED 14

N

N

22<sup>nd</sup>

St.

57.0

32
31
30
29
28
27
26 46
25
58.0
24
23
22
21
56.00
20 46 10
19 "
55.75
18
55.0
17

24<sup>th</sup>

St.

St

St

11 1465  
 5 Moore  
 88 Deziel

Lots 41 & 42, Blk 43, Chas Hensley's Add.

Cama Mullen owner  
 Otto Malmgren contr

Permit 3740

63723 NW 26<sup>th</sup> NC

550  
 29224  
 6392  
 898  
 6790 Kt  
 6512  
 278  
 270  
 480  
 430  
 442  
 6.10  
 2902

Check ok  $\frac{11}{16}$  Hatch  
 88 Drive

POSTED

POSTED 15

26<sup>th</sup>

St.

640

- 25
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41 46 11
- 42 "
- 43
- 44
- 45
- 46
- 47
- 48

43

650

6512

6555

27<sup>th</sup>

St.

St.

St.

Survey of 27th St. Bet 1st & 2nd St.

11 Hatch  
 6 Moor  
 58 Degrad

56' on M St.  
 140' on 24th St.

Lots 17 & 18, BIK 46, Sherman's

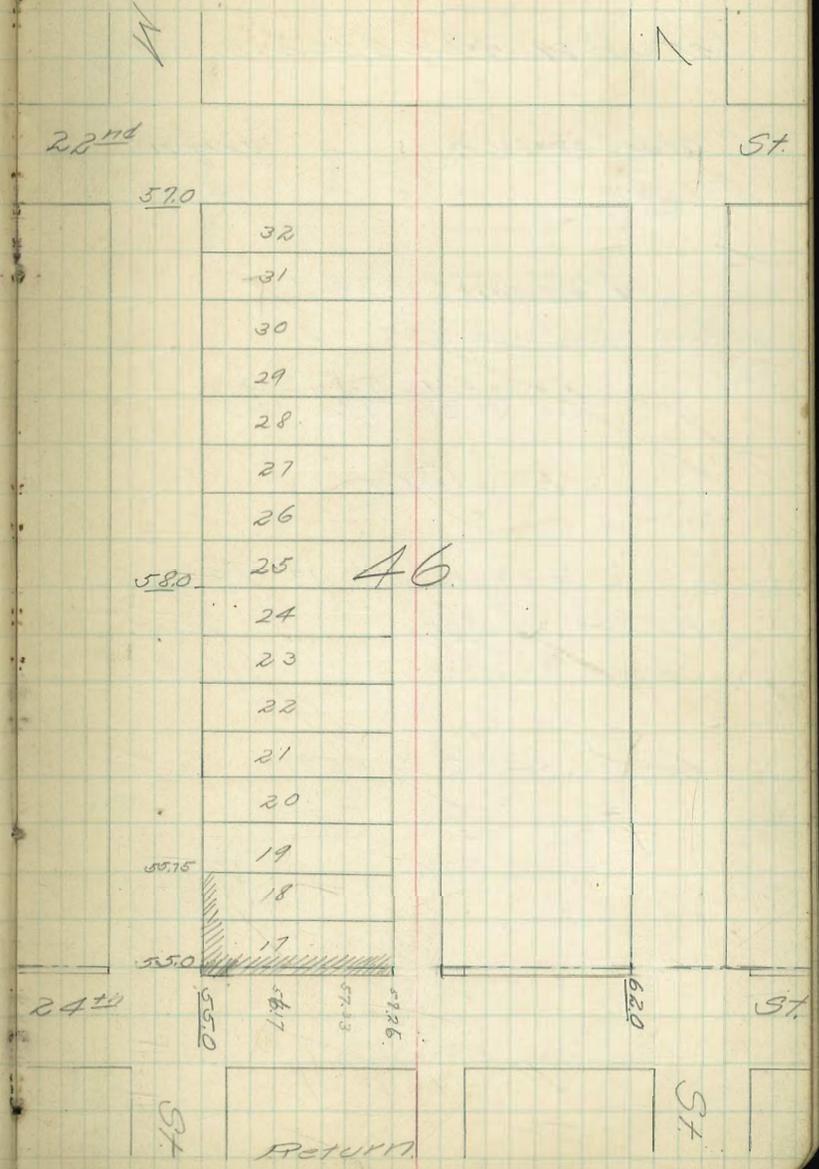
Mrs Louise Cordes owner.  
 Brockway & Swarstad contr.

Permit 3742.

5775	15	56.17	57.93	5826
566	5	9.83	2.67	1.74
5995				
60.00				

5 stakes

233  
 932  
 716  
 61166  
 18  
 20



1/2 Hatch  
20.00  
08 Deziel

Lots 25 & 26, BIK 43, Chas. Hensley

Clara Johnson owner  
A. Lara contr

Permit 3783.

63.923 NW 1/4 (Brass) 26<sup>th</sup> 1/4.

4.41  
88.443 #

64.0 65.0 66.0 66.8 64.13  
4.44 3.44 3.44 3.64 4.31

6 Stakes

Lots 21 to 24 inc. BIK 43 Chas. Hensley

Nathan A. Eaton owner  
Serram and Foster Contrs.

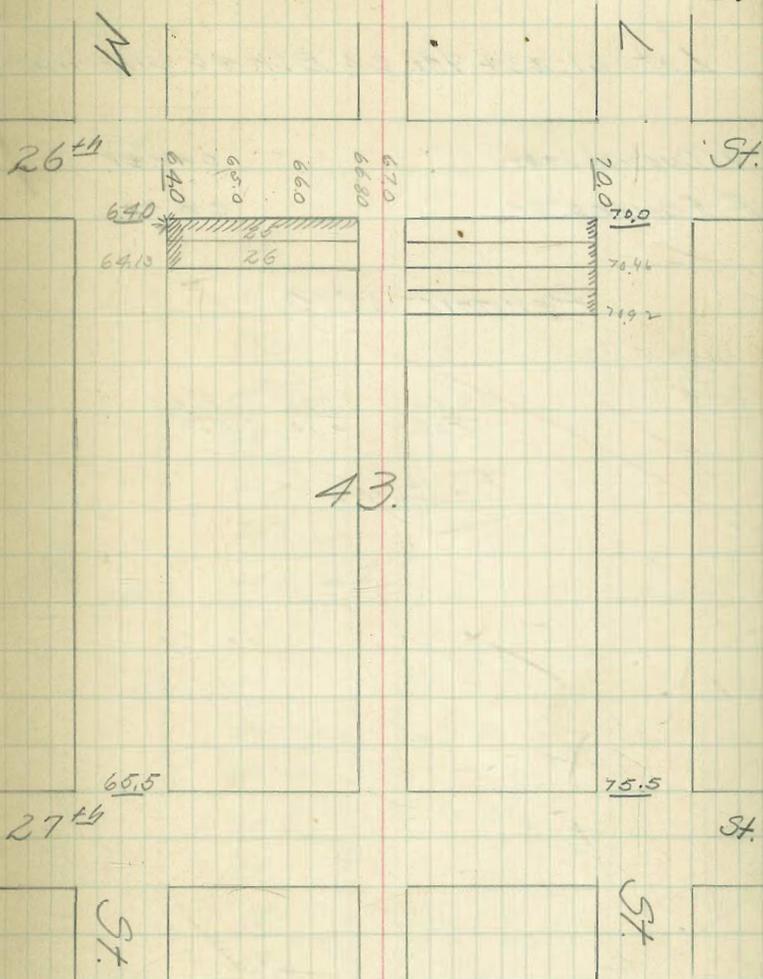
639v Brmuth Permit No. 4521

8.15  
7.07  
2.15  
69.9v  
4.80  
74.7v

78.00 ✓ 70.46 ✓ 76.80 ✓  
4.72 4.26 3.80

2 Stakes

7 Abough  
23 DeLine  
10 Rogers



RETURN.

5 miles. of 29th St. Bet 7 & K 56 2-28-01

12 Hatch  
9 Moore  
28. Dejal

Lots 21, 22 & E 1/2 23, BIK 46, Shermans

L. Overshiner owner  
F. Forrester contr.

Permit 3810.

54,975 Bm  
7  
61,98

56.50    57.25    57.44  
5.48    9.73    4.54

5 stakes



18

22<sup>nd</sup>

St.

570

	32
	31
	30
	29
	28
	27
	26
580	25
	24
5744 5725	23
	22
5650	21
+ 20	
+ 19	
+ 18	
+ 17	

46

55.0  
24<sup>th</sup>

St.

St

St



Survey of 27th St  
 Bet I & K 36  
 2-28-08  
 Lockwood  
 6111

$\frac{12}{28}$   
 $\frac{18}{58}$   
 Hatch  
 Moore  
 Deziel

Lots 15 & 16, B/K 63 Sherman's

J.E. Bradley owner  
 Brown & Marshall contr

Permit 3855

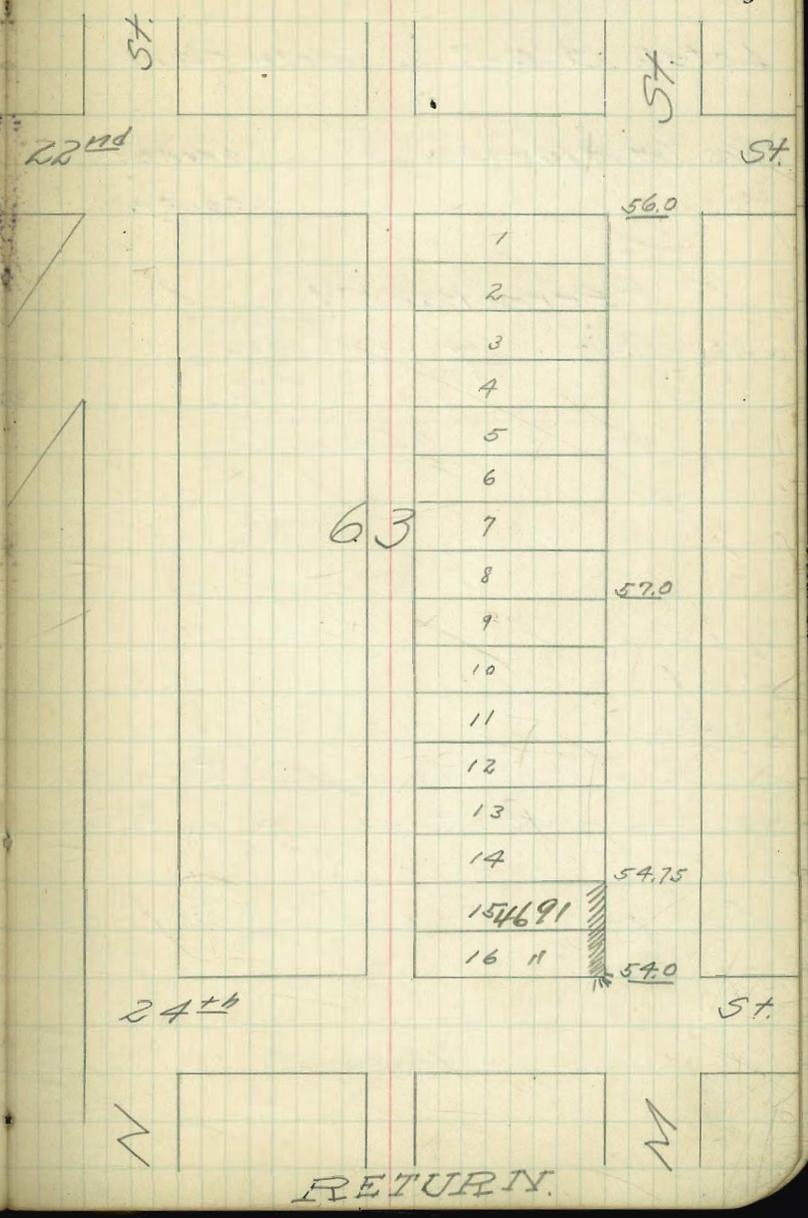
$\frac{579.75}{329}$   
 $\frac{59.0}{426}$   
 $\frac{57.25}{351}$   
 $\frac{54}{373}$   
 $\frac{52.09}{674}$   
 $\frac{54.75}{608}$

2 stake

Checked  $\frac{1}{23}$  Hatch  
 $\frac{29}{29}$  Moore

53 2' walk + curb laid.  
 about 5.7' remaining to be laid to line of 24th  
 no return laid. (marked 12-08)

POSTED 20



RETURN.





12 Hatch  
31 7100  
28 Deziel

Lot 4, BIK 151 Horton's

F.W. Parker

owner

Hercules Co

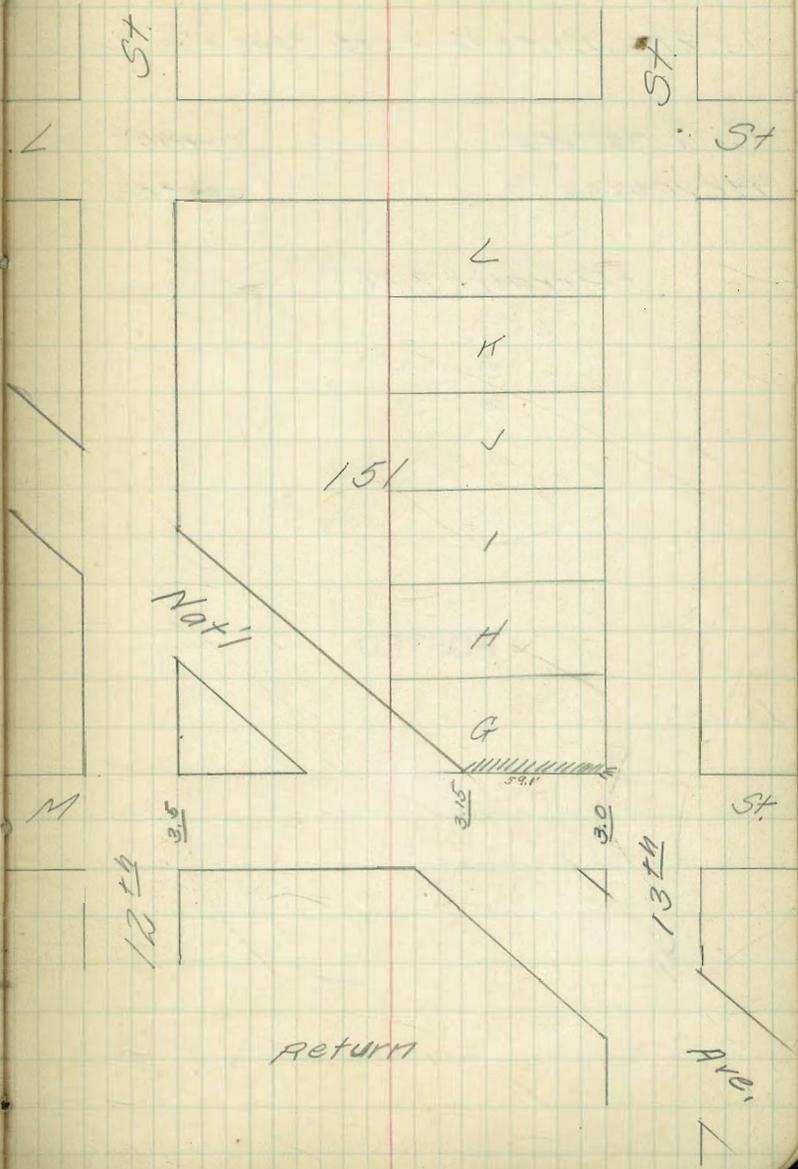
cont'rs

Permit 3867

12979  
3141  
1512  
19  
612  
273  
884

20 310  
582 569

3 Make



5 miles of 29th St. Bet 7 & K 36 2-28-01

Lots 27+28, B1K 43, Chas. Hensleys.

C. G. Harvey owner  
Hercules Co contr

Permit 3868.

Between Curb -  $\frac{12}{31}$  Hatch  
Check  $\frac{2}{100}$  Hotel  
 $\frac{1}{100}$  3 more

grade and line ok.  
no name or date.

POSTED

POSTED 23

St.

St.

26<sup>th</sup>

St.

64.0

25

64.13

26

27 1/2 701

64.25

28 "

43.

65.5

27<sup>th</sup>

St.

M

V

12 Hatch  
31 Mary  
or Dyer

Lot 22, BIK 44, Chas Hensley's

Mamie Weber owner  
Hercules Co contr

Per mit 3869

6295 1831 SW 7 lach 26<sup>th</sup> 6316 6324  
670  
6915-142 stake 599- 591-

6392  
412  
67,06

6316 6324  
390 382

check 2 Hatch  
04 wood  
grade line OK  
no name or date

POSTED

POSTED 24

ST

ST

26<sup>th</sup>

ST

630  
24  
23  
224702  
21 6316  
6324

44

27<sup>th</sup>

650

ST

N

N

1/2 Hatch  
1/29 Knowl  
Dejul

Lots 22, 23 & 24, BIK. 77. Geaman + Choate

Mrs. Bliel

owner.

Serrano + Foster

cont'rs.

Permit 3882.

1525 BM 30<sup>4</sup> M.

207	71.0	71.33	71.50
77.32 M	531	4.98	4.81
682			
7151			
7481			
7631 M			

3 stakes

715	71.25	71
430	681	480
25.85		

Chuck. 1/2 Hatch  
1/29 Knowl

curb and walk carried 14' west  
of west stake - level

30<sup>4</sup>

N

N

311  
7293  
711

352  
71.50

447 125  
3625 7017  
3750  
2623  
71.50

POSTED 25

29<sup>4</sup> St

425  
666  
2550  
2550  
2550

+ 16  
16

St

St

Acad's Central  
Add

Pueblo

Line

468324

" 23

" 22

21

71.0

71.33

71.50

77

75.0

St

21 } DAVIS  
 09 } DENMAN  
 } WILLIAMS

Lots 47+48, BIK 43, Chas Hensley.

F. Gouteroux { owner  
 { contr

Permit 3900.

65.689 NW 37 M Spk pole  
 5.31  
 70.99 141 65.50 65.38 65.25 65.12 65.00  
 5.49 5.61 5.74 5.87 5.99  
 -0.09

1 stake

65.689 65.5 65.38  
 443 9.62 4.74  
 70.12 9.90 4.52  
 .08 low .08 low  
 Checked This joins other curb.

Lots 39+40, BIK 43, Chas. Hensley Add  
 Sylvester Kipp owner  
 D. L. Olsen contr  
 Permit 4758

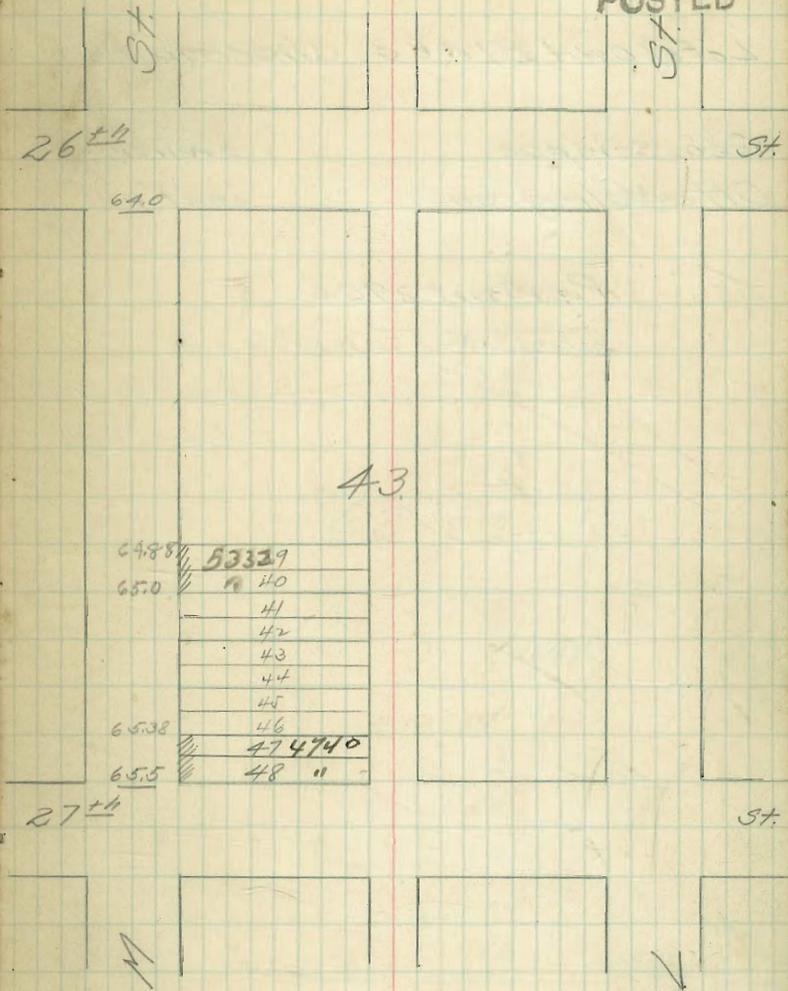
B.M. R.R. Spk. NW Cor 27+ M 65.69  
 38.4 69.53  
 29.53 64.88  
 65.00 4.65  
 4.53

11 Shaw  
 30 Evans  
 10 Tichonov  
 Checked between curbs already in

65.69 B.M.  
 4.13  
 67.82  
 65.00  
 4.92  
 64.88  
 9.94

Checked OK brought down  
 12, 7, 10

POSTED 20



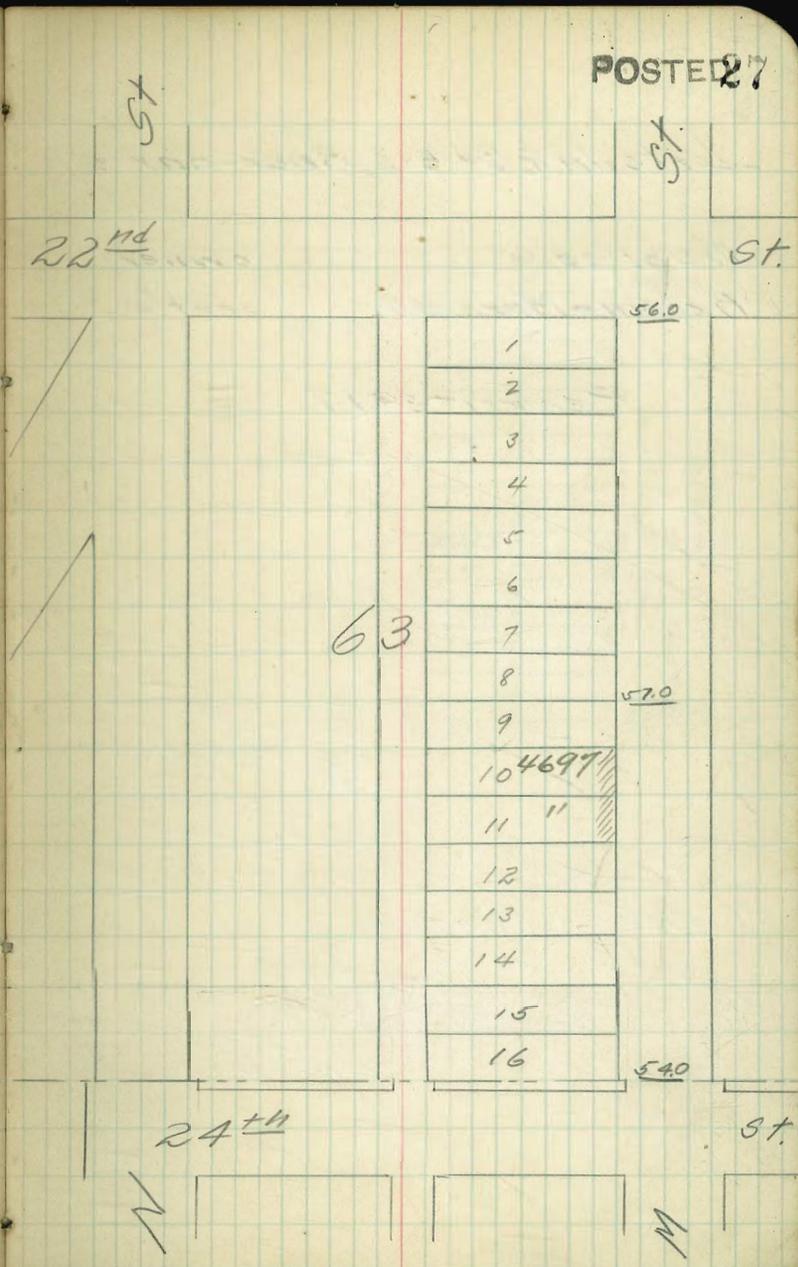
No Return.

Watch  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
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91  
92  
93  
94  
95  
96  
97  
98  
99  
100

Lots 10+11, BIK 63 Sherman's

Geo Scripps owner  
Otto Malmgren cont'r

Permit 3902,  
Between Curb  
checked OK Jan 30 09  
belong to



$\frac{3}{109}$  Hatch  
Mood  
Deziel

Lots 7+8, BIK 3, Reeds Central.

Mueller owner  
Brown + Marshall contr

$\frac{7100}{7658}$  Permit 3917

$\frac{7339}{3,19}$   $\frac{7247}{3,11}$

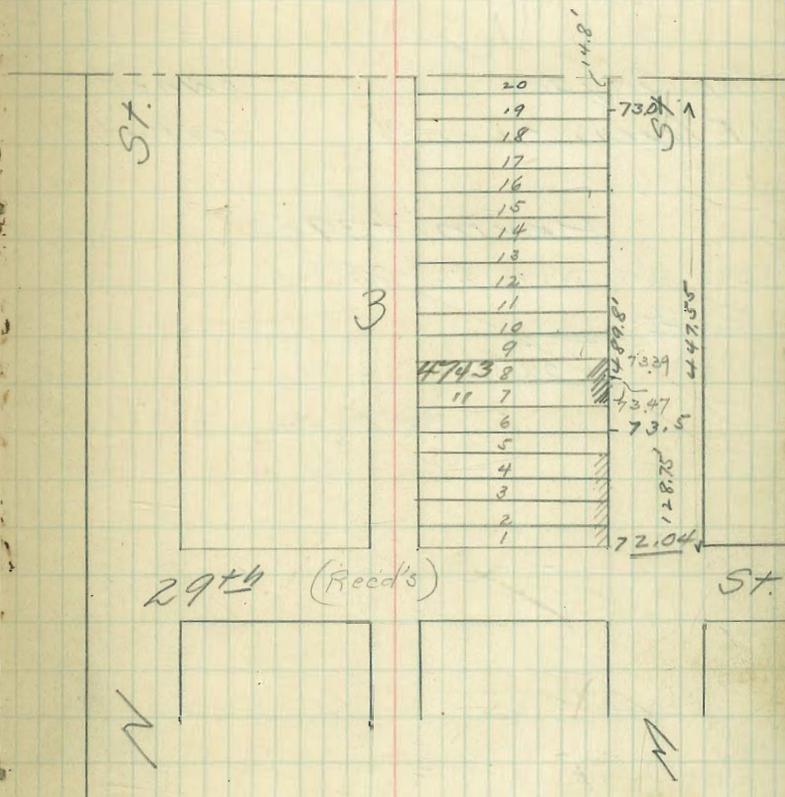
2 stakes

$\frac{7100}{627}$   $\frac{7339}{488}$   $\frac{7247}{4.00}$

OK. Chucked  $\frac{3}{109}$  Hatch  
Mood

Lots - 1 to 4 (inc) BIK 3 Reeds Central  
Owner PORTER  
Contr O. WILLIAMS  
Permit 35583

28



2 Hatch  
1 Front  
29 Deziel

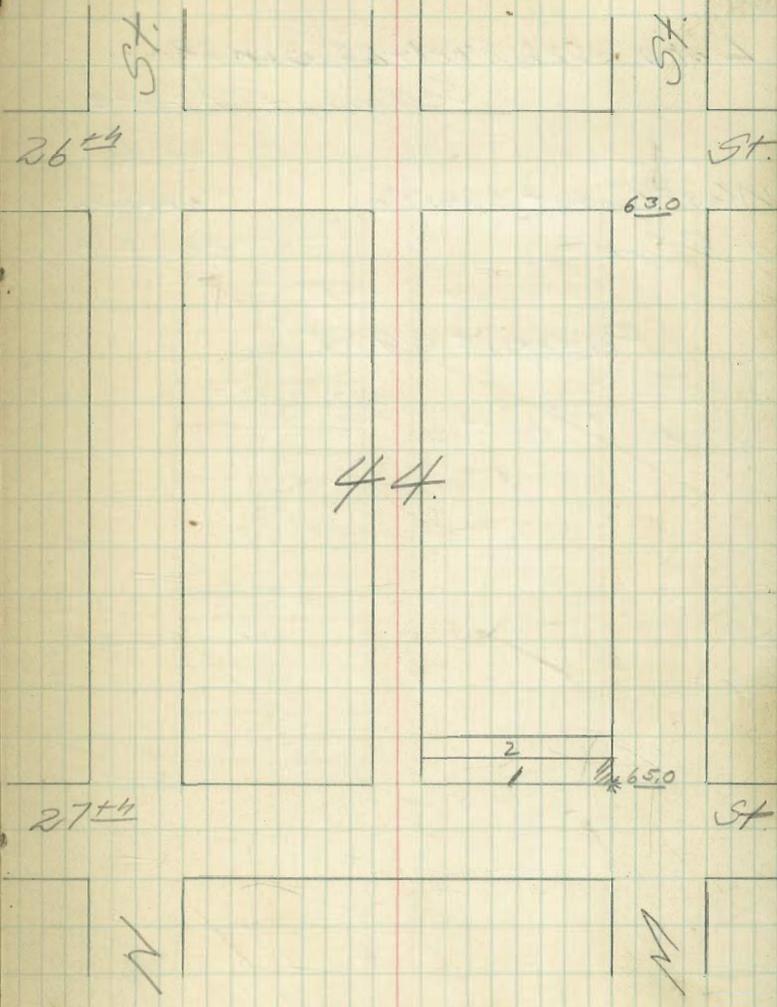
Chas Hensley  
Lot 1, BIK 44, Lincoln Park.

Jno. Snyder owner.  
J.F. Over contr.

Permit 3920.

6392 on NW 26<sup>th</sup> M

602  
70.12 ft  
650  
3.74  
2 Stake



Return



2 Hatch  
1 Trawl  
29 Degul

Lots 25, 26, 27, 28 + 29, BIK 78,  
Seaman + Choate.

West Coast Lum. Co

J. F. Oyer

owner  
cont'r

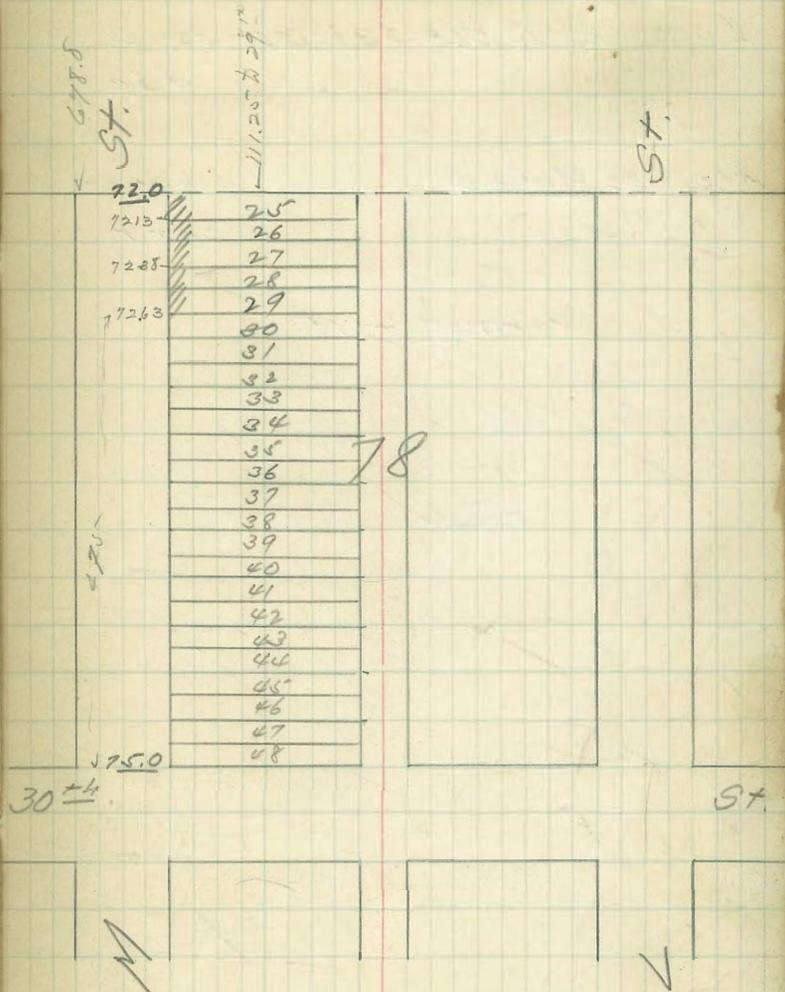
Permit 3919.

71.00 Stake  
538 720 7218 7288 7363  
7658 438 445 420 395

3 stakes

Pl. bet 28<sup>th</sup> - 29<sup>th</sup>

30



Bet 7 & K 56 2-28-01

5 Hatch  
28 Moore  
09 Thomas

Lots 32+33, Blk 78, East San Diego  
Add'n

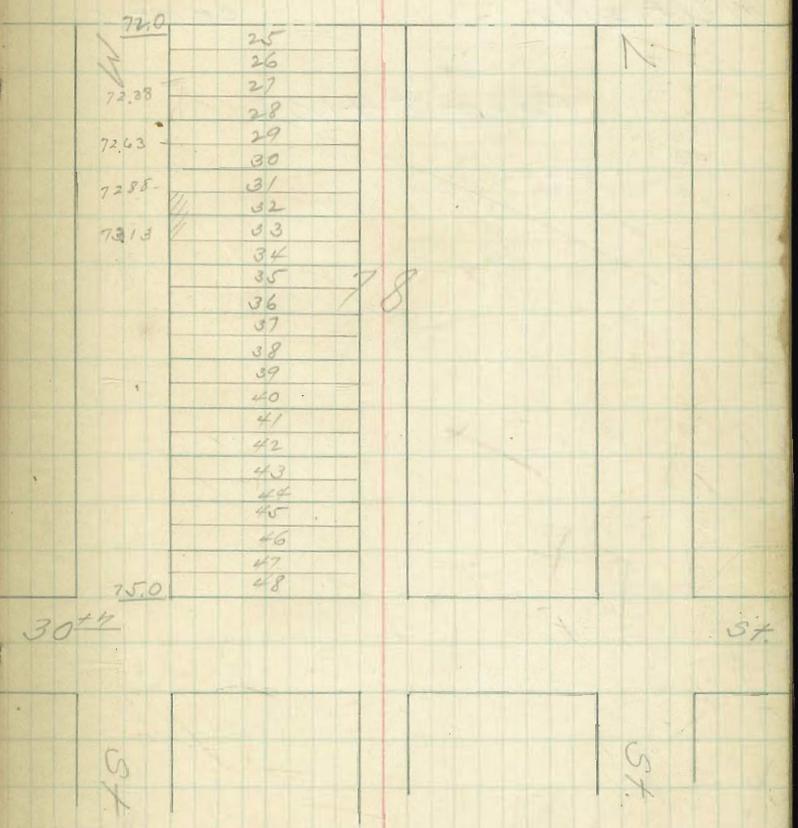
Richard Roland owner  
M. O'Reilly cont'r

Permit 4115;

7254 Bm 27<sup>th</sup> M.  
375  
7659 See P 30.

7255 7313  
371 396

1 Stake



Survey of 297751, Bet I & K 56 2-28-08

6 Hatch  
1000000  
29  
19  
19

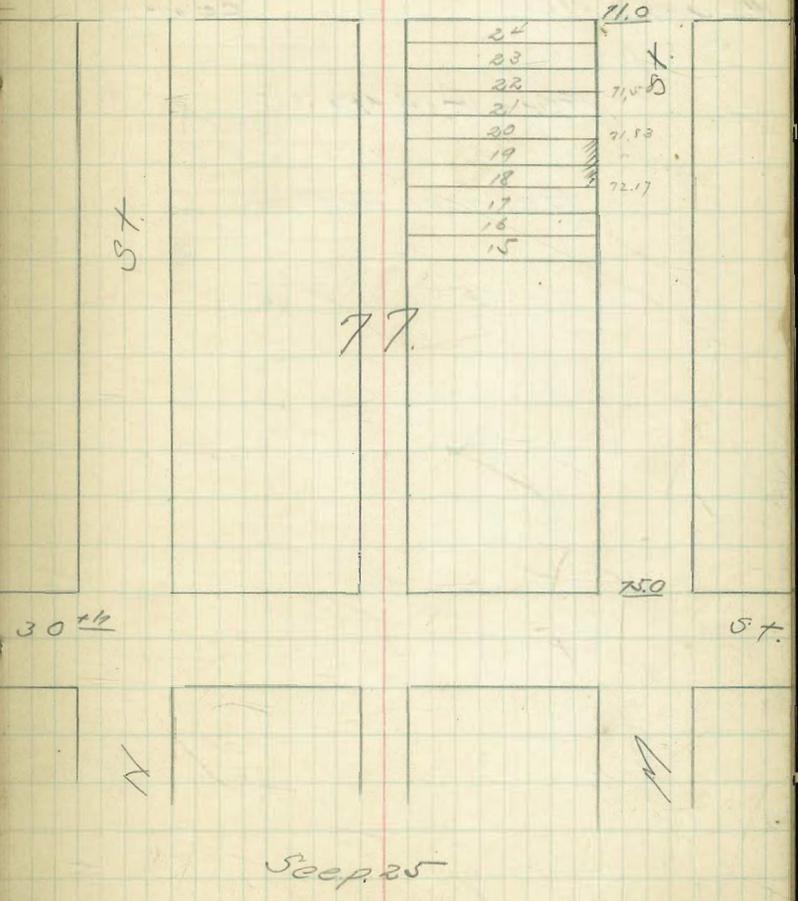
Lots 18+19, B1K77, E. San Diego.

Kirby owner  
M O'Reilly cont r

Permit 4127.

7150		
410	7183	7217
7564	351	3472

Stake



6/58

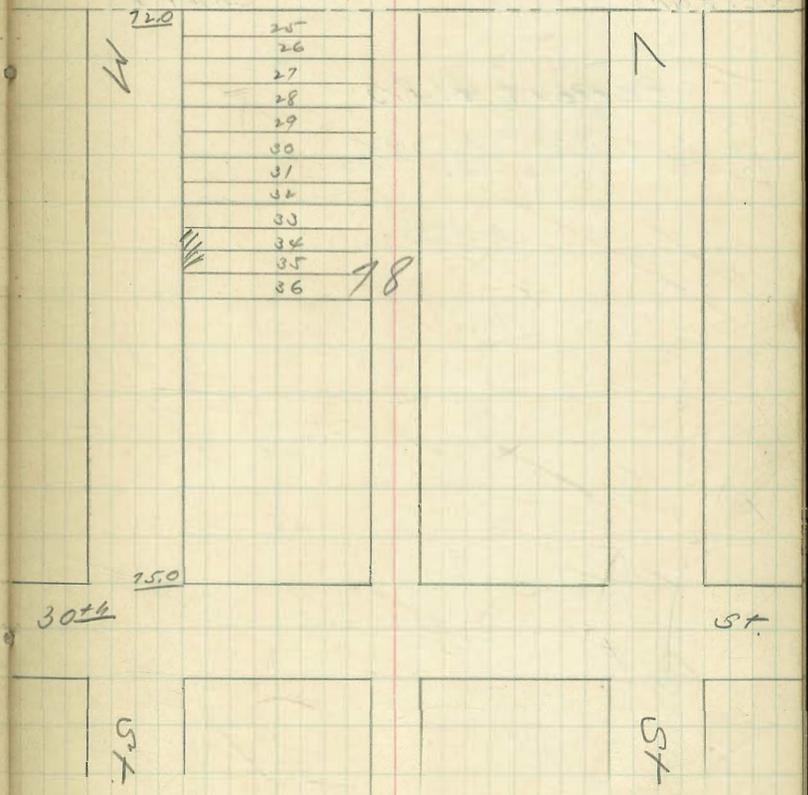
32 1/2

Lots 34 & 35, BIK 78, Power's

So. Trust & Savings Bank  
A. Lara

owner  
cont'r

Permit 4137,  
(6/9 '09)  
Between Curbs.



8 Hatch  
5 Moore  
29 Thomas

Lots C & D, B1K 8, NW Hensley

E Cassie

owner

Serrano + Foster

cont'r

Permit 4180

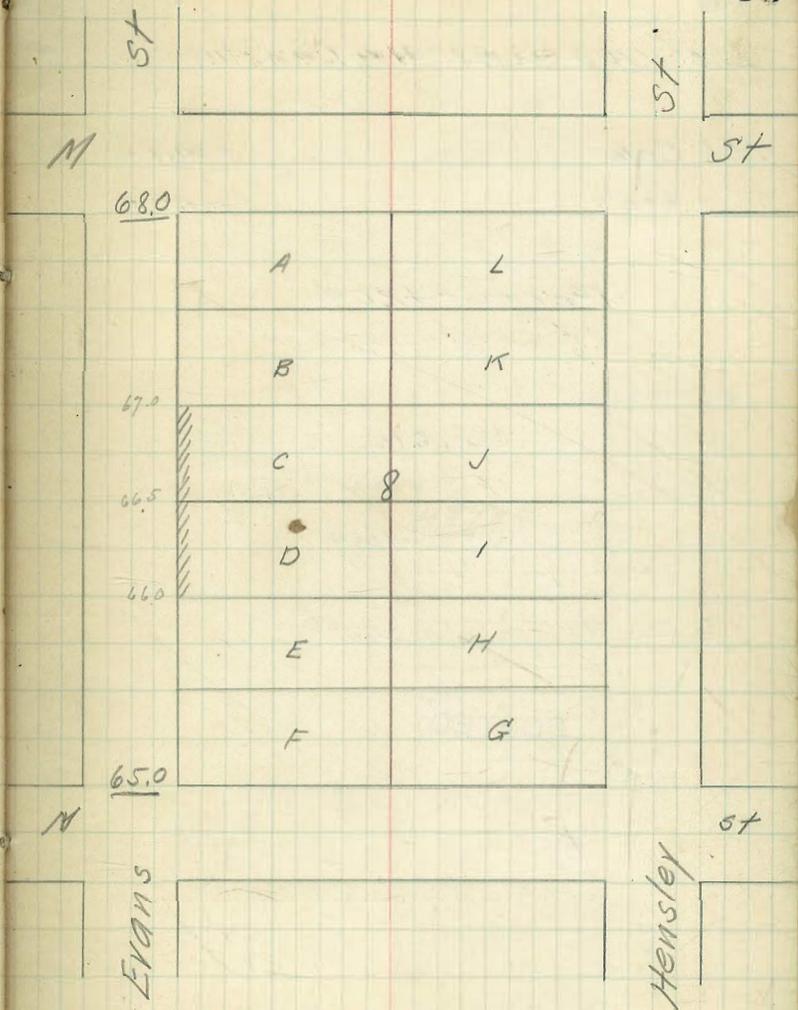
6857

$\frac{726}{71.0314}$

$\frac{660}{503}$   $\frac{66.5}{453}$   $\frac{670}{403}$

3 stakes

33



2-28-01  
2-28-01  
2-28-01

Lots 10, 11+12, BIK 44, Chas Hensley Add

N.L. Cole

owner

cont'r

26<sup>th</sup>

st

Permit 4204

68.57 B.M.

1.20

69.774

64.25

5.52

64.00

5.77

chk. O.K.

Childs  
Barber  
Taylor

Aug. 24/09

note — no name on walk

POSTED

POSTED

34

W

W

63.0

44

48972

" 11

" 10

9

8

7

6

5

4

3

2

1

64.0

64.25

65.0

27<sup>th</sup>

st

st

st

$\frac{10}{12}$  Hatch  
 $\frac{09}{12}$  Murr  
 Thomas

N 10' Lot 10, + Lots 11 + 2, B 1 K 3  
 Bartlett Sub of Breed + Chase Add.

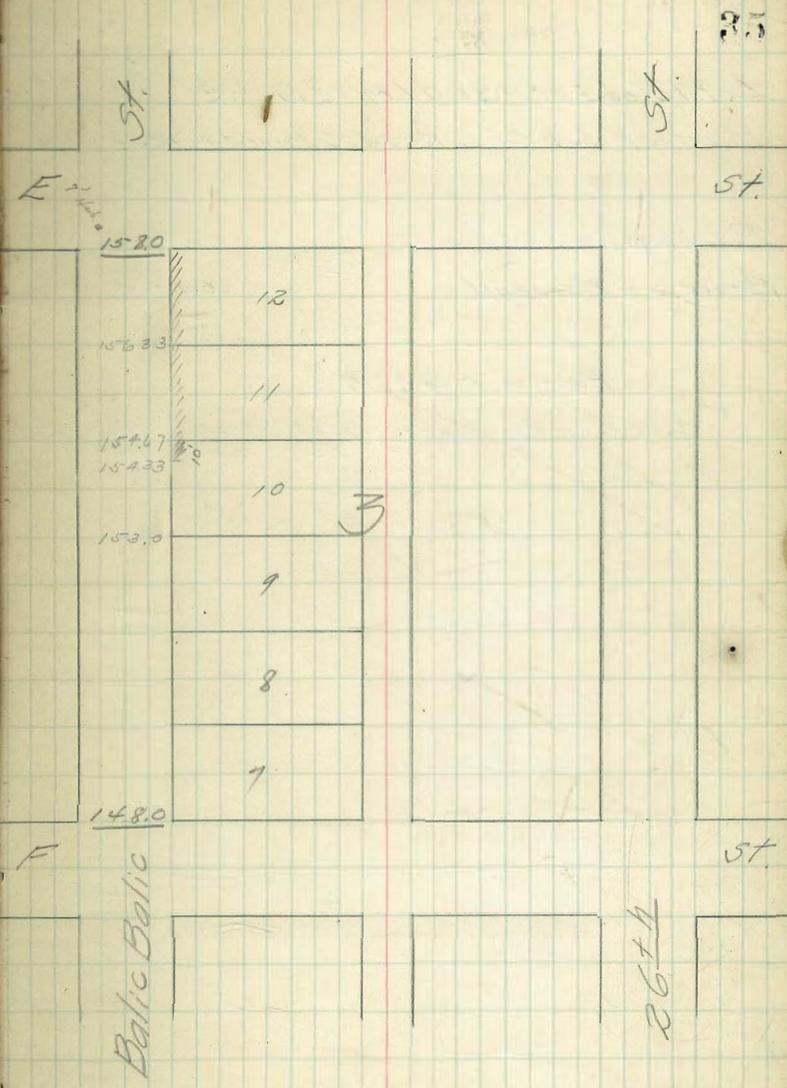
P. Lund owner  
 Brown + Marshall contr

Permit 4225

154.491 BM. NW 25<sup>th</sup> E

$\frac{185.031}{12.56}$ $\frac{172.471}{0.88}$ $\frac{173.05}{11.89}$ $\frac{161.16}{0.76}$ $\frac{161.9214}{}$	$\frac{158.0}{392}$	$\frac{15623}{559}$	$\frac{15407}{7.25}$	$\frac{15233}{7.59}$
---	---------------------	---------------------	----------------------	----------------------

4 stakes



2-28-01  
8-1-56  
8-1-56

10 Hatch  
16 Moore  
29 Thomas

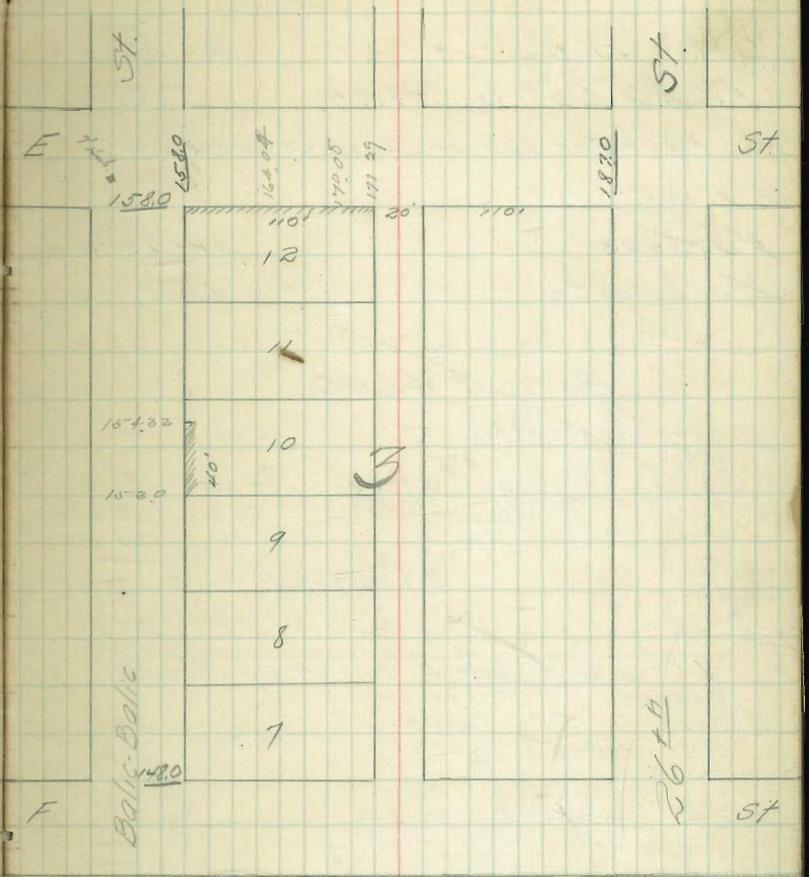
Lot 12 on E St, 540' Lot 10, BIK 3,  
Bartlett Sub of BIK 25 & 26, Breed & Chase Sub.

P. LUND OWNER  
Brown & Marshall contr's

Permit 4227

1570	1580	16904	17008	17129	15733	1580
807	807	2,03	3,35	2,00	1174	1307
166.07 1/4						
203						
16202						
929						
173,381 1/4						

5 stakes







2-28-01  
2-28-01  
2-28-01  
2-28-01  
2-28-01

$\frac{11}{9}$  Hatch  
 $\frac{9}{09}$  Moore  
Thomas

Lot 4, B1K3, Bartlett Sub.

Harris owner  
Hartman Bros contrs

Permit 4243

187.992 E-26<sup>th</sup> NW Brues.

175.869 12-26<sup>th</sup> SW RR Spk.

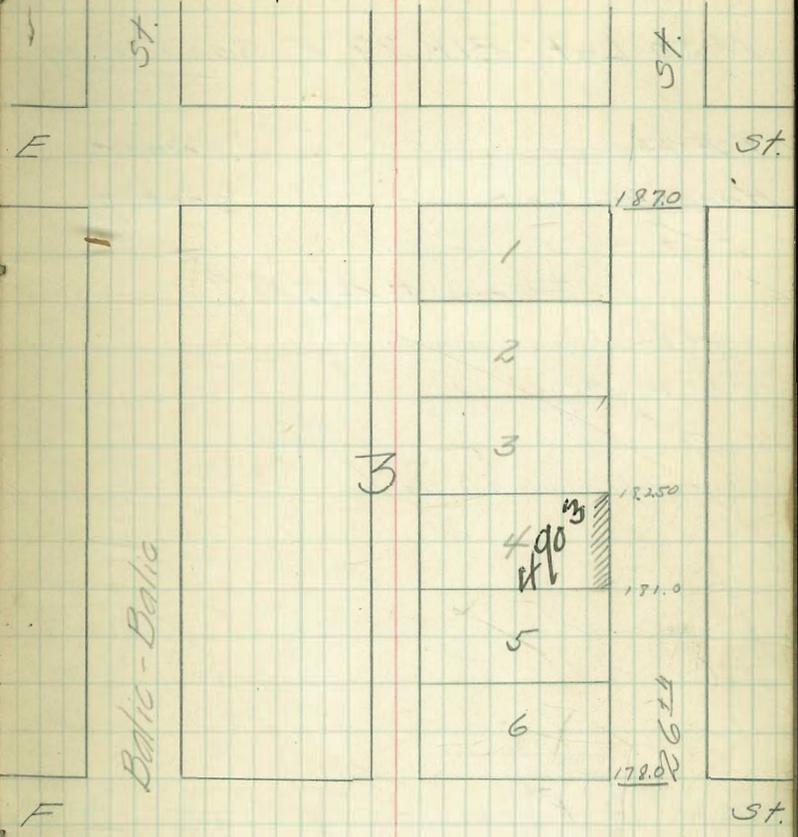
$\frac{187.992}{3.15}$   
 $\frac{191.142}{10.17}$   $\frac{1825}{8.67}$

$\frac{157.00}{2.95}$   
 $\frac{190.94}{4.57}$  810 825 Stake  
check  $\frac{11}{16}$  Hatch  
 $\frac{09}{09}$  Moore

no name or date

Posted

38



$\frac{11}{30} \left\{ \begin{array}{l} \text{Davis} \\ \text{Williams} \\ \text{Churchman} \end{array} \right.$

39

N 50' Lot, BIK 77, E. San Diego

T. E. Perry  
Hercules Co

owner  
cont'g

Permit 4257

74.97 AM N. W. M. plg. r.

4.83

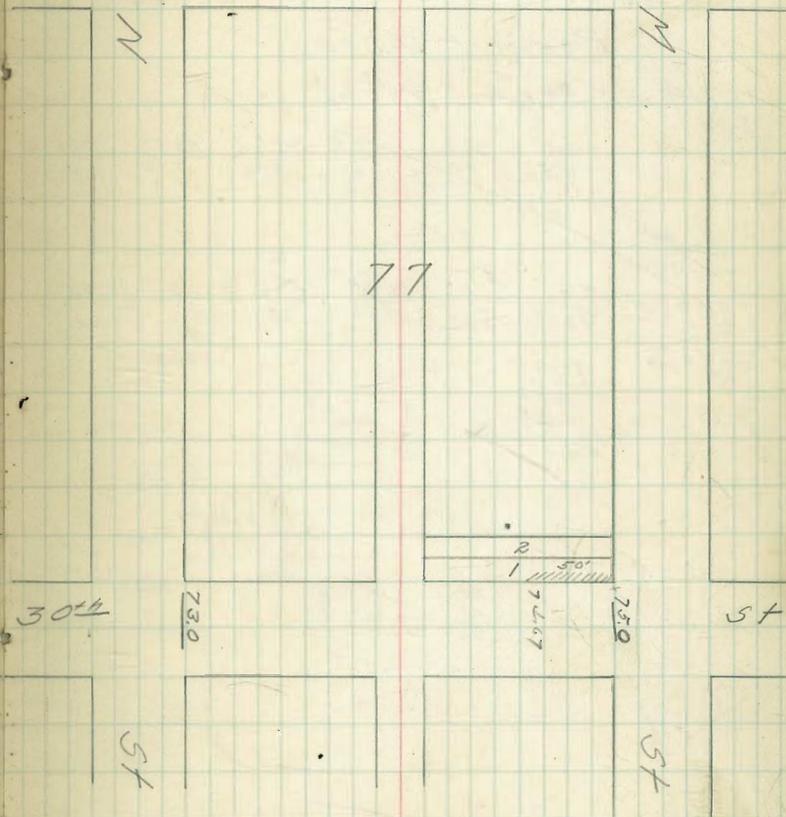
77.80 M. 76.00 74.67

4.80

5.13

1 Stake

Note - Old return 6.00' low



1 Hatch  
 31 Moore  
 10 Thomas  
 Lots 44-48 inc, BIK 42, Chas Hensley

Gordon, Goodwin Co  
 Hercules Co  
 aqt's  
 contrs

Permit 4282

78.819 NE RR Spt. 27<sup>1/2</sup> - L.

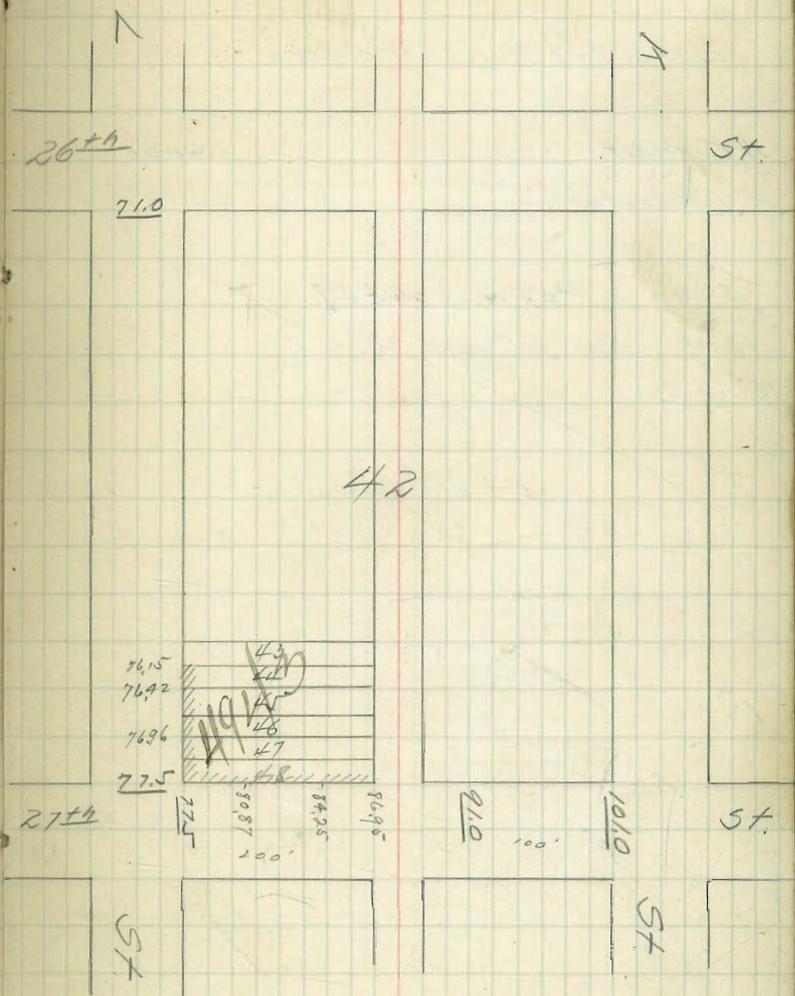
86.91 NE  
 $\frac{77.5}{9.41}$   $\frac{76.96}{9.95}$   $\frac{76.42}{10.49}$   $\frac{76.15}{10.76}$   $\frac{80.87}{6.04}$   $\frac{84.25}{2.66}$

$\frac{56.95}{-0.04}$  8 stakes

78.82  
 $\frac{77.5}{10.35}$   $\frac{76.96}{10.92}$   $\frac{76.42}{11.96}$   $\frac{76.15}{11.73}$   $\frac{80.87}{7.01}$   $\frac{84.25}{3.63}$

87.8814  
 $\frac{86.95}{0.93}$   
 $\frac{0.93}{1.09}$   
 $\frac{1.09}{0.19}$  low

0.19 low  
 $\frac{2}{10}$  Hatch  
 more



2 Hatch  
 7 Mori  
 10 Thomas

Lots 7+8, BIK 78, Power's

A.C Wolf

owner

F. Forrester

cont'r

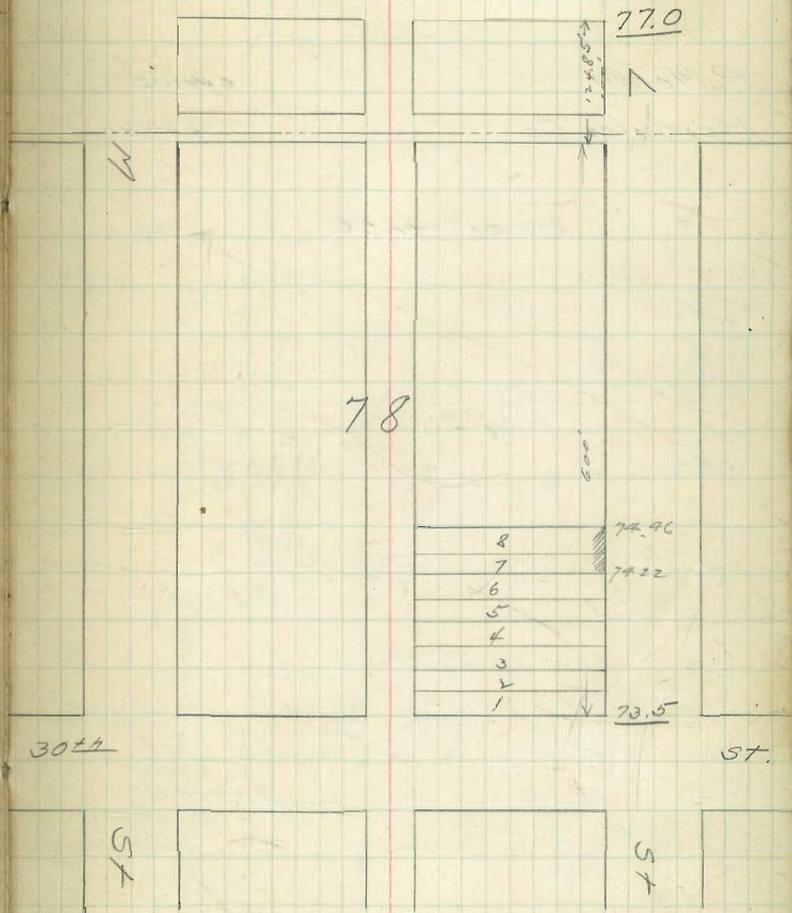
Permit 4289.

7497 Bm 30<sup>th</sup> and N.

325  
 7825 ft

7422 7496  
 403 379

= stakes



2 4/10  
15 7/10  
18 1/2  
Thoms.

Lot 7, BIK 1, Bartlett Est. Sub.

ST.

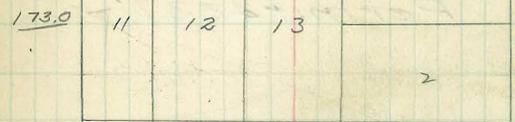
P. Moran owner  
Hercules Co cont'rs

D

ST.

Permit 4296.

153.00	Take	160	162.6	165.73	171.66	172.82
12.99		598	3.38	0.15	3.51	1.33
<hr/>						
165.99	HI					
165.83						
8.34						
174.17	HI					

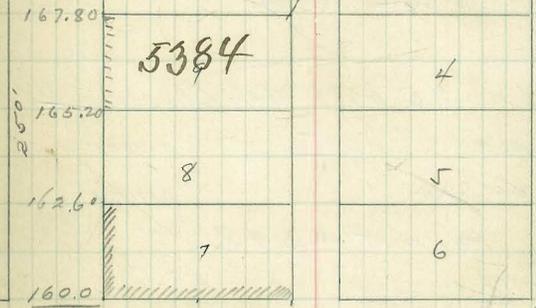


Lot 9, BIK 1, Bartlett Est. Sub.

Pederson owner  
V.A. Olson contr  
Permit 4821

Childs  
Taylor  
Bullock

154.34	J.P.	162.60	165.20	169.74
12.96	HI	4.70	2.10	0.94
167.30	HI			



2 stakes

157.0	165.20	167.80
11.63	3.43	0.83
168.63	HI	

chk. ok. line & grade Jan. 5/11

Childs  
Taylor  
Bullock

E

ST.

Balic-Balic

2614

3/15  
10:00  
Dunelle  
Spain  
Evans

N 50' Lot 25, BIK 44, Chas Hensley Add

Ruth Cooke owner  
Serrano x Foster cont'rs

Permit 4337.

6392 B.M. brass by 26<sup>th</sup> 314  
2.32  
66.3142.

61.40	60.90
4.91	5.41

2 stakes,

S 90' Lot 25, BIK 44 Chas Hensley Add

Ruth Cook owner  
Serrano x Foster cont'r

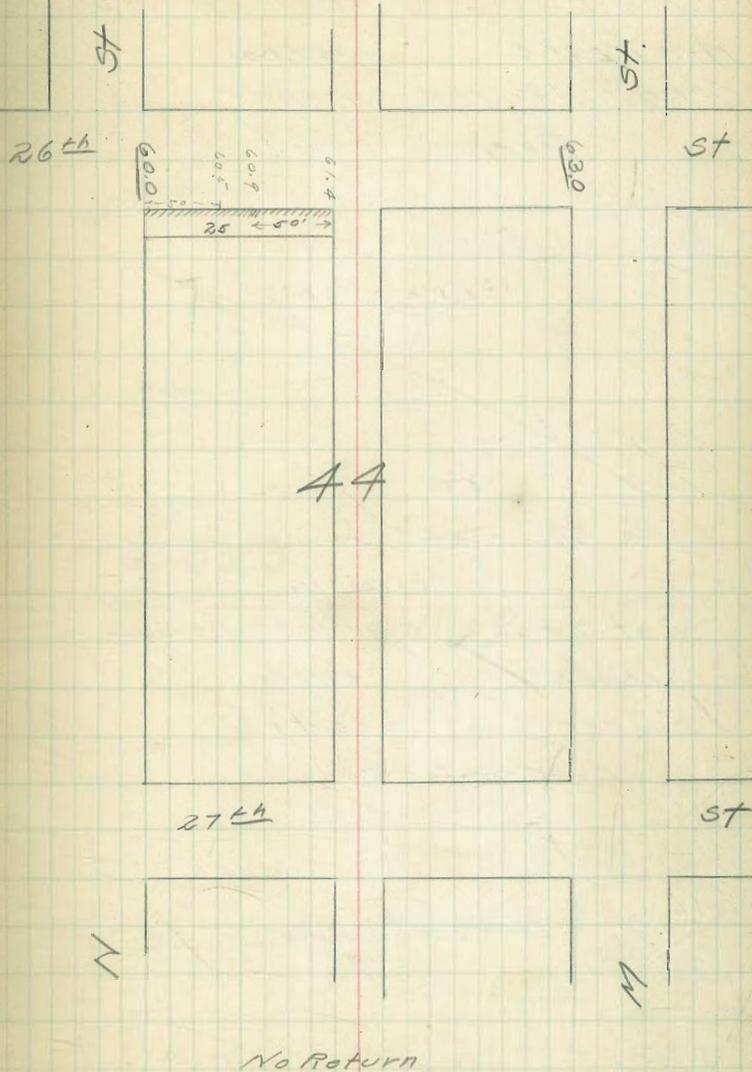
Permit 4348.

6392  
208  
66.00 N3

60.0	60.5	60.9
6.00	5.5	5.1

3  
15  
10  
1/4" nail  
Turns  
Thompson  
2 Stakes

43







Lot 1, BIK 24, Breed & Chase

Various owner  
Otto Malmgren cont'r

Permit 4468

25<sup>th</sup>

ST

17587 Sw 1/4 Sec 26 + 7

6.0v  
181.89 17600 17517 17534 17507  
5.89 6.22 6.55 6.8v

17587 17567 17534

6.63 6.83 7.1/2 stakes  
182.50 Ht. 17527  
17610 17527  
6.50 6.43  
June 15/10 1/2 Sec 26 + 7  
Childs. 43 Chk OK line & grade  
Blough Down 50' - 10'  
Boggs

Lot 48, BIK 24, Breed & Chase

Olsen owner  
O. Malmgren cont'r

Permit 4473

17497  
173

17587 Bm SW 26 + 7  
4.97  
180.84 17493 17466 17433 17400  
5.91 6.78 6.71 6.82

4 Stakes Blough Down 100'  
6 - 14 - 10

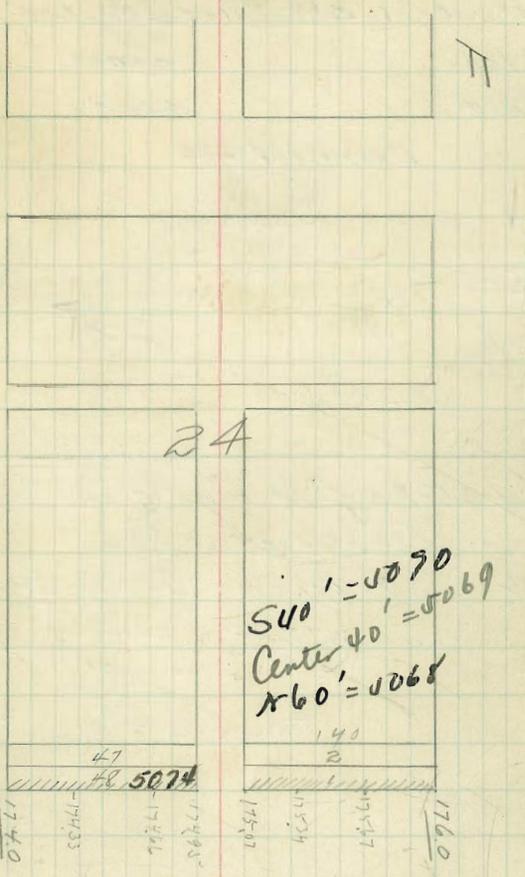
17587 17495 17466 17433 17400  
4.26 5.08 5.37 5.70 6.20  
180.23

Checked OK Blough - 100'  
6 - 14 - 10

(Each of Book in Section)

26<sup>th</sup>

ST



S 100' = 0070'  
Center 40' = 0069'  
x 60' = 0068'

ST

ST

No Return Lot 48.

June 13/10

Lohields

Barber

Taylor

Lots 30x31, B1/4, Reed's Central Add

W. Cook

owner

A. Law

cont'r

Permit 4470

71.93 B.M. nr. Hensley &amp; m.

5.99

77.92 H.L. 74.43

74.33 3.49

3.59

2 stairs

Lot 34-35-36 B1/2 - Reed Central

Owner - Porter &amp; Forbes

Cont'r. T. W. Rich Permit 5048

71.93

6.17

78.10 H.L.

5.01

73.09

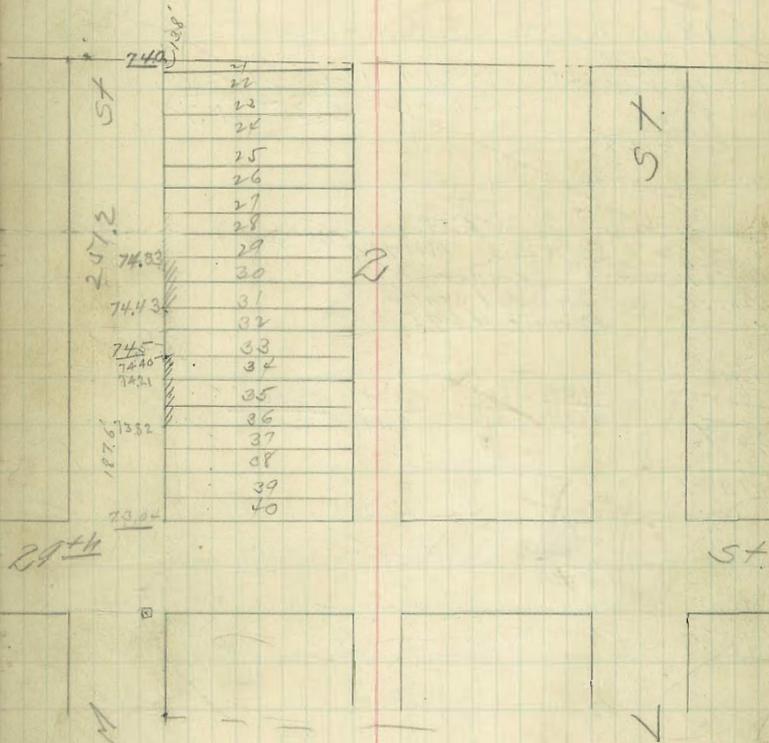
75.14

78.23

74.43 74.21 73.82

3.70 3.39 4.28

2 Stairs

3/4 Hatch  
in  
Hall





Lots 1-8, BIK24, B+C

Various owners

Otto Malmgren contr

Permit 4488

175.87 Bm Swth 26+7

85				
176.72	16940	16281	15622	14963
1292	7.36	2.17	8.64	5.83
163.89 TP				
104				

164.88 143 4 stakes along Dorman Rogers

1240				
154.48 TP				
294				
153.46				
	16940	16281	15622	14963
	6.87	2.17	8.64	5.83

175.87 Bm				
42				
174.29				
1282				
163.45 TP				
78				

Checked OK along Dorman Rogers  
7-6-10

164.23 Mr. Baker 1 to 6 inc.

1078 Mr. Glogg 748

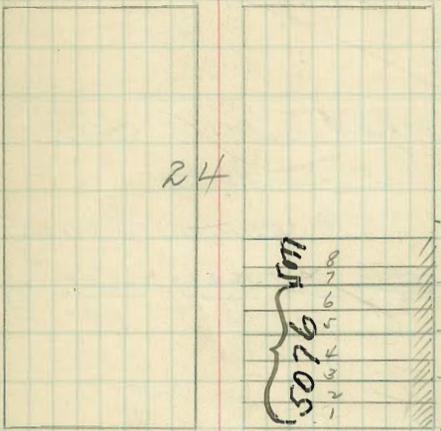
153.45 TP	
3.61	
157.10	

ST

ST

25th

ST



R4

5076

147.0
149.63
152.22
162.81
169.40
176.0

26th

ST

G

F

Lots 30-34, Blk 38, Parrish & Loomis

J E Steer owner  
J F Over contr

Permit 4490

15617 Blk SE side 26th / 175-87 2647

175.87	175.00	172.34	169.67	167.50
5.89	2.91	5.57	8.24	10.37
181.26				
5.56				
176.2070				
1.71				
177.9140				

4 Jats, Houghton - 10

Lot 25 - Blk 38 Carr's Add.

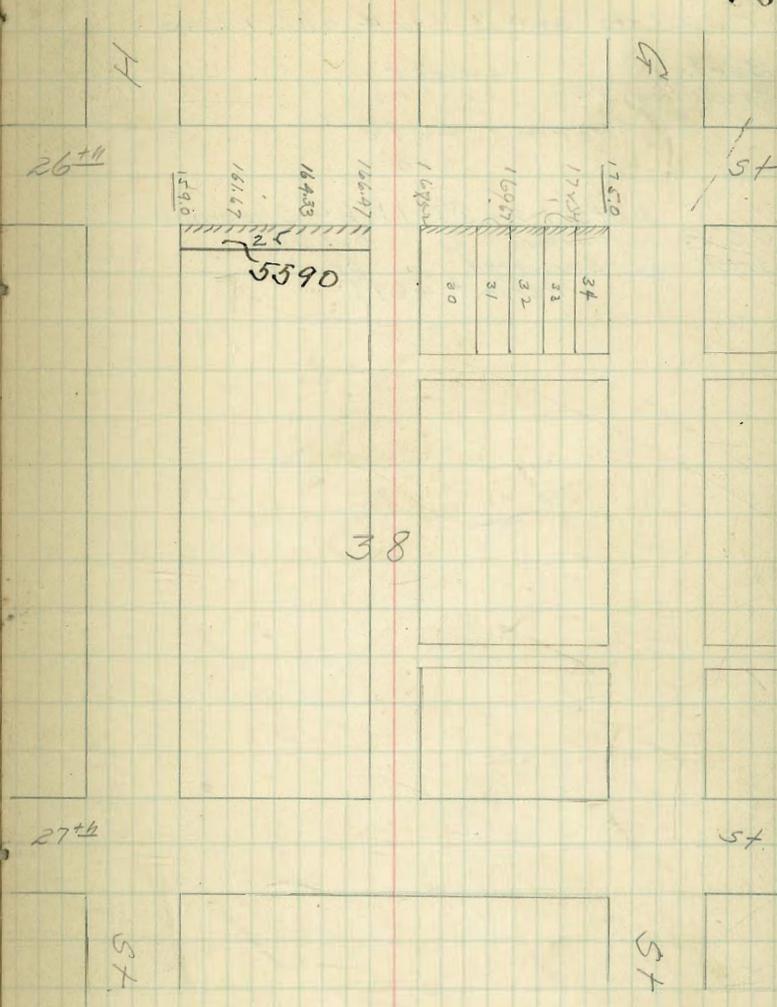
Owner - C. B. Burdette.

Contr. J. S. Bachman Permit 5093

15617 Blk M	159.00	161.67	169.33	166.47	9/11	Sumble
11.70	8.87	6.20	3.54	1.90	11	Evans
167.87M						Johnson

15617 Blk M	159.00	161.67	169.33	166.47
11.20	8.37	5.90	3.04	5.90
167.3714				

check OK 9/16/11 Hatch Hooper



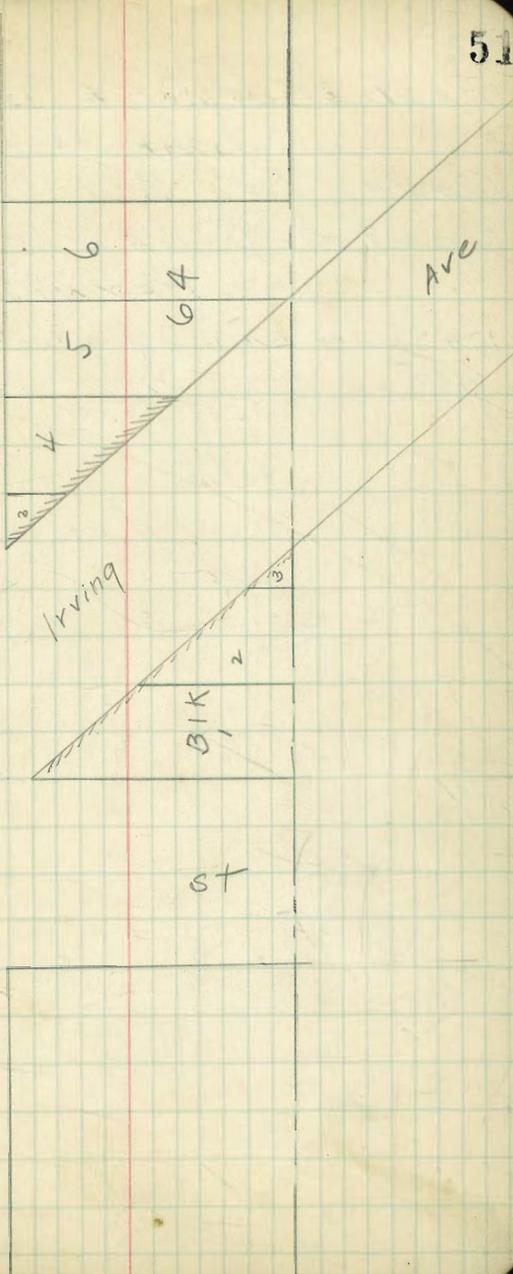
Lots 3+4, BIK 64 Sherman's

Barley owner  
Brockway + S cont'r  
Permit 4696

Lots 1, 2, + 3 BIK 64 Sherman's  
J.C. Brockway owner  
Brockway + Swaistad cont'r  
Permit 4698

22nd

St.



St

X

Feb. 2/11

Schiller  
Taylor  
Bunker

EAST. 81' of Tit. 6 BIK. B.

CULVERT WELLS & TA99A111

OWNER LEO SCHILLER

CONTR. - G. CAWLEY.

PERMIT 4874

179.88 Now cur. trans plug 24' + B

1.87	180.0	174.85	172.00
181.75 - H.L.	1.75 ✓	6.90 ✓	9.75 ✓

179.88

0.95

180/83

1 state

150.0	74.85	172.00
0.83	5.98	8.83
0.17		

OK, Check 3/2/11 R

52

A.

ST.

1

2

3  
B.

4

5

65456

77.65

172.00  
174.85

1800

B.

16445

ST

23rd

ST

24th

187.17  
143.17  
44.00

188.48  
143.48  
45.00



7/18/11 Hatch  
move  
Hall

Balloons at V.A. 9°32'  
Inst at West 7 line of 26 on 10' line I St.  
9:32 AM 7/18/11 Hatch 1415 approx

Lot 1 - Blk 21 - Kimball Add.

Owner Roy Tuttle

Contr. S.T. McMullen

BM SE Cor. 26th H. RR Sub. Bal.

156.17	143.0	142.32	141.67	141.4
112	674	791	807	814
15729				860
1120				

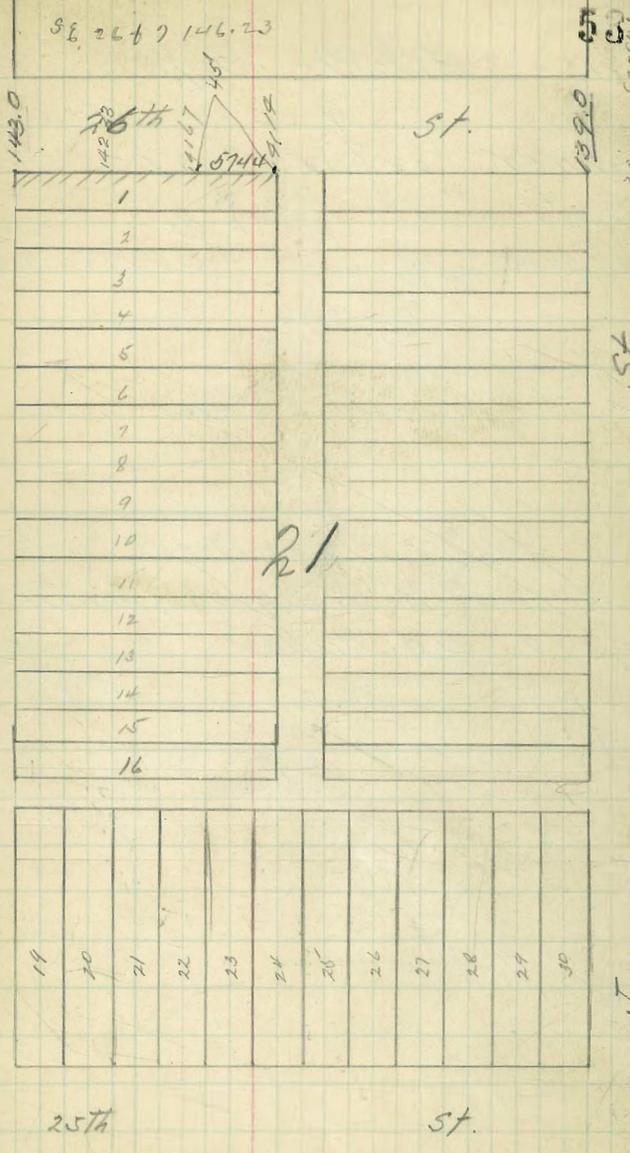
141.09 BM 26-I

365  
149.79 H

5 Stakes

B.M. 145.09 SE 26th & I	148.14	148.14
7 205	141.14	141.67
H.I. 148.14	700	6.47

7/11-11 checked 40' pit commencing at alley 0 1/2' S. corner July



8/ Hatch  
14/ myrd  
Hall

Lots-16-E-1217- Blk 3

Reeds Central

Owner Porter + Forbes

Conty. T. W. Rich

7823 147 (P. 26)

Permit 5047

78.12 7306  
511 517

2 lakes

See P. 28 this book

Lots-14-15- Blk 3 - Reeds Central Add.

Owner R. H. Menzeck Permit 5082

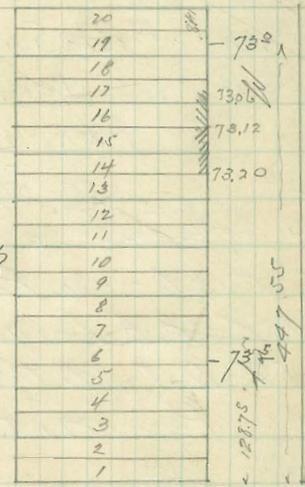
Conty. D. J. Miller

8/29 Hatch  
more  
Hall

7312 lake  
572  
78.9 147

73.20  
5.71

1 lake



3

29th

St.

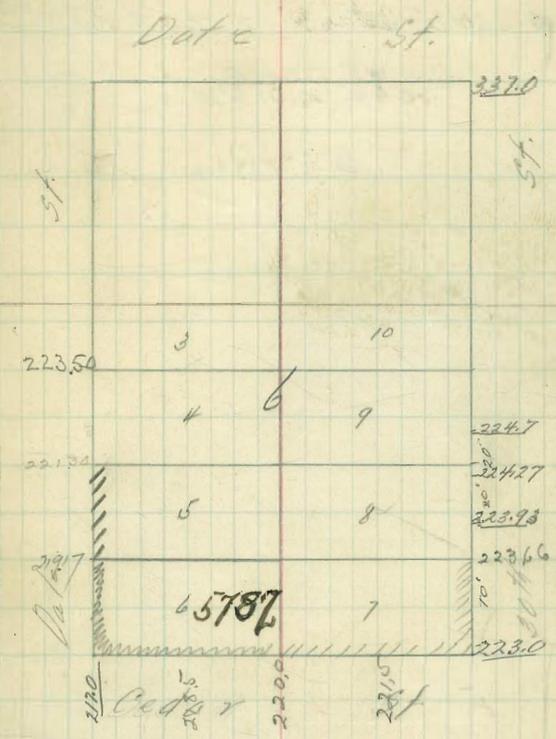
8/19 Hatch  
11/11 Moore  
Hall  
Lot 7 - Blk 6 - South Park Add

OWNER - THOMPSON  
CONTR - RUBBENDALL & NEAN  
224 07 30k 11h NE Cedar 30 Permit 5061  
303  
22710 11/3  
710  
22387  
22387

LOT 6 BLK 6 SOUTH PARK ADD.  
MARY F DE SUCCA OWNER  
DE BOER & JOHNSTON CONTR.  
PERMIT 5157.

22407  
072  
22479 11/4  
22887  
22312 11/4  
20 185 17 197 12/7 11/11 Hatch Moore  
1185 17 1917 10/11 Hatch Moore  
6290 779 562 11/11 Hall  
295 12/7 11/11 Hatch Moore  
10/19 Hatch Moore  
11/11 Hall

Lot 5 - Blk 6 - So. Park Add.  
Owner - E.E. Leightinger  
Confr. D.J. Miller  
Permit 5173  
21917  
469  
22356  
22134  
252  
12 Stake  
11917 ( 12-1-20 12-1-11 check OK  
250 317  
12407  
20  
22477  
235  
11804  
745  
12477



8/19/11 Hatch  
moose  
Halo

Lot 5 - Blk 13 South Park

Owner: Mosher

Contr. Rubbendall & Wean

22387 HA sec P55 Permit 5062

21475 2150  
9.12 8.87

2 stakes

56

Cedar 51

2160

1

45

2

3

4

13

2150

5

21475

6

30 M

2160

Beech 51



8/29/11 Hatch  
 Mount  
 Hall

Tract 9 - Blk 8 - So. Park Add.

Owner Rodramff

Cont'd. Rubendall Permit 5081

207.21 1071 SE 39<sup>th</sup> Beach 1/4 pole. 1ft above ground

210.69 HS  
 16  
 210.98  
 424  
 220.22 HS

215.98 216.98  
 0.66 0.24

2 Stakes

1910

Granada

Cedar

Date

St

220.0

51

217.75

10

216.98

9

215.98

8

214.0

St

9/27 Hatch  
Hooker  
Hall

Lots - 39 to 43 (inc) Blk 42 - Hensleys

Owner Chas O'Brien

Contr. - Rodriguez

Permit - 5119

75319

038

79699

7614

3.6%

7587

3.8%

7532

4.3%

7479

4.9%

3 stakes

60

26th

St.

71.0

St.

St.

74.79

7532

7587

7614

7

72.5

46

47

48

49

40

41

42

43

44

45

46

47

48

27th

St.

10 1/2 Hatch  
25 1/2 Moor  
11 Hall

90' of Lot 16-46  
Owner Fishback  
Cont'r J. Madero  
Permit 5179

62.888 NE 2A-L  
371  
66.598 HT  
620 6083 5990  
460 577 670

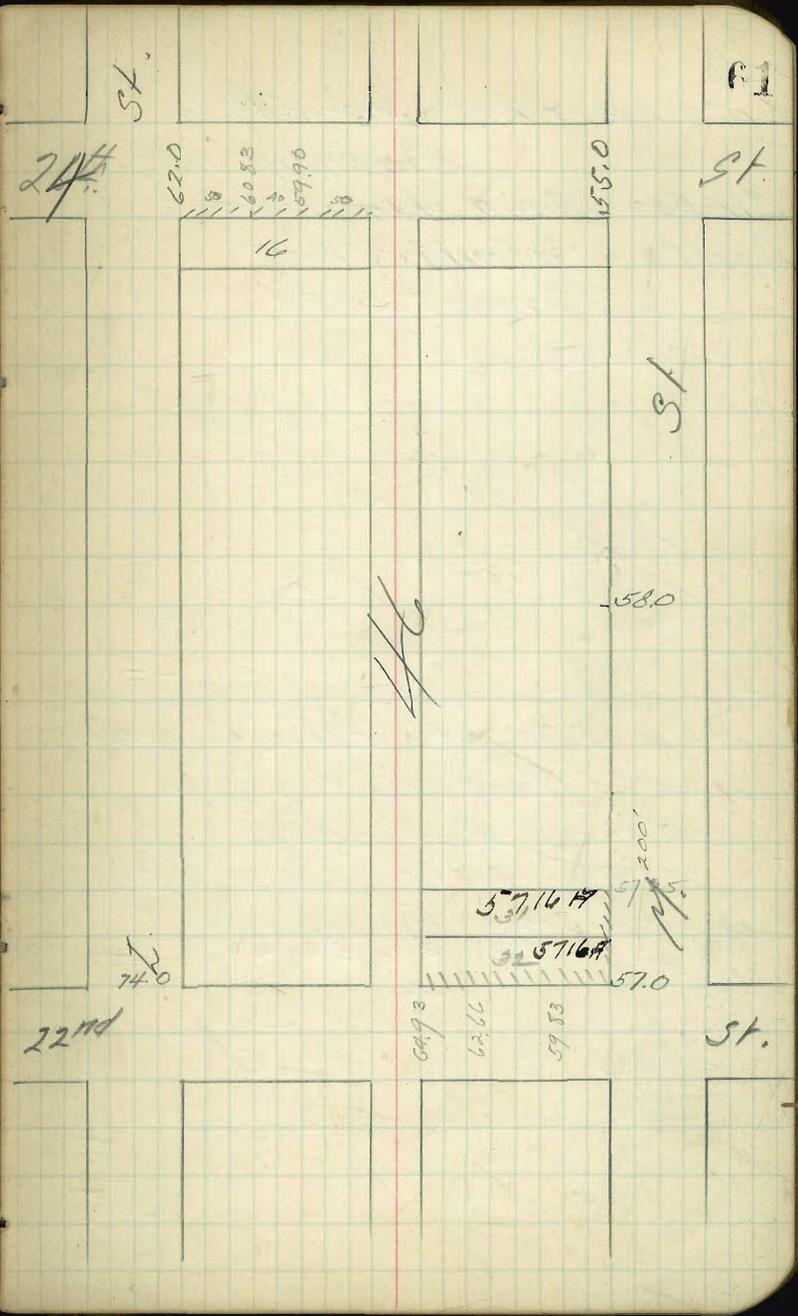
5 stakes

Lots 31-32 - Blk 46 - Sherman  
Owner  
Cont'r H. W. Burch  
Permit 5453  
3/5 Hatch  
1/2 Moor  
Hall

5644 570 5725 5983 6266 6493 6606  
982 926 901 673 368 793 .20  
6626 HT

5644 570 5725 5983 6266 6493 6606  
888 832 807 5993 6266 6493  
6532 HT 832 807 599 267 039

5 stakes  
check 3/12 hatch  
moor





12/11 Hatch  
 11/11 move  
 11/11 Hall  
 Lots 1-2-4 N 25 Lot 3 - Blk 12  
 GARDNERS ADD  
 Owner FRED HAMILTON  
 Contr - Winders  
 Permit 5283

68.0 Stake NE Co 15-B  
 2.60  
 70.60 14 66.0 63.35 60.76 59.75 59.54  
 4.50 7.15 9.82 10.75 10.96

6 Stakes

Lots 4 & 25 Lot 3 - Blk 12 GARDNERS  
 Owner - Masten & Kendall  
 Contr. O.E. Winders  
 Permit 5303

59.75 Stake 5890 5810 5760 5730  
 7.95 2.50 3.60 4.10 4.90  
 61.70 14

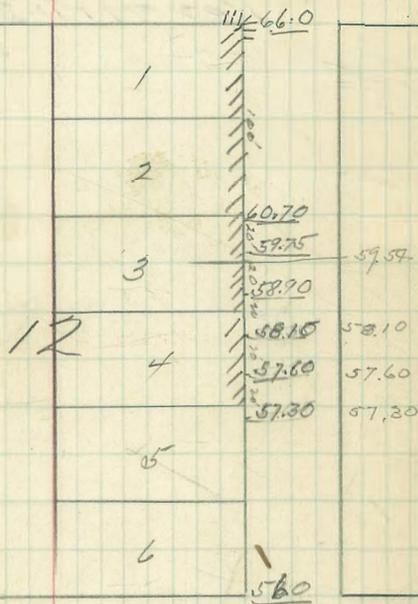
4 Stakes

57.30 57.6 57.10 57.9 59.54  
 4.50 4.50 4.00 3.20 2.54  
 62.10 14 4.97 3.98 3.21 2.60

Ok Chuck 12/25 Hatch  
 11/11 move

B

St.



St.

18th

1/5 Hatch  
12/12 Myone  
Hall

Lot 3 - 50.35' Lot 2 Blk 20.

Shermans Add.

OWNER - VARIOUS

Conty. - O.E. WINDERS

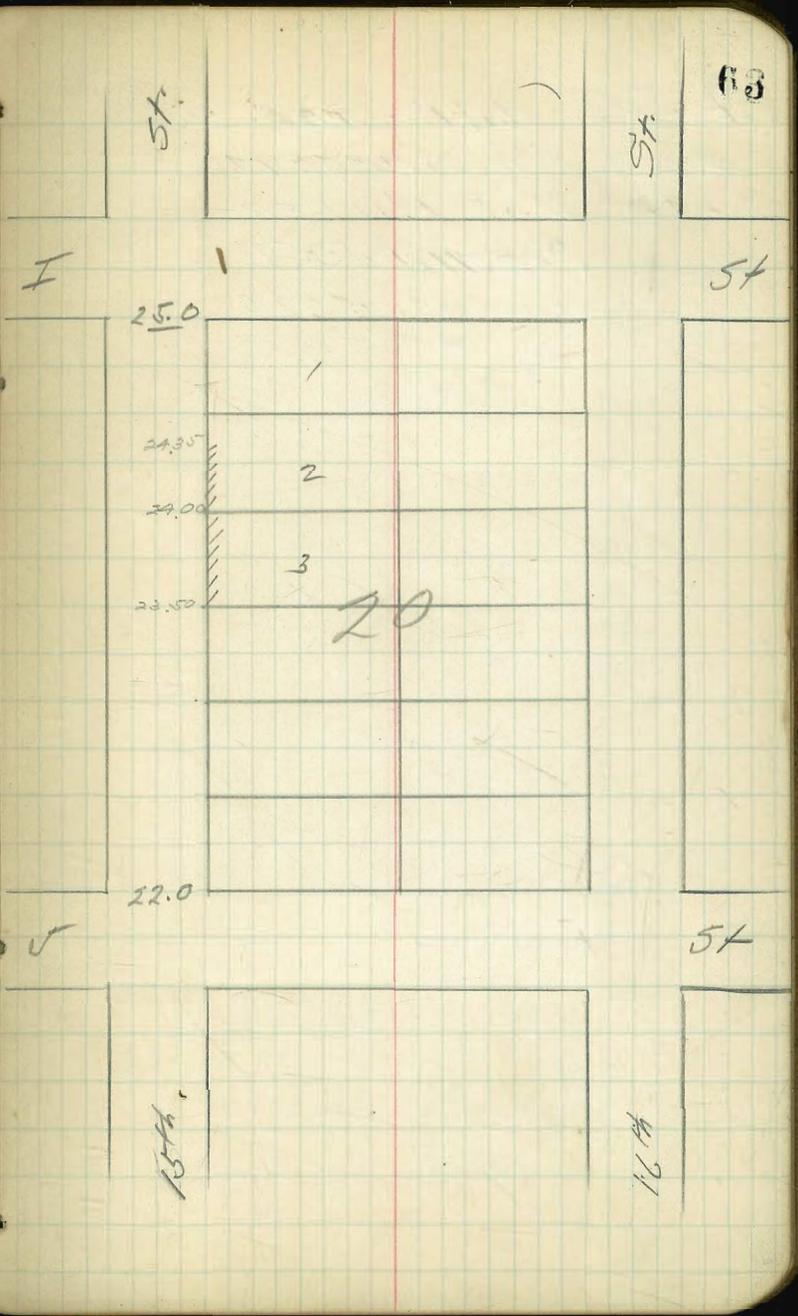
Permit 5334

31055 BM NE 7<sup>th</sup> 16<sup>th</sup> I.

157  
32625  
7645  
2498  
462  
3960 ft

2435 240 235  
5251 560 - 6.10 ✓

3 Stake



10 Hatch  
12 Trunk  
13 Hall  
Lots - 5-6- B/12 - GARDNERS

OWNER MR. WARREN

CONTR D. J. MILLER

57 20 Stake PERMIT 5351

1360 560 5665  
6090 490 A.25

2 Stake

St.

64

B

St.

66.0

1001

2

60.70

59.75

3

58.90

58.10

4

57.60

57.30

5

58.65

6

56.0

C.

St

18 1/2

7/ Hatch  
 11/14 more  
 12/ Hall  
 Lots 4-5-6 - Bay View Homestead

Owner —  
 Conty —  
 Permit —

By Order of ADAMS

11946 to SW Cor of Beach

993				
12939	119.5	124.42	129.33	134.25
1872	9.89	4.97	0.06	0.42
12867				
6				
134.47				

marks on curb (no stakes)

119.46	119.50	124.42	129.33	134.25
11.31				
130.77	9.40	5.09	0.57	1.76
1.48	1.57' up	1.25' up	0.87' up	0.1' up
129.29				
6.82				

136.11 <sup>8.1024</sup> marks on curb & no change in curb  
 since grades were given  
 5/11 <sup>small</sup> errors

57

65

Cedar

57

1490

134.25

18

129.33

4

124.42

5

119.5

6

Beech

57

North



LOT 12 BLK 14 ADD. CULLORWELLS

OWNER G. CERAVO

CONTR. FARDINO & VANNICEHI

PERMIT NO. 5699

BK 42.85 Plng 2XW Cot 15th & F St.

44.97  
43.00  
1.97

44.97	44.97	24.97	44.97
43.00	41.75	40.50	41.91
1.97	0.22	1.47	35.56

2 Stakes July 5-12 {  
Dorman  
Shaw  
Devine

Stake on 15th, instead of F St.

RETURN

LOT 12 BLK 14 ADD. CULLORWELL

OWNER VARIOUS

CONTR. FARDINAMI & VANNICEHI

PERMIT NO. 5724

RETURN ONLY

Return already in  
July 13-12 {  
Dorman  
Shaw  
Devine

67

RETURN

F

44.30

57.5

67

12

41.75

40.50

14

35.5

G

67

15

167

1/24 Hatch  
1/2 moor  
Hall

LOT 19-20 BLK. 43 ADD. Hensley's

OWNER J. H. Quinn

CONTR. Serrano & Foster

PERMIT NO. 057039

70.87 10m NW Cor 36-2 Brass plug  
365 70.92 71.83  
74.52 360 314

1 stake

58

26th

57

14  
23  
22  
21  
20  
19

70.0

70.92

71.83

43

75.5

27th

54

7

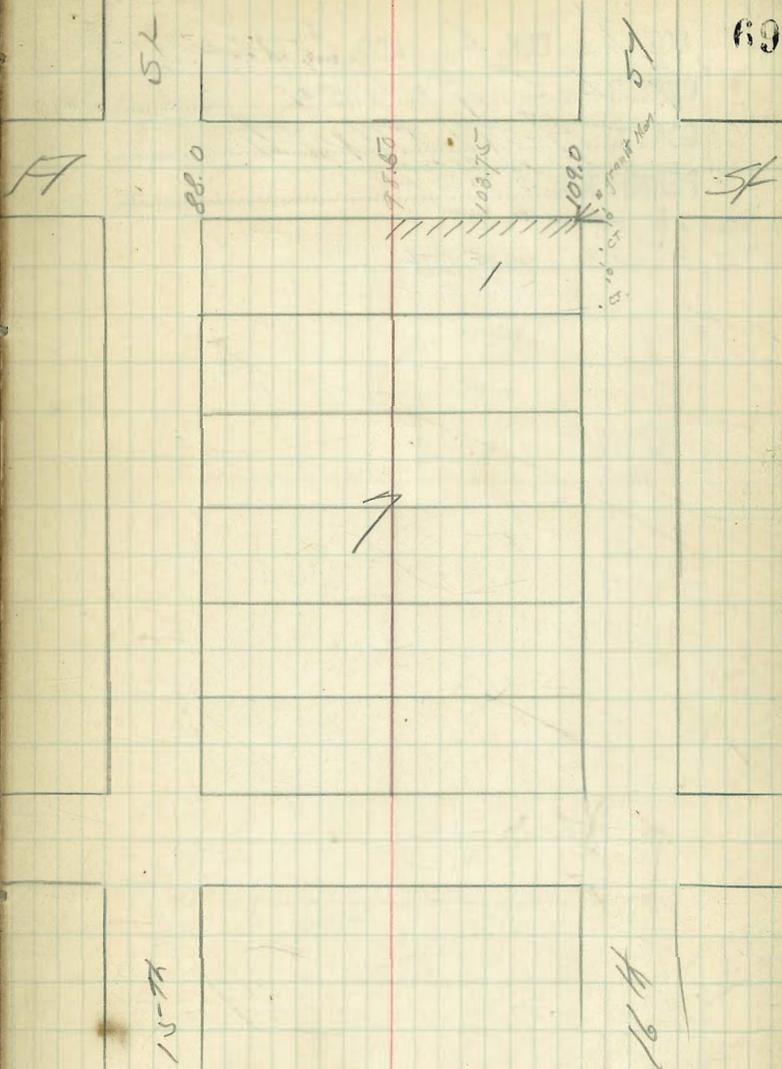
8/21 Hatch  
1/2 Mayo  
Hall

LOT 1 BLK. 7 ADD. Gardens  
OWNER W. W. McCullough  
CONTR. A. W. Muth  
PERMIT NO. 5800

90.0 Rly SW 15<sup>th</sup> - A

1172  
10172  
667  
10165  
1102  
11167 Rly  
267  
10900  
802  
1102  
210  
11492 Rly Plug NE 16<sup>th</sup> - A

9850 10375 109.0  
522 7.92 1267  
332  
7.10





9-11-12

Small  
Eggs  
from

LOT 7 BLK. 6 ADD. Gardner's  
OWNER L. C. Kelley  
CONTR. A. M. Smith  
PERMIT NO. 5832

107.415 BM - B.P. 14 8" B"  
9.37  
116.125 H.H.  
109.75 116.86  
6.93 7.82

2 stakes

15th

5th

79

5th

6

10	40	950
9		140
8		
7	40	109.75
6		114.86
		1140

14th

109.5

5th

B

9/14 Dunkle  
11/11 Evans  
12/11 Hill

E. 50'  
LOT 2 BLK. 5 ADD. Hartford

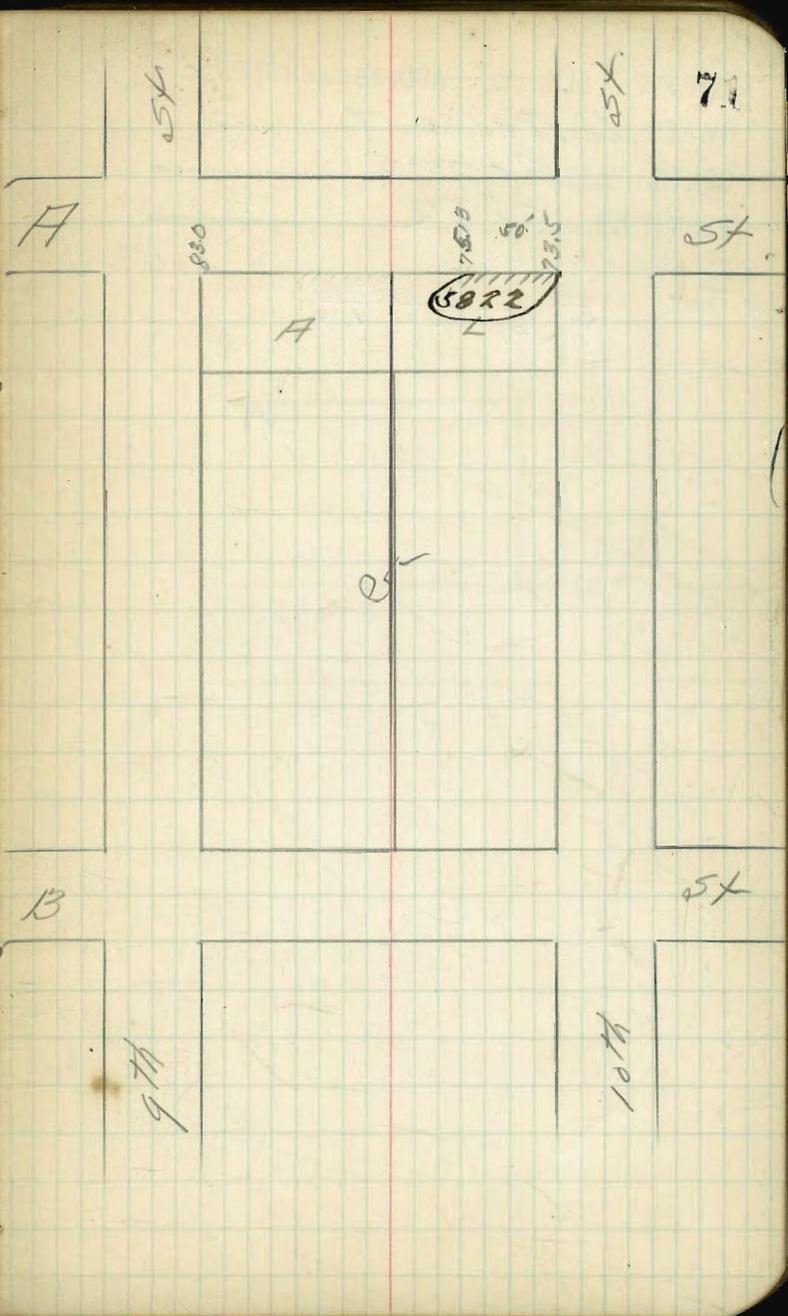
OWNER

CONTR. J. S. Bachman

PERMIT NO. 15-233

72.44	73.50	75.13	1 stake
5.72	4.66	3.23	
78.16			

72.44	73.50	75.13	10-9-12 chert pit	Dunkle
5.88	4.82	3.19		Evans
78.3241				



9/19/12  
Small  
Evans  
Herr

LOT 10 BLK. 15 ADD. Culverwells

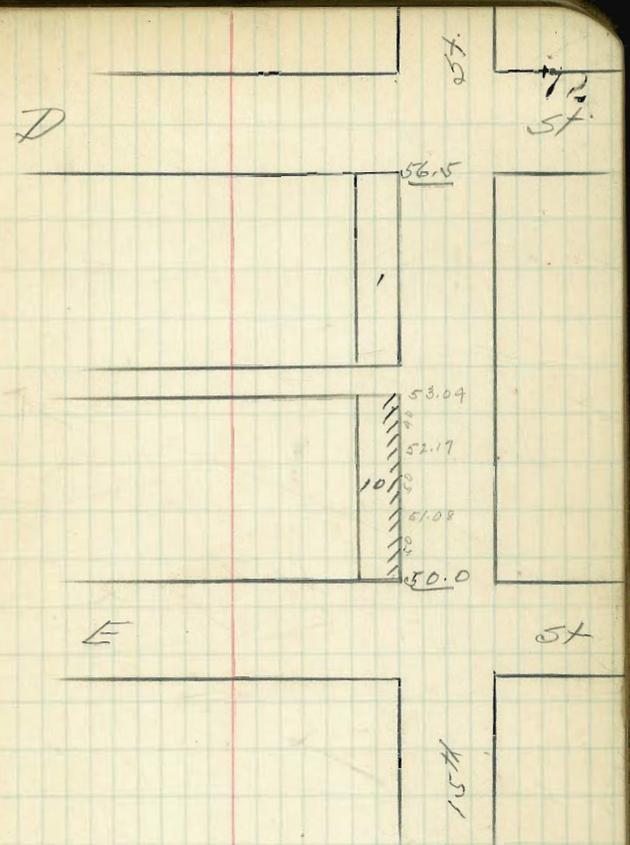
OWNER O. Nelson

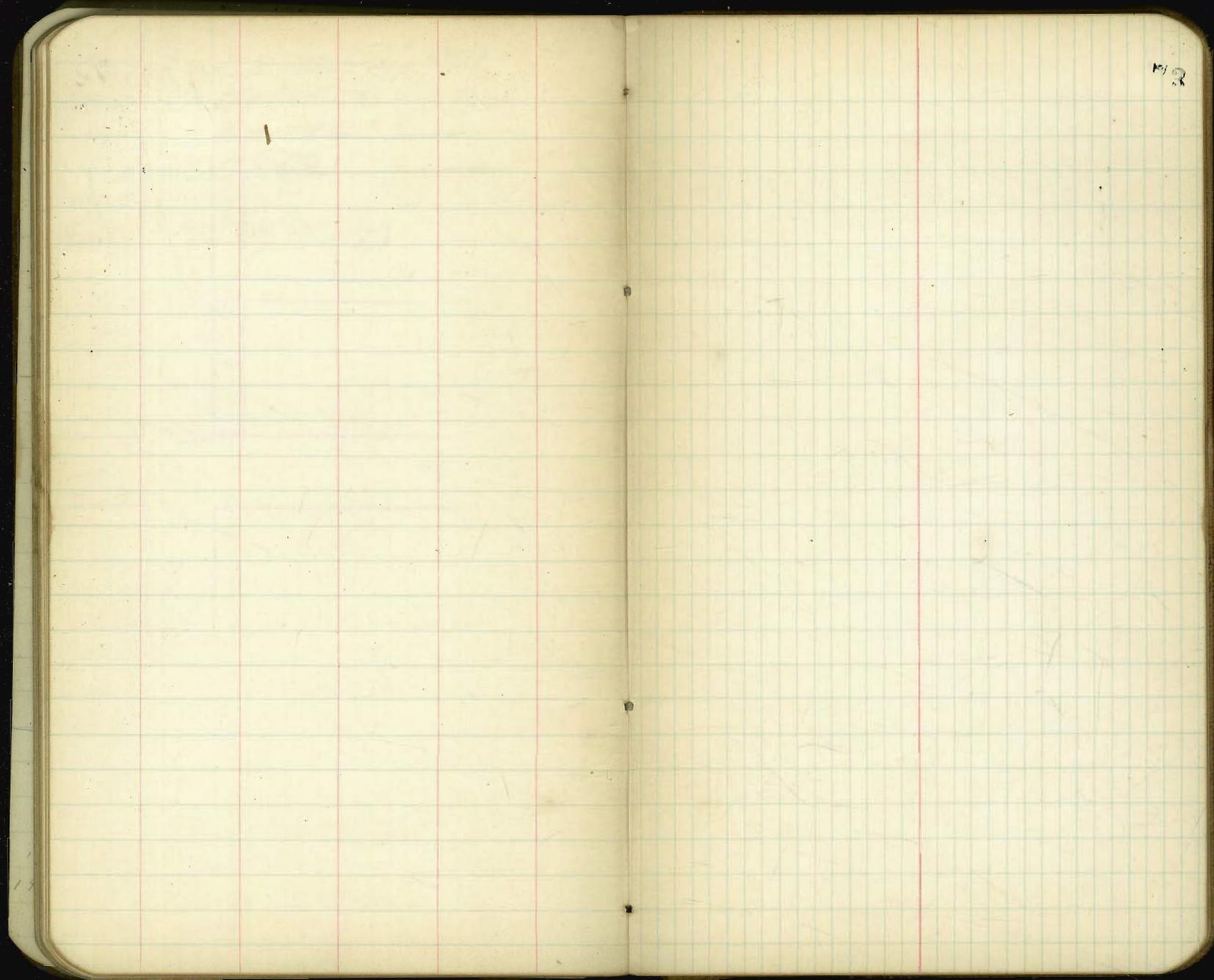
CONTR. SAME

PERMIT NO. 15852

50.946 G.M.B.P. 14' x E. 4 stakes

54.43 H <sub>1</sub>	50.00	51.05	52.17	53.04
	4.43	3.95	2.26	1.39





1/2













1877 11-D SW

12/7/11  
H  
M  
H

70.785  
- 1.725  
72.510

7998

west

Dist. Ch. 7. Long  
Dist. Ch. 7. Long

1	51.0	1.14	71.34	7.2	51.8
	50	206		7.2	
	100	319		7.2	51.9
	150	432		7.1	51.9
	200	534		7.2	
	250	634		7.3	51.7
	300	742		7.4	51.4
N.E.	7.42	6506		7.53	51.4

2

10707 13m 11-D

Handwritten calculations and notes on the left page of the notebook. Includes several vertical arithmetic problems, some with horizontal lines, and various numbers and symbols. Notable entries include:

- Vertical calculations:  $2.500$ ,  $2.160$ ,  $3.400$ ,  $3.477$ ,  $3.551$ ,  $3.628$ ,  $3.705$ ,  $3.782$ ,  $3.859$ ,  $3.936$ ,  $4.013$ ,  $4.090$ ,  $4.167$ ,  $4.244$ ,  $4.321$ ,  $4.398$ ,  $4.475$ ,  $4.552$ ,  $4.629$ ,  $4.706$ ,  $4.783$ ,  $4.860$ ,  $4.937$ ,  $5.014$ ,  $5.091$ ,  $5.168$ ,  $5.245$ ,  $5.322$ ,  $5.399$ ,  $5.476$ ,  $5.553$ ,  $5.630$ ,  $5.707$ ,  $5.784$ ,  $5.861$ ,  $5.938$ ,  $6.015$ ,  $6.092$ ,  $6.169$ ,  $6.246$ ,  $6.323$ ,  $6.400$ ,  $6.477$ ,  $6.554$ ,  $6.631$ ,  $6.708$ ,  $6.785$ ,  $6.862$ ,  $6.939$ ,  $7.016$ ,  $7.093$ ,  $7.170$ ,  $7.247$ ,  $7.324$ ,  $7.401$ ,  $7.478$ ,  $7.555$ ,  $7.632$ ,  $7.709$ ,  $7.786$ ,  $7.863$ ,  $7.940$ ,  $8.017$ ,  $8.094$ ,  $8.171$ ,  $8.248$ ,  $8.325$ ,  $8.402$ ,  $8.479$ ,  $8.556$ ,  $8.633$ ,  $8.710$ ,  $8.787$ ,  $8.864$ ,  $8.941$ ,  $9.018$ ,  $9.095$ ,  $9.172$ ,  $9.249$ ,  $9.326$ ,  $9.403$ ,  $9.480$ ,  $9.557$ ,  $9.634$ ,  $9.711$ ,  $9.788$ ,  $9.865$ ,  $9.942$ ,  $10.019$ ,  $10.096$ ,  $10.173$ ,  $10.250$ ,  $10.327$ ,  $10.404$ ,  $10.481$ ,  $10.558$ ,  $10.635$ ,  $10.712$ ,  $10.789$ ,  $10.866$ ,  $10.943$ ,  $11.020$ ,  $11.097$ ,  $11.174$ ,  $11.251$ ,  $11.328$ ,  $11.405$ ,  $11.482$ ,  $11.559$ ,  $11.636$ ,  $11.713$ ,  $11.790$ ,  $11.867$ ,  $11.944$ ,  $12.021$ ,  $12.098$ ,  $12.175$ ,  $12.252$ ,  $12.329$ ,  $12.406$ ,  $12.483$ ,  $12.560$ ,  $12.637$ ,  $12.714$ ,  $12.791$ ,  $12.868$ ,  $12.945$ ,  $13.022$ ,  $13.099$ ,  $13.176$ ,  $13.253$ ,  $13.330$ ,  $13.407$ ,  $13.484$ ,  $13.561$ ,  $13.638$ ,  $13.715$ ,  $13.792$ ,  $13.869$ ,  $13.946$ ,  $14.023$ ,  $14.100$ ,  $14.177$ ,  $14.254$ ,  $14.331$ ,  $14.408$ ,  $14.485$ ,  $14.562$ ,  $14.639$ ,  $14.716$ ,  $14.793$ ,  $14.870$ ,  $14.947$ ,  $15.024$ ,  $15.101$ ,  $15.178$ ,  $15.255$ ,  $15.332$ ,  $15.409$ ,  $15.486$ ,  $15.563$ ,  $15.640$ ,  $15.717$ ,  $15.794$ ,  $15.871$ ,  $15.948$ ,  $16.025$ ,  $16.102$ ,  $16.179$ ,  $16.256$ ,  $16.333$ ,  $16.410$ ,  $16.487$ ,  $16.564$ ,  $16.641$ ,  $16.718$ ,  $16.795$ ,  $16.872$ ,  $16.949$ ,  $17.026$ ,  $17.103$ ,  $17.180$ ,  $17.257$ ,  $17.334$ ,  $17.411$ ,  $17.488$ ,  $17.565$ ,  $17.642$ ,  $17.719$ ,  $17.796$ ,  $17.873$ ,  $17.950$ ,  $18.027$ ,  $18.104$ ,  $18.181$ ,  $18.258$ ,  $18.335$ ,  $18.412$ ,  $18.489$ ,  $18.566$ ,  $18.643$ ,  $18.720$ ,  $18.797$ ,  $18.874$ ,  $18.951$ ,  $19.028$ ,  $19.105$ ,  $19.182$ ,  $19.259$ ,  $19.336$ ,  $19.413$ ,  $19.490$ ,  $19.567$ ,  $19.644$ ,  $19.721$ ,  $19.798$ ,  $19.875$ ,  $19.952$ ,  $20.029$ ,  $20.106$ ,  $20.183$ ,  $20.260$ ,  $20.337$ ,  $20.414$ ,  $20.491$ ,  $20.568$ ,  $20.645$ ,  $20.722$ ,  $20.799$ ,  $20.876$ ,  $20.953$ ,  $21.030$ ,  $21.107$ ,  $21.184$ ,  $21.261$ ,  $21.338$ ,  $21.415$ ,  $21.492$ ,  $21.569$ ,  $21.646$ ,  $21.723$ ,  $21.800$ ,  $21.877$ ,  $21.954$ ,  $22.031$ ,  $22.108$ ,  $22.185$ ,  $22.262$ ,  $22.339$ ,  $22.416$ ,  $22.493$ ,  $22.570$ ,  $22.647$ ,  $22.724$ ,  $22.801$ ,  $22.878$ ,  $22.955$ ,  $23.032$ ,  $23.109$ ,  $23.186$ ,  $23.263$ ,  $23.340$ ,  $23.417$ ,  $23.494$ ,  $23.571$ ,  $23.648$ ,  $23.725$ ,  $23.802$ ,  $23.879$ ,  $23.956$ ,  $24.033$ ,  $24.110$ ,  $24.187$ ,  $24.264$ ,  $24.341$ ,  $24.418$ ,  $24.495$ ,  $24.572$ ,  $24.649$ ,  $24.726$ ,  $24.803$ ,  $24.880$ ,  $24.957$ ,  $25.034$ ,  $25.111$ ,  $25.188$ ,  $25.265$ ,  $25.342$ ,  $25.419$ ,  $25.496$ ,  $25.573$ ,  $25.650$ ,  $25.727$ ,  $25.804$ ,  $25.881$ ,  $25.958$ ,  $26.035$ ,  $26.112$ ,  $26.189$ ,  $26.266$ ,  $26.343$ ,  $26.420$ ,  $26.497$ ,  $26.574$ ,  $26.651$ ,  $26.728$ ,  $26.805$ ,  $26.882$ ,  $26.959$ ,  $27.036$ ,  $27.113$ ,  $27.190$ ,  $27.267$ ,  $27.344$ ,  $27.421$ ,  $27.498$ ,  $27.575$ ,  $27.652$ ,  $27.729$ ,  $27.806$ ,  $27.883$ ,  $27.960$ ,  $28.037$ ,  $28.114$ ,  $28.191$ ,  $28.268$ ,  $28.345$ ,  $28.422$ ,  $28.499$ ,  $28.576$ ,  $28.653$ ,  $28.730$ ,  $28.807$ ,  $28.884$ ,  $28.961$ ,  $29.038$ ,  $29.115$ ,  $29.192$ ,  $29.269$ ,  $29.346$ ,  $29.423$ ,  $29.500$ ,  $29.577$ ,  $29.654$ ,  $29.731$ ,  $29.808$ ,  $29.885$ ,  $29.962$ ,  $30.039$ ,  $30.116$ ,  $30.193$ ,  $30.270$ ,  $30.347$ ,  $30.424$ ,  $30.501$ ,  $30.578$ ,  $30.655$ ,  $30.732$ ,  $30.809$ ,  $30.886$ ,  $30.963$ ,  $31.040$ ,  $31.117$ ,  $31.194$ ,  $31.271$ ,  $31.348$ ,  $31.425$ ,  $31.502$ ,  $31.579$ ,  $31.656$ ,  $31.733$ ,  $31.810$ ,  $31.887$ ,  $31.964$ ,  $32.041$ ,  $32.118$ ,  $32.195$ ,  $32.272$ ,  $32.349$ ,  $32.426$ ,  $32.503$ ,  $32.580$ ,  $32.657$ ,  $32.734$ ,  $32.811$ ,  $32.888$ ,  $32.965$ ,  $33.042$ ,  $33.119$ ,  $33.196$ ,  $33.273$ ,  $33.350$ ,  $33.427$ ,  $33.504$ ,  $33.581$ ,  $33.658$ ,  $33.735$ ,  $33.812$ ,  $33.889$ ,  $33.966$ ,  $34.043$ ,  $34.120$ ,  $34.197$ ,  $34.274$ ,  $34.351$ ,  $34.428$ ,  $34.505$ ,  $34.582$ ,  $34.659$ ,  $34.736$ ,  $34.813$ ,  $34.890$ ,  $34.967$ ,  $35.044$ ,  $35.121$ ,  $35.198$ ,  $35.275$ ,  $35.352$ ,  $35.429$ ,  $35.506$ ,  $35.583$ ,  $35.660$ ,  $35.737$ ,  $35.814$ ,  $35.891$ ,  $35.968$ ,  $36.045$ ,  $36.122$ ,  $36.199$ ,  $36.276$ ,  $36.353$ ,  $36.430$ ,  $36.507$ ,  $36.584$ ,  $36.661$ ,  $36.738$ ,  $36.815$ ,  $36.892$ ,  $36.969$ ,  $37.046$ ,  $37.123$ ,  $37.200$ ,  $37.277$ ,  $37.354$ ,  $37.431$ ,  $37.508$ ,  $37.585$ ,  $37.662$ ,  $37.739$ ,  $37.816$ ,  $37.893$ ,  $37.970$ ,  $38.047$ ,  $38.124$ ,  $38.201$ ,  $38.278$ ,  $38.355$ ,  $38.432$ ,  $38.509$ ,  $38.586$ ,  $38.663$ ,  $38.740$ ,  $38.817$ ,  $38.894$ ,  $38.971$ ,  $39.048$ ,  $39.125$ ,  $39.202$ ,  $39.279$ ,  $39.356$ ,  $39.433$ ,  $39.510$ ,  $39.587$ ,  $39.664$ ,  $39.741$ ,  $39.818$ ,  $39.895$ ,  $39.972$ ,  $40.049$ ,  $40.126$ ,  $40.203$ ,  $40.280$ ,  $40.357$ ,  $40.434$ ,  $40.511$ ,  $40.588$ ,  $40.665$ ,  $40.742$ ,  $40.819$ ,  $40.896$ ,  $40.973$ ,  $41.050$ ,  $41.127$ ,  $41.204$ ,  $41.281$ ,  $41.358$ ,  $41.435$ ,  $41.512$ ,  $41.589$ ,  $41.666$ ,  $41.743$ ,  $41.820$ ,  $41.897$ ,  $41.974$ ,  $42.051$ ,  $42.128$ ,  $42.205$ ,  $42.282$ ,  $42.359$ ,  $42.436$ ,  $42.513$ ,  $42.590$ ,  $42.667$ ,  $42.744$ ,  $42.821$ ,  $42.898$ ,  $42.975$ ,  $43.052$ ,  $43.129$ ,  $43.206$ ,  $43.283$ ,  $43.360$ ,  $43.437$ ,  $43.514$ ,  $43.591$ ,  $43.668$ ,  $43.745$ ,  $43.822$ ,  $43.899$ ,  $43.976$ ,  $44.053$ ,  $44.130$ ,  $44.207$ ,  $44.284$ ,  $44.361$ ,  $44.438$ ,  $44.515$ ,  $44.592$ ,  $44.669$ ,  $44.746$ ,  $44.823$ ,  $44.900$ ,  $44.977$ ,  $45.054$ ,  $45.131$ ,  $45.208$ ,  $45.285$ ,  $45.362$ ,  $45.439$ ,  $45.516$ ,  $45.593$ ,  $45.670$ ,  $45.747$ ,  $45.824$ ,  $45.901$ ,  $45.978$ ,  $46.055$ ,  $46.132$ ,  $46.209$ ,  $46.286$ ,  $46.363$ ,  $46.440$ ,  $46.517$ ,  $46.594$ ,  $46.671$ ,  $46.748$ ,  $46.825$ ,  $46.902$ ,  $46.979$ ,  $47.056$ ,  $47.133$ ,  $47.210$ ,  $47.287$ ,  $47.364$ ,  $47.441$ ,  $47.518$ ,  $47.595$ ,  $47.672$ ,  $47.749$ ,  $47.826$ ,  $47.903$ ,  $47.980$ ,  $48.057$ ,  $48.134$ ,  $48.211$ ,  $48.288$ ,  $48.365$ ,  $48.442$ ,  $48.519$ ,  $48.596$ ,  $48.673$ ,  $48.750$ ,  $48.827$ ,  $48.904$ ,  $48.981$ ,  $49.058$ ,  $49.135$ ,  $49.212$ ,  $49.289$ ,  $49.366$ ,  $49.443$ ,  $49.520$ ,  $49.597$ ,  $49.674$ ,  $49.751$ ,  $49.828$ ,  $49.905$ ,  $49.982$ ,  $50.059$ ,  $50.136$ ,  $50.213$ ,  $50.290$ ,  $50.367$ ,  $50.444$ ,  $50.521$ ,  $50.598$ ,  $50.675$ ,  $50.752$ ,  $50.829$ ,  $50.906$ ,  $50.983$ ,  $51.060$ ,  $51.137$ ,  $51.214$ ,  $51.291$ ,  $51.368$ ,  $51.445$ ,  $51.522$ ,  $51.599$ ,  $51.676$ ,  $51.753$ ,  $51.830$ ,  $51.907$ ,  $51.984$ ,  $52.061$ ,  $52.138$ ,  $52.215$ ,  $52.292$ ,  $52.369$ ,  $52.446$ ,  $52.523$ ,  $52.600$ ,  $52.677$ ,  $52.754$ ,  $52.831$ ,  $52.908$ ,  $52.985$ ,  $53.062$ ,  $53.139$ ,  $53.216$ ,  $53.293$ ,  $53.370$ ,  $53.447$ ,  $53.524$ ,  $53.601$ ,  $53.678$ ,  $53.755$ ,  $53.832$ ,  $53.909$ ,  $53.986$ ,  $54.063$ ,  $54.140$ ,  $54.217$ ,  $54.294$ ,  $54.371$ ,  $54.448$ ,  $54.525$ ,  $54.602$ ,  $54.679$ ,  $54.756$ ,  $54.833$ ,  $54.910$ ,  $54.987$ ,  $55.064$ ,  $55.141$ ,  $55.218$ ,  $55.295$ ,  $55.372$ ,  $55.449$ ,  $55.526$ ,  $55.603$ ,  $55.680$ ,  $55.757$ ,  $55.834$ ,  $55.911$ ,  $55.988$ ,  $56.065$ ,  $56.142$ ,  $56.219$ ,  $56.296$ ,  $56.373$ ,  $56.450$ ,  $56.527$ ,  $56.604$ ,  $56.681$ ,  $56.758$ ,  $56.835$ ,  $56.912$ ,  $56.989$ ,  $57.066$ ,  $57.143$ ,  $57.220$ ,  $57.297$ ,  $57.374$ ,  $57.451$ ,  $57.528$ ,  $57.605$ ,  $57.682$ ,  $57.759$ ,  $57.836$ ,  $57.913$ ,  $57.990$ ,  $58.067$ ,  $58.144$ ,  $58.221$ ,  $58.298$ ,  $58.375$ ,  $58.452$ ,  $58.529$ ,  $58.606$ ,  $58.683$ ,  $58.760$ ,  $58.837$ ,  $58.914$ ,  $58.991$ ,  $59.068$ ,  $59.145$ ,  $59.222$ ,  $59.299$ ,  $59.376$ ,  $59.453$ ,  $59.530$ ,  $59.607$ ,  $59.684$ ,  $59.761$ ,  $59.838$ ,  $59.915$ ,  $59.992$ ,  $60.069$ ,  $60.146$ ,  $60.223$ ,  $60.300$ ,  $60.377$ ,  $60.454$ ,  $60.531$ ,  $60.608$ ,  $60.685$ ,  $60.762$ ,  $60.839$ ,  $60.916$ ,  $60.993$ ,  $61.070$ ,  $61.147$ ,  $61.224$ ,  $61.301$ ,  $61.378$ ,  $61.455$ ,  $61.532$ ,  $61.609$ ,  $61.686$ ,  $61.763$ ,  $61.840$ ,  $61.917$ ,  $61.994$ ,  $62.071$ ,  $62.148$ ,  $62.225$ ,  $62.302$ ,  $62.379$ ,  $62.456$ ,  $62.533$ ,  $62.610$ ,  $62.687$ ,  $62.764$ ,  $62.841$ ,  $62.918$ ,  $62.995$ ,  $63.072$ ,  $63.149$ ,  $63.226$ ,  $63.303$ ,  $63.380$ ,  $63.457$ ,  $63.534$ ,  $63.611$ ,  $63.688$ ,  $63.765$ ,  $63.842$ ,  $63.919$ ,  $63.996$ ,  $64.073$ ,  $64.150$ ,  $64.227$ ,  $64.304$ ,  $64.381$ ,  $64.458$ ,  $64.535$ ,  $64.612$ ,  $64.689$ ,  $64.766$ ,  $64.843$ ,  $64.920$ ,  $64.997$ ,  $65.074$ ,  $65.151$ ,  $65.228$ ,  $65.305$ ,  $65.382$ ,  $65.459$ ,  $65.536$ ,  $65.613$ ,  $65.690$ ,  $65.767$ ,  $65.844$ ,  $65.921$ ,  $65.998$ ,  $66.075$ ,  $66.152$ ,  $66.229$ ,  $66.306$ ,  $66.383$ ,  $66.460$ ,  $66.537$ ,  $66.614$ ,  $66.691$ ,  $66.768$ ,  $66.845$ ,  $66.922$ ,  $66.999$ ,  $67.076$ ,  $67.153$ ,  $67.230$ ,  $67.307$ ,  $67.384$ ,  $67.461$ ,  $67.538$ ,  $67.615$ ,  $67.692$ ,  $67.769$ ,  $67.846$ ,  $67.923$ ,  $68.000$ ,  $68.077$ ,  $68.154$ ,  $68.231$ ,  $68.308$ ,  $68.385$ ,  $68.462$ ,  $68.539$ ,  $68.616$ ,  $68.693$ ,  $68.770$ ,  $68.847$ ,  $68.924$ ,  $69.001$ ,  $69.078$ ,  $69.155$ ,  $69.232$ ,  $69.309$ ,  $69.386$ ,  $69.463$ ,  $69.540$ ,  $69.617$ ,  $69.694$ ,  $69.771$ ,  $69.848$ ,  $69.925$ ,  $70.002$ ,  $70.079$ ,  $70.156$ ,  $70.233$ ,  $70.310$ ,  $70.387$ ,  $70.464$ ,  $70.541$ ,  $70.618$ ,  $70.695$ ,  $70.772$ ,  $70.849$ ,  $70.926$ ,  $71.003$ ,  $71.080$ ,  $71.157$ ,  $71.234$ ,  $71.311$ ,  $71.388$ ,  $71.465$ ,  $71.542$ ,  $71.619$ ,  $71.696$ ,  $71.773$ ,  $71.850$ ,  $71.927$ ,  $72.004$ ,  $72.081$ ,  $72.158$ ,  $72.235$ ,  $72.312$ ,  $72.389$ ,  $72.466$ ,  $72.543$ ,  $72.620$ ,  $72.697$ ,  $72.774$ ,  $72.851$ ,  $72.928$ ,  $73.005$ ,  $73.082$ ,  $73.159$ ,  $73.236$ ,  $73.313$ ,  $73.390$ ,  $73.467$ ,  $73.544$ ,  $73.621$ ,  $73.698$ ,  $73.775$ ,  $73.852$ ,  $73.929$ ,  $74.006$ ,  $74.083$ ,  $74.160$ ,  $74.237$ ,  $74.314$ ,  $74.391$ ,  $74.468$ ,  $74.545$ ,  $74.622$ ,  $74.699$ ,  $74.776$ ,  $74.853$ ,  $74.930$ ,  $75.007$ ,  $75.084$ ,  $75.161$ ,  $75.238$ ,  $75.315$ ,  $75.392$ ,  $75.469$ ,  $75.546$ ,  $75.623$ ,  $75.700$ ,  $75.777$ ,  $75.854$ ,  $75.931$ ,  $76.008$ ,  $76.085$ ,  $76.162$ ,  $76.239$ ,  $76.316$ ,  $76.393$ ,  $76.470$ ,  $76.547$ ,  $76.624$ ,  $76.701$ ,  $76.778$ ,  $76.855$ ,  $76.932$ ,  $77.009$ ,  $77.086$ ,  $77.163$ ,  $77.240$ ,  $77.317$ ,  $77.394$ ,  $77.471$ ,  $77.548$ ,  $77.625$ ,  $77.702$ ,  $77.779$ ,  $77.856$ ,  $77.933$ ,  $78.010$ ,  $78.087$ ,  $78.164$ ,  $78.241$ ,  $78.318$ ,  $78.395$ ,  $78.472$ ,  $78.549$ ,  $78.626$ ,  $78.703$ ,  $78.780$ ,  $78.857$ ,  $78.934$ ,  $79.011$ ,  $79.088$ ,  $79.165$ ,  $79.242$ ,  $79.319$ ,  $79.396$ ,  $79.473$ ,  $79.550$ ,  $79.627$ ,  $79.704$ ,  $79.781$ ,  $79.858$ ,  $79.935$ ,  $80.012$ ,  $80.089$ ,  $80.166$ ,  $80.243$ ,  $80.320$ ,  $80.397$ ,  $80.474$ ,  $80.551$ ,  $80.628$ ,  $80.705$ ,  $80.782$ ,  $80.859$ ,  $80.936$ ,  $81.013$ ,  $81.090$ ,  $81.167$ ,  $81.244$ ,  $81.321$ ,  $81.398$ ,  $81.475$ ,  $81.552$ ,  $81.629$ ,  $81.706$ ,  $81.783$ ,  $81.860$ ,  $81.937$ ,  $82.014$ ,  $82.091$ ,  $82.168$ ,  $82.245$ ,  $82.322$ ,  $82.399$ ,