

63

| | |
|--|----|
| St. Shelter to Observations | 2 |
| No. 10. via to So. L. LAUREL | 3 |
| St. Observations to 10. LAUREL | 10 |
| St. Prospect to Blvd. | 12 |
| HY ST California to Atlantic | 16 |
| ST STATE ST to COLUMBIA | 20 |
| ST. 2nd - 4th | 22 |
| " Cedar - Elm | 24 |
| Atlantic to California St | 26 |
| OF NATIONAL AVE. BETWEEN 32 ND TO 39 TH ST | 29 |

G63

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

| Degrees. | DEGREES. | | ½ DEGREE. | | ¼ DEGREE. | | ¼ DEGREE. | | Degrees. |
|----------|----------|-------|-----------|-------|-----------|-------|-----------|-------|----------|
| | Lat. | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | Dep. | |
| 0 | | | 100.00 | 0.44 | 100.00 | 0.87 | 99.99 | 1.31 | 89 |
| 1 | 99.98 | 1.75 | 99.98 | 2.18 | 99.97 | 2.62 | 99.95 | 3.05 | 88 |
| 2 | 99.94 | 3.49 | 99.92 | 3.93 | 99.91 | 4.36 | 99.88 | 4.80 | 87 |
| 3 | 99.86 | 5.23 | 99.84 | 5.67 | 99.81 | 6.10 | 99.79 | 6.54 | 86 |
| 4 | 99.76 | 6.98 | 99.73 | 7.41 | 99.69 | 7.85 | 99.66 | 8.28 | 85 |
| 5 | 99.62 | 8.72 | 99.58 | 9.15 | 99.54 | 9.58 | 99.50 | 10.02 | 84 |
| 6 | 99.45 | 10.45 | 99.41 | 10.89 | 99.36 | 11.32 | 99.31 | 11.75 | 83 |
| 7 | 99.25 | 12.19 | 99.20 | 12.62 | 99.14 | 13.05 | 99.09 | 13.49 | 82 |
| 8 | 99.03 | 13.92 | 98.97 | 14.35 | 98.90 | 14.78 | 98.84 | 15.21 | 81 |
| 9 | 98.77 | 15.64 | 98.70 | 16.07 | 98.63 | 16.50 | 98.56 | 16.93 | 80 |
| 10 | 98.48 | 17.36 | 98.40 | 17.79 | 98.33 | 18.22 | 98.25 | 18.65 | 79 |
| 11 | 98.16 | 19.08 | 98.08 | 19.51 | 97.99 | 19.94 | 97.90 | 20.36 | 78 |
| 12 | 97.81 | 20.79 | 97.72 | 21.22 | 97.63 | 21.64 | 97.53 | 22.07 | 77 |
| 13 | 97.44 | 22.50 | 97.34 | 22.92 | 97.24 | 23.34 | 97.13 | 23.77 | 76 |
| 14 | 97.03 | 24.19 | 96.92 | 24.62 | 96.81 | 25.04 | 96.70 | 25.46 | 75 |
| 15 | 96.59 | 25.88 | 96.48 | 26.30 | 96.36 | 26.72 | 96.25 | 27.14 | 74 |
| 16 | 96.13 | 27.56 | 96.00 | 27.98 | 95.88 | 28.40 | 95.76 | 28.82 | 73 |
| 17 | 95.63 | 29.24 | 95.50 | 29.65 | 95.37 | 30.07 | 95.24 | 30.49 | 72 |
| 18 | 95.11 | 30.90 | 94.97 | 31.32 | 94.83 | 31.73 | 94.69 | 32.14 | 71 |
| 19 | 94.55 | 32.56 | 94.41 | 32.97 | 94.26 | 33.38 | 94.12 | 33.79 | 70 |
| 20 | 93.97 | 34.20 | 93.82 | 34.61 | 93.67 | 35.02 | 93.51 | 35.43 | 69 |
| 21 | 93.36 | 35.84 | 93.20 | 36.24 | 93.04 | 36.65 | 92.88 | 37.06 | 68 |
| 22 | 92.72 | 37.46 | 92.55 | 37.86 | 92.39 | 38.27 | 92.22 | 38.67 | 67 |
| 23 | 92.05 | 39.07 | 91.88 | 39.47 | 91.71 | 39.87 | 91.56 | 40.27 | 66 |
| 24 | 91.35 | 40.67 | 91.18 | 41.07 | 91.00 | 41.47 | 90.81 | 41.87 | 65 |
| 25 | 90.63 | 42.26 | 90.45 | 42.66 | 90.26 | 43.05 | 90.07 | 43.44 | 64 |
| 26 | 89.88 | 43.84 | 89.69 | 44.23 | 89.49 | 44.62 | 89.30 | 45.01 | 63 |
| 27 | 89.10 | 45.40 | 88.90 | 45.79 | 88.70 | 46.17 | 88.50 | 46.56 | 62 |
| 28 | 88.29 | 46.95 | 88.09 | 47.33 | 87.88 | 47.72 | 87.67 | 48.10 | 61 |
| 29 | 87.46 | 48.48 | 87.25 | 48.86 | 87.04 | 49.24 | 86.82 | 49.62 | 60 |
| 30 | 86.60 | 50.00 | 86.38 | 50.38 | 86.16 | 50.75 | 85.94 | 51.13 | 59 |
| 31 | 85.72 | 51.50 | 85.49 | 51.88 | 85.26 | 52.25 | 85.04 | 52.62 | 58 |
| 32 | 84.80 | 52.99 | 84.57 | 53.36 | 84.34 | 53.73 | 84.10 | 54.10 | 57 |
| 33 | 83.87 | 54.46 | 83.63 | 54.83 | 83.39 | 55.19 | 83.15 | 55.56 | 56 |
| 34 | 82.90 | 55.92 | 82.66 | 56.28 | 82.41 | 56.64 | 82.16 | 57.00 | 55 |
| 35 | 81.92 | 57.36 | 81.66 | 57.71 | 81.41 | 58.07 | 81.16 | 58.42 | 54 |
| 36 | 80.90 | 58.78 | 80.64 | 59.13 | 80.39 | 59.48 | 80.13 | 59.83 | 53 |
| 37 | 79.86 | 60.18 | 79.60 | 60.53 | 79.34 | 60.88 | 79.07 | 61.22 | 52 |
| 38 | 78.80 | 61.57 | 78.53 | 61.91 | 78.26 | 62.25 | 77.99 | 62.59 | 51 |
| 39 | 77.71 | 62.93 | 77.44 | 63.27 | 77.16 | 63.61 | 76.88 | 63.94 | 50 |
| 40 | 76.60 | 64.28 | 76.32 | 64.61 | 76.04 | 64.94 | 75.76 | 65.28 | 49 |
| 41 | 75.47 | 65.61 | 75.18 | 65.93 | 74.90 | 66.26 | 74.61 | 66.59 | 48 |
| 42 | 74.31 | 66.91 | 74.02 | 67.24 | 73.73 | 67.56 | 73.43 | 67.88 | 47 |
| 43 | 73.14 | 68.20 | 72.84 | 68.52 | 72.54 | 68.84 | 72.24 | 69.15 | 46 |
| 44 | 71.93 | 69.47 | 71.63 | 69.78 | 71.33 | 70.09 | 71.02 | 70.40 | 45 |
| 45 | 70.71 | 70.71 | | | | | | | |
| Degrees. | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | Degrees. |
| Degrees. | DEGREES. | | ½ DEGREE. | | ¼ DEGREE. | | ¼ DEGREE. | | Degrees. |

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

Book no. 63
 Date _____
 Name _____

FROM
 LORINGS BOOK STORE
 San Diego, Cal.

MICROFILMED

DEC 4 1964

1000 1 2

Rosecrans

St

at 6" Dist

Spks

19.0

19.0

St

Con Blair

11.0

11.0

Scott

St

10.5

10.5

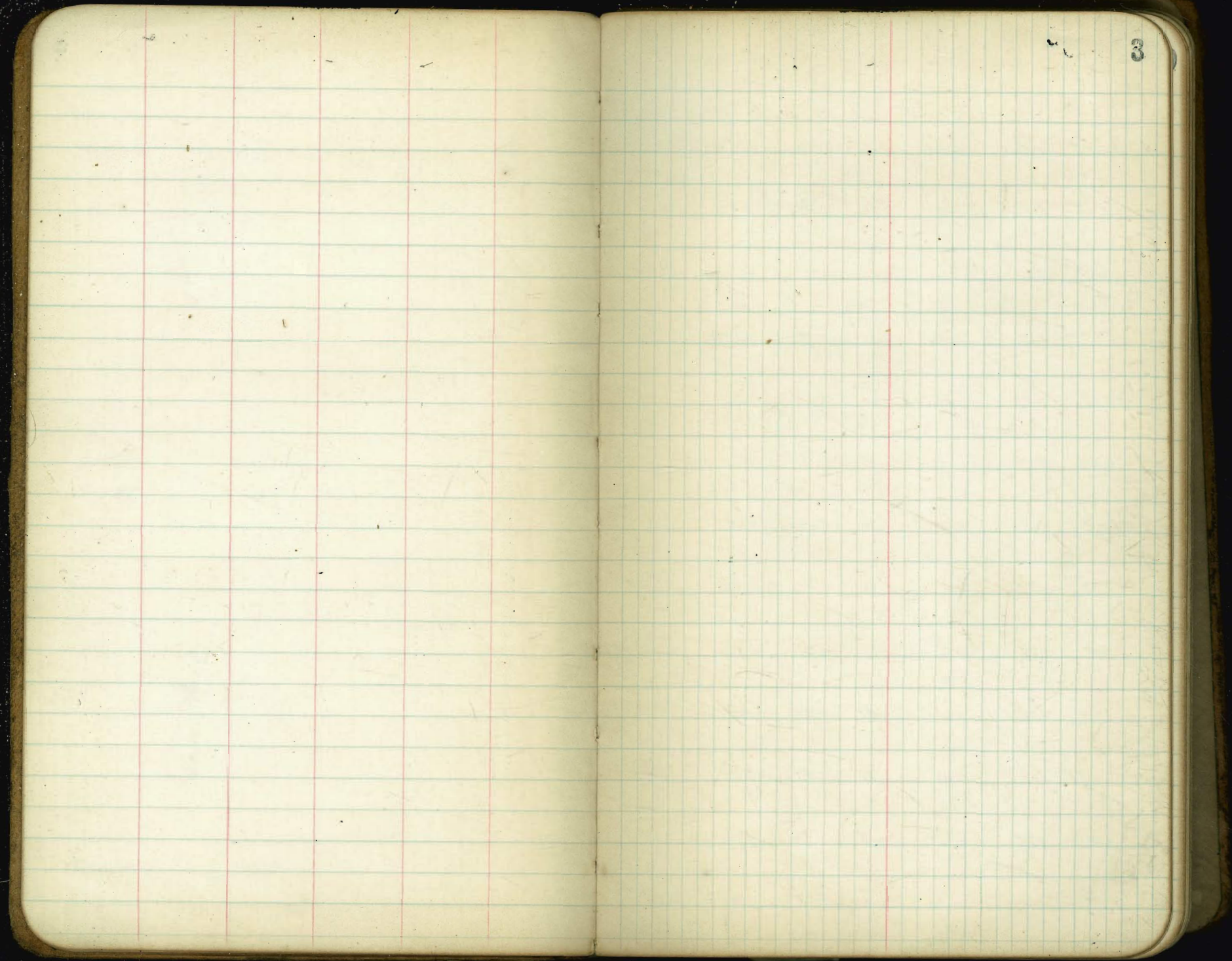
New Main

X 30 X 2.5
201

2.5

Shafter

St



S. Line of Scott St.

| | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|
| 300 | 10.75 | 10.50 | 10.10 | 10.50 | 10.10 | 10.50 | 10.75 |
| 275 | 10.08 | 9.83 | 9.43 | 9.83 | 9.43 | 9.83 | 10.08 |
| 250 | 9.42 | 9.17 | 8.76 | 9.17 | 8.76 | 9.17 | 9.42 |
| 225 | 8.75 | 8.50 | 8.09 | 8.50 | 8.09 | 8.50 | 8.75 |
| 200 | 8.08 | 7.83 | 7.43 | 7.83 | 7.43 | 7.83 | 8.08 |
| 175 | 7.42 | 7.17 | 6.76 | 7.17 | 6.76 | 7.17 | 7.42 |
| 150 | 6.75 | 6.50 | 6.09 | 6.50 | 6.09 | 6.50 | 6.75 |
| 125 | 6.08 | 5.83 | 5.43 | 5.83 | 5.43 | 5.83 | 6.08 |
| 100 | 5.42 | 5.17 | 4.76 | 5.17 | 4.76 | 5.17 | 5.42 |
| 75 | 4.75 | 4.50 | 4.09 | 4.50 | 4.09 | 4.50 | 4.75 |
| 50 | 4.08 | 3.83 | 3.43 | 3.83 | 3.43 | 3.83 | 4.08 |
| 25 | 3.41 | 3.16 | 2.76 | 3.16 | 2.76 | 3.16 | 3.41 |
| 0 | 2.75 | 2.50 | 2.10 | 2.50 | 2.10 | 2.50 | 2.75 |

1374 H3

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 | 1374 |
| 1.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

1-24-12

16.15 43

8.08
8.08
2.22
10.30

15.51 43

7.49
8.07
2.14
10.33

15.25 21.0

7.10
6.75
3.44
9.59

| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 1050 | 917 | 783 | 650 | 517 | 383 | 250 | 1050 |
| 5.10 | 6.96 | 8.30 | 3.83 | 5.17 | 6.50 | 7.83 | 5.10 |

| | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|
| 1050 | 1010 | 917 | 876 | 783 | 743 | 650 | 610 | 517 | 476 |
| 5.06 | 5.76 | 6.40 | 2.80 | 3.73 | 3.10 | 3.93 | 4.20 | 3.16 | 3.33 |

all in 2-15-12

| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 1050 | 1010 | 917 | 876 | 783 | 743 | 650 | 610 |
| 5.15 | 5.17 | 6.48 | 6.37 | 7.82 | 8.22 | 9.11 | 9.35 |
| 5.17 | 4.76 | 5.83 | 3.40 | 3.82 | 2.10 | 2.09 | 5.19 |
| 4.42 | 4.83 | 5.76 | 6.16 | 7.09 | 5.19 | | |

Checked Road OK Sidewalks High
3-7-12 OK

W.

No. Line

Scott

Fi.

15.68 43

10.75
4.70

11.25 11.00 10.60 11.00 10.60 11.00 11.25

2-28-12 Labeled OK Blauy

11.00 11.00 10.53 10.93 10.53 11.00 11.00
10.0 10.0

10.60 9.87 10.44 10.84 10.44 9.87 10.60

Scott

10.75 9.75 10.35 10.75 10.35 9.75 10.75

St.

10.23 9.63 10.26 10.66 10.26 9.63 10.23

10.50 9.5 10.17 10.57 10.17 9.5 10.50

10.75 10.50 10.10 10.50 10.10 10.50 10.75

No. Line Scott

West. So. Line ROSECRAMS E.

| | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|
| 200 | 19.25 | 19.00 | 18.60 | 19.00 | 18.60 | 19.00 | 19.25 |
| 225 | 18.58 | 18.33 | 17.93 | 18.33 | 17.93 | 18.33 | 18.58 |
| 250 | 17.92 | 17.67 | 17.27 | 17.67 | 17.27 | 17.67 | 17.92 |
| 225 | 17.25 | 17.00 | 16.60 | 17.00 | 16.60 | 17.00 | 17.25 |
| 200 | 16.58 | 16.33 | 15.93 | 16.33 | 15.93 | 16.33 | 16.58 |
| 175 | 15.92 | 15.67 | 15.27 | 15.67 | 15.27 | 15.67 | 15.92 |
| 150 | 15.25 | 15.00 | 14.60 | 15.00 | 14.60 | 15.00 | 15.25 |
| 125 | 14.58 | 14.33 | 13.93 | 14.33 | 13.93 | 14.33 | 14.58 |
| 100 | 13.92 | 13.67 | 13.27 | 13.67 | 13.27 | 13.67 | 13.92 |
| 75 | 13.25 | 13.00 | 12.60 | 13.00 | 12.60 | 13.00 | 13.25 |
| 50 | 12.58 | 12.33 | 11.93 | 12.33 | 11.93 | 12.33 | 12.58 |
| 25 | 11.92 | 11.67 | 11.27 | 11.67 | 11.27 | 11.67 | 11.92 |
| 0 | 11.25 | 11.00 | 10.60 | 11.00 | 10.60 | 11.00 | 11.25 |

No. 1. Scott St.

2099 On Sp. 15 SW. Co. Building

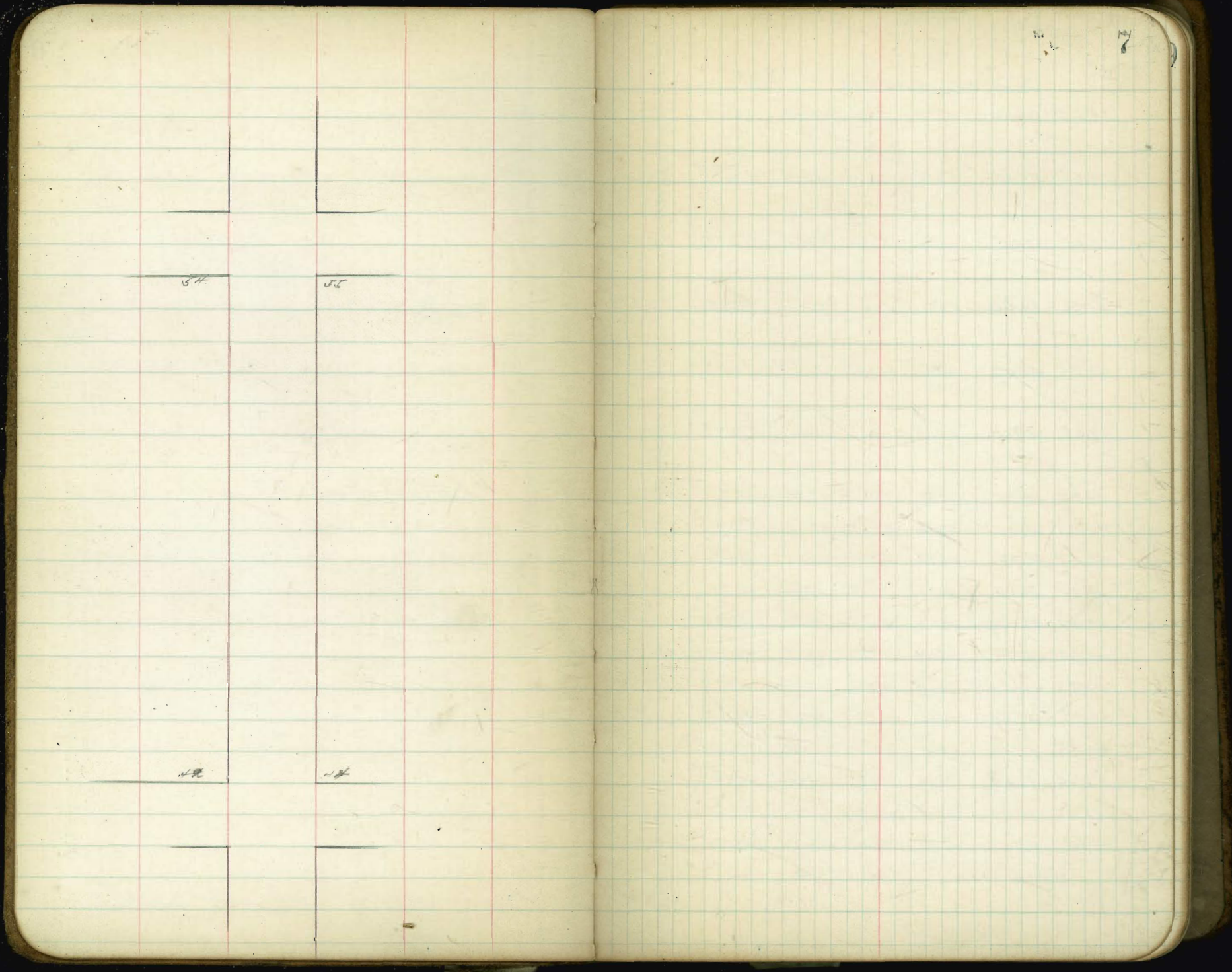
| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 21.49 | 21.49 | 21.49 | 21.49 | 21.49 | 21.49 | 21.49 | 21.49 | 21.49 | 21.49 | 21.49 | 21.49 |
| 8.85 | 2.4 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 12.64 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 110. | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 12.74 (4) | 2.149 | 2.149 | 2.149 | 2.149 | 2.149 | 2.149 | 2.149 | 2.149 | 2.149 | 2.149 | 2.149 |
| | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

6.94E

1-24-12

Checked Road OK sidewalk 11/1

3-7-12



34

56

12

12

2

INDIA ST.

West.

East.

So. Line LAUREL ST.

| | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|
| 300 | 54.25 | 54.00 | 53.85 | 54.50 | 54.40 | 55.00 | 55.25 |
| 275 | 53.25 | 53.00 | 52.87 | 53.54 | 53.48 | 54.08 | 54.33 |
| 250 | 52.25 | 52.00 | 51.89 | 52.58 | 52.56 | 53.16 | 53.41 |
| 225 | 51.25 | 51.00 | 50.91 | 51.62 | 51.65 | 52.25 | 52.50 |
| 200 | 50.25 | 50.00 | 49.93 | 50.67 | 50.73 | 51.33 | 51.58 |
| 175 | 49.25 | 49.00 | 48.94 | 49.71 | 49.81 | 50.41 | 50.66 |
| 150 | 48.25 | 48.00 | 47.97 | 48.75 | 48.90 | 49.50 | 49.75 |
| 125 | 47.05 | 46.80 | 46.88 | 47.60 | 47.80 | 48.40 | 48.65 |
| 100 | 46.57 | 46.32 | 46.33 | 47.14 | 47.36 | 47.96 | 48.21 |
| 75 | 46.25 | 46.00 | 46.02 | 46.83 | 47.07 | 47.67 | 47.97 |
| 50 | 45.85 | 45.60 | 45.62 | 46.45 | 46.70 | 47.30 | 47.55 |
| 25 | 45.25 | 45.00 | 45.04 | 45.87 | 46.15 | 46.75 | 47.00 |
| 0 | 44.85 | 44.60 | 44.64 | 45.49 | 45.78 | 46.38 | 46.63 |
| 300 | 44.25 | 44.00 | 44.06 | 44.92 | 45.23 | 45.83 | 46.08 |
| 275 | 43.65 | 43.40 | 43.47 | 44.34 | 44.68 | 45.28 | 45.53 |
| 250 | 43.25 | 43.00 | 43.08 | 43.96 | 44.32 | 44.92 | 45.17 |
| 225 | 42.65 | 42.40 | 42.49 | 43.38 | 43.77 | 44.37 | 44.62 |
| 200 | 42.25 | 42.00 | 42.10 | 43.00 | 43.40 | 44.00 | 44.25 |

No. Line BALMIA ST.

715 W en

CALIFORNIA

ST

18.0

18.0

1.0

1.0

ATLANTIC

ST

No.

So.

11

West Line CALIFORNIA ST.

20 18.25 18.00 17.60 18.00 17.60 18.00 18.25

25 16.12 15.87 15.47 15.87 15.47 15.87 16.12

30 14.00 13.75 13.35 13.75 13.35 13.75 14.00

35 11.87 11.62 11.22 11.62 11.22 11.62 11.87

40 9.75 9.50 9.10 9.50 9.10 9.50 9.75

45 7.62 7.37 6.97 7.37 6.97 7.37 7.62

50 5.50 5.25 4.85 5.25 4.85 5.25 5.50

55 3.37 3.12 2.72 3.12 2.72 3.12 3.37

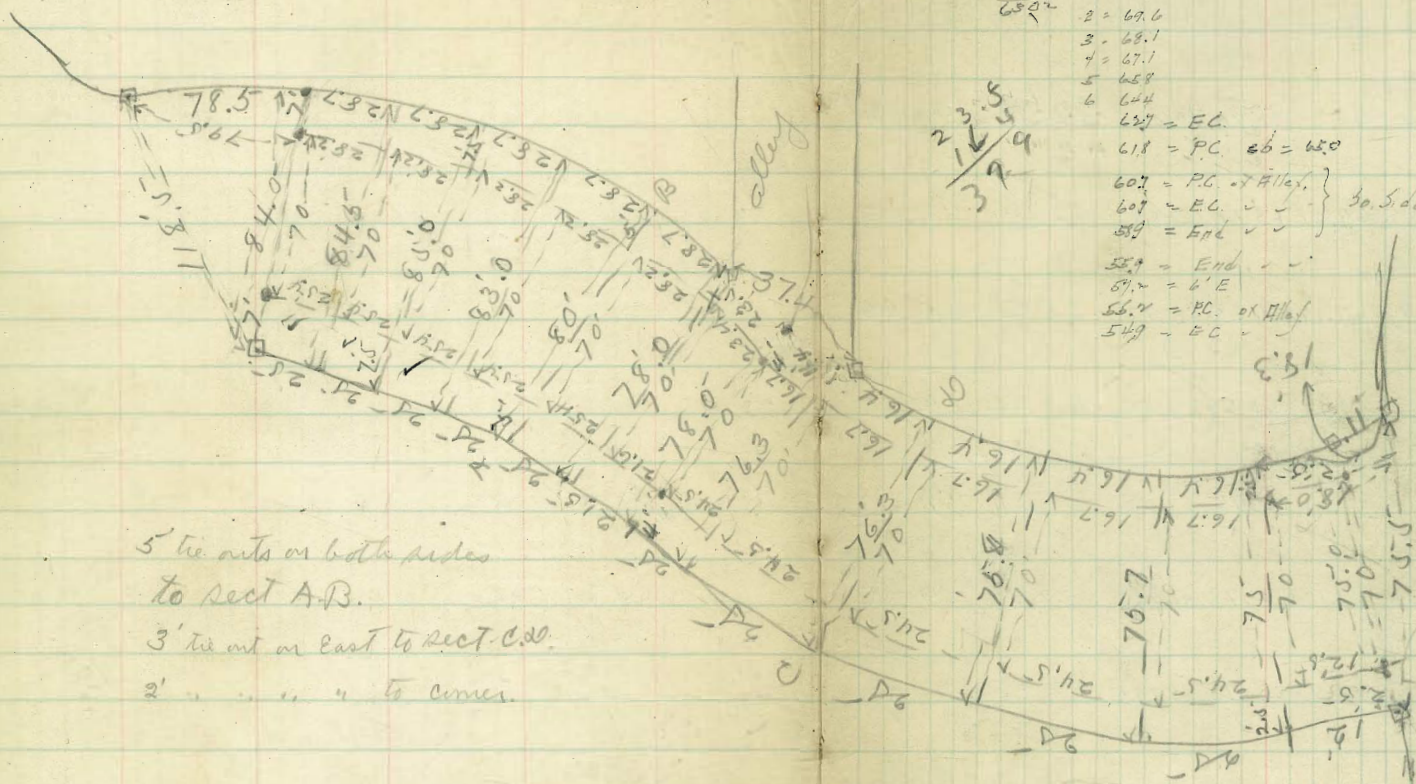
60 1.25 1.0 0.60 1.0 0.60 1.0 1.25

East Line ATLANTIC ST.

Curve

73.98 B.M.

74.0 74.0
50.5 48.5



5' tie into on both sides
to sect A.B.
3' tie into on east to sect C.D.
2' " " " to corners.

Street

739

Mar. 19/12
Leibold 12
Taylor
Bulaker

50.61
98.8
60.49

7398
08.0
7483
12.49
6234
068
6522

73.47 = paving
72.1
71.5 = pt.
1 = 71.0
2 = 69.6
3 = 68.1
4 = 67.1
5 = 65.8
6 = 64.4
637 = EC
618 = PC. 66 = 65.0
607 = P.C. of Alley
609 = E.C. " } 30.5 do
589 = End " }
559 = End " }
572 = 6'E
564 = P.C. of Alley
549 = E.C. "

3
2
1
3
2
1

49.2

1 = 68904

53.7 = 1
52.3 = 2
51.0 = E.C. 52.1

60.49 50 52.04
10.47 8.46
53.7 54.30 55.43
73.0 6.7 5.26
56.09 57.00
4.10 3.49
59.76 60.85
1.08 1.08
62.34 11.25 59.50
8.87 11.71
71.21 65.25 66.54
70.1 5.96 4.67
77.7 67.83 69.12
64.13 70.61 71.59
9.08 70.50 5.70
63 64.6 73.14
8.24 72.49 4.3
63.96 17.8 4.3
7.25 EVC
73.54
3.73
73.90
3.37

Currier St.

East Northline Prospect St. West

74.00 74.25
73.63

74.25 74.00 73.40 73.00 72.10 72.00 72.25

72.15 71.90 71.30 70.90 70.00 69.89 70.14

70.05 69.80 69.20 68.79 67.88 67.78 68.03

67.94 67.69 67.09 66.68 65.77 65.67 65.92

65.84 65.59 64.99 64.57 63.66 63.56 63.81

63.73 63.48 62.88 62.46 61.55 61.45 61.70

61.95 61.70 61.10 60.70 59.88 59.70 59.95

59.91 59.66 59.06 58.75 57.90 57.85 58.10

57.88 57.63 57.03 56.82 56.01 56.01 56.26

55.85 55.60 55.00 54.89 54.13 54.17 54.42

53.82 53.57 52.97 52.95 52.24 52.33 52.58

51.79 51.54 50.94 51.02 50.36 50.49 50.74

50.75 50.50 49.90 49.50 48.60 48.50 48.75

70' Street 10' walks

100] 46.00 - 1.09
25.97 13
6.75

73.98
72.25
3.76
11.70
52.63
62.25
8.26
12.06
14.9

6.20
54.83 HI
51.81
73.98
1.55
75.53 HI
72.25
3.28
6.58
-3.3

6.1
69.75
5.76
19.4
-3.6
12.00
63.57 J.P.
0.82
64.33 HI
57.88
6.45
4.1
+2.4

67.94
65.84
7.57
7.47
+0.1
61.94
13.57
10.57
+2.7
+3.2

74.15
70.05
3.36
2.32
+1.0
63.73
11.78
8.78
+3.0

73.40
72.10
72.00
72.25
72.15
71.80
72.15
72.25
72.15
72.15

70.05 69.80 68.40 67.00 67.25 64.76 64.51 66.10 67.69 67.94
4.32 4.57 5.97 7.37 7.12 9.61 9.56 8.27 6.68 6.43

61.84 61.59 63.50 62.02 62.27 63.73 63.19 61.51
8.53 8.78 10.57 12.35 12.10 10.64 10.89 12.36

61.45 61.70 59.91 59.70 60.70 61.20
2.54 2.29 4.04 4.29 3.29 2.29

61.45
0.99
62.44 HI
59.10 57.85 58.75 63.81 63.56 68.03 67.78 68.79 66.68
4.34 4.87 3.69 10.64 10.89 6.42 6.67 5.86 7.77

59.66 59.91
2.78 2.53

57.88 57.63 56.82 56.26 54.42 54.17 54.89 55.60 55.85 49.90
4.56 4.81 5.62 6.43 6.18 8.02 8.27 7.55 6.84 6.59 12.06

53.82 53.57 52.95 52.33 52.58 50.74 50.49 51.02 51.14 51.79 48.60
8.62 8.87 9.49 10.11 9.86 11.70 11.95 11.42 10.90 10.65 13.36

50.75 50.50 49.90 48.50 48.75
11.69 11.94 12.94

73.98
71.54 HI
73.40
7.14

71.20
69.20
5.34 6.78
6.66

73.98
12.4 HI
75.22 HI
15.46
62.26
67.04 HI
65.92
9.30
63.44

71.10 71.00 71.10 72.00 72.25
7.22 7.13 7.13 7.13 7.13

71.00 70.00 69.20 68.79 67.88 67.78 68.03
1.00 1.00 1.00 1.00 1.00 1.00 1.00

71.00 70.00 69.20 68.79 67.88 67.78 68.03
1.00 1.00 1.00 1.00 1.00 1.00 1.00

73.98

~~389~~

77.87 H.I.

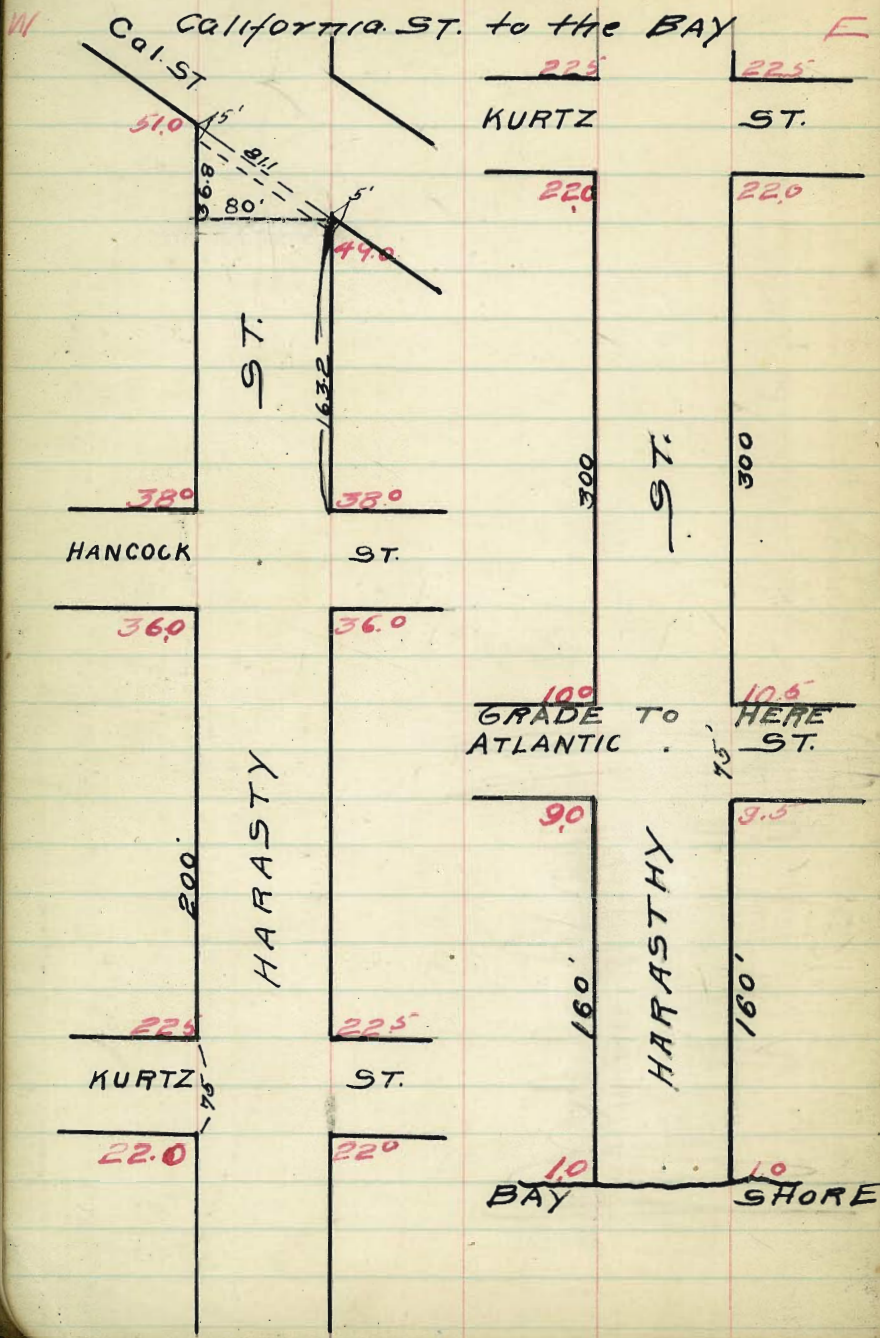
74.00

387

73.63

4.24

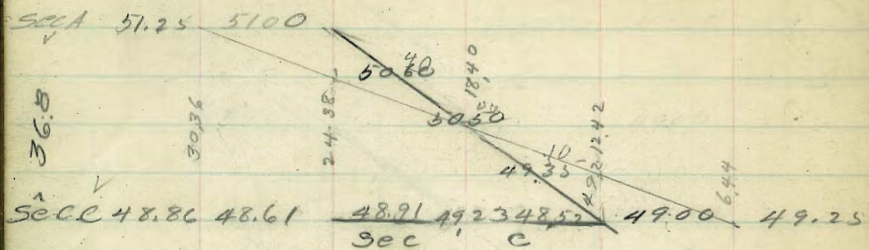
HARASTHY ST.



Correct if BIK IS 200' Long on West Side

HARASTHY STREET

South Line of California ST.



Sec C 48.86 48.61 48.91 49.23 48.52 49.00 49.25

25 47.23 46.98 47.18 47.51 46.88 47.32 47.57

50 45.61 45.36 45.44 45.79 45.17 45.63 45.88

75 43.98 43.73 43.71 44.07 43.50 43.95 44.20

100 42.36 42.11 41.98 42.35 41.83 42.26 42.51

125 40.73 40.48 40.25 40.63 40.16 40.58 40.83

150 39.11 38.86 38.51 38.91 38.48 38.89 39.14

163.2 38.25 38.00 37.60 38.00 37.60 38.00 38.24

N. Line of HANCOCK GRADED.

| | | | | | |
|-------|------|-------|-------|-------|------|
| 1.12 | 5302 | 5302 | 5302 | 5302 | 4123 |
| 24.61 | 4725 | 48.21 | 45.01 | 42.51 | 2.25 |
| 12.86 | 327 | 4.16 | 7.41 | 10.51 | 2.78 |
| 52.65 | 327 | 6.16 | 9.20 | 13.20 | 2.18 |
| 327 | -01 | -2.0 | -1.8 | -1.7 | -0.2 |
| 5302 | 5302 | 5302 | 5302 | 4123 | |
| 47.13 | 5128 | 45.88 | 42.35 | 38.35 | |
| 1.0 | 1.77 | 7.14 | 10.66 | 14.78 | |
| 4123 | -04 | -0.6 | -0.5 | -0.4 | |

| | | | | | | | | |
|-------|------------|------|------|------|-------|------|------|-------|
| 6343 | min | 5102 | 4902 | 380 | 6343 | | | |
| 1.00 | | 4.4 | 2.44 | 4.24 | 1.70 | | | |
| 6443 | | | | | 65.13 | | | |
| 13.11 | | | | | 11.78 | | | |
| 51.33 | | | | | 53.35 | | | |
| 1.00 | | | | | 1.66 | | | |
| 51.74 | | | | | 54.01 | 51.2 | 5000 | 49.10 |
| 9.81 | | | | | 1.70 | 3.01 | 4.07 | 3.01 |
| 41.63 | | | | | 41.31 | | | |
| 42.54 | | | | | 1.26 | | | |
| 3.78 | | | | | 42.57 | 2800 | | |
| 38.08 | TP 2A 14.2 | | | | 3.76 | 4.2 | | |
| 38.84 | | | | | 38.81 | | | |

SOUTH LINE of HANCOCK

00 36.25 36.00 35.40 36.00 35.40 36.00 36.25

25 34.56 34.31 33.91 34.31 33.91 34.31 34.56

50 32.88 32.63 32.23 32.63 32.23 32.63 32.88

75 31.19 30.94 30.54 30.94 30.54 30.94 31.19

100 29.50 29.25 28.85 29.25 28.85 29.25 29.50

125 27.81 27.56 27.16 27.56 27.16 27.56 27.81

150 26.13 25.88 25.48 25.88 25.48 25.88 26.13

175 24.44 24.19 23.79 24.19 23.79 24.19 24.44

200 22.75 22.50 22.10 22.50 22.10 22.50 22.75

NORTH LINE of KURTZ ST

41.23 41.23 41.23 41.23 41.23 21.58 3876
 12.91 36.25 32.88 29.50 26.13 22.75
 23.32 7.98 8.35 11.73 15.10 7.43
 11.56 4.55 2.95 9.23 14.60 2.13
 29.88 H. E + 0.4 - 0.6 + 2.7 + 0.5 0.0

4.98 5.35 11.73 15.10 7.13
 0.18 7.25 10.05 11.10 6.83
 W - 0.2 + 1.1 + 1.1 + 1.0 + 0.3

3884 H. 36.4 32.63 29.25 25.88 22.50
 2.84 6.44 9.23 5.68 9.06
 3876 0.31 39.07 39.07 28.91 28.91 28.91
 3876 39.07 39.07 28.91 28.91 28.91
 9.51 12.95 6.19 2.78 6.46 6.60
 29.58 26.13 6.44 9.23 8.13 6.71
 1.31 2.72 28.91 H. 1/10 center property
 31.45 28.91 H. 1/10 Dangle
 1/10 Shaw's
 1/10 here

3876 36.25 32.63 29.25 25.88 22.50
 30 2.06 6.43 7.41
 39.06 25.88 22.50 2.20
 11.42 2.16 5.87 6.07
 27.64
 28.04

check @ 5.6.13

75' 8" =

NORTH LINE OF KURTZ ST 75' WIDE

NL 22.75 22.50 22.10 22.50 22.10 22.50 22.75

N.C. 22.50 22.50 22.02 22.42 22.02 22.50 22.50
21.50 21.50

N/4 22.38 21.38 21.94 22.34 21.94 21.38 22.38

Center 22.25 21.25 21.85 22.25 21.85 21.25 22.25

S/4 22.12 21.12 21.77 22.17 21.77 21.12 22.12

S.C. 22.00 21.00 21.68 22.08 21.68 21.00 22.00

S.L. 22.25 22.00 21.60 22.00 21.60 22.00 22.25

SOUTH LINE OF KURTZ ST.

29.88M 21.88 29.88
22.75

Chick

W ✓ South Line of KURTZ ST. ✓ E

SL 2225 2200 2160 2200 2160 2200 2225

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 043 | 22.13 | 21.88 | 21.48 | 21.88 | 21.48 | 21.88 | 22.13 |
| 0408 W | 21.73 | 21.68 | 21.28 | 21.68 | 21.29 | 21.69 | 21.94 |
| 04.12.38 | 21.76 | 21.51 | 21.11 | 21.52 | 21.12 | 21.53 | 21.78 |
| 04.12.38 W | 21.57 | 21.32 | 20.93 | 21.34 | 20.94 | 21.35 | 21.60 |
| 04213 E | 21.60 | 21.15 | 20.76 | 21.17 | 20.77 | 21.18 | 21.43 |
| 0425 | 21.25 | 21.00 | 20.61 | 21.03 | 20.63 | 21.05 | 21.30 |
| +30 | 21.05 | 20.80 | 20.41 | 20.83 | 20.43 | 20.86 | 21.11 |
| +50 ✓ | 20.25 | 20.00 | 19.62 | 20.04 | 19.65 | 20.09 | 20.34 |
| +75 | 19.25 | 19.00 | 18.63 | 19.06 | 18.68 | 19.13 | 19.38 |
| 100 ✓ | 18.25 | 18.00 | 17.64 | 18.08 | 17.70 | 18.17 | 18.42 |
| +25 | 18.25 | 17.00 | 16.65 | 17.10 | 16.73 | 17.21 | 17.46 |
| +35 | 16.85 | 16.60 | 16.25 | 16.71 | 16.34 | 16.83 | 17.08 |
| +50 ✓ | 16.25 | 16.00 | 15.66 | 16.12 | 15.75 | 16.25 | 16.50 |
| +57 | 15.97 | 15.72 | 15.38 | 15.85 | 15.48 | 15.98 | 16.23 |
| +64 | 15.69 | 15.44 | 15.11 | 15.58 | 15.20 | 15.71 | 15.96 |
| +75 | 15.25 | 15.00 | 14.67 | 15.14 | 14.78 | 15.29 | 15.54 |
| 200 ✓ | 14.25 | 14.00 | 13.68 | 14.17 | 13.80 | 14.34 | 14.59 |
| +25 | 13.25 | 13.00 | 12.69 | 13.19 | 12.83 | 13.39 | 13.63 |
| 100 | 12.25 | 12.00 | 11.70 | 12.21 | 11.85 | 12.42 | 12.67 |
| +75 | 11.25 | 11.00 | 10.71 | 11.23 | 10.88 | 11.46 | 11.71 |
| 300 | 10.25 | 10.00 | 9.73 | 10.25 | 9.90 | 10.5 | 10.75 |

NORTH Line of ATLANTIC ST

| | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|
| 29.88 W | 29.55 | 29.55 | 29.22 | 22.05 | 22.05 | 22.05 | 22.05 |
| 12.24 | 22.35 | 20.34 | 18.26 | 16.50 | 14.25 | 12.67 | 10.25 |
| 17.54 | 7.63 | 7.54 | 11.63 | 5.55 | 7.20 | 7.38 | 11.00 |
| 4.5-1 | 9.13 | 1.74 | 9.23 | 8.95 | 5.30 | 6.33 | 10.00 |
| 22.05 W | -1.5 | +7.8 | +2.4 | -1.4 | +2.5 | +2.5 | +1.8 |
| 7.63 | 21.85 | 29.88 | 22.05 | 22.05 | 22.05 | 22.05 | 22.05 |
| 5.63 | 20.35 | 18.26 | 16.50 | 14.25 | 12.67 | 10.25 | |
| E+2.0 | 7.63 | 11.63 | 5.80 | 7.46 | 9.20 | 11.30 | |
| | 6.43 | 2.76 | 7.10 | 3.56 | 7.90 | 9.40 | |
| | +3.6 | +3.7 | -1.3 | +3.9 | +1.9 | +1.9 | |
| 38.76 | 74.76 | 27.00 | 20.04 | 20.09 | 22.43 | 20.04 | 20.09 |
| 66 | 7.73 | 281 | 3.70 | 2.12 | 5.04 | 3.36 | |
| 39.42 | 16.04 | 18.17 | 16.04 | 16.35 | 21.95 | | |
| 11.84 | 5.81 | 5.84 | 7.81 | 7.56 | | | |
| 27.58 | 14.00 | 14.35 | 12.00 | 12.00 | 28.04 | 20.00 | 20.00 |
| 2.15 | 4.58 | 4.30 | 1.58 | 1.16 | 6.52 | 8.04 | 8.04 |
| 29.73 | 10.00 | 10.50 | 1.58 | 1.16 | 21.52 | 18.00 | 18.00 |
| 7.70 | 8.58 | 8.08 | | | 4.3 | 3.85 | 3.87 |
| 22.03 | | | | | 21.95 | 16.00 | 16.13 |
| 17.8 | | | | | | 5.31 | 4.82 |
| 23.81 | | | | | | 12.00 | 12.00 |
| 7.80 | | | | | | 7.91 | 7.79 |
| 16.01 | | | | | | 12.00 | 12.00 |
| 2.52 | | | | | | 9.95 | 9.74 |
| 18.54 | | | | | | 1.00 | 1.00 |
| | | | | | | 11.91 | 11.7 |

Checked by

10' WALKS - S.E. return 1890

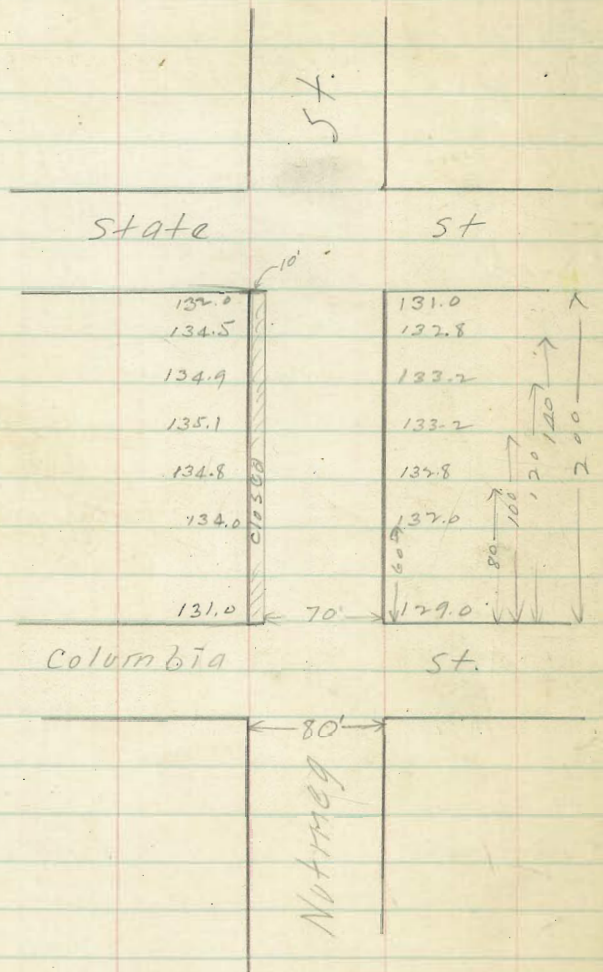
| | | | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 159.00 | 141.61 | 141.61 | 141.61 | 141.61 | 141.61 | 141.61 | 141.61 | 141.61 | 141.61 |
| +12.61 | 154.22 | 154.22 | 154.22 | 154.22 | 154.22 | 154.22 | 154.22 | 154.22 | 154.22 |
| 141.41 7/2 | 15.86 | 10.36 | 7.86 | 9.36 | 8.56 | 7.16 | 8.16 | 8.56 | |
| -1.80 | 12.4 | 6.7 | | 6.1 | 5.2 | 4.7 | 6.6 | 9.7 | |
| 139.78 | 6.0 | 03.7 | | 03.3 | 03.4 | 03.5 | 2.16 | F 1.1 | |
| +110.43 | | | | | | | | | |
| 150.24 MI. | 102.24 | 102.24 | 102.24 | 102.24 | 102.24 | 102.24 | 102.24 | 102.24 | 102.24 |
| -12.78 | 34.20 | 34.20 | 34.20 | 34.20 | 34.20 | 34.20 | 34.20 | 34.20 | 34.20 |
| 137.46 | 15.89 | 15.89 | 14.89 | 15.09 | 15.09 | 15.09 | 15.09 | 15.09 | 15.09 |
| 0.54 | 4.0 | 4.0 | 1.4 | 3.4 | 3.6 | | 6.2 | 16.1 | |
| 139.00 MI. | 012.0 | 012.7 | 013.0 | 011.7 | 09.9 | | F 0.5 | F 6.4 | |

+2 - June 18-12
Thru
Derrin

| | | | | | | | | | |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 54.33 N.W. 1/4 NE Cor India & Laurel | | | | | | | | | |
| +12.89 | | | | | | | | | |
| 67.22 | 132.64 | 132.64 | 132.64 | 132.64 | 132.64 | 132.64 | 132.64 | 132.64 | 132.64 |
| -22.21 | 29.00 | 31.00 | 30.00 | 32.00 | 32.80 | 32.80 | 33.10 | 33.20 | 34.50 |
| 69.21 | 9.64 | 7.64 | 4.64 | 6.64 | 5.84 | 3.84 | 3.84 | 5.44 | 5.84 |
| 111.60 | | | | | | | | | |
| 81.22 | | | | | | | | | |
| -0.11 | | | | | | | | | |
| 81.11 | 108.64 | 108.64 | | | | | | | |
| -12.61 | 31.40 | 32.00 | | | | | | | |
| 73.55 | 7.64 | 6.54 | | | | | | | |
| -0.18 | | | | | | | | | |
| 73.37 | | | | | | | | | |
| -12.61 | | | | | | | | | |
| 106.58 | | | | | | | | | |
| -0.11 | | | | | | | | | |
| 106.47 | | | | | | | | | |
| -12.61 | | | | | | | | | |
| 119.14 | | | | | | | | | |
| -0.11 | | | | | | | | | |
| 119.03 | | | | | | | | | |
| +12.61 | | | | | | | | | |
| 131.37 | | | | | | | | | |
| -0.79 | | | | | | | | | |
| 130.58 | | | | | | | | | |
| +12.61 | | | | | | | | | |
| 143.19 | | | | | | | | | |
| -0.79 | | | | | | | | | |
| 142.40 | | | | | | | | | |
| +12.61 | | | | | | | | | |
| 155.01 | | | | | | | | | |

July 12-12, curbed property
Derrin
Thru
Derrin

Hydrant on SE corner top of outlet, lab. + mounting.



Nutmeg st.

North State to Columbia South

Curb Curb

W. Line State st. 137.0 131.40 131.50 130.85 131.0 131.25
132.25

30 s. 133.50 133.25 134.65 132.59 131.84 131.9 132.15

60 134.75 134.5 133.90 133.65 132.82 132.8 133.05

80 135.15 134.90 134.30 134.05 133.22 133.1 133.45

100 135.35 135.10 134.50 134.15 133.27 133.2 133.45

120 135.05 134.80 134.20 133.8 132.90 132.8 133.05

140 134.25 134.00 133.40 133.0 132.10 132.0 132.25

170 132.75 132.50 131.90 131.5 130.60 130.5 130.75

200 131.25 131.00 130.40 130.0 129.10 129.0 129.25

E. Line Columbia

W.L. 130.55 On hydrant nozzle.
4.518
136.30 H.L.

| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 |
| 29.00 | 29.10 | 29.00 | 28.20 | 31.00 | 34.00 | 33.40 | 28.00 | 32.10 | 32.00 |
| 7.30 | 7.20 | 6.30 | 5.90 | 5.30 | 2.20 | 2.40 | 3.30 | 4.20 | 4.50 |
| 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 |
| 32.50 | 32.90 | 32.80 | 32.20 | 34.50 | 35.10 | 34.70 | 34.10 | 33.20 | 33.40 |
| 3.50 | 3.40 | 2.50 | 2.10 | 1.50 | 1.20 | 1.40 | 2.10 | 3.00 | 3.10 |
| 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 |
| 23.20 | 23.22 | 24.00 | 24.30 | 24.70 | 34.00 | 33.40 | 33.60 | 32.80 | 32.90 |
| 3.10 | 3.08 | 2.40 | 2.00 | 1.40 | 1.90 | 2.40 | 2.60 | 3.40 | 3.50 |
| 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 | 136.30 |
| 31.00 | 30.50 | 31.50 | 31.90 | 22.00 | 5.30 | 5.40 | 4.80 | 4.70 | 4.30 |

1/4 C. July 20-12 Forman
Theonil

checked O.H. Aug 7-12 Forman
Bassler

DATE ST.
80' wide
14' Walks
13' $\frac{1}{4}$ s.

Second

St

99.0

80.

102.0

Xrecbook 850

200.

DATE

112.0

113.0

Third

80

St

see page 24 for tie outs

114.0

115.0

300.

STREET



120.0

80.

122.0

Fourth

St.

| | S | | | | | N | S | N |
|--------------|------------------|----------------------------------|--------|--------|--------|------------------|------------------|--------------|
| E.L. 2nd ST | 99.25 | 99.00 | 99.35 | 100.50 | 101.40 | 102.00 | 102.25 | 00 |
| 25 E | 100.88 | 100.63 | 100.91 | 102.00 | 102.78 | 103.38 | 103.63 | -1.0 |
| 50 | 102.50 | 102.25 | 102.48 | 103.50 | 104.15 | 104.75 | 105.00 | -2.0 |
| 75 | 104.13 | 103.88 | 104.04 | 105.00 | 105.53 | 106.13 | 106.38 | -1.6 |
| 100 | 105.75 | 105.50 | 105.60 | 106.50 | 106.90 | 107.50 | 107.75 | -2.1 |
| 125 | 107.38 | 107.13 | 107.16 | 108.00 | 108.28 | 108.88 | 109.13 | -2.2 |
| 150 | 109.00 | 108.75 ^{cracks in curb} | 108.78 | 109.50 | 109.65 | 110.25 | 110.50 | -2.7 |
| 175 | 110.63 | 110.38 | 110.29 | 111.00 | 111.03 | 111.63 | 111.88 | -2.8 |
| 200=W.L. 3rd | 112.25 | 112.00 | 111.85 | 112.50 | 112.40 | 113.00 | 113.25 | -3.2 |
| W.L. 3rd ST | 112.25 | 112.00 | 111.85 | 112.50 | 112.40 | 113.00 | 113.25 | -3.2 |
| W curb | 112.00 111.00 | 112.00 111.00 | 112.20 | 112.85 | 112.75 | 113.00 112.00 | 113.00 112.00 | -3.0 -4.0 |
| W 1/4 | 112.10 | 111.50 | 112.53 | 113.18 | 113.08 | 112.50 | 113.10 | -2.7 |
| Center | 113.00 | 112.00 | 112.85 | 113.50 | 113.40 | 113.00 | 114.00 | |
| E 1/4 | 113.40 | 112.50 | 113.18 | 113.83 | 113.73 | 113.50 | 114.40 | -3.9 |
| E CURB | 113.00 114.00 | 113.00 114.00 | 113.50 | 114.15 | 114.05 | 114.00 115.00 | 114.00 115.00 | -3.1 -4.1 |
| E.L. 3rd ST | 114.25 | 114.00 | 113.85 | 114.50 | 114.40 | 115.00 | 115.25 | -3.7 |
| E.L. 3rd ST | 114.25 | 114.00 | 113.85 | 114.50 | 114.40 | 115.00 | 115.25 | -3.7 |
| 25 | 115.00 | 114.75 | 114.63 | 115.31 | 115.28 | 115.88 | 116.13 | -3.2 |
| 50 | 115.75 | 115.50 | 115.41 | 116.13 | 116.15 | 116.75 | 117.00 | -2.6 |
| 75 | 116.50 | 116.25 | 116.19 | 116.94 | 117.03 | 117.63 | 117.88 | -1.9 |
| 100 | 117.25 | 117.00 | 116.98 | 117.75 | 117.90 | 118.50 | 118.75 | -1.7 |
| 125 | 118.00 | 117.75 | 117.76 | 118.56 | 118.78 | 119.38 | 119.63 | -1.8 |
| 150 | 118.75 | 118.50 | 118.54 | 119.38 | 119.65 | 120.25 | 120.50 | -1.3 |
| 175 | 119.50 | 119.25 | 119.32 | 120.19 | 120.53 | 121.13 | 121.38 | -0.7 |
| 200=W.L. 4th | 120.25 | 120.00 | 120.10 | 121.00 | 121.40 | 122.00 | 122.25 | 00 |

N
N
115.46 T.P. ON APPROX
100.00 40
117.25 117.25 122.50
8.00 1.31 -0.44
3.26 2.11 0
-0.7 -0.8 -0.5
115.75 117.25 117.75
2.31 2.81 1.21
2.11 4.41 2.41
-2.1 -1.6 -1.1

10.45
107.57 T.P.
1.13
109.41

115.75 107.15 105.50 115.75
-1.07 2.14 3.16 5.16
=CC =CC =CC =CC

CUTS & FILL IN CURB

108.09 - 114.30 Cedar
12.63
120.78

114.25 114.25 115.25 115.25 117.25 117.25 116.75 115.50 115.75 117.25 117.25
6.75 3.75 5.75 5.75 3.75 3.75 3.01 2.01 4.01 3.01 3.01

115.50 115.75 115.50 120.25 115.50 115.75
1.25 1.01 0.25 4.01 2.25 1.25

110.50 113.25 110.25
110.25 102.25
112.00 107.50 107.75 105.0 107.75
4.50 4.25 9.00 7.25

108.09 114.25 115.50 117.25 115.50
12.63 7.03 6.53 4.03 2.53
121.33

115.00 116.75 115.25 120.25
4.03 4.25 2.25 0.75

Curbs Done where possible

105.00 NW 3/4 Cedar
7.50
113.75

113.0 110.25 107.50 110.25 113.0 107.5 105.50 105.50 T.P.
2.75 3.37 4.37 11.09 5.25 7.09 10.37 2.13
108.63
108.25
108.63

Curbs Status 4/11/14 Gregory
Strommer 6.35
Moore

Several cracks in walk + curb.
Walk on N. side bet 2nd + 3rd only 4.9' wide from E.L.
2nd to 50' east. Otherwise OK 5/21/14 Gregory

THIRD ST.

80' wide
14' walks.
13' 4 1/2"

Elm

ST.

137.50

137.50

80.

THIRD

Xacc, book 868

300.

113.00

115.00

Date

80.0

ST.

112.00

114.00

150.

STREET

111.50

113.50

150.

108.00

110.00

Cedar

ST.

NW Cedar 10809 Plg

" " Date 109.34 "

" " Elm 139.46 "

" " Beach 88.01 "

24

THIRD STREET

| | W | | | | | | E |
|---------------|--------|--------|--------|--------|--------|--------|--------|
| 300=Sl. Elm | 137.75 | 137.50 | 137.10 | 137.50 | 137.10 | 137.50 | 137.75 |
| 275 | 135.71 | 135.46 | 135.10 | 135.54 | 135.21 | 135.63 | 135.88 |
| 250 | 133.67 | 133.42 | 133.10 | 133.58 | 133.32 | 133.75 | 134.00 |
| 225 | 131.63 | 131.38 | 131.10 | 131.63 | 131.43 | 131.88 | 132.13 |
| 200 | 129.58 | 129.33 | 129.10 | 129.67 | 129.53 | 130.00 | 130.25 |
| 175 | 127.54 | 127.29 | 127.10 | 127.71 | 127.64 | 128.13 | 128.38 |
| 150 | 125.50 | 125.25 | 125.10 | 125.75 | 125.75 | 126.25 | 126.50 |
| 125 | 123.46 | 123.21 | 123.10 | 123.79 | 123.86 | 124.38 | 124.63 |
| 100 | 121.42 | 121.17 | 121.10 | 121.83 | 121.97 | 122.50 | 122.75 |
| 75 | 119.38 | 119.13 | 119.10 | 119.88 | 120.08 | 120.63 | 120.88 |
| 50 | 117.33 | 117.08 | 117.10 | 117.97 | 118.18 | 118.75 | 119.00 |
| 25 | 115.29 | 115.04 | 115.10 | 115.96 | 116.29 | 116.88 | 117.13 |
| N.L. Date | 113.25 | 113.00 | 113.10 | 114.00 | 114.40 | 115.00 | 115.25 |
| 300=Sl. Date | 112.25 | 112.00 | 112.10 | 113.00 | 113.40 | 114.00 | 114.25 |
| 275 | 112.17 | 111.92 | 112.07 | 112.97 | 113.37 | 113.97 | 114.17 |
| 250 | 112.08 | 111.83 | 111.93 | 112.83 | 113.23 | 113.83 | 114.08 |
| 225 | 112.00 | 111.75 | 111.85 | 112.75 | 113.15 | 113.75 | 114.00 |
| 200 | 111.92 | 111.67 | 111.77 | 112.67 | 113.07 | 113.67 | 113.92 |
| 175 | 111.83 | 111.58 | 111.68 | 112.58 | 112.98 | 113.58 | 113.83 |
| 150 | 111.75 | 111.50 | 111.60 | 112.50 | 112.90 | 113.50 | 113.75 |
| 125 | 111.17 | 110.92 | 111.02 | 111.92 | 112.32 | 112.92 | 113.17 |
| 100 | 110.58 | 110.33 | 110.43 | 111.33 | 111.73 | 112.33 | 112.58 |
| 75 | 110.00 | 109.75 | 109.85 | 110.75 | 111.15 | 111.75 | 112.00 |
| 50 | 109.42 | 109.17 | 109.27 | 110.17 | 110.57 | 111.17 | 111.42 |
| 25'N | 108.83 | 108.58 | 108.68 | 109.58 | 109.98 | 110.58 | 110.83 |
| N.L. Cedar ST | 108.25 | 108.00 | 108.10 | 109.00 | 109.40 | 110.00 | 110.25 |

| W | E |
|-----|-----|
| 00 | -04 |
| 00 | -05 |
| -01 | -09 |
| -01 | -13 |
| -02 | -17 |
| -11 | -24 |
| -15 | -26 |
| -20 | -36 |
| -20 | -37 |
| -23 | -44 |
| -30 | -33 |
| -39 | -21 |
| -37 | -07 |
| -32 | -37 |
| -27 | -26 |
| -24 | -19 |
| -12 | -05 |
| -05 | +11 |
| -03 | +07 |
| +02 | +07 |
| +01 | +04 |
| +02 | +04 |
| +02 | +02 |
| -02 | 0.0 |

| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 108.00 | 114.30 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |

| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
|--------|--------|--------|--------|--------|--------|--------|
| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |
| 114.00 | 118.00 | 122.00 | 126.00 | 130.00 | 134.00 | 138.00 |

Note - In setting Curbs
Street and a low or high side in order
to get better paving grades
Daris

Curbs + Props 4/9/14 Gregory
Curbs + Props 4/14/14 Gregory

Walk on both sides 5.23' wide at Sl. Elm St narrowing
down to 5' at 50.50.
Several cracks in walk + curb Alternative OK 2/1/14 Gregory

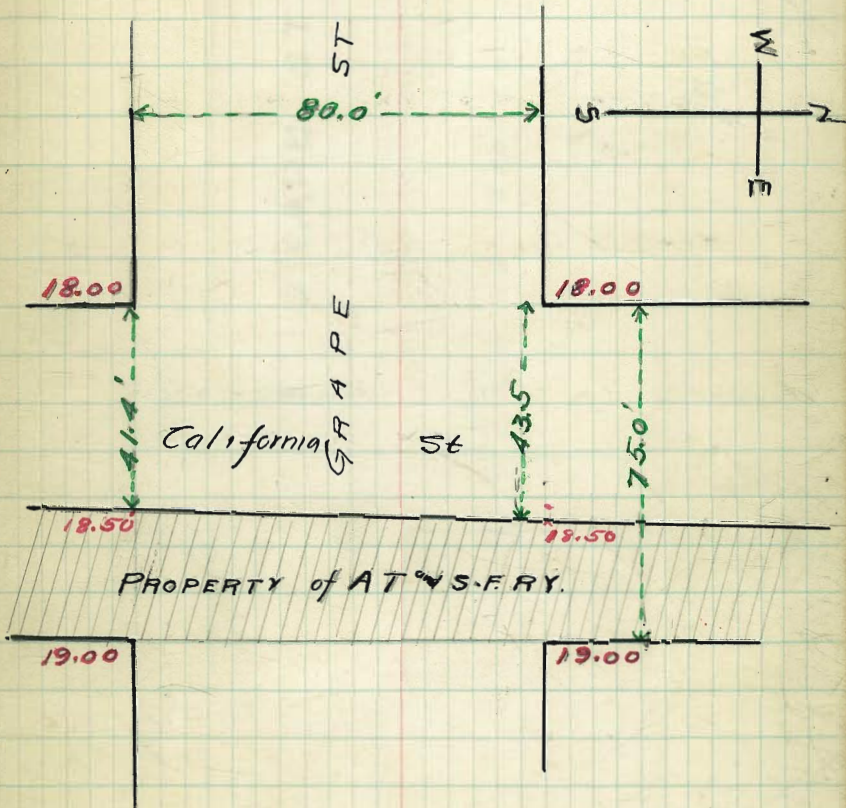
May 22/13

C.A.L

500 Est Book 7
Field " 858

GRAPE St
California St - intersection
west of Railroad Property
80' St - 14' Walks - 13' 1/4 S
California St - 75' - 12' Walks

| | N | | | | S | | | |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|--|
| W.L. | 18.25 | 18.00 | 17.60 | 18.00 | 17.60 | 18.00 | 18.25 | |
| | | 17.00 | | | 17.00 | | | |
| W. Carb | 18.00 | 18.00 | 17.60 | 18.00 | 17.60 | 18.00 | 18.00 | |
| | 17.00 | 17.00 | | | 17.00 | 17.00 | | |
| N 1/4 | 17.85 | 17.85 | 17.85 | 17.85 | 17.85 | 17.85 | 17.85 | |
| Cor W line of R.R. | 18.50 | 18.50 | 18.50 | 18.50 | 18.50 | 18.50 | 18.50 | |

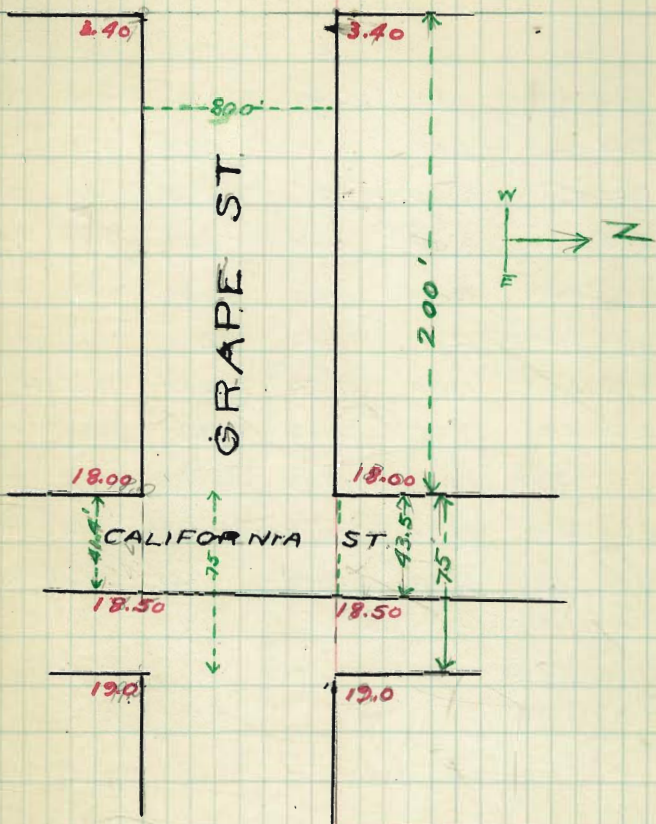


21.13

T... ..

GRAPE ST

ATLANTIC ST



GRAPE ST

80' WIDE CALIFORNIA TO ATLANTIC 14' WALKS

5/22/13 C.A.L

| S. L | CB | 1/4 | E | 1/4 C | CB | N. L |
|-------------------|-------|-------|-------|-------|-------|-------|
| Atlantic | 3.65 | 3.40 | 3.00 | 3.40 | 3.00 | 3.4 |
| 175'W | 5.48 | 5.23 | 4.83 | 5.23 | 4.83 | 5.48 |
| 150'W | 7.30 | 7.05 | 6.65 | 7.05 | 6.65 | 7.30 |
| 125 | 9.13 | 8.88 | 8.48 | 8.88 | 8.48 | 9.13 |
| 100 | 10.95 | 10.70 | 10.30 | 10.70 | 10.30 | 10.95 |
| 75 | 12.78 | 12.53 | 12.13 | 12.53 | 12.13 | 12.78 |
| 60 | 13.83 | 13.58 | 13.18 | 13.58 | 13.18 | 13.83 |
| 50 | 14.60 | 14.35 | 13.95 | 14.35 | 13.95 | 14.60 |
| 40 | 15.33 | 15.08 | 14.68 | 15.08 | 14.68 | 15.33 |
| 25 | 16.43 | 16.18 | 15.78 | 16.18 | 15.78 | 16.43 |
| W.L California | 18.25 | 18.0 | 17.60 | 18.00 | 17.60 | 18.25 |

B.M. spot in pole
50' No of GRAPE
WEST SIDE CAL
Elev 15.36

10/11/12 Gregory
Shelburne
Moore

28

1967 S.W. Survey 1967

| | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|------|------|
| 0.55 | 15.25 | 15.25 | 14.60 | 14.60 | 10.95 | 10.95 | 7.30 | 7.30 |
| 10.87 | 3.27 | 3.27 | 6.72 | 6.72 | 10.37 | 10.37 | 7.02 | 7.02 |
| 12.34 | 4.73 | 4.73 | 11.02 | 11.02 | 10.37 | 10.37 | 7.02 | 7.02 |
| 31.73 | -6.76 | -6.76 | -4.1 | -4.1 | 4.25 | 4.25 | 7.02 | 7.02 |
| 12.75 | | | | | 4.25 | 4.25 | 7.02 | 7.02 |
| 10.08 | | | | | | | | |
| 21.44 | | | | | | | | |
| 21.62 | | | | | | | | |
| 13.29 | 3.65 | 3.65 | | | | | | |
| 2.23 T.P. | 7.25 | 7.25 | | | | | | |
| 2.21 | 10.65 | 10.65 | | | | | | |
| 10.70 | -2.5 | -2.5 | | | | | | |

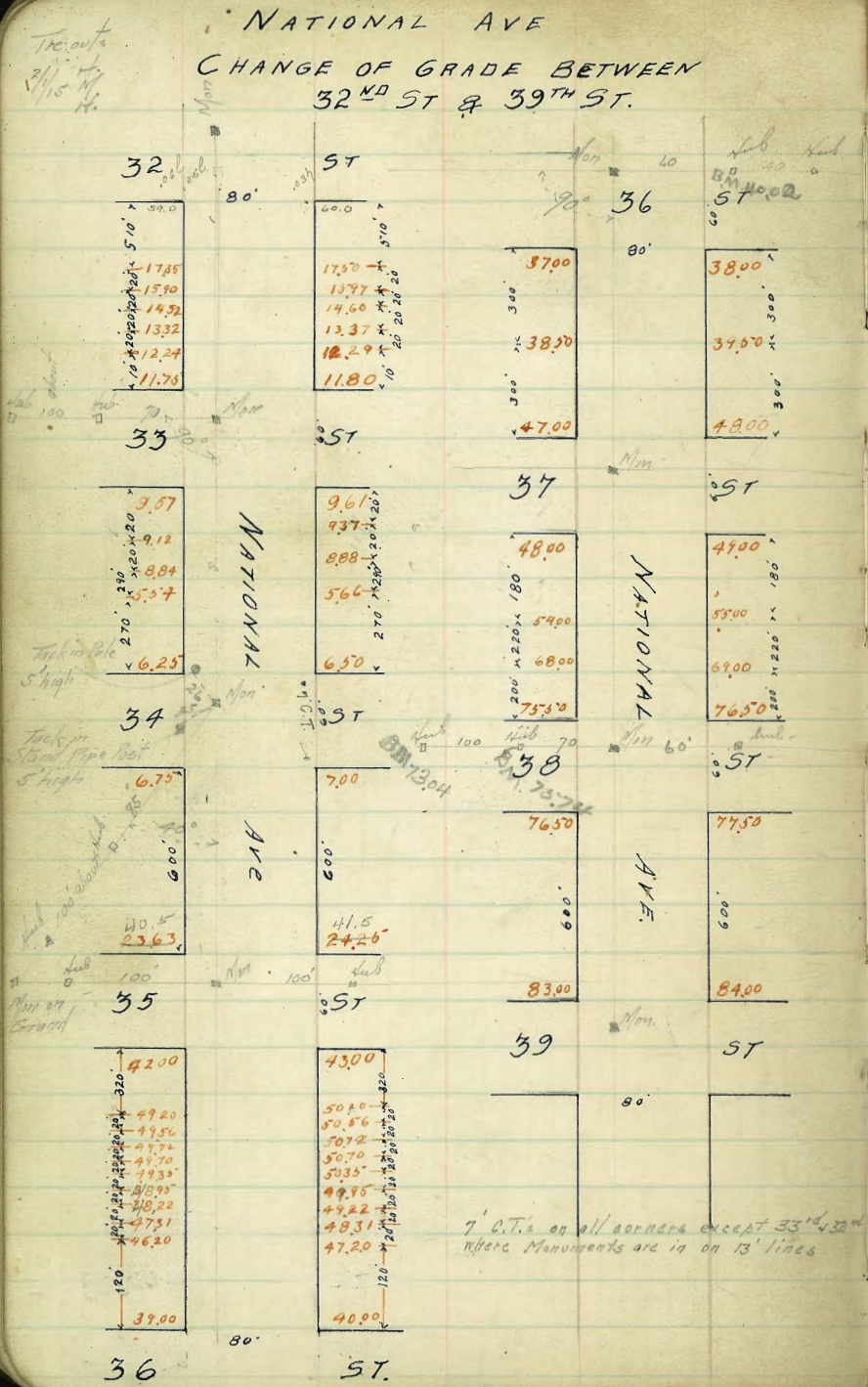
| | | | | | | | | |
|-------|---|-------|-------|-------|--------|-------|-------|-------|
| 15.36 | 1967 | 1967 | 1967 | 1967 | 1967 | 1967 | 1967 | 1967 |
| 4.31 | 18.75 | 18.75 | 20 | 7.85 | 7.72 | 7.07 | 8.31 | 11.08 |
| 18.75 | 0.95 | 0.95 | 1967 | 11.82 | 9.75 | 10.20 | 12.16 | 1.59 |
| 1.86 | 1.86 | 1.86 | 18.25 | 18.25 | 14.60 | 10.95 | 12.95 | 7.30 |
| F0.94 | C1.42 F6.45 F4.85 F4.87 C1.65 C0.21 C1.39 | | | | | | | |
| | 1967 | 1967 | 1967 | 1967 | 1967 | 1967 | 1967 | 1967 |
| | 10.24 | 12.37 | 12.16 | | 10.37 | | 15.36 | 6.13 |
| | 9.03 | 4.80 | 7.51 | 7.0 | 0.31 | | 21.47 | 11.0 |
| | 7.00 | 5.65 | 3.48 | | 0.45 | | 3.57 | |
| | C1.73 | C1.75 | 149.9 | H3 | F 3.08 | | 17.99 | |
| | | | | | | | 18.75 | |
| | | | | | | | F.62 | |

Cut + Fills - 11/30/13. West Evans - Fletcher

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| 15.36 | 2.13 | 2.13 | 2.13 | 2.13 | 12.40 | 12.40 |
| 5.77 | 18.25 | 16.93 | 17.79 | 2.13 | 5.45 | 3.65 |
| 2.13 | 2.13 | 4.72 | 8.35 | 12.00 | 6.92 | 8.75 |
| 11.25 | 3.13 | 4.95 | 8.60 | 12.25 | 7.17 | 9.00 |
| 9.68 | 3.53 | 5.35 | 9.00 | 12.65 | 7.57 | 9.40 |
| 2.72 | | | | | | |
| 12.40 | | | | | | |
| 15.36 | 11.04 | 11.04 | | | | |
| 5.31 | 5.48 | 3.65 | | | | |
| 10.67 | 5.56 | 7.37 | | | | |
| 12.06 | 5.81 | 7.64 | | | | |
| 8.61 | 6.21 | 8.04 | | | | |
| 2.43 | | | | | | |
| 11.04 | | | | | | |

checked D.I.R.
length
span
flar

NATIONAL AVE
CHANGE OF GRADE BETWEEN
32ND ST & 39TH ST.



B.M. 1

29

S.W. cor. Bridge hd. of Sec 12" x 12" timber 6.40

34th S.E. corner NOT found 6.40

36th " " " 36.33

38th N.E. " " 80.06

36.33
11.86
48.19 H.T.
8.19
40.00

5.88
80.06
85.94

NATIONAL AVE.
 FROM 90 FT West of 33rd ST
 B.L. CURB 1/4 Φ 1/4 CURB N.L.

| | | | | | | | |
|---|------|------|------|------|------|------|------|
| 90 ^{ft} W of 33 rd ST | 1760 | 1735 | 1696 | 1742 | 1710 | 1750 | 1775 |
| 70 ^{ft} " | 1616 | 1590 | 1550 | 1593 | 1557 | 1597 | 1622 |
| 50 ^{ft} " | 1477 | 1452 | 1412 | 1456 | 1420 | 1460 | 1485 |
| 30 ^{ft} " | 1357 | 1332 | 1292 | 1334 | 1297 | 1337 | 1362 |
| 10 ^{ft} " | 1249 | 1224 | 1184 | 1226 | 1189 | 1229 | 1254 |
| WEST LINE 33 rd ST | 1200 | 1175 | 1135 | 1177 | 1140 | 1180 | 1205 |

| | | | | | | | |
|-------------------------------|------|------|------|------|------|------|------|
| West Line 33 rd ST | 1200 | 1175 | 1135 | 1177 | 1140 | 1180 | 1205 |
| West CURB | 1175 | 1175 | 1099 | 1141 | 1104 | 1180 | 1180 |
| West 1/4 | 1125 | 1020 | 1062 | 1104 | 1066 | 1075 | 1120 |
| Φ | 1066 | 966 | 1026 | 1068 | 1030 | 970 | 1070 |
| East 1/4 | 968 | 911 | 990 | 1032 | 994 | 975 | 976 |
| East CURB | 867 | 857 | 933 | 995 | 957 | 961 | 961 |
| EAST LINE 33 rd ST | 982 | 957 | 917 | 959 | 921 | 961 | 986 |

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 6.40 A.M. | 16.15 | 14.77 | 13.57 | 12.49 | 12.00 | | |
| 13.44 | 2.69 | 4.07 | 3.27 | 4.35 | 6.84 | | |
| 18.84 | 6.29 | 5.07 | 6.79 | 8.15 | 8.64 | | |
| 12.60 | -3.6 | -1.0 | -1.5 | -1.8 | -1.8 | | |
| 1.24 | 17.75 | 16.22 | 14.85 | 13.62 | 12.54 | 12.05 | |
| 1.44 | 1.09 | 2.02 | 3.99 | 5.22 | 6.30 | 6.79 | |
| -0.2 | 1.69 | 3.22 | 5.89 | 7.82 | 8.10 | 9.49 | 12.24 |
| | 0.6 | -0.6 | 1.4 | 2.6 | -1.80 | 2.7 | 6.17 |
| 15.90 | 17.35 | 17.50 | 15.97 | 14.60 | 13.37 | 12.29 | 11.80 |
| 2.57 | 1.06 | 0.91 | 2.44 | 3.81 | 5.04 | 6.12 | 6.61 |
| 3.66 | | | | | | | 7.6 |
| 3.46 | | | | | | | 8.0 |
| 19.51 A.M. | 11.75 | 12.24 | 13.32 | 14.52 | 15.90 | 17.25 | 17.50 |
| 7.76 | 7.37 | 6.19 | 4.89 | 3.61 | 2.46 | 3.01 | 3.54 |
| 8.51 | 8.02 | 6.94 | 5.74 | 4.86 | 3.97 | 4.91 | 5.37 |
| 12.29 | 11.80 | 37 | 81 | 57 | 75 | 25 | 68 |
| 7.25 | 7.71 | 11.2 | 12.5 | 15.6 | 13.2 | 9.0 | 14.3 |

640
 1201
 18.41 HZ
 11.75
 6.66 * 6.41
 13.32 14.52
 5.09 3.89

Outside of walk 70' W of 33rd side is 11" high making walk level.
 Roadway OK 7/11/15 Daring

NATIONAL AVE

33rd ST to 34th ST

| SL | Comp | 10 | 1/4 | 1/2 | 3/4 | Curb | NL |
|------------------------------|------|------|------|------|------|------|------|
| EASTLINE 33 rd ST | 9.82 | 9.57 | 9.17 | 9.59 | 9.25 | 9.61 | 9.86 |
| 20 | 9.37 | 9.12 | 8.72 | 9.24 | 8.97 | 9.37 | 9.62 |
| 25 | | | | | | | |
| 40 GP | 9.09 | 8.84 | 8.44 | 8.96 | 8.48 | 8.88 | 9.13 |
| 60 | 8.98 | 8.73 | 8.33 | 8.76 | 8.37 | 8.77 | 9.02 |
| 75 | 8.70 | 8.45 | 8.05 | 8.47 | 8.10 | 8.50 | 8.75 |
| 100 | 8.41 | 8.16 | 7.76 | 8.19 | 7.82 | 8.22 | 8.47 |
| 125 | 8.13 | 7.88 | 7.48 | 7.91 | 7.54 | 7.94 | 8.19 |
| 150 | 7.84 | 7.59 | 7.19 | 7.63 | 7.26 | 7.66 | 7.91 |
| 175 | 7.56 | 7.31 | 6.91 | 7.36 | 6.99 | 7.39 | 7.64 |
| 200 | 7.27 | 7.02 | 6.62 | 7.06 | 6.71 | 7.11 | 7.36 |
| 225 | 6.99 | 6.74 | 6.34 | 6.78 | 6.43 | 6.83 | 7.08 |
| 250 | 6.70 | 6.45 | 6.06 | 6.50 | 6.15 | 6.55 | 6.80 |
| 275 | 6.42 | 6.17 | 5.77 | 6.22 | 5.88 | 6.28 | 6.53 |
| 300 | 6.13 | 5.88 | 5.48 | 5.94 | 5.60 | 6.00 | 6.25 |
| 325 | 5.85 | 5.60 | 5.20 | 5.66 | 5.32 | 5.72 | 5.97 |
| 330 GP | 5.79 | 5.54 | 5.14 | 5.60 | 5.26 | 5.66 | 5.91 |
| 350 | 5.54 | 5.29 | 4.89 | 5.36 | 5.02 | 5.42 | 5.67 |
| 375 | 5.29 | 5.04 | 4.64 | 5.10 | 4.76 | 5.16 | 5.41 |
| 400 | 5.04 | 4.79 | 4.39 | 4.86 | 4.52 | 4.92 | 5.17 |
| 425 | 4.79 | 4.54 | 4.14 | 4.60 | 4.26 | 4.66 | 4.91 |
| 450 | 4.54 | 4.29 | 3.89 | 4.36 | 4.02 | 4.42 | 4.67 |
| 475 | 4.29 | 4.04 | 3.64 | 4.10 | 3.76 | 4.16 | 4.41 |
| 500 | 4.04 | 3.79 | 3.39 | 3.86 | 3.52 | 3.92 | 4.17 |
| 525 | 3.79 | 3.54 | 3.14 | 3.60 | 3.26 | 3.66 | 3.91 |
| 550 | 3.54 | 3.29 | 2.89 | 3.36 | 3.02 | 3.42 | 3.67 |
| 575 | 3.29 | 3.04 | 2.64 | 3.10 | 2.76 | 3.16 | 3.41 |
| 600 W/L 34 th ST | 3.04 | 2.79 | 2.39 | 2.86 | 2.52 | 2.92 | 3.17 |

18.84 HI
 9.52 9.77 10.15 10.73
 9.52 9.77 10.15 10.73
 -0.6 -0.3 -0.4 -0.3

9.86 9.63 9.13 8.47 7.91 7.36 6.80
 8.98 9.22 9.71 10.37 10.93 11.48 12.04
 9.58 9.82 10.11 10.77 11.23 11.48
 -0.6 -0.6 -0.4 -0.7 -0.3 0.0

6.25 5.91 6.13 6.28 6.44 6.59 6.75
 8.38 8.72 8.50 8.35 8.19 8.04 7.88
 8.38 8.82 9.0 9.88 9.69 10.04 9.93
 0.0 -0.1 -0.5 -1.0 -1.5 -2.0 -2.1

7.29 18.41 HI
 8.94 9.12 6.26
 9.57 9.29 4.75

6.13 2.5 9.57 6.40
 7.21 8.84 4.62
 11.02 HI 5.66
 5.54 5.38 5.72 6.10 6.24 6.37 6.50 6.34 6.19 6.03
 5.47 5.47 5.29 4.91 4.77 4.64 4.51 4.67 4.82 4.98

5.88 5.72 5.42
 5.13 5.19 6.76 4.97 5.08 5.21 5.35 5.48 5.61 5.66

4.40 5.21 4.82 6.26 5.80 5.23 4.16 4.38 3.93
 4.50 5.99 6.25 5.99 5.85 5.72 5.59 5.54 6.48
 11.20 4.1 4.17 4.96 4.41 4.90 10.53 4.57 6.25 6.27
 13.78 HI 4.72 5.01 9.17 8.87 9.17 8.81 11.79 11.17 11.55
 11.22 11.22 1.06 6.50 5.85 6.30 6.57 7.33 7.15

6.40 5.21 4.82 6.26 5.80 5.23 4.16 4.38 3.93
 4.50 5.99 6.25 5.99 5.85 5.72 5.59 5.54 6.48
 11.20 4.1 4.17 4.96 4.41 4.90 10.53 4.57 6.25 6.27
 13.78 HI 4.72 5.01 9.17 8.87 9.17 8.81 11.79 11.17 11.55
 11.22 11.22 1.06 6.50 5.85 6.30 6.57 7.33 7.15

OK - Road way bet 33rd & 34th not read FOR
 3 cracks in curb on No. Side 33rd to 34th
 Walk 150 W. of 34th on No. Side of Tow
 Inside of Walk at SE cor 11 High
 NE 110

Gregory 7/14/10

NATIONAL Ave
West Line 34th St
TO

S.L

N.L

| | | | | | | | |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|
| West Line 34 th | 6.50 | 6.25 | 5.95 | 6.37 | 6.10 | 6.50 | 6.75 |
| W Curb | 6.25 | 6.25 | 5.93 | 6.45 | 6.18 | 6.30 | 6.50 |
| W 1/2 | 5.98 | 5.37 | 6.01 | 6.53 | 6.24 | 5.62 | 6.25 |
| Φ | 6.50 | 5.50 | 6.10 | 6.62 | 6.35 | 5.75 | 6.75 |
| E 1/4 | 6.15 | 5.62 | 6.19 | 6.70 | 6.43 | 5.87 | 6.40 |
| E Curb | 5.75 | 5.75 | 6.26 | 6.78 | 6.51 | 6.00 | 6.00 |
| | 6.25 | 6.75 | | | | 7.00 | 7.00 |
| East Line 34 th | 7.00 | 6.75 | 6.35 | 6.97 | 6.60 | 7.00 | 7.25 |
| East Line 34 th St | 7.00 | 6.75 | 6.35 | 6.97 | 6.60 | 7.00 | 7.25 |
| 20 | 8.12 | 7.87 | 7.47 | 8.01 | 7.75 | 8.15 | 8.40 |
| 40 | 9.24 | 8.99 | 8.59 | 9.15 | 8.90 | 9.30 | 9.55 |
| 50 | 9.81 | 9.56 | 9.16 | 9.72 | 9.44 | 9.88 | 10.13 |
| 75 | 11.22 | 10.97 | 10.57 | 11.14 | 10.82 | 11.37 | 11.57 |
| 100 | 12.62 | 12.37 | 11.97 | 12.56 | 12.30 | 12.75 | 13.00 |
| 125 | 14.03 | 13.78 | 13.38 | 13.98 | 13.72 | 14.19 | 14.44 |
| 150 | 15.44 | 15.19 | 14.79 | 15.41 | 15.23 | 15.63 | 15.88 |
| 175 | 16.84 | 16.59 | 16.19 | 16.83 | 16.67 | 17.07 | 17.32 |
| 200 | 18.25 | 18.00 | 17.62 | 18.25 | 17.90 | 18.30 | 18.75 |
| 220 | 19.37 | 19.12 | 18.60 | 19.38 | 19.05 | 19.65 | 19.90 |
| 240 | 20.50 | 20.25 | 20.03 | 20.62 | 20.20 | 20.80 | 21.05 |
| 250 | 21.06 | 20.81 | 20.60 | 21.09 | 20.78 | 21.35 | 21.63 |
| 275 | 22.47 | 22.22 | 21.96 | 22.51 | 22.21 | 22.81 | 23.06 |
| 300 | 23.88 | 23.63 | 23.38 | 23.94 | 23.65 | 24.20 | 24.50 |

St Grade from 34th St to 35th St

| | | | | | | |
|------------|-------|-------|-------|------------|-------|------------|
| 14.63 H.I. | 9.81 | 12.62 | 7.35 | 10.13 | 13.00 | 15.88 |
| 7.00 | 4.82 | 2.01 | 7.38 | 4.50 | 13.95 | 11.07 |
| 7.63 | 3.72 | | 9.78 | 4.50 | 10.15 | 5.87 |
| 10.23 | 4.1 | | 2.4 | 0.0 | 43.8 | 43.2 |
| -2.6 | 0.13 | 12.62 | 15.04 | 15.25 | 13.75 | 0.00 |
| 14.50 S.P. | 14.33 | 17.51 | 8.70 | 8.20 | 2.695 | J.P. and. |
| 12.45 | 11.43 | 6.31 | 1.80 | 1.20 | 11.57 | |
| 26.95 H.I. | 12.9 | 15.2 | 16.9 | 17.0 | 38.52 | H.I. 24.50 |
| | | 21.06 | 23.88 | | 21.63 | 14.02 |
| 11.00 H.I. | | 17.46 | 14.64 | | 16.89 | 5.12 |
| 6.75 | | 8.86 | 5.74 | | 8.89 | +8.9 |
| 4.25 | 4.03 | +8.6 | +8.9 | | +8.0 | |
| 7.00 | | | | 6.40 | 6.75 | 6.00 |
| 4.00 | 3.37 | 11.00 | | 10.99 H.I. | 4.74 | 4.49 |
| | 4.24 | 6.75 | | 6.25 | 7.00 | 3.67 |
| 6.40 | 5.67 | 4.24 | | 3.99 | 8.16 | 8.29 |
| 9.94 | 7.91 | 5.74 | 15.25 | 21.06 | 24.30 | 4.49 |
| 16.34 H.I. | 13.00 | 9.81 | 12.62 | 9.45 | 6.64 | 3.20 |
| 10.13 | 3.34 | 6.53 | 3.72 | | 21.63 | 23.88 |
| 6.21 | 0.75 | 15.04 | 14.85 | 13.75 | 6.07 | 3.82 |
| 15.59 S.P. | | 12.26 | 11.82 | 8.25 | 3.50 | |
| 12.11 H.I. | | 7.00 | | 12.37 | | 9.56 |
| 27.70 H.I. | | 10.93 | | 5.56 | | 8.37 |
| 18.00 | 20.81 | 23.63 | 9.88 | 12.75 | 15.63 | 11.76 |
| 9.39 | 6.58 | 3.76 | 8.05 | 5.18 | 2.30 | 27.39 |
| | | | | | | 18.50 |
| 6.40 | 6.75 | 9.56 | 12.37 | 15.19 | 7.00 | 9.88 |
| 11.11 H.I. | 10.76 | 7.95 | 5.14 | 2.32 | 10.57 | 7.63 |
| 17.51 | | | | | | |
| 12.75 | 15.63 | 11.23 | 21.38 | 24.25 | 15.00 | 20.81 |
| 4.76 | 1.89 | 26.86 | 5.48 | 2.61 | 8.86 | 6.05 |
| 9.07 | | 18.50 | 10.95 | | | 3.23 |
| 9.94 | | 8.36 | 34.58 | | | |
| 19.57 H.I. | | | | | | |

32

Return at SW. 35th St. 1 high at end of Return on Natl.
2 cracks on S. side in Curb bet 34th & 35th
1 No. 5 E of 34th
Intersection of 34th on N & S sides need cleaning up
1/15 Aug.

Cont on Pg. 33. THIS BOOK

NATIONAL AVE

SL

NL

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| | | | | | | | |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|
| 325 East of 34 th ST | 25.28 | 25.00 | 24.79 | 25.35 | 25.08 | 25.68 | 25.93 |
| 350 ✓ | 26.68 | 26.45 | 26.20 | 26.77 | 26.52 | 27.12 | 27.37 |
| 375 | 28.09 | 27.84 | 27.62 | 28.20 | 27.96 | 28.52 | 28.81 |
| 400 ✓ | 29.50 | 29.25 | 29.03 | 29.62 | 29.40 | 30.00 | 30.25 |
| 425 ✓ | 30.90 | 30.65 | 30.44 | 31.04 | 30.83 | 31.43 | 31.68 |
| 450 ✓ | 32.31 | 32.06 | 31.86 | 32.46 | 32.27 | 32.87 | 33.12 |
| 475 | 33.72 | 33.47 | 33.28 | 33.89 | 33.71 | 34.31 | 34.56 |
| 500 ✓ | 35.13 | 34.88 | 34.69 | 35.31 | 35.15 | 35.75 | 36.00 |
| 525 | 36.53 | 36.28 | 36.11 | 36.73 | 36.58 | 37.18 | 37.43 |
| 550 ✓ | 37.94 | 37.69 | 37.52 | 38.15 | 38.02 | 38.62 | 38.87 |
| 575 | 39.34 | 39.10 | 38.94 | 39.58 | 39.46 | 40.06 | 40.31 |
| 600 W.L. 35 th ST. | 40.75 | 40.50 | 40.35 | 41.00 | 40.90 | 41.50 | 41.75 |
| | DLH | JH | | | DLH | DLH | |
| N.L. 35 th ST | 41.75 | 40.50 | 40.35 | 41.00 | 40.90 | 41.50 | 41.75 |
| W. curb | 40.60 | 40.50 | 40.60 | 41.25 | 41.15 | 41.50 | 41.50 |
| | 39.50 | 39.50 | | 40.50 | | 40.50 | 40.50 |
| N 1/4 | 40.47 | 39.87 | 40.85 | 41.50 | 41.40 | 40.87 | 41.47 |
| ± | 41.25 | 40.25 | 41.10 | 41.75 | 41.65 | 41.25 | 42.25 |
| E 1/4 | 41.46 | 40.62 | 41.35 | 42.00 | 41.90 | 41.62 | 41.40 |
| E. curb | 41.00 | 41.00 | 41.60 | 42.25 | 42.15 | 43.00 | 42.00 |
| | 42.00 | 42.00 | | 43.00 | | 43.00 | 43.00 |
| East line 35 th | 42.25 | 42.00 | 41.95 | 42.50 | 42.40 | 43.00 | 43.25 |

38.52 HI

| | | | | | | | | |
|------------|------------|-------|-------|-------|-------|-------|-------|-------|
| 27.37 | 26.68 | 29.50 | 38.40 | J.P. | 16.72 | 33.12 | 36.00 | |
| 11.15 | 11.84 | 9.02 | 16.64 | H.C. | 9.82 | 14.04 | 8.04 | 33 |
| 2.05 | 3.00 | 0.52 | 5.04 | | 47.6 | 46.0 | | |
| +9.1 | +8.9 | +8.2 | 80.25 | | 38.87 | 41.75 | 36.00 | |
| | | | 19.79 | | 11.17 | 8.29 | 3.09 | |
| 32.31 | 35.13 | 37.94 | 11.89 | | 6.87 | 5.69 | 36.73 | |
| 17.73 | 14.91 | 12.10 | +5.4 | | +4.3 | +2.6 | 3.96 | |
| 10.63 | 9.91 | 5.6 | | | | | | |
| 40.75 J | 15.0 | +3.5 | | | 26.68 | 30.25 | 32.21 | 37.94 |
| 9.29 | | | | | 12.41 | 8.84 | 6.78 | 1.15 |
| 7.79 | 27.70 H.C. | 0.53 | | | | | | |
| +7.50 | 26.68 | 27.17 | J.P. | 27.37 | 29.20 | 33.12 | 14.2 | 38.87 |
| | 1.00 | 11.92 | H.C. | 11.72 | 9.59 | 5.97 | 37.67 | 6.28 |
| | | 39.09 | | | | | 7.48 | |
| 27.39 H.C. | 11.60 | H.C. | 32.06 | 27.24 | 30.00 | 44.0 | 37.24 | 41.75 |
| 26.43 | 38.03 | | 5.97 | 10.91 | 8.03 | 8.49 | H.C. | 41.50 |
| 0.96 | 29.25 | | 34.88 | 5.16 | 2.28 | 38.62 | 37.69 | 2.74 |
| 34.08 H.C. | 8.78 | | 3.15 | 82.87 | 35.75 | 44.24 | H.C. | 41.50 |
| 26.43 | 29.25 | 32.06 | 27.12 | 30.00 | 32.87 | 5.62 | 6.55 | |
| 8.15 | 5.33 | 2.52 | 7.46 | 4.58 | 1.51 | | | |

6' 12' 6" S 88° 11' 12" E 12' x 12' East Bridge

| | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9.33 | 10.33 | 11.33 | 12.33 | 13.33 | 14.33 | 15.33 | 16.33 | 17.33 | 18.33 | 19.33 | 20.33 | 21.33 | 22.33 | 23.33 | 24.33 |
| 25.33 | 26.33 | 27.33 | 28.33 | 29.33 | 30.33 | 31.33 | 32.33 | 33.33 | 34.33 | 35.33 | 36.33 | 37.33 | 38.33 | 39.33 | 40.33 |
| 41.33 | 42.33 | 43.33 | 44.33 | 45.33 | 46.33 | 47.33 | 48.33 | 49.33 | 50.33 | 51.33 | 52.33 | 53.33 | 54.33 | 55.33 | 56.33 |
| 57.33 | 58.33 | 59.33 | 60.33 | 61.33 | 62.33 | 63.33 | 64.33 | 65.33 | 66.33 | 67.33 | 68.33 | 69.33 | 70.33 | 71.33 | 72.33 |

Subtotal = 425.00

| | | | | | | | |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|
| EL 35 TH ST | 42 23 | 42 00 | 41 50 | 42 00 | 41 40 | 43 00 | 43 20 |
| 25 | 42 52 | 42 57 | 42 42 | 43 07 | 42 97 | 43 57 | 43 92 |
| 50 | 43 35 | 43 13 | 42 98 | 43 63 | 43 53 | 44 13 | 44 38 |
| 75 | 43 94 | 43 69 | 43 54 | 44 19 | 44 09 | 44 69 | 44 94 |
| 100 | 44 50 | 44 26 | 44 10 | 44 75 | 44 65 | 45 25 | 45 50 |
| 125 | 45 07 | 44 52 | 44 67 | 45 32 | 45 22 | 45 82 | 46 07 |
| 150 | 45 63 | 45 38 | 45 23 | 45 88 | 45 78 | 46 38 | 46 63 |
| 175 | 46 19 | 45 94 | 45 79 | 46 44 | 46 34 | 46 94 | 47 19 |
| 200 | 46 75 | 46 50 | 46 35 | 47 00 | 46 90 | 47 50 | 47 75 |
| 225 | 47 32 | 47 07 | 46 92 | 47 57 | 47 47 | 48 07 | 48 32 |
| 250 | 47 50 | 47 63 | 47 48 | 48 13 | 48 03 | 48 63 | 48 88 |
| 275 | 48 44 | 48 19 | 48 04 | 48 69 | 48 59 | 49 19 | 49 44 |
| 300 | 49 00 | 48 75 | 48 60 | 49 25 | 49 15 | 49 75 | 50 00 |
| 320 GP | 49 35 | 49 20 | 49 05 | 49 70 | 49 60 | 50 20 | 50 45 |
| 340 | 49 51 | 49 36 | 49 41 | 50 06 | 49 96 | 50 56 | 50 81 |
| 360 | 49 57 | 49 72 | 49 57 | 50 22 | 50 12 | 50 72 | 50 97 |
| 390 | 49 95 | 49 70 | 49 55 | 50 20 | 50 10 | 50 70 | 50 95 |
| 400 | 49 60 | 49 35 | 49 19 | 49 83 | 49 75 | 50 35 | 50 60 |
| 420 | 49 20 | 48 55 | 48 40 | 49 45 | 49 35 | 49 95 | 50 20 |
| 440 | 48 47 | 48 22 | 48 07 | 48 72 | 48 62 | 49 22 | 49 47 |
| 460 | 47 56 | 47 31 | 47 16 | 47 81 | 47 71 | 48 31 | 48 56 |
| 480 GP | 46 45 | 46 20 | 46 05 | 46 70 | 46 60 | 47 20 | 47 45 |
| 500 | 45 25 | 45 00 | 44 85 | 45 50 | 45 40 | 46 00 | 46 25 |
| 525 | 43 25 | 43 00 | 42 85 | 43 50 | 43 40 | 44 00 | 44 25 |
| 550 | 42 20 | 42 00 | 41 85 | 42 50 | 42 40 | 43 00 | 43 25 |
| 575 | 40 75 | 40 50 | 40 35 | 41 00 | 40 90 | 41 50 | 41 75 |
| 600 W.L. 36 TH ST | 39 25 | 39 00 | 38 85 | 39 50 | 39 40 | 40 00 | 40 25 |

| | | | | | | |
|------------|-------|------------|------------|------------|-------|-------|
| 50 04 H.I. | 44 35 | 45 50 | 46 63 | 47 78 | 48 93 | 50 08 |
| 48 25 | 5 66 | 4 54 | 3 41 | 49 26 S.P. | 6 87 | 5 64 |
| 6 79 | 3 26 | 2 34 | 1 21 | 5 64 | 4 51 | 3 38 |
| 4 09 | +2.4 | 42.2 | +2.2 | 47 88 | 4 900 | 4 940 |
| +2.7 | 48 28 | 44 50 | 45 63 | 46 76 | 47 89 | 48 51 |
| 42 25 | 6 66 | 5 54 | 4 41 | 3 29 | 5 95 | 5 13 |
| 7 79 | 4 86 | 3 54 | 2 31 | 1 29 | 4 23 | 4 98 |
| 6 79 | +1.8 | 43.0 | +2.1 | +2.0 | +1.7 | +2.1 |
| +1.0 | 49 97 | 49 95 | 49 60 | 49 20 | 48 47 | 47 86 |
| 6 16 | 6 19 | 6 53 | 6 93 | 7 66 | 8 57 | 9 65 |
| 3 96 | 8 39 | 2 73 | 1 72 | 2 26 | 3 67 | 4 38 |
| +2.2 | +2.8 | +3.8 | +5.2 | 14.9 | 10.0 | +3.3 |
| 47 25 | 48 58 | 50 00 | 50 45 | 50 81 | 50 97 | 50 95 |
| 8 38 | 7 25 | 6 13 | 5 64 | 5 32 | 5 16 | 5 18 |
| 5 68 | 4 85 | 3 73 | 3 28 | 2 52 | 2 06 | 1 98 |
| +2.7 | +2.4 | +2.4 | +2.5 | +2.6 | +3.2 | +3.9 |
| 47 45 | 46 25 | 43 25 | 43 26 S.P. | 40 25 | 3 98 | 3 95 |
| 6 68 | 9 38 | 12 88 | 6 24 | 3 25 | 40 02 | 42 5 |
| 4 48 | 6 18 | 9 68 | 48 50 H.I. | 2 40 | 3 69 | 4 25 |
| +4.2 | +3.7 | +3.2 | 0.72 | +0.8 | 42.6 | 0.0 |
| 48 28 H.I. | 49 20 | 49 17 S.P. | 49 51 | 49 22 | 48 85 | 48 20 |
| 39 00 | 42 00 | 56 50 H.I. | 9 19 | 8 29 | 7 55 | 7 15 |
| 9 28 | 6 28 | 45 00 | 46 20 | 47 31 | 48 00 | 48 60 |
| 4 09 | 2 08 | 3 28 | 4 08 | 4 97 | 5 88 | 6 79 |
| 47 19 S.P. | 49 22 | 49 95 | 50 35 | 50 70 | 50 72 | 40 00 |
| 6 60 | 4 57 | 3 84 | 3 44 | 3 09 | 3 07 | 4 87 |
| 53 79 | 7 40 | 50 56 | 50 20 | 49 75 | 48 57 | 48 90 |
| 48 31 | 5 45 | 4 03 | 4 39 | 4 84 | 5 33 | 5 89 |
| 5 48 | 4 52 | 4 55 | 4 95 | 4 97 | 4 95 | 4 95 |
| 47 63 | 46 50 | 45 38 | 44 25 | 43 13 | 42 00 | 40 88 |
| 6 96 | 8 09 | 9 21 | 10 34 | 11 46 | 12 59 | 13 71 |
| 45 25 | 44 13 | 43 00 | 41 88 | 40 75 | 39 62 | 38 50 |
| 9 34 | 10 46 | 11 59 | 12 71 | 13 84 | 14 97 | 16 10 |

This block OK 7/19/15 Group

NATIONAL AVE

| | | | | | | | |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|
| WESTLINE 36 TH ST | 39.25 | 39.00 | 38.90 | 39.50 | 39.40 | 40.00 | 40.25 |
| W. CURB | 39.00 | 39.00 | 38.51 | 39.14 | 39.03 | 40.00 | 40.00 |
| W. 1/4 | 38.40 | 38.50 | 38.18 | 38.83 | 38.73 | 38.50 | 39.40 |
| E | 38.00 | 37.00 | 37.80 | 38.60 | 38.40 | 38.00 | 39.00 |
| E 1/4 | 37.10 | 36.50 | 37.51 | 38.16 | 38.06 | 37.50 | 38.10 |
| E CURB | 36.00 | 36.00 | 37.18 | 37.83 | 37.73 | 38.00 | 38.00 |
| EASTLINE 36 TH ST | 37.25 | 37.00 | 36.85 | 37.50 | 37.40 | 38.00 | 38.25 |
| EASTLINE 36 TH ST | 37.25 | 37.00 | 36.85 | 37.50 | 37.40 | 38.00 | 38.25 |
| 25 | 37.38 | 37.13 | 36.98 | 37.63 | 37.53 | 38.13 | 38.38 |
| 50 | 37.50 | 37.25 | 37.10 | 37.75 | 37.65 | 38.25 | 38.50 |
| 75 | 37.63 | 37.38 | 37.23 | 37.88 | 37.78 | 38.38 | 38.63 |
| 100 | 37.75 | 37.50 | 37.35 | 38.00 | 37.90 | 38.50 | 38.75 |
| 125 | 37.88 | 37.63 | 37.48 | 38.13 | 38.03 | 38.63 | 38.88 |
| 150 | 38.00 | 37.75 | 37.60 | 38.25 | 38.15 | 38.75 | 39.00 |
| 175 | 38.15 | 37.88 | 37.73 | 38.38 | 38.28 | 38.88 | 39.13 |
| 200 | 38.25 | 38.00 | 37.85 | 38.50 | 38.40 | 39.00 | 39.25 |
| 225 | 38.38 | 38.13 | 37.98 | 38.63 | 38.53 | 39.13 | 39.38 |
| 250 | 38.50 | 38.25 | 38.10 | 38.75 | 38.65 | 39.25 | 39.50 |
| 275 | 38.63 | 38.38 | 38.23 | 38.88 | 38.78 | 39.38 | 39.63 |
| 300 | 38.75 | 38.50 | 38.35 | 39.00 | 38.90 | 39.50 | 39.75 |
| 325 | 39.00 | 38.75 | 38.60 | 39.25 | 39.15 | 40.00 | 40.25 |
| 350 | 40.16 | 39.91 | 39.76 | 40.41 | 40.31 | 40.91 | 41.16 |
| 375 | 40.87 | 40.62 | 40.47 | 41.12 | 41.02 | 41.62 | 41.87 |
| 400 | 41.58 | 41.33 | 41.18 | 41.83 | 41.73 | 42.33 | 42.58 |
| 425 | 42.29 | 42.04 | 41.89 | 42.54 | 42.44 | 43.04 | 43.29 |
| 450 | 43.00 | 42.75 | 42.60 | 43.25 | 43.15 | 43.75 | 44.00 |

CONT on pg 36 THIS BOOK

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 13.50 | 14.50 | 15.50 | 16.50 | 17.50 | 18.50 | 19.50 | 20.50 |
| 38.25 | 38.50 | 38.75 | 39.00 | 39.25 | 39.50 | 39.75 | 40.00 |
| 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 |
| 5.45 | 5.70 | 5.95 | 6.20 | 6.45 | 6.70 | 6.95 | 7.20 |
| 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 37.25 | 37.50 | 37.75 | 38.00 | 38.25 | 38.50 | 38.75 | 39.00 |
| 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 |
| 6.55 | 6.80 | 7.05 | 7.30 | 7.55 | 7.80 | 8.05 | 8.30 |
| 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| 0.33 | 0.44 | 0.55 | 0.66 | 0.77 | 0.88 | 0.99 | 1.10 |
| 43.175 | 43.35 | 43.525 | 43.7 | 43.875 | 44.05 | 44.225 | 44.4 |
| 13.03 | 13.26 | 13.49 | 13.72 | 13.95 | 14.18 | 14.41 | 14.64 |
| 56.20 | 56.40 | 56.60 | 56.80 | 57.00 | 57.20 | 57.40 | 57.60 |
| 38.25 | 38.50 | 38.75 | 39.00 | 39.25 | 39.50 | 39.75 | 40.00 |
| 11.24 | 11.48 | 11.72 | 11.96 | 12.20 | 12.44 | 12.68 | 12.92 |
| 39.1 | 39.33 | 39.56 | 39.79 | 40.02 | 40.25 | 40.48 | 40.71 |
| 9.58 | 9.81 | 10.04 | 10.27 | 10.50 | 10.73 | 10.96 | 11.19 |
| 48.09 | 48.33 | 48.57 | 48.81 | 49.05 | 49.29 | 49.53 | 49.77 |
| 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 |
| 4.84 | 5.08 | 5.32 | 5.56 | 5.80 | 6.04 | 6.28 | 6.52 |
| 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 |
| 43.00 | 43.25 | 43.50 | 43.75 | 44.00 | 44.25 | 44.50 | 44.75 |
| 48.09 | 48.33 | 48.57 | 48.81 | 49.05 | 49.29 | 49.53 | 49.77 |
| 42.75 | 43.00 | 43.25 | 43.50 | 43.75 | 44.00 | 44.25 | 44.50 |
| 15.34 | 15.58 | 15.82 | 16.06 | 16.30 | 16.54 | 16.78 | 17.02 |
| 40.00 | 40.25 | 40.50 | 40.75 | 41.00 | 41.25 | 41.50 | 41.75 |
| 7.69 | 7.93 | 8.17 | 8.41 | 8.65 | 8.89 | 9.13 | 9.37 |
| 47.71 | 47.95 | 48.19 | 48.43 | 48.67 | 48.91 | 49.15 | 49.39 |
| 40.16 | 40.40 | 40.64 | 40.88 | 41.12 | 41.36 | 41.60 | 41.84 |
| 7.55 | 7.79 | 8.03 | 8.27 | 8.51 | 8.75 | 8.99 | 9.23 |

10 cracks in curb on No. Side 37th to 38th the worst ones running thru gutter
 inside corner ret 5/16" high
 intersections at N+S Property Lines 36th need cleaning up.
 Curb bet 37th + 38th are rather wavy altho no place is over .1' from grade
 walk on So. Side 36th to 37th is a low except at break at returns
 where is the outlet for culvert on 36th ST
 walk from break to No. E bet 36 + 37 is .15' low ← looks bad.
 6 cracks in curb on So side bet 36 + 37 7/12/15 Gregory

NATIONAL ARC

Φ

| | | | | | | | |
|---------------------------------|-------|-------|-------|-------|-------|-------|---------|
| 475 East of 36 th ST | 43.71 | 43.46 | 43.31 | 43.96 | 43.86 | 44.16 | 44.71 |
| 500 ✓ | 44.42 | 44.17 | 44.02 | 44.67 | 44.57 | 45.17 | 45.42 |
| 525 | 45.12 | 44.87 | 44.72 | 45.37 | 45.27 | 45.87 | 46.12 |
| 550 ✓ | 45.83 | 45.59 | 45.43 | 46.08 | 45.98 | 46.58 | 46.83 |
| 575 | 46.54 | 46.29 | 46.14 | 46.79 | 46.69 | 47.29 | 47.54 |
| 600 W.L. 37 th ST | 47.25 | 47.00 | 46.85 | 47.50 | 47.40 | 48.00 | 48.25 ✓ |
| WEST Line 37 th ST | 47.25 | 47.00 | 46.85 | 47.50 | 47.40 | 48.00 | 48.25 |
| W CURB | 47.00 | 47.00 | 47.01 | 47.66 | 47.56 | 48.00 | 48.00 |
| W 1/4 | 46.85 | 46.25 | 47.14 | 47.83 | 47.73 | 47.25 | 47.85 |
| E | 47.80 | 46.50 | 47.35 | 48.00 | 47.90 | 47.80 | 48.50 |
| E 1/4 | 47.40 | 46.75 | 47.51 | 48.16 | 48.06 | 47.75 | 48.40 |
| E CURB | 48.00 | 47.00 | 47.68 | 48.33 | 48.23 | 49.00 | 49.00 |
| EAST Line 37 th ST | 48.25 | 48.00 | 47.85 | 48.50 | 48.40 | 49.00 | 49.25 ✓ |
| EAST Line 37 th ST | 48.25 | 48.00 | 47.85 | 48.50 | 48.40 | 49.00 | 49.25 ✓ |
| 25 | 49.05 | 48.83 | 48.68 | 49.33 | 49.23 | 49.83 | 50.08 |
| 50 ✓ | 49.91 | 49.66 | 49.51 | 50.16 | 50.06 | 50.66 | 50.91 ✓ |
| 75 | 50.74 | 50.49 | 50.34 | 50.99 | 50.89 | 51.49 | 51.74 |
| 100 ✓ | 51.58 | 51.33 | 51.18 | 51.83 | 51.73 | 52.33 | 52.58 ✓ |
| 125 | 52.42 | 52.17 | 52.02 | 52.67 | 52.57 | 53.17 | 53.42 |
| 140 GP | 52.92 | 52.67 | 52.52 | 53.17 | 53.07 | 53.67 | 53.92 |
| 150 ✓ | 53.25 | 53.00 | 52.85 | 53.50 | 53.40 | 54.00 | 54.25 ✓ |
| 175 | 54.08 | 53.83 | 53.68 | 54.33 | 54.23 | 54.83 | 55.08 |
| 180 G.P. ✓ | 54.25 | 54.00 | 53.85 | 54.50 | 54.40 | 55.00 | 55.25 ✓ |
| 200 ✓ | 55.32 | 55.27 | 55.12 | 55.77 | 55.67 | 56.27 | 56.52 |
| 225 | 57.11 | 56.96 | 56.71 | 57.36 | 57.26 | 57.86 | 58.11 |

C 0177. 017 P9 37 THIS BOOK

| | | | | | | | |
|------------|------------|-------|-------|-------|------------|-------|-------|
| 56.20 H.I. | 46.83 | 45.26 | 49.25 | 50.91 | 52.05 | 54.25 | 55.25 |
| 45.42 | 9.37 | 7.90 | 6.95 | 5.29 | 3.62 | 1.95 | 0.85 |
| 10.78 | 8.87 | 7.25 | 4.78 | 4.59 | 4.02 | 2.65 | 1.05 |
| 10.58 | +0.5 | +0.7 | +2.2 | +0.7 | -0.4 | -0.7 | -0.1 |
| 44.42 | 40.83 | 47.25 | 48.25 | 49.91 | 51.08 | 53.25 | 54.25 |
| 11.78 | 10.37 | 8.95 | 7.95 | 6.29 | 4.62 | 2.95 | 1.95 |
| 12.38 | 11.07 | 9.65 | 8.05 | 7.09 | 6.02 | 4.25 | 2.85 |
| -0.8 | -0.7 | -0.7 | -0.1 | -0.8 | -1.4 | -1.3 | -0.9 |
| 49.49 H.I. | 45.17 | 46.58 | 48.00 | 45.29 | 47.00 | | |
| 44.17 | 4.32 | 2.91 | 1.49 | 3.71 | 2.49 | | |
| 5.32 | | | | | | | |
| 68.20 H.I. | 56.27 | 55.00 | 56.20 | 58.25 | 54.0 | 52.83 | 50.66 |
| 55.27 | 11.93 | 13.20 | 12.51 | 12.97 | 12.97 | 12.23 | 10.90 |
| 12.93 | | | | | | | |
| 54.0 | 5.30 | 6.83 | 4.66 | 4.00 | 5.77 | 6.56 | 7.56 |
| 3.20 | 3.20 | 4.87 | 6.54 | 8.20 | 5.29 | 6.83 | 5.16 |
| 65.51 H.I. | 54.0 | 53.0 | | | | | |
| 55.27 | 77.51 | 12.51 | | | | | |
| 10.24 | 12.62 | 5 | | | | | |
| 52.89 J.P. | 52.33 | 50.66 | 49.00 | 40.02 | 2.06 | 7.23 | 10.90 |
| 1.67 | 54.56 H.I. | 2.23 | 3.90 | 5.56 | 42.08 H.I. | | |
| 5.00 | 10.54 | | | | 12.00 | 31.73 | |
| 55.00 | | | | 34.00 | 30.00 | 10.75 | |
| 1.55 H.I. | 53.25 | 49.91 | | | | | |
| 56.55 | 3.30 | 6.64 | | | | | |
| 53.25 | 51.08 | 49.25 | | | | | |
| 3.30 | 4.99 | 8.30 | | | | | |
| 40.02 | | | | | | | |
| 8.07 H.I. | 45.58 | 44.17 | | | | | |
| 48.09 | 47.00 | 2.51 | 3.72 | 31.13 | 45.83 | 44.42 | |
| 48.00 | 1.09 | | | | 1.88 | 3.29 | |
| 0.09 | | | | | | 47.25 | |
| | | | | | | 0.46 | |

NATIONAL AVE

| | | | | | | | |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|
| 250 E of 37 th ST | 58.70 | 59.45 | 60.30 | 61.20 | 62.15 | 63.15 | 64.20 |
| 275 | 60.29 | 60.04 | 59.89 | 60.54 | 60.04 | 61.04 | 61.29 |
| 300 | 61.59 | 61.63 | 61.48 | 62.13 | 62.03 | 62.63 | 62.88 |
| 325 | 63.47 | 63.22 | 63.07 | 63.72 | 63.62 | 64.22 | 64.47 |
| 350 | 65.06 | 64.81 | 64.66 | 65.31 | 65.21 | 65.81 | 66.06 |
| 375 | 66.65 | 66.40 | 66.25 | 66.90 | 66.80 | 67.40 | 67.65 |
| 400 SP | 68.25 | 68.00 | 67.85 | 68.50 | 68.40 | 69.00 | 69.25 |
| 425 | 69.79 | 69.54 | 69.39 | 69.94 | 69.84 | 70.44 | 70.19 |
| 450 | 70.13 | 69.88 | 69.73 | 70.38 | 70.28 | 70.88 | 71.13 |
| 475 | 71.07 | 70.82 | 70.67 | 71.32 | 71.22 | 71.82 | 72.07 |
| 500 | 72.00 | 71.75 | 71.60 | 72.25 | 72.15 | 72.75 | 73.00 |
| 525 | 72.93 | 72.68 | 72.53 | 73.18 | 73.08 | 73.68 | 73.93 |
| 550 | 73.87 | 73.62 | 73.47 | 74.12 | 74.02 | 74.62 | 74.87 |
| 575 | 74.81 | 74.56 | 74.41 | 75.06 | 74.96 | 75.56 | 75.81 |
| 600 WL of 38 th ST | 75.75 | 75.50 | 75.35 | 76.00 | 75.90 | 76.50 | 76.75 |
| W.L. 38 th ST | 75.75 | 75.50 | 75.35 | 76.00 | 75.90 | 76.50 | 76.75 |
| W. Curb | 75.50 | 75.50 | 75.51 | 76.16 | 76.06 | 76.66 | 76.50 |
| W 1/4 | 75.35 | 74.90 | 75.68 | 76.33 | 76.23 | 76.83 | 76.35 |
| 4 | 76.00 | 75.00 | 75.85 | 76.50 | 76.40 | 76.00 | 77.00 |
| E 1/4 | 75.90 | 75.35 | 76.01 | 76.66 | 76.56 | 76.15 | 76.90 |
| E Curb | 75.00 | 75.40 | 76.18 | 76.83 | 76.73 | 77.33 | 77.50 |
| EASTLINE 38 th ST | 76.75 | 76.50 | 76.35 | 77.00 | 76.90 | 77.50 | 77.75 |

| | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|
| 68.51 | 61.88 | 65.06 | 59.70 | 62.88 | 66.06 | 0.19 |
| 68.70 | 6.63 | 3.45 | 8.81 | 5.63 | 2.45 | 68.33 |
| 9.81 | 4.33 | 0.85 | 8.21 | 4.73 | 0.95 | 12.30 |
| 5.41 | 4.33 | 40.6 | 40.9 | 47.5 | 51.23 | HI. |
| +1.4 | +2.3 | +2.6 | | | | |
| 69.25 | 7.113 | 73.00 | 74.87 | 76.75 | 77.75 | 12.1 |
| 17.98 | 10.10 | 8.23 | 6.36 | 4.48 | 3.48 | 80.92 |
| 10.18 | 8.10 | 6.73 | 4.96 | 3.18 | 7.18 | 68.25 |
| 4.18 | +2.0 | 4.15 | +1.4 | +1.3 | 42.3 | 13.02 |
| 75.75 | 76.75 | 80.71 | HI. | 74.62 | 72.75 | 70.88 |
| 5.52 | 4.82 | 76.50 | | 6.09 | 7.96 | 7.83 |
| 5.22 | 3.02 | 4.21 | | | | 11.71 |
| +0.3 | 4.15 | 5.21 | 7.09 | 8.96 | 10.83 | 12.71 |
| | | 4.96 | 6.84 | 8.71 | 10.58 | 12.46 |
| 61.63 | 58.45 | 65.81 | 62.63 | 59.45 | | |
| 6.57 | 9.73 | 2.39 | 5.57 | 8.75 | | |
| 85.24 | HI. | 74.15 | JR | 72.25 | 68.50 | 65.31 |
| 76.00 | 11.42 | 72.93 | 1.79 | 5.54 | 8.73 | 11.91 |
| 75.74 | 9.54 | 11.11 | HI. | 70.38 | | |
| 2.49 | | 74.04 | | 3.66 | | |
| 78.23 | HI. | 75.50 | 76.50 | 74.62 | 72.75 | 70.88 |
| 6.163 | 5.845 | 2.73 | 1.79 | 3.61 | 5.48 | 7.36 |
| 3.88 | 7.06 | | | | | |
| 75.74 | 74.75 | 72.87 | 71.00 | 69.13 | 67.25 | |
| 2.09 | 3.06 | 4.96 | 6.88 | 8.70 | 10.58 | |
| HI. 77.83 | | | | | | |
| 13.00 | | | | | | |
| TR=64.83 | 75.75 | 73.87 | 72.00 | 70.13 | 68.25 | |
| 2.20 | 2.08 | 3.94 | 5.83 | 7.70 | 9.58 | |
| M=67.03 | 64.06 | 60.88 | 57.70 | 54.52 | 53.25 | 52.25 |
| | 2.97 | 6.15 | 9.33 | 12.51 | | |
| | 65.06 | 61.88 | 58.70 | 55.52 | 54.25 | 53.25 |
| | 1.97 | 5.15 | 8.33 | 11.51 | 12.78 | |

NATIONAL AVE

| | | | | | | | |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|
| East Line 38 th St | 76.75 | 76.50 | 76.30 | 77.00 | 76.90 | 77.50 | 77.75 |
| 25 | 77.02 | 76.77 | 76.62 | 77.27 | 77.17 | 77.77 | 78.02 |
| 50 | 77.24 | 77.04 | 76.89 | 77.54 | 77.44 | 78.04 | 78.29 |
| 75 | 77.56 | 77.31 | 77.16 | 77.81 | 77.71 | 78.31 | 78.56 |
| 100 | 77.83 | 77.58 | 77.43 | 78.08 | 77.98 | 78.58 | 78.83 |
| 125 | 78.10 | 77.85 | 77.70 | 78.35 | 78.25 | 78.85 | 79.10 |
| 150 | 78.37 | 78.12 | 77.97 | 78.62 | 78.52 | 79.12 | 79.37 |
| 175 | 78.64 | 78.39 | 78.24 | 78.89 | 78.79 | 79.39 | 79.64 |
| 200 | 78.92 | 78.67 | 78.52 | 79.16 | 79.06 | 79.67 | 79.92 |
| 225 | 79.19 | 78.94 | 78.79 | 79.44 | 79.34 | 79.94 | 80.19 |
| 250 | 79.46 | 79.21 | 79.06 | 79.71 | 79.61 | 80.21 | 80.46 |
| 275 | 79.73 | 79.48 | 79.33 | 79.98 | 79.88 | 80.48 | 80.73 |
| 300 | 80.00 | 79.75 | 79.60 | 80.25 | 80.15 | 80.75 | 81.00 |
| 325 | 80.27 | 80.02 | 79.87 | 80.52 | 80.42 | 81.02 | 81.27 |
| 350 | 80.54 | 80.29 | 80.14 | 80.79 | 80.69 | 81.29 | 81.54 |
| 375 | 80.81 | 80.56 | 80.41 | 81.06 | 80.96 | 81.56 | 81.81 |
| 400 | 81.08 | 80.83 | 80.68 | 81.33 | 81.23 | 81.83 | 82.08 |
| 425 | 81.35 | 81.10 | 80.95 | 81.60 | 81.50 | 82.10 | 82.35 |
| 450 | 81.62 | 81.37 | 81.22 | 81.87 | 81.77 | 82.37 | 82.62 |
| 475 | 81.89 | 81.64 | 81.49 | 82.14 | 82.04 | 82.64 | 82.89 |
| 500 | 82.17 | 81.92 | 81.77 | 82.42 | 82.32 | 82.92 | 83.17 |
| 525 | 82.44 | 82.19 | 82.04 | 82.69 | 82.59 | 83.19 | 83.44 |
| 550 | 82.71 | 82.46 | 82.31 | 82.96 | 82.86 | 83.46 | 83.71 |
| 575 | 82.98 | 82.73 | 82.58 | 83.23 | 83.13 | 83.73 | 83.98 |
| 600 W. 39 th St. | 83.25 | 83.00 | 82.85 | 83.50 | 83.40 | 84.00 | 84.25 |

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 80.06 | 78.37 | 79.92 | 80.46 | 81.00 | 81.54 | 82.08 | 82.62 |
| 712 | 8.33 | 7.81 | 7.26 | 6.72 | 6.19 | 5.64 | 5.10 |
| 87.18 | 5.65 | 5.61 | 5.56 | 5.52 | 5.48 | 5.44 | 5.40 |
| 78.29 | 8.89 | 8.84 | 8.79 | 8.74 | 8.69 | 8.64 | 8.59 |
| 6.49 | 8.37 | 8.45 | 8.52 | 8.57 | 8.62 | 8.67 | 8.72 |
| 83.17 | 3.47 | 2.93 | 2.39 | 1.85 | 1.31 | 0.77 | 0.23 |
| 41.01 | 3.17 | 2.13 | 1.13 | 0.13 | 0.13 | 0.13 | 0.13 |
| 8.31 | 4.03 | 4.02 | 4.02 | 4.02 | 4.02 | 4.02 | 4.02 |
| 10.7 | 78.92 | 78.37 | 77.83 | 77.29 | 80.06 | 76.50 | 77.50 |
| 79.46 | 8.26 | 8.81 | 9.35 | 9.89 | 4.08 | 7.64 | 6.64 |
| 7.72 | 7.26 | 7.41 | 7.55 | 8.29 | 84.74 | 78.04 | 77.04 |
| 70.2 | 4.72 | 4.74 | 4.76 | 4.78 | 11.10 | 6.10 | 7.10 |
| 10.7 | 78.58 | 79.12 | 78.12 | 78.67 | 78.67 | 80.21 | 79.21 |
| 77.58 | 5.58 | 5.02 | 6.02 | 5.47 | 4.47 | 3.93 | 3.39 |
| 6.56 | 81.29 | 80.29 | 80.83 | 81.93 | 82.37 | 81.37 | 81.92 |
| 2.55 | 3.85 | 3.31 | 2.31 | 1.77 | 2.77 | 2.22 | 1.22 |
| 84.00 | 83.84 | 83.46 | 82.46 | 83.00 | 84.00 | 81.00 | 80.46 |
| 0.14 | 4.03 | 4.21 | 5.21 | 4.67 | 3.67 | 2.67 | 1.67 |
| 80.06 | 87.67 | 83.46 | 82.46 | 83.00 | 84.00 | 81.00 | 80.46 |
| 0.65 | 77.75 | 78.29 | 78.83 | 79.37 | 80.06 | 80.80 | 81.54 |
| 80.71 | 2.96 | 2.42 | 1.88 | 1.34 | 0.80 | 0.24 | 0.28 |
| 81.87 | 81.83 | 80.79 | 80.25 | 79.71 | 79.16 | 78.62 | 78.08 |
| 3.67 | 4.21 | 4.75 | 5.29 | 5.83 | 6.38 | 6.92 | 7.46 |
| 10.26 | 84.0 | 83.0 | 83.46 | 82.46 | 82.92 | 81.92 | 81.42 |
| 75.74 | 1.94 | 2.94 | 2.48 | 3.48 | 3.02 | 4.02 | 4.02 |
| 85.94 | 8.87 | 8.87 | 8.87 | 8.87 | 8.87 | 8.87 | 8.87 |
| 81.37 | 82.37 | 75.74 | 75.74 | 75.74 | 75.74 | 75.74 | 75.74 |
| 4.57 | 3.57 | 84.60 | 84.60 | 84.60 | 84.60 | 84.60 | 84.60 |
| 79.21 | 79.67 | 78.12 | 78.58 | 77.04 | 77.50 | 84.0 | 84.0 |
| 5.40 | 4.94 | 6.49 | 6.03 | 7.57 | 7.11 | 86.52 | 86.52 |
| 81.08 | 80.54 | 80.0 | 79.46 | 78.92 | 78.37 | 83.46 | 82.71 |
| 4.92 | 5.46 | 6.00 | 6.54 | 7.08 | 7.63 | 86.00 | 82.71 |
| 77.33 | 77.29 | 76.75 | 76.75 | 76.75 | 76.75 | 83.29 | 83.83 |
| 8.77 | 8.71 | 9.25 | 9.25 | 9.25 | 9.25 | 3.83 | 4.38 |

B.M. = 75.74
 6.42
 75.75
 76.29
 76.83
 77.37
 77.92
 78.46

crack in curb 165' E of 38th on So Side.
 2' return NE 38th
 curb 20' E of 38th on No. Side
 inside corners of Returns at 38th are from 11 to 13 high 7 1/2' by 5'
 crack in curb 45' W of 39th on So. Side
 20' end of curb at 39th is 22 in street SW corner.

S.L. NATIONAL AVE

E

NL

39

| | | | | | | | |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|
| W.L. 39 th ST | 83.25 | 83.00 | 82.84 | 83.50 | 83.40 | 84.00 | 84.26 |
| W Curb | 83.00 | 83.00 | | | | 84.00 | 84.00 |
| | 82.00 | 82.00 | 82.25 | 82.50 | 82.75 | 83.00 | 83.00 |
| W 1/4 | 82.60 | 82.77 | 82.93 | 83.10 | 83.27 | 83.43 | 83.60 |
| ⊕ | 83.00 | 83.17 | 83.36 | 83.50 | 83.67 | 83.83 | 84.00 |
| E 1/4 | 82.66 | 82.77 | 82.93 | 83.10 | 83.27 | 83.43 | 83.60 |
| | 82.00 | 82.00 | 82.20 | 82.50 | 82.70 | 83.00 | 83.20 |
| E Curb | 83.00 | 83.00 | | | | 84.00 | 84.00 |
| E.L. 39 th ST | 83.25 | 83.00 | 82.84 | 83.50 | 83.40 | 84.00 | 84.26 |

E.L. 39th ST 83.25 83.00 82.84 83.50 83.40 84.00 84.26

20

50

75

100

125

150

175

200

225

250

300

325

350

National Ave

375

400

425

450

475

500

525

550

575

600 W.L. 40th

6300

6500

W.L. 40th ST

6300

6500

W Curb

W 1/4

+

E 1/4

E Curb

E Line 40th ST

6100

6300

National Ave

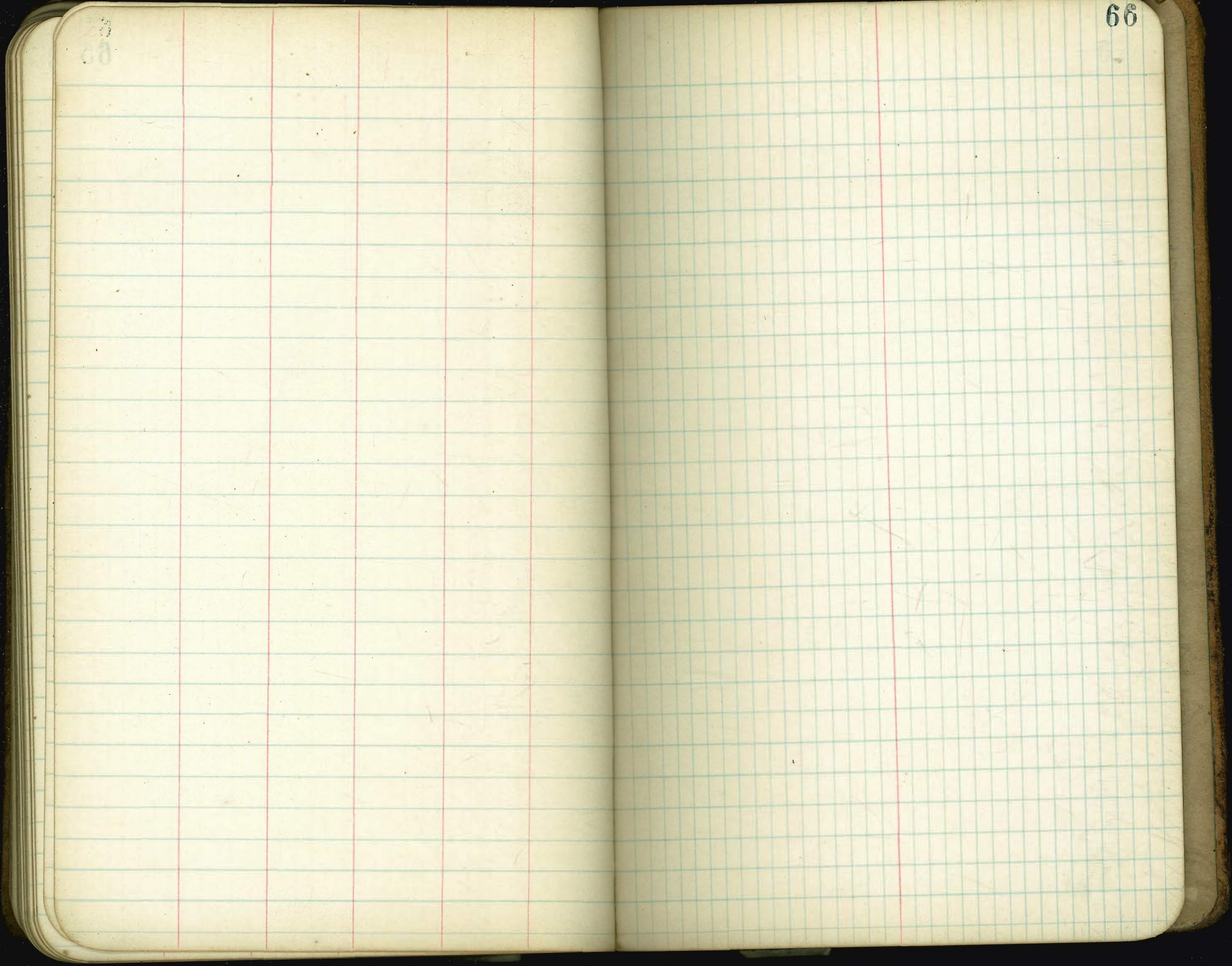
41

w

e

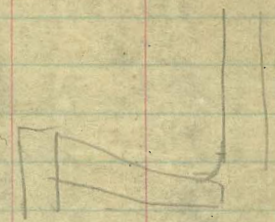
s

| | | | | | | | |
|-------------------|------|------|------|------|------|------|------|
| 131 E. of 33rd St | 8.12 | 7.87 | 7.47 | 7.84 | 7.40 | 7.80 | 8.05 |
| 137 | 8.05 | 7.80 | 7.40 | 7.77 | 7.34 | 7.74 | 7.99 |
| 150 | 7.91 | 7.66 | 7.26 | 7.62 | 7.19 | 7.59 | 7.84 |
| 170 | 7.69 | 7.44 | 7.04 | 7.40 | 6.96 | 7.36 | 7.61 |
| 179 | 7.59 | 7.34 | 6.94 | 7.30 | 6.86 | 7.26 | 7.51 |



209

80.1200
 25
 125
 25
 375



1465) 13.304 7.08
 13 185
 115088

741 27
 156 27
 73.83
 53.83

76.1
 153
 60.8

146.58

165.75
 312.53

385.13

161.55

5.47 327

1.18
 50.35

3266
 86

3.02

1.5
 2.80
 74.10
 .77

87

2.30

87
 96

115
 20
 2300

1052 1.38
 327 73
 7250 414
 981766
 3690
 2116 10024

52.52
 81.5
 99.76

260 300 11.15
 268
 484

200
 1000
 1160

37
 17
 10673
 10624

80.84
 4.43
 76.41

15066 112
 156.5
 307.16
 538
 31246

9500
 338