471

Return to City Engineers Office
City Hall, San Diego, Cal.

400

LEVEL

F.B.471

Return to City Engineers Office
City Hall, San Diego, Cal.

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

*Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.*

| MINUTES. | LKS. | MINUTES. | LKS. | MINUTES. | LKS. |
|---|---|---|---|---|---|
| 1 | 2⅓ | 21 | 49 | 41 | 95⅔ |
| 2 | 4⅔ | 22 | 51⅓ | 42 | 98 |
| 3 | 7 | 23 | 53⅔ | 43 | 100⅓ |
| 4 | 9⅓ | 24 | 56 | 44 | 102⅔ |
| 5 | 11⅔ | 25 | 58⅓ | 45 | 105 |
| 6 | 14 | 26 | 60⅔ | 46 | 107⅓ |
| 7 | 16⅓ | 27 | 63 | 47 | 109⅔ |
| 8 | 18⅔ | 28 | 65⅓ | 48 | 112 |
| 9 | 21 | 29 | 67⅔ | 49 | 114⅓ |
| 10 | 23⅓ | 30 | 70 | 50 | 116⅔ |
| 11 | 25⅔ | 31 | 72⅓ | 51 | 119 |
| 12 | 28 | 32 | 74⅔ | 52 | 121⅓ |
| 13 | 30⅓ | 33 | 77 | 53 | 123⅔ |
| 14 | 32⅔ | 34 | 79⅓ | 54 | 126 |
| 15 | 35 | 35 | 81⅔ | 55 | 128⅓ |
| 16 | 37⅓ | 36 | 84 | 56 | 130⅓ |
| 17 | 39⅔ | 37 | 86⅓ | 57 | 133 |
| 18 | 42 | 38 | 88⅔ | 58 | 135½ |
| 19 | 44⅓ | 39 | 91 | 59 | 137⅔ |
| 20 | 46⅔ | 40 | 93⅓ | 60 | 140 |

MICROFILMED
DEC 10 1964

## TABLE FOR RUNNING ON SLOPES.

*In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.*

| ANGLE | COR. IN LINKS | ANGLE | COR. IN LINKS | ANGLE | COR. IN LINKS | ANGLE | COR. IN LINKS |
|---|---|---|---|---|---|---|---|
| ° | | ° | | ° | | ° | |
| 4 | 0.24 | 11 | 1.88 | 18 | 5.14 | 25 | 10.54 |
| 5 | 0.38 | 12 | 2.24 | 19 | 5.76 | 26 | 11.26 |
| 6 | 0.55 | 13 | 2.63 | 20 | 6.42 | 27 | 12.24 |
| 7 | 0.76 | 14 | 3.06 | 21 | 7.11 | 28 | 13.37 |
| 8 | 0.98 | 15 | 3.53 | 22 | 7.85 | 29 | 14.34 |
| 9 | 1.24 | 16 | 4.02 | 23 | 8.64 | 30 | 15.47 |
| 10 | 1.55 | 17 | 4.56 | 24 | 9.47 | 35 | 22.07 |

Crocker Quality

# LEVEL BOOK

No. 400

471

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

COMMUNI CONSENSU TRADE MARK PRIMO

MANUFACTURED BY

A. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

1

1.48 BM. S.W. 8' E.J.

Elev

2.01

2.87

3.84

4.82

5.76

Levels over Curbs J St - 3d to 4th

3/31/10 { Davis, Williams, Hancock } 1

| | | H.I. | | | |
|---|---|---|---|---|---|
| | 6.05 | 7.53 | | 1.48 B.M. SW cor J. | |
| | R.R. | So Elev | | R.R. | No Elev |
| El. 3d | 6.10 | 1.43 | 1.5 | 5.52 | 2.01 N.O. |
| +50 | 5.21 | 2.31 | | 4.66 | 2.87 |
| 1+00 | 4.31 | 3.22 | | 3.69 | 3.84 |
| +50 | 3.47 | 4.06 | | 2.71 | 4.82 |
| 2+00 WL 4th | 2.55 | 4.98 | 5.0 | 1.77 | 5.76 5.8 |

Levels over Curbs. "I" St. 3d to 4th. 3/31/10 {Davis, Williams, Hancock}

6.18 H.I. 12.65 True elev 6.47 B.M.S.W. 3d & I True elev

| | So R.R | Elev. | | No R.R | Elev | |
|---|---|---|---|---|---|---|
| E.L. 3d | 6.15 | 6.50 | 6.50 | 5.18 | 7.47 | 7.50 |
| +50 | 5.30 | 7.35 | 7.37 | 4.36 | 8.29 | 8.37 |
| 1 | 4.42 | 8.23 | 8.25 | 3.49 | 9.16 | 9.25 |
| +50 | 3.56 | 9.09 | 9.12 | 2.57 | 10.08 | 10.12 |
| 2=W.L.4th | 2.67 | 9.98 | 10.00 | 1.69 | 10.96 | 11.0 |

Levels over Curbs in 23rd St "H" to B. 3/31/10 {Davis, Williams, Hancock}

| | | RR E Elev. | | | RR W Elev. | |
|---|---|---|---|---|---|---|
| | 6.25 | H.I. 16.70 | | 10.45 BM SW 3rd H | | |
| Seline H | 5.82 | 10.88 | 11.0 | 5.83 | 10.87 | 11.0 |
| +43 | | | | 5.42 | 11.28 | 11.3 |
| +50 | 5.30 | 11.40 | 11.5 | Ck. gut | | |
| +72 | | | | 5.07 | 11.63 | 11.7 |
| 1 | 4.80 | 11.90 | 12.0 | 4.76 | 11.94 | 12.0 |
| +50 | 4.29 | 12.41 | 12.5 | 4.31 | 12.39 | 12.50 |
| +93 | | | | 3.86 | 12.84 | 12.93 |
| 2 | 3.77 | 12.93 | 13.0 | Ck. bridge | | |
| +07 | | | | 3.70 | 13.00 | 13.07 |
| +50 | 3.28 | 13.42 | 13.5 | 3.29 | 13.41 | |
| 3=S.L.G | 2.78 | 13.92 | 14.0 | 2.72 | 13.98 | 14.0 |
| T.P. | 8.38 | H.I. 22.32 | 2.75 | 13.95 | 13.94 | |
| N.L.G | 7.37 | 14.95 | 15.0 | 7.35 | 14.97 | 15.0 |
| +50 | 6.61 | 15.71 | 15.75 | 6.70 | 15.62 | 15.67 |
| 1 | 5.88 | 16.44 | 16.50 | 6.01 | 16.31 | 16.33 |

| | RR E Elev | | | RR W Elev | | |
|---|---|---|---|---|---|---|
| 1+50 | 5.19 | 17.13 | 17.25 | 5.37 | 16.95 | 17.09 |
| 2 | 4.90 | 17.92 | 18.00 | 4.70 | 17.62 | 17.67 |
| +50 | 3.65 | 18.67 | 18.75 | 4.03 | 18.29 | 18.34 |
| 3 S.L.F | 2.93 | 19.39 | 19.5 | 3.44 | 18.88 | ~~19.0~~ 19.0 |
| T.P. | 10.37 | 30.25 | 2.44 | 19.88 | | |
| N.L.E | 10.37 | 19.88 | 20.0 | 10.32 | 19.93 | 19.5 |
| +50 | 8.69 | 21.61 | 21.67 | 8.99 | 21.26 | 21.08 |
| 1 | 6.93 | 23.32 | 23.33 | 7.62 | 22.63 | 22.67 |
| +50 | 5.27 | 24.98 | 25.00 | 6.05 | 24.20 | 24.25 |
| 2 | 3.62 | 26.63 | 26.67 | 4.48 | 25.77 | 25.83 |
| +50 | 2.00 | 28.25 | 28.33 | 2.88 | 27.37 | 27.41 |
| 3=S.L.E | 0.34 | 29.91 | 30.0 | 1.37 | 28.93 | 29.0 |

Note- E½ of St is paved for 50' commencing at Seline "E" and running So.

| | | | | | | |
|---|---|---|---|---|---|---|
| TP | 8.16 | H.I. 37.06 | 1.35 | 28.90 | | |
| N.L.E | 5.58 | 31.48 | 31.5 | 6.57 | 30.49 | 30.5 |
| +50 | 4.82 | 32.24 | 32.29 | 5.82 | 31.24 | 31.29 |
| 1 | 4.01 | 33.05 | 33.08 | 4.95 | 32.11 | 32.08 |

37.05

| | RR E | Elev | | RR W | Elev | |
|---|---|---|---|---|---|---|
| 1+50 | 3.21 | 33.85 | 33.87 | 4.23 | 33.83 | 33.87 |
| | 3.37 | 34.69 | 34.66 | | | 33.66 |
| 2 | 1.93 | 35.16 | ← driveway → | 4.03 | 33.03 | |
| | | | | | | 34.45 |
| +50 | 1.40 | 35.66 | 35.45 | 2.65 | 34.41 | |
| +85 - S.L.D. | 1.05 | 36.01 | 36.0 | 2.16 | 34.90 | 35.0 |
| T.R | 6.59 | 41.59 | 2.07 | 34.99 | 35.00 | |
| N.L. "D" | 5.18 | 36.41 | 36.5 | 6.04 | 35.55 | 35.5 |
| +50 | 4.31 | 37.28 | 37.33 | 5.73 | 36.36 | 36.33 |
| | | | | | | 37.16 |
| 1 | 3.48 | 38.11 | 38.16 | 4.42 | 37.17 | |
| +50 | 2.96 | 38.63 | 38.70 | 3.92 | 37.67 | 37.70 |
| | | | | | | 38.03 |
| 2 | 2.60 | 38.99 | 39.03 | 3.51 | 38.08 | |
| +16.5 Curb slightly bulged on account of tree | | | | 3.38 | 38.21 | 3 |
| +50 | 2.28 | 39.31 | 39.36 | 3.25 | 38.34 | 38.36 |
| +70 - S.L.C. | 2.12 | 39.47 | 39.5 | 3.17 | 38.42 | 38.5 |
| | 6.06 | 41.99 | | 38.43 B.M. N. in 28, 0 | | |
| N.L. "C" St | 1.98 | 39.51 | 39.5 | 6.06 | 38.43 | 38 |
| +50 | 4.73 | 39.76 | 39.83 | 5.70 | 38.79 | 38.83 |
| 1 | 4.38 | 40.11 | 40.16 | 5.37 | 39.12 | 39.16 |
| +50 | 4.17 | 40.32 | 40.49 | 5.03 | 39.46 | 39.49 |
| 2 | 3.77 | 40.72 | 40.82 | 4.70 | 39.79 | 39.82 |
| +50 | 3.41 | 41.08 | 41.15 | 4.35 | 40.14 | 40.15 |
| 3 - S.L. "B" | 3.04 | 41.45 | 41.5 | 4.04 | 40.45 | 40.5 |

Levels over Curbs on "B" St 1st to 7th.

| | | | | | | |
|---|---|---|---|---|---|---|
| | 8.76 | 41 45.69 | | 36.93 BM SW 12 | | |
| | RR | So Elev. | | RR | No Elev. | |
| E.L. 1st | 8.26 | 37.43 | 37.5 | 7.04 | 38.65 | 38.7 |
| +50 | 7.50 | 38.19 | 38.25 | 6.54 | 39.15 | 39.25 |
| / | 6.70 | 38.99 | 39.00 | 5.87 | 39.82 | 39.81 |
| +50 | 6.0 | 39.69 | 39.75 | 5.27 | 40.42 | 40.36 |
| 2=W.L 2d | 5.33 | 40.36 | 40.5 | 4.67 | 40.82 | 41.0 |
| E.L 2d | 4.20 | 41.49 | 41.5 | 3.78 | 41.91 | 42.0 |
| +50 | 3.51 | 42.18 | 42.25 | 3.05 | 42.64 | 42.62 |
| / | 2.72 | 42.97 | 43.00 | 2.52 | 43.17 | 43.25 |
| +50 | 1.99 | 43.70 | 43.75 | 1.84 | 43.85 | 43.87 |
| 2=W.L. 3d | 1.25 | 44.44 | 44.5 | 1.22 | 44.47 | 44.5 |
| TP | 10.27 | 54.50 | | 1.46 | 44.23 | |
| E.L. 3d | 10.07 | 44.43 | 44.5 | 9.08 | 45.42 | 45.5 |
| +50 | 8.76 | 45.74 | 45.87 | 7.87 | 46.68 | 46.75 |
| / | 7.34 | 47.16 | 47.25 | 6.59 | 47.91 | 48.0 |
| +50 | 6.01 | 48.49 | 48.62 | 5.36 | 49.14 | 49.25 |
| 2=W.L 4th | 4.66 | 49.84 | 50.0 | 4.15 | 50.35 | 50.5 |

| | RR | So Elev | | RR | No Elev | |
|---|---|---|---|---|---|---|
| E.L 4th | 4.54 | 49.96 | 50.0 | 4.08 | 50.42 | 50.5 |
| +50 | 3.57 | 50.93 | 51.00 | 3.24 | 51.26 | 51.5 |
| / Indirectway → | 3.14 | 51.36 | 52.00 | 2.18 | 52.32 | 52.5 |
| +50 | 1.56 | 52.94 | 53.00 | 1.24 | 53.26 | 53.5 |
| 2=W.L 5th | 0.48 | 54.02 | 54.0 | 0.33 | 54.17 | 54.5 |
| TP. | 8.63 | 61.92 | 1.21 | 53.29. | | |
| EL 5th | 7.78 | 54.14 | 54.0 | 7.63 | 54.29 | 54.5 |
| +50 | 7.00 | 54.92 | 54.87 | 6.54 | 55.38 | 55.5 |
| / | 6.27 | 55.70 | 55.75 Indirectway → | 5.98 | 55.94 | 56.0 |
| +50 | 5.40 | 56.52 | 56.62 | 4.46 | 57.46 | 57.5 |
| 2=W.L 6th | 1.40 | 57.52 | 57.5 | 3.50 | 58.42 | 58.5 |
| E.L 6th | 4.43 | 57.49 | 57.5 | | | 58.5 |
| +50 | 3.72 | 58.18 | Note. Curb not in on No. side of | | | |
| / | 2.98 | 58.94 | B St bet 6th & 7th. Return not in at N.E | | | |
| +50 | 2.21 | 59.71 | Cor 6th - ½ in at N.W cor 7th. | | | |
| 2=W.L 7th | 1.44 | 60.48 | | | | |
| | 11.0 | | | | | |
| | 3.87 | | | | | |
| | 2.3 | | | | | |

Levels over Curbs on G St 6th to 7th 1st to 4th 1924 — Davis, Williams, Hancock

For levels from 1st to Arch to See P. 74 this L-K.

| | R.R. No. | Elev | | R.R. 5° | Elev | |
|---|---|---|---|---|---|---|
| | 2.66 | 38.16 HI | | 35.50 BM N W 7th G | | |
| W.L. 7th | 2.67 | 35.49 | 35½ | 3.74 | 34.42 | 34½ |
| +50 | 3.40 | 34.76 | 34.75 | 4.50 | 33.66 | 33.75 |
| 1 | 4.15 | 34.01 | 34.0 | 5.21 | 32.95 | 33.0 |
| +50 | 5.05 | 33.11 | 33.1¼ | 6.03 | 32.13 | 32.25 |
| 2 W.L. 6th | 5.84 | 32.32 | 32½ | 6.73 | 31.43 | 31½ |
| | 7.83 | 24.51 HI | | 17.48 B.M. S.W. 3d G. | | |
| W.L. 4th | 1.60 | 22.91 | 22.9 | 2.57 | 21.94 | 21.9 |
| +50 | 2.45 | 22.06 | 22.1 | 3.38 | 21.13 | 21.1 |
| 1 | 3.37 | 21.14 | 21.1¼ | 4.33 | 20.18 | 20.2½ |
| +50 | 4.17 | 20.34 | 20.3¼ | 5.16 | 19.35 | 19.37 |
| 2 E.L. 3d | 5.04 | 19.47 | 19½ | 6.04 | 18.47 | 18½ |
| | 1.81 | 19.29 HI | | 1.81 | 17.48 | |
| W.L. 3d | 0.87 | 18.42 | | 1.81 | 17.48 | 17.50 |
| +50 | 1.70 | 17.59 | | 2.55 | 16.74 | 16.75 |
| 1 | 2.58 | 16.71 | | 3.22 | 16.07 | 15.75 |

| | R.R. No. | Elev | 1929 | R.R. 5° | Elev | |
|---|---|---|---|---|---|---|
| +50 | 3.45 | 15.84 | | 3.96 | 15.33 | 15.3 |
| 2 E L 2d | 4.36 | 14.93 | on rail | 4.66 | 14.63 | 14.6 |
| | | | | 5.36 | 13.93 | |
| W.L. 2d | 4.35 | 14.94 | | 5.36 | 13.93 | |
| +50 | 4.69 | 14.60 | | 5.46 | 13.83 | |
| 1 | 5.07 | 14.22 | | 5.61 | 13.68 | |
| +50 | 5.46 | 13.83 | | 5.78 | 13.51 | |
| 2 E.L. 1st | 5.86 | 13.43 | | 5.90 | 13.39 | |

Levels over Curbs on "E" St 1st to 4th

4/2 Davis, Williams
4/0 Hanscom

| | | H.I. | | | |
|---|---|---|---|---|---|
| | 10.01 | 34.65 | | 24.54 B.M. SW 1st & E | |
| | R.R. | So Elev. | | R.R. | No Elev. |
| E.L. 1st St | 9.10 | 25.45 | | 8.06 | 26.49 |
| +50 | 8.24 | 26.31 | | 7.13 | 27.42 |
| 1 | 7.38 | 27.17 | | 6.13 | 28.42 |
| +50 | 6.49 | 28.06 | | 5.13 | 29.42 |
| 2 - W.L 2d | 5.62 | 28.93 | | 4.03 | 30.52 |
| E.L 2d | 4.72 | 29.83 | | 3.08 | 31.47 |
| +50 | 4.31 | 30.24 | | 2.90 | 31.65 |
| 1 | 3.85 | 30.70 | | 2.62 | 31.93 |
| +50 | 3.48 | 31.07 | | 2.36 | 32.19 |
| 3 - W.L 3d | 3.15 | 31.41 | | 2.12 | 32.43 |
| | 6.92 | H.I. 68.33 | 3.14 | 31.41 / 31.41 | |
| E.L. 3d | 5.93 | 62.40 | | 4.87 | 63.46 |
| +50 | 5.05 | 63.28 | | 4.13 | 64.20 |
| 1 | 4.15 | 64.18 | | 3.40 | 64.93 |
| +50 | 3.26 | 65.07 | | 2.69 | 65.66 |
| 2 - W.L 4th | 2.40 | 65.93 | | 1.93 | 66.40 |

Hawk St

7

X Lee of Hawk St (50') N 2 of Hunter
to N 2 Florence Hgts W 0 2

| | | | | | |
|---|---|---|---|---|---|
| | | | | (several) 269.08 | Monument Jack Dan Hunter |
| | 738 | 27646 | | 26[illegible]08 | ~~Goode Stake~~ |
| TP | 10 W | 27428 | 320 | 27326 | |
| | N 2 of Hunter | | | | |
| W 2 | | | 6,4 | 267.9 | |
| bl | | | 7,0 | 267.3 | |
| y | | | 7,3 | 267.0 | |
| b | | | 7,7 | 266.6 | |
| y | | | 8,0 | 266.3 | |
| bl | | | 8,9 | 265.4 | |
| E 2 | | | 11,8 | 262.5 | |

27428

Hawk St 8

| | | | | |
|---|---|---|---|---|
| | 25' | N of | Hunter | |
| E 2 | | | 7,7 | 266.6 |
| bl | | | 6,0 | 268.3 |
| y | | | 5,9 | 268.4 |
| b | | | 5,9 | 268.4 |
| y | | | 5,8 | 268.4 |
| bl | | | 5,7 | 268.6 |
| W 2 | | | 5,6 | 268.7 |
| W 2 | 50 | N of | Hunter | |
| W 2 | | | 5,3 | 268.8 |
| bl | | | 5,4 | 268.9 |
| y | | | 5,1 | 269.2 |
| b | | | 4,9 | 269.4 |
| y | | | 4,7 | 269.6 |
| bl | | | 4,9 | 269.4 |
| E 2 | | | 5,6 | 268.7 |

75' n of Hunter st

| | | |
|---|---|---|
| E2 | 4.6 | 269.7 |
| bb | 4.8 | 269.5 |
| 4 | 5.0 | 269.3 |
| b | 5.2 | 269.1 |
| 4 | 5.4 | 268.9 |
| bb | 5.5 | 268.8 |
| W2 | 5.8 | 268.5 |

100' n of Hunter st

| | | |
|---|---|---|
| W2 | 6.6 | 267.7 |
| bb | 6.1 | 268.2 |
| 4 | 5.9 | 268.4 |
| b | 5.7 | 268.6 |
| 4 | 5.5 | 268.8 |
| bb | 5.3 | 269.0 |
| E2 | 5.1 | 269.2 |



125' n of Hunter st

| | | |
|---|---|---|
| E2 | 5.9 | 268.4 |
| bb | 5.8 | 268.5 |
| 4 | 6.0 | 268.3 |
| b | 6.2 | 268.1 |
| 4 | 6.8 | 267.5 |
| bb | 7.2 | 267.1 |
| W2 | 7.9 | 266.4 |

150' n of Hunter st

| | | |
|---|---|---|
| W2 | 10.7 | 263.6 |
| bb | 10.1 | 264.2 |
| 4 | 9.6 | 264.7 |
| b | 9.8 | 265.1 |
| 4 | 8.9 | 265.4 |
| bb | 8.4 | 265.9 |
| E2 | 7.7 | 266.6 |

| | | | | |
|---|---|---|---|---|
| | 175 | n of | Hunter St | |
| EL | | | 11.1 | 263.2 |
| bk | | | 11.5 | 262.8 |
| y | | | 11.8 | 262.5 |
| b | | | 12.4 | 261.9 |
| y | | | 12.4 | 261.9 |
| bl | | | 12.6 | 261.7 |
| WL | | | 12.6 | 261.7 |
| TP | 0.84 | 262.24 | 12.88 | 261.40 |
| | 200 | n of | Hunter St | |
| WL | | | 2.9 | 259.3 |
| bk | | | 2.0 | 260.2 |
| y | | | 2.0 | 260.2 |
| b | | | 2.1 | 260.1 |
| y | | | 2.2 | 260.0 |
| bl | | | 2.1 | 260.1 |
| EL | | | 1.9 | 260.3 |

| | | | | |
|---|---|---|---|---|
| | 225 | n of | Hunter St | |
| EL | | | 2.5 | 259.7 |
| bk | | | 3.0 | 259.2 |
| y | | | 4.0 | 258.2 |
| b | | | 4.5 | 257.7 |
| y | | | 4.8 | 257.4 |
| bl | | | 5.2 | 257.0 |
| WL | | | 5.5 | 256.7 |
| | 250 | n of | Hawk St | |
| WL | | | 7.5 | 254.7 |
| bk | | | 7.5 | 254.7 |
| y | | | 7.1 | 255.1 |
| b | | | 6.9 | 255.3 |
| y | | | 6.4 | 255.8 |
| bk | | | 5.9 | 256.3 |
| EL | | | 5.5 | 256.7 |

26224

275' N of Hunter St

| | | |
|---|---|---|
| EL | 8,7 | 253.5 |
| bl | 9,0 | 253.2 |
| y | 9,1 | 253.1 |
| b | 9,0 | 253.2 |
| y | 8,9 | 253.3 |
| bl | 8,8 | 253.4 |
| WL | 8,2 | 254.0 |

300' N of S line of Barron (53)

| | | |
|---|---|---|
| WL | 10,2 | 252.0 |
| bl | 10,1 | 252.1 |
| y | 9,9 | 252.3 |
| b | 9,5 | 252.7 |
| y | 9,4 | 252.8 |
| bl | 9,5 | 252.7 |
| EL | 10,6 | 251.6 |

26224

S bl of Barr St

| | | |
|---|---|---|
| EL | 11,3 | 250.9 |
| bl | 10,3 | 251.9 |
| y | 10,2 | 252.0 |
| b | 10,2 | 252.0 |
| y | 10,3 | 251.9 |
| bl | 10,5 | 251.7 |
| WL | 10,5 | 251.7 |

S 1/4 of Barr St

| | | |
|---|---|---|
| WL | 10,6 | 251.6 |
| bl | 10,0 | 251.2 |
| y | 10,8 | 251.4 |
| b | 10,8 | 251.4 |
| y | 10,8 | 251.4 |
| bl | 11,3 | 250.9 |
| EL | 11,9 | 250.3 |

| | | | | |
|---|---|---|---|---|
| | Center of Barn st | | | |
| EL | | 12,7 | 249.5 | |
| bb | | 12,0 | 250.2 | |
| y | | 11,6 | 250.6 | |
| b | | 11,3 | 250.9 | |
| y | | 11,0 | 251.2 | |
| bb | | 11,1 | 251.1 | |
| WL | | 10,9 | 251.3 | |
| | N ¼ of Barn st | | | |
| WL | | 11,0 | 252.2 | |
| bb | | 11,6 | 250.6 | |
| y | | 11,2 | 251.0 | |
| b | | 11,8 | 250.4 | |
| y | | 12,0 | 250.2 | |
| bb | | 12,3 | 249.9 | |
| EL | | 12,8 | 249.4 | |
| TP | 248 | 247,80 | 12,92 | 249,32 |

| | | | |
|---|---|---|---|
| | N bb of Barn st | | |
| EL | | 3,0 | 248.8 |
| bb | | 2,4 | 249.4 |
| y | | 2,1 | 249.7 |
| b | | 1,7 | 250.1 |
| y | | 1,1 | 250.7 |
| bb | | 1,3 | 250.5 |
| WL | | 0,8 | 251.0 |
| | N line of Barn st | | |
| WL | | 1,4 | 250.4 |
| bb | | 1,7 | 250.1 |
| y | | 1,6 | 250.2 |
| b | | 2,2 | 249.6 |
| y | | 2,6 | 249.2 |
| bb | | 3,0 | 248.8 |
| EL | | 3,7 | 248.1 |

25180

25' n/ Barr st

| | | | |
|---|---|---|---|
| EL | 4,7 | 249.1 | |
| bh | 4,2 | | |
| y | 3,8 | | |
| l | 3,4 | 248.4 | |
| y | 2,8 | | |
| bh | 2,3 | | |
| WL | 1,4 | 250.4 | |

50' n/ Barr st

| | | | |
|---|---|---|---|
| WL | 1,9 | 249.9 | |
| bh | 3,0 | | |
| y | 3,3 | | |
| l | 3,7 | 248.1 | |
| y | 4,3 | | |
| bh | 5,1 | | |
| EL | 5,9 | 245.9 | |

25180

Hawk St

15

75' n/ Barr st

| | | | |
|---|---|---|---|
| EL | 7,5 | 244.3 | |
| bh | 7,6 | | |
| y | 6,4 | | |
| l | 5,6 | 246.2 | |
| 75 | 5,3 | | |
| y | 4,0 | | |
| bh | 3,7 | | |
| WL | 3,2 | 248.6 | |

100' n/ Barr st

| | | | |
|---|---|---|---|
| WL | 4,0 | 247.8 | |
| bh | 4,2 | | |
| y | 5,0 | | |
| l | 6,2 | 245.6 | |
| y | 6,8 | | |
| bh | 7,4 | | |
| EL | 8,4 | 243.4 | |

25+80

125' n of Barr st

| | | | |
|---|---|---|---|
| EL | | 8.7 | 243.1 |
| bk | | 8.0 | |
| 4 | | 7.4 | |
| b | | 6.6 | 245.2 |
| 4 | | 6.2 | |
| bk | | 5.7 | |
| WL | | 4.5 | 247.3 |

150' n of Barr st

| | | | |
|---|---|---|---|
| WL | | 5.7 | 246.1 |
| bk | | 7.2 | |
| 4 | | 7.3 | |
| b | | 7.3 | 244.5 |
| 4 | | 8.5 | |
| bk | | 9.4 | |
| EL | | 10.2 | 241.6 |

25+80

175' n of Barr st

| | | | |
|---|---|---|---|
| EL | | 12.3 | 239.5 |
| bk | | 11.6 | |
| 4 | | 11.0 | |
| b | | 9.6 | 242.2 |
| 4 | | 9.6 | |
| bk | | 9.3 | |
| WL | | 7.4 | 244.4 |

200 n of Barr st

| | | | | |
|---|---|---|---|---|
| WL | | | 9.6 | 242.2 |
| bk | | | 11.7 | |
| 4 | | | 12.7 | |
| TP | 0.56 | 235.7 | 12.79 | 239.01 |
| b | | | 0.3 | 239.3 |
| 4 | | | 1.9 | |
| bk | | | 2.5 | |
| EL | | | 2.8 | 236.8 |

225' n of Barr st

| | | | |
|---|---|---|---|
| E2 | 5,8 | 238.8 | |
| bk | 4,9 | | |
| y | 4,1 | | |
| b | 3,0 | 236.6 | |
| y | 3,0 | | |
| bk | 2,2 | | |
| W2 | 0,0 | 239.6 | |

250' n of Barr st

| | | | |
|---|---|---|---|
| W2 | 3,2 | 236.4 | |
| bk | 4,5 | | |
| y | 6,1 | | |
| b | 6,2 | 233.4 | |
| y | 7,2 | | |
| bk | 7,8 | | |
| E2 | 8,9 | 230.7 | |



275' n of Barr st

| | | | |
|---|---|---|---|
| E2 | 10,9 | 228.7 | |
| bk | 10,4 | | |
| y | 10,1 | | |
| b | 9,2 | 230.4 | |
| y | 9,0 | | |
| bk | 7,9 | | |
| W2 | 6,5 | 233.1 | |

300' n of Barr st

| | | | |
|---|---|---|---|
| W2 | 9,1 | 230.5 | |
| bk | 11,1 | | |
| y | 11,6 | | |
| b | 11,8 | 227.6 | |
| y | 12,3 | | |
| bk | 12,7 | | |
| E2 | 13,6 | 226.0 | |
| TP | 3.20 | 230.52 | 12,25 227.32 |

23052

| | 325' n-f Barn | | 23052 |
|---|---|---|---|
| E2 | | 6,0 | 224.5 |
| bk | | 5,4 | |
| y | | 4,5 | |
| l | | 4,5 | 226.0 |
| y | | 4,2 | |
| bl | | 3,0 | |
| WL | | 2,2 | 225.3 |
| | 350' n-f Barn | | 23052 |
| WL | | 3,5 | 227.0 |
| bk | | 5,0 | |
| y | | 5,3 | |
| l | | 5,5 | 225.0 |
| y | | 5,6 | |
| bl | | 6,6 | |
| E2 | | 7,2 | 223.3 |

23052

| | 385' n = Pueblo line | | Barn 16 |
|---|---|---|---|
| E2 | | 9,8 | 220.7 |
| bk | | 9,1 | |
| y | | 8,5 | |
| l | | 8,1 | 222.4 |
| y | | 7,8 | |
| bl | | 6,7 | |
| WL | | 5,8 | 224.1 |

6/
6/10

Re x sec of 14th & I st (80)

S & of I st to National

Clough
Zimmer
Rogers

| | | | | |
|---|---|---|---|---|
| | 3.04 | 38.98 | | 35.94 |
| | S Lin of I st | | | |
| W L | | | 3.5 | 35.5 |
| bl | | | 4.2 | 34.8 |
| 4 | | | 4.2 | 34.8 |
| b | | | 4.6 | 34.4 |
| 4 | | | 4.7 | 34.3 |
| bl | | | 5.0 | 34.0 |
| E L | | | 5.1 | 33.9 |
| | 25' | S of | I st | |
| E L | | | 4.8 | 34.1 |
| bl | | | 5.0 | 34.0 |
| 4 | | | 5.1 | 33.9 |
| b | | | 4.5 | 34.5 |
| 4 | | | 4.3 | 34.7 |
| bl | | | 4.1 | 34.9 |
| W L | | | 3.6 | 35.4 |

38.98

14th & I st

1

| | | | | |
|---|---|---|---|---|
| | 50' | S of | I st | |
| W L | | | 2.7 | 36.2 |
| +1 | | | 3.4 | 35.4 |
| bl | | | 4.1 | 34.9 |
| 4 | | | 4.4 | 34.6 |
| b | | | 4.8 | 34.2 |
| 4 | | | 5.2 | 33.8 |
| bl | | | 5.5 | 33.5 |
| E L | | | 5.7 | 33.3 |
| | 75' | S of | I st | |
| E L | | | 6.5 | 32.5 |
| +4 | | | 5.7 | 33.3 |
| bl | | | 6.1 | 32.7 |
| 4 | | | 5.6 | 33.4 |
| b | | | 5.0 | 34.0 |
| 4 | | | 4.5 | 34.5 |
| bl | | | 4.4 | 34.6 |
| +1 | | | 4.1 | 34.9 |
| W L | | | 2.1 | 36.9 |

38.98

100' Sq I st

| | | |
|---|---|---|
| WL | 2,3 | 36.7 |
| bh | 3,8 | 35.2 |
| y | 4,5 | 34.5 |
| b | 5-0 | 34.0 |
| y | 5-9 | 33.1 |
| bh | 6,2 | 32.8 |
| +6' | 5-6 | 33.4 |
| EL | 8,2 | 30.8 |

125' Sq I st

| | | |
|---|---|---|
| EL | 11,8 | 27.2 |
| bh | 8,4 | 30.6 |
| +4' | 6'2 | 32.8 |
| y | 6,0 | 33.0 |
| b | 4,9 | 34.1 |
| y | 4,5 | 34.5 |
| bh | 3,5 | 35.5 |
| WL | 1,7 | 37.1 |

38.98

14 st st

18

150' Sq I st

| | | |
|---|---|---|
| WL | 0,8 | 38.2 |
| bh | 3,2 | 35.8 |
| y | 4,6 | 34.4 |
| bh | 4,8 | 34.2 |
| +8' | 5-2 | 33.8 |
| y | 6,7 | 32.3 |
| bh | 13,2 | 25.8 |
| EL | 17.3 | 21.7 |

175' Sq I st

| | | |
|---|---|---|
| WL | 0,0 | 39.0 |
| +1' | 1,2 | 37.8 |
| bh | 3,8 | 35.2 |
| +11' | 6,4 | 34.6 |
| y 4½ | 7,9 | 31.1 |
| | 7,7 | 31.3 |
| +10' | 7,1 | 31.9 |
| b | 8,9 | 30.1 |

200' Sq I st

| | | |
|---|---|---|
| WL | 4,4 | 34.6 |

T.P. 27½ 3040 11,30 27.68

175' SF I St

| | | |
|---|---|---|
| EL | | |
| | 16.5 | 13.9 |
| bk | 13.3 | 17.1 |
| | 12.8 | 17.6 |
| EL | | |
| | 5.8 | 24.6 |

200 SF I St

| | | |
|---|---|---|
| EL | | |
| | 15.7 | 14.7 |
| bk | | |
| +8' | 15.7 | 14.7 |
| | 13.3 | 17.1 |
| 4 | 12.7 | 17.7 |
| +2' | | |
| +8' | 12.4 | 18.0 |
| b | 8.0 | 22.4 |
| | 7.0 | 23.4 |
| 4 | | |
| | 1.2 | 29.2 |
| bk | | |
| | 1.6 | 28.8 |

225' SF I St

| | | |
|---|---|---|
| WL | | |
| +3' | +0.7 | 31.1 |
| | 2.3 | 28.1 |
| bk | | |
| +2' | 2.8 | 27.6 |
| | 2.9 | 27.5 |
| 4 | 8.6 | 21.8 |
| +5' | 11.2 | 19.2 |
| b | | |
| +4' | 11.9 | 18.5 |
| 4 +5' | 11.5 | 18.9 |
| | 13.5 | 16.9 |
| bk | 13.3 | 17.1 |
| | 13.9 | 16.5 |
| EL | 15.1 | 15.3 |



250' SF I St

| | | |
|---|---|---|
| EL | 16.7 | 13.7 |
| bk | 14.0 | 16.4 |
| +7' | 11.8 | 18.6 |
| 4 | 12.0 | 18.4 |
| b | 11.0 | 19.4 |
| 4 | 10.6 | 19.8 |
| +10' | 10.6 | 19.8 |
| bk | 8.9 | 21.8 |
| +7' | 3.4 | 27.0 |
| WL | 2.9 | 27.5 |

275' SF I St

| | | |
|---|---|---|
| WL | 5.6 | 24.8 |
| +5' | 6.0 | 24.4 |
| | 9.4 | 21.0 |
| bk | 9.4 | 21.0 |
| 4 | 10.0 | 20.4 |
| b | 10.0 | 20.4 |
| 4 | 11.0 | 19.4 |
| +11' | 12.7 | 17.7 |
| bk | 14.3 | 16.1 |
| +2 | 15.2 | 15.2 |
| EL | 16.6 | 13.8 |

| | | | | |
|---|---|---|---|---|
| | 293' | 30.4 S of | I st | |
| EL | | | 16.0 | 14.4 |
| +5 | | | 14.2 | 16.2 |
| bh | | | 11.6 | 18.8 |
| +5 | | | 10.0 | 20.4 |
| 4 | | | 10.0 | 20.4 |
| b | | | 9.7 | 20.7 |
| 4 | | | 9.0 | 21.4 |
| bh | | | 8.2 | 22.2 |
| WL | | | 6.3 | 24.1 |
| | 300' | S = | N Line of J st | Grade |
| WL | | | 7.0 | 23.4 |
| bh | | | 7.4 | 23.0 |
| 4 | | | 8.7 | 21.7 |
| b | | | 9.0 | 21.4 |
| 4 | | | 9.3 | 21.1 |
| bh | | | 8.5 | 20.9 |
| +7' | | | 9.5 | 20.9 |
| EL | | | (14.3) 9.2 | 16.1 21.2 |
| TP | 1.66 | 22.30 | 9.76 | 20.64 |

22.30

14 20

S Line of J st

| | | |
|---|---|---|
| EL | 2.1 | 20.2 |
| bh | 2.3 | 20.0 |
| 4 | 2.5 | 19.8 |
| b | 1.8 | 20.5 |
| 4 | 2.0 | 20.3 |
| bh | 1.6 | 20.7 |
| WL | 0.6 | 21.7 |
| | 25' S of J st | |
| WL | 0.5 | 21.8 |
| +8' | 4.9 | 17.4 |
| bh | 5.5 | 16.8 |
| 4 | 4.4 | 17.9 |
| b | 3.7 | 18.6 |
| 4 | 3.2 | 20.1 |
| bh | 4.6 | 17.7 |
| EL | 3.3 | 17.0 |

2230

50' S of J at

| | | |
|---|---|---|
| E.L. +1' | 6.4 | 15.9 |
| | 7.0 | 17.3 |
| bk | 7.7 | 14.6 |
| y | 6.6 | 15.7 |
| b | 7.2 | 15.1 |
| y | 6.7 | 15.6 |
| bk | 7.2 | 15.1 |
| | 6.6 | 15.7 |
| W.L. +9' | 4.2 | 18.1 |

75' S of J at

| | | |
|---|---|---|
| W.L. +4' | 4.0 | 18.3 |
| | 5.6 | 16.7 |
| bk | 7.7 | 14.6 |
| y | 8.3 | 14.0 |
| b | 8.2 | 14.1 |
| y | 9.7 | 12.6 |
| bk | 9.5~ | 12.8 |
| E.L. | 8.0 | 14.3 |

2230 14th st

100' S of J at

| | | |
|---|---|---|
| E.L. | 8.5~ | 13.8 |
| bk | 10.0 | 12.3 |
| y | 9.6 | 12.7 |
| b | 9.6 | 12.7 |
| y | 9.4 | 12.9 |
| bk | 8.2 | 14.1 |
| | 7.2 | 15.1 |
| W.L. +7' | 5.5~ | 16.8 |

125' S of J at

| | | |
|---|---|---|
| | 3.0 | 19.3 |
| W.L. +7' | 3.7 | 18.6 |
| | 6.9 | 15.4 |
| bk | 7.4 | 14.9 |
| +9' | 8.3 | 13.0 |
| y | 10.9 | 11.4 |
| +3 | 11.0 | 11.3 |
| b | 10.4 | 11.9 |
| y | 10.4 | 11.9 |
| | 9.4 | 12.9 |
| bk | 9.5~ | 12.8 |
| +7 | | |
| E.L. | | |

2230

| | 150 | S.f | J.st |
|---|---|---|---|
| E2 | | 9.6 | 12.7 |
| +8' | | 9.8 | 12.5 |
| bh | | 10.8 | 11.5 |
| 4 | | 10.1 | 12.2 |
| 6 | | 11.4 | 10.9 |
| +5' | | 11.1 | 11.2 |
| 4 | | 7.6 | 14.7 |
| +2' | | 6.2 | 16.1 |
| | 5.80 | 21.71 | 6.39 15.91 |
| bh | | 4.7 | 17.0 |
| W2 | | 3.1 | 18.6 |

| | 175' | S.f | J.st |
|---|---|---|---|
| W2 | | 3.2 | 18.5 |
| bh | | 4.9 | 16.8 |
| 4 | | 5.8 | 15.9 |
| +8' | | 10.8 | 10.9 |
| +11' | | 11.2 | 10.5 |
| 6 | | 10.3 | 11.2 |
| +3' | | 9.0 | 12.7 |
| 4 | | 8.6 | 13.1 |
| bh | | 9.7 | 12.0 |
| E2 | | 9.5 | 12.2 |

21.71

14th st

| | 200' | S.f | J.st |
|---|---|---|---|
| E2 | | 8.3 | 13.4 |
| +7' | | 10.0 | 11.7 |
| bh | | 10.0 | 11.7 |
| 4 | | 9.5 | 12.2 |
| 6 | | 11.7 | 10.0 |
| +5' | | 11.8 | 9.9 |
| 4 | | 6.6 | 15.1 |
| bh | | 5.8 | 15.9 |
| W2 | | 4.5 | 17.2 |

| | 225' | S.f | J.st |
|---|---|---|---|
| W2 | | 4.9 | 16.8 |
| bh | | 6.0 | 15.7 |
| +4' | | 5.5 | 16.2 |
| 4 | | 9.1 | 12.6 |
| +6' | | 13.0 | 8.7 |
| 1 | | 11.0 | 10.7 |
| 2 | | 9.7 | 12.0 |
| bh | | 10.1 | 11.6 |
| +8' | | 9.6 | 12.1 |
| +12' | | 7.6 | 14.1 |
| E2 | | 80 | 13.7 |

21.71

250' S of J St

| | | | |
|---|---|---|---|
| EL | | 9.5 | 12.2 |
| +3' | | 8.8 | 12.9 |
| bl | | 10.3 | 11.4 |
| y | | 10.7 | 11.0 |
| b | | 11.6 | 10.1 |
| +5' | | 13.5 | 8.2 |
| y | | 9.9 | 11.8 |
| bl | | 8.3 | 13.4 |
| +4' | | 6.8 | 14.9 |
| WL | | 5.6 | 16.1 |

275' S of J St

| | | | |
|---|---|---|---|
| WL | | 6.4 | 15.3 |
| bl | | 8.4 | 13.3 |
| y | | ~~10.1~~ | 11.6 |
| +7' | | 12.7 | 9.0 |
| b | | 12.9 | 8.8 |
| y | | 12.7 | 9.0 |
| bl | | 9.8 | 11.9 |
| +5' | | 8.8 | 12.9 |
| EL | | 8.8 | 12.9 |

21.71

14th St

290' S of J St

| | | | |
|---|---|---|---|
| EL | | 8.0 | 13.7 |
| bl | | 8.1 | 13.6 |
| y | | 10.9 | 10.8 |
| | | 12.3 | 9.4 |
| +9' | | | |
| b | | 12.0 | 9.7 |
| y | | 8.3 | 12.4 |
| bl | | 7.3 | 14.2 |
| WL | | 7.2 | 14.5 |

300' S of N L K St (Graded)

| | | | |
|---|---|---|---|
| WL | | 7.3 | 14.4 |
| bl | | 7.4 | 14.3 |
| y | | 7.5 | 14.2 |
| b | | 7.3 | 14.4 |
| y | | 7.3 | 14.4 |
| bl | | 7.4 | 14.3 |
| EL | | 7.5 | 14.2 |
| TP | 482 | 13.30 | 7.23 | 14.48 |
| | | | 5.39 | 19.91 |

X Sec of Leyfresh St (80) Z/I/TS Clough Pitman Regis Vermont + Robinson

E L 10th to E L Albert

| | | | | | |
|---|---|---|---|---|---|
| | 3,17 | 2919.5 | | 28778 | |
| | 2,00 | 887.01 | 5.94 | 28501 | |
| | 2,32 | 28894 | 2.38 | 28462 | BM Tenbryck SW on leyfresh Vermont |

West Line of Vermont St

| | | | |
|---|---|---|---|
| R | 4,9 | 28 2,0 | |
| bl | 5-0 | 2819 | |
| Y | 4,9 | 2820 | |
| L | 4,5- | 2824 | |
| Y | 4,7 | 2822 | |
| bl | 4,5- | 2824 | |
| S | 4,4 | 2825- | |

PLOTTED

28894 Leyfresa 28

23' W of Vermont

| | | |
|---|---|---|
| S | 4,1 | 2828 |
| bl | 4,0 | 2829 |
| Y | 4,0 | 2829 |
| L | 3,8 | 2831 |
| Y | 3,6 | 2833 |
| bl | 3,8 | 2831 |
| R | 3,7 | 2832 |

50' W of Vermont

| | | |
|---|---|---|
| R | 3,2 | 2837 |
| bl | 3,4 | 2835 |
| Y | 3,7 | 2832 |
| L | 3,8 | 2831 |
| Y | 3,9 | 2830 |
| bl | 4,0 | 2829 |
| S | 4,3 | 2826 |

28694

75' W of Vermont

| | | |
|---|---|---|
| S | 5.4 | 281.5 |
| bl | 4.4 | 282.5 |
| y | 4.1 | 282.8 |
| b | 4.7 | 282.2 |
| y | 3.9 | 283.0 |
| bl | 3.3 | 283.6 |
| R | 2.9 | 284.0 |

100' W of Vermont

| | | |
|---|---|---|
| R | 4.0 | 282.9 |
| bl | 3.9 | 283.0 |
| y | 4.3 | 282.6 |
| b | 4.8 | 282.1 |
| y | 5.4 | 281.5 |
| bl | 5.8 | 281.1 |
| S | 5.3 | 281.6 |

PLOTTED

28694 Cypress 24

125' W of Vermont

| | | |
|---|---|---|
| S | 6.1 | 280.8 |
| bl | 6.5 | 280.4 |
| y | 5.7 | 281.2 |
| b | 5.0 | 281.9 |
| y | 5.8 | 281.1 |
| bl | 5.1 | 281.8 |
| R | 5.0 | 281.9 |

150' W of Vermont

| | | |
|---|---|---|
| R | 4.6 | 282.3 |
| bl | 5.3 | 281.6 |
| y | 5.2 | 281.7 |
| b | 6.0 | 280.9 |
| y | 6.5 | 280.4 |
| bl | 6.8 | 280.1 |
| S | 3.3 | 279.6 |

28650

275' w of Vermont

| | | |
|---|---|---|
| S | 4.1 | 282.4 |
| bl. | 4.4 | 282.1 |
| y | 4.5 | 282.0 |
| l | 4.4 | 282.1 |
| y | 4.4 | 282.1 |
| bl | 4.1 | 282.4 |
| r | 3.8 | 282.7 |

300 w of Vermont

| | | |
|---|---|---|
| r | 4.0 | 282.5 |
| bl | 4.0 | 282.5 |
| y | 4.0 | 282.5 |
| l | 4.2 | 282.3 |
| y | 3.7 | 282.8 |
| bl | 3.9 | 282.6 |
| S | 4.5 | 282.0 |

PLOTTED

28650

Cypress

325' w of Vermont

| | | |
|---|---|---|
| S | 4.7 | 281.8 |
| bl | 4.7 | 281.8 |
| y | 4.5 | 282.0 |
| l | 3.7 | 282.8 |
| y | 4.3 | 282.2 |
| bl | 4.4 | 282.1 |
| r | 4.5 | 82.0 |

350 w of Vermont

| | | |
|---|---|---|
| r | 3.9 | 282.6 |
| bl | 4.5 | 282.0 |
| y | 4.4 | 282.1 |
| l | 4.5 | 282.0 |
| y | 5.0 | 281.5 |
| bl | 4.8 | 281.7 |
| S | 4.2 | 282.3 |

2865

| | 375' | w y | Vermont | |
|---|---|---|---|---|
| S | | | 3,7 | 2.82,8 |
| bb | | | 4,7 | 281,8. |
| y | | | 5,2 | 281.3 |
| b | | | 4,9 | 281,6 |
| y | | | 5,2 | 281,3 |
| bb | | | 5,4 | 281,1 |
| R | | | 5,1 | 281,1 |

| | 400' | w y | Vermont | |
|---|---|---|---|---|
| R | | | 5,7 | 280,8 |
| bb | | | 5,4 | 281.1 |
| y | | | 4,6 | 282,9 |
| b | | | 45 | 282,0 |
| y | | | 5,2 | 281,3 |
| bb | | | 5,8 | 280,7 |
| S | | | 5,3 | 281,0 |

PLOTTED

2865

by press

| | 425' | w y | Vermont | ss |
|---|---|---|---|---|
| S | | | 5,8 | 280,7 |
| bb | | | 6,5 | 280,0 |
| y | | | 6,4 | 280,1 |
| b | | | 5,7 | 280,8 |
| y | | | 6,0 | 280,5 |
| bb | | | 6,1 | 280,4 |
| R | | | 5,8 | 280,7 |

| | 450 | w y | Vermont | |
|---|---|---|---|---|
| R | | | 6,2 | 280,3 |
| bb | | | 6,6 | 279,9 |
| y | | | 6,2 | 280,3 |
| b | | | 5,7 | 280,8 |
| y | | | 6,7 | 279,8 |
| bb | | | 6,9 | 279,6 |
| S | | | 7,2 | 279,3 |

28650

475' 475' W of Vermont

| | | | |
|---|---|---|---|
| S | | 7,8 | 278,7 |
| bk | | 6,0 | 280,5 |
| y | | 6,8 | 279,7 |
| b | | 7,1 | 279,4 |
| y | | 6,6 | 279,9 |
| bk | | 6,2 | 280,3 |
| R | | 6,1 | 280,4 |

480,5 W = E line of 10th St

| | | | |
|---|---|---|---|
| R | | 6,30 | 280,20 |
| bk | | 6,3 | 280,2 |
| y | | 6,7 | 279,8 |
| b | | 7,2 | 279,3 |
| y | | 7,1 | 279,4 |
| bk | | 6,9 | 279,6 |
| S | | 8,3 | 278,2 |

PLOTTED

leg press

8' E of W Ld of Vermont (80)

Bm Tot Hgt

| | | | |
|---|---|---|---|
| | 0,56 | 28518 | 28462 |
| SL | | 3,4 | 281,8 |
| bk | | 3,4 | 281,8 |
| y | | 3,7 | 281,5 |
| b | | 4,0 | 281,2 |
| y | | 4,2 | 281,0 |
| bk | | 4,2 | 281,0 |
| R | | 3,3 | 281,9 |

W bk of Vermont

| | | |
|---|---|---|
| R | 4,0 | 281,2 |
| bk | 4,9 | 280,3 |
| y | 6,5 | 278,7 |
| b | 5,7 | 279,5 |
| y | 5,2 | 280,0 |
| bk | 6,0 | 279,2 |
| S | 6,1 | 279,1 |

28518

W 1/4 of Vermont

| | | | | |
|---|---|---|---|---|
| S | | | 13,2 | 271,0 |
| bk | | | 14,2 | 271,0 |
| y | | | 13,8 | 271.4 |
| b | | | 12,4 | 272,8 |
| y | | | 10,6 | 274,6 |
| bk | | | 8,8 | 276.4 |
| R | | | 7,0 | 278,2 |
| | W bk + 6' | | | |
| W | | | 7,2 | 278,0 |
| bk | | | 11,8 | 273.4 |
| TP | 1,96 | 274.79 | 12,65 | 270,53 |
| y | | | 2,5 | 272,0 |
| b | | | 2,8 | 271.7 |
| y | | | 3,7 | 270,8 |
| bk | | | 5,6 | 268,9 |
| S | | | 6,9 | 267,6 |

PLOTTED

27449

Center of Vermont St

| | | | | |
|---|---|---|---|---|
| S | | | 7,9 | 266,6 |
| bk | | | 7,2 | 267.3 |
| y | | | 7,1 | 267.4 |
| b | | | 8,0 | 266,5 |
| y | | | 7,2 | 267,3 |
| bk | | | 4,5 | 270,0 |
| R | | | 1,5 | 273,0 |
| | E 1/4 of Vermont | | | |
| R | | | 5,2 | 268,9 |
| bk | | | 12,1 | 262,4 |
| | E bk of Vermont | | | |
| W | | | 0,0 | 274,5 |
| bk | | | 5,8 | 268,7 |
| y | | | 10,0 | 264,5 |
| TP | 1,10 | 269,76 | 12,83 | 261,66 |

26276

E 1/4 of Vermont st

| | | |
|---|---|---|
| S | 2,4 | 260,4 |
| bl | 30 | 259,8 |
| 4 | 2,5 | 260,3 |
| b | 5,7 | 257,1 |
| 4 | 3,7 | 259,1 |

E bl of Vermont

| | | |
|---|---|---|
| SL | 8,7 | 254,1 |
| bl | 11,1 | 251,7 |
| 4 | 7,1 | 255,7 |
| b | 2,5 | 260,3 |

E bl + 10'

| | | |
|---|---|---|
| S | 14,4 | 248,4 |
| bl | 8,0 | 254,8 |
| 4 | 3,7 | 259,1 |
| b | +3,0 | 265,8 |

PLOTTED

-6276 Cypress st

E line of Vermont

| | | |
|---|---|---|
| S | 13,7 | 249,1 |
| bl | 7,2 | 255,6 |
| 4 | 1,8 | 261,0 |

10' E of Vermont

| | | |
|---|---|---|
| S | 12,2 | 250,6 |
| bl | 5,6 | 257,2 |
| 4 | 0,0 | 262,8 |

25 E of Vermont

| | | |
|---|---|---|
| S | 4,2 | 258,6 |
| bl | 0,0 | 262,8 |

TP 13,01 27,69 0,08 262,68

E line of Vermont

| | | |
|---|---|---|
| center | 8,7 | 267,0 |
| 2 1/4 | 3,8 | 271,9 |

10' E of Vermont

| | | |
|---|---|---|
| center | 6,7 | 268,8 |

2759

| | | | | |
|---|---|---|---|---|
| | 25' | E of | Vermont | |
| S 1/4 | | | 9.5 | 266.2 |
| 6 | | | 5.7 | 270.0 |
| N 1/4 | | | 0.2 | 275.5 |
| | 50' | E of | Vermont | |
| S 2 | | | 5.8 | 269.9 |
| | 12.82 | 2887 | 0.24 | 278.45 |
| | E Line of Vermont | | | |
| N 2 | | | 9.1 | 279.2 |
| 6 | | | 12.5 | 275.8 |
| | 25' | E of | Vermont | |
| N 2 | | | 6.7 | 281.6 |
| 6 | | | 7.5 | 280.8 |
| | 50 | E of | Vermont | |
| N 2 | | | 5.4 | 282.5 |
| 6 | | | 5.6 | 282.7 |
| 4 | | | 6.4 | 281.9 |
| 6 | | | 8.6 | 279.7 |
| 4 | | | 11.5 | 276.8 |
| 6 | | | 14.6 | 273.7 |

PLOTTED

2887

Cypress st

| | | | | |
|---|---|---|---|---|
| | 75' | E of | Vermont | |
| S | | | 7.9 | 280.4 |
| 6 | | | 5.7 | 282.6 |
| 4 | | | 4.5 | 283.8 |
| 6 | | | 4.5 | 283.8 |
| 4 | | | 4.5 | 283.8 |
| 6 | | | 4.6 | 283.7 |
| N | | | 4.4 | 283.9 |
| | 100' | E of | Vermont | |
| N | | | 3.7 | 284.6 |
| 6 | | | 3.5 | 284.8 |
| 4 | | | 3.2 | 285.1 |
| 6 | | | 3.2 | 285.1 |
| 4 | | | 3.7 | 284.9 |
| 6 | | | 3.6 | 284.7 |
| S | | | 4.0 | 284.3 |

| | | | | |
|---|---|---|---|---|
| | 125' | 2882.7 E of | Vermont | |
| S | | | 3.0 | 285.3 |
| bk | | | 2.1 | 286.2 |
| y | | | 2.7 | 285.6 |
| t | | | 2.5 | 285.8 |
| y | | | 2.6 | 285.7 |
| bk | | | 2.8 | 285.5 |
| R | | | 2.9 | 285.4 |
| | 150 | E of | Vermont | |
| R | | | 2.4 | 285.9 |
| bk | | | 2.4 | 285.9 |
| y | | | 2.2 | 286.1 |
| b | | | 2.3 | 286.0 |
| y | | | 2.4 | 285.9 |
| bk | | | 2.6 | 285.7 |
| S | | | 2.6 | 285.7 |

PLOTTED

| | | | | |
|---|---|---|---|---|
| | 175' | 2881.7 E of | Vermont | keyhead at |
| S | | | 2.2 | 286.1 |
| bk | | | 2.1 | 286.2 |
| y | | | 2.1 | 286.2 |
| b | | | 2.2 | 286.1 |
| y | | | 2.0 | 286.3 |
| bk | | | 2.1 | 286.2 |
| R | | | 2.4 | 285.9 |
| TP | 4/8 | 2900.8 | 2.38 | 285.89 |
| | 200 | E of | Vermont | |
| R | | | 3.6 | 286.5 |
| bk | | | 3.8 | 286.3 |
| y | | | 4.0 | 286.1 |
| b | | | 4.0 | 286.1 |
| y | | | 4.0 | 286.1 |
| bk | | | 4.0 | 286.1 |
| S | | | 4.1 | 286.0 |

290.08

225' Eg Vermont

| | | |
|---|---|---|
| S | 4,6 | 285,5 |
| bh | 4,1 | 286,0 |
| y | 4,0 | 286,1 |
| b | 4,1 | 286,0 |
| y | 3,7 | 286,4 |
| bl | 3,7 | 286,4 |
| n | 3,4 | 286,7 |

250' E y Vermont

| | | |
|---|---|---|
| n | 3,5 | 286,6 |
| bh | 3,7 | 286,4 |
| y | 4,0 | 286,1 |
| b | 4,3 | 285,8 |
| y | 4,4 | 285,7 |
| bh | 4,7 | 285,4 |
| S | 5,4 | 284,7 |

PLOTTED

290.08 key press 32

262' E y Vermont

| | | |
|---|---|---|
| S | 6,2 | 283,9 |
| bh | 5,5 | 284,6 |
| y | 5,0 | 285,1 |
| b | 4,3 | 285,8 |
| y | 4,0 | 286,1 |
| bl | 3,6 | 286,5 |
| n | 3,6 | 286,5 |

275' E y Vermont

| | | |
|---|---|---|
| n | 3,6 | 286,5 |
| bl | 4,2 | 285,9 |
| y | 4,4 | 285,7 |
| b | 4,5 | 285,6 |
| y | 5,5 | 284,6 |
| bl | 8,0 | 281,1 |
| S | 13,6 | 276,5 |

290.08

300' E of Vermont

| | | | |
|---|---|---|---|
| n | 3.8 | 286.3 | |
| bb | 4.5 | 285.6 | |
| y | 5.0 | 285.1 | |
| l | 6.0 | 284.1 | |
| +3' | 6.3 | 283.8 | |
| y | 10.6 | 279.5 | |

325' E of Vermont

| | | | |
|---|---|---|---|
| n | 3.8 | 286.3 | |
| bb | 4.9 | 285.2 | |
| y | 5.4 | 284.7 | |
| +6' | 6.3 | 283.8 | |
| l | 11.7 | 278.4 | |
| TP | 3.82 | 286.97 | 6.93 283.15 Rad |

350 E of Vermont

| | | | |
|---|---|---|---|
| n | 0.7 | 286.3 | |
| bb | 1.5 | 285.5 | |
| y | 2.1 | 284.9 | |
| +8' | 2.7 | 284.3 | |
| l | 6.0 | 281.0 | |

PLOTTED

286.97

375' E of Vermont

| | | | |
|---|---|---|---|
| n | 0.5 | 286.5 | |
| bb | 1.7 | 285.3 | |
| y | 6.6 | 280.4 | |
| +6' | 10.7 | 276.3 | |
| l | 12.0 | 275.0 | |

400' E of Vermont

| | | | |
|---|---|---|---|
| n | 0.8 | 286.2 | |
| +7' | | | |
| bb | 2.0 | 285.0 | |
| y | 12.2 | 275.8 | |

425 E of Vermont

| | | | |
|---|---|---|---|
| n | 1.0 | 285.5 | |
| +11' | 2.1 | 284.9 | |
| bb | 6.8 | 280.2 | |
| y | 11.2 | 275.8 | |

450' E of Vermont

| | | | |
|---|---|---|---|
| n | 2.6 | 284.2 | |
| +8' | 3.7 | 283.3 | |
| bb | 11.4 | 277.7 | |
| | | 275.6 | |
| y | 16.3 | 270.7 | |

Cypress

28697

| | | | | |
|---|---|---|---|---|
| | 473' | E of | Vermont | |
| 2 | | | 4.3 | 283.7 |
| | | | 4.6 | |
| bb | | | 8.5 | 278.4 |
| | | | 12.0 | 274.9 |
| 4 | | | 17.3 | 269.7 |
| | 475' | E of | Vermont | |
| 2 | | | 7.8 | 279.2 |
| | | | 8.4 | 278.6 |
| bb | | | 12.5 | 274.5 |
| 4 | | | 17.3 | 269.7 |
| T.P | 0.4 | 274.26 | 12.95 | 274.05 |
| | 300' | E of | Vermont | |
| S | | | 4.0 | 270.3 |
| bb | | | 0.0 | 274.3 |
| | 325' | E of | Vermont | |
| S | | | 10.9 | 263.4 |
| bb | | | 7.3 | 267.0 |
| 4 | | | 1.8 | 272.4 |

PLOTTED

27426 Cypress

| | | | | |
|---|---|---|---|---|
| | 350' | E of | Vermont | |
| S | | | 13.0 | 261.3 |
| bb | | | 7.0 | 267.3 |
| 4 | | | 0.2 | 274.1 |
| | 375' | E of | Vermont | |
| S | | | 17.7 | 256.6 |
| bb | | | 11.1 | 263.2 |
| 4 | | | 5.0 | 269.3 |
| | 400' | E of | Vermont | |
| S | | | | |
| bb | | | 16.4 | 257.9 |
| 4 | | | 10.6 | 263.7 |
| 6 | | | 4.9 | 269.4 |
| | 425' | E of | Vermont | |
| 6 | | | 5.2 | 269.1 |
| S 1/4 | | | 11.1 | 263.2 |
| | 450' | E | | |
| 6 | | | 9.0 | 265.3 |
| S 1/4 | | | | |

27426

| | | | | | |
|---|---|---|---|---|---|
| | 473' | E of | Vermont | | |
| b | | | 11,3 | 263,0 | |
| | 475' | E of | Vermont | | |
| b | | | 11,6 | 262,7 | |
| | 500 | E of | Vermont | | |
| Md | | | 6,4 | 267,9 | |
| bk | | | 3,0 | 271,3 | |
| 4 | | | 5,0 | 269,3 | |
| b | | | 10,4 | 263,9 | |
| TP | 019 | 261,60 | 12,85 | 261,41 | |
| | 400' | E of | Vermont | | |
| S2 | | | 9,3 | 252,3 | |
| | 425' | E | | | |
| S2 | | | 11,5 | 250,1 | |
| bk | | | 4,6 | 257,0 | |
| | 450' | E | | | |

PLOTTED

261,60

| | | | | | |
|---|---|---|---|---|---|
| | 450' | E of | Vermont | | |
| S | | | 14,4 | 247,2 | |
| bk | | | 8,8 | 252,8 | |
| 4 | | | 2,1 | 259,5 | |
| | 475' | E | | | |
| S | | | 15,5 | 246,1 | |
| bk | | | 10,4 | 251,2 | |
| 4 | | | 4,6 | 257,0 | |
| | 500 | E | of Vermont | | |
| S-bk | | | 10,8 | 250,8 | |
| S 1/4 | | | 3,0 | 258,6 | |
| | 525' | E of | Vermont | | |
| W | | | 4,5 | 257,1 | |
| bk | | | 3,0 | 258,6 | |
| 4 | | | 1,9 | 259,7 | |
| b | | | 3,1 | 258,5 | |
| 4 | | | 7,2 | 254,4 | |
| bk | | | 14,2 | 247,4 | |

Cypress

| | | | | | |
|---|---|---|---|---|---|
| | | 26160 | | | |
| TP | 0.68 | 249.34 | 12.94 | 248.66 | |
| | | 49.3 | | | |
| | 5.00 | E of Vernon | | | |
| S2 | | | 4.4 | 244.9 | |
| | 5.25 | E of Vernon | | | |
| S2 | | | 6.9 | 242.4 | |
| | 5.50 | E of Vernon | | | |
| S | | | 11.4 | 237.9 | |
| bk | | | 8.6 | 240.7 | |
| y | | | 5.4 | 243.9 | |
| b | | | 2.7 | 246.6 | |
| y | | | 2.7 | 246.6 | |
| bk | | | 2.9 | 246.4 | |
| n | | | 3.5 | 245.8 | |
| TP | 1.85 | 238.47 | 12.72 | 236.62 | |

PLOTTED

| | | | | | |
|---|---|---|---|---|---|
| | | 23847 | | | cypress st |
| | 5.75 | E of | Vernon | | |
| h | | | 3.0 | 235.5 | |
| bk | | | 2.8 | 235.7 | |
| y | | | 2.0 | 236.5 | |
| b | | | 2.1 | 236.4 | |
| y | | | 1.5 | 237.0 | |
| bk | | | 2.5 | 236.0 | |
| S | | | 5.6 | 232.9 | |
| | 5.86 | E | | | |
| S | | | 8.2 | 230.3 | |
| bk | | | 5.7 | 232.8 | |
| y | | | 5.4 | 233.1 | |
| b | | | 5.6 | 232.9 | |
| | | | 7.0 | 231.5 | |
| y | | | 5.8 | 232.7 | |
| bk | | | 3.5 | 235.0 | |
| n | | | 0.6 | 237.9 | |

23847

594' E of Vermont

| | | | |
|---|---|---|---|
| N | | 4 | 238.9 |
| bk | | 1.4 | 237.1 |
| 4 | | 4.0 | 234.5- |
| 6 | | 6.7 | 231.8 |
| 4 | | 8.7 | 229.8 |
| bk +6' | | 8.6<br>9.4 | 229.9<br>229.1 |
| S | | 12.9 | 225.6 |

600' E of W.L. Richmond (80')

| | | | |
|---|---|---|---|
| S +6' | | 11.7<br>12.6 | 226.8<br>225.9 |
| bk | | 10.7 | 227.8 |
| 4 | | 7.6 | 230.9 |
| 6 | | 5.4 | 233.1 |
| 4 | | 2.5- | 236.0 |

PLOTTED

23847 Cypress

W bk of Richmond

| | | | |
|---|---|---|---|
| S +10 +13 | | 11.2<br>11.7<br>12.7 | 227.3<br>226.8<br>225.8 |
| bk +1' | | 11.9<br>10.0 | 226.6<br>228.5 |
| 4 | | 6.2 | 232.3 |
| 6 | | 2.9 | 235.6 |

W 1/4 of Richmond

| | | | |
|---|---|---|---|
| S +11' | | 10.4<br>11.2 | 228.1<br>227.3 |
| bk +6' | | 11.2<br>9.2 | 227.3<br>229.3 |
| 4 | | 6.2 | 232.3 |
| 6 | | 2.0 | 236.5- |

Center of Richmond

| | | | |
|---|---|---|---|
| S +12' | | 10.0<br>10.9 | 228.5-<br>227.6 |
| bk +2' | | 12.0<br>10.6 | 226.5-<br>227.9 |
| 4 | | 7.2 | 231.3 |
| 6 | | 2.2 | 236.3 |

23847

E 1/4 of Richmond

| | | | |
|---|---|---|---|
| S1 +11' | | 9.9 | 228.6 |
| | | 10.4 | 228.1 |
| bl +3' | | 11.5 | 227.0 |
| | | 10.0 | 228.5 |
| y | | 7.1 | 231.4 |
| b | | 3.6 | 235.5 |

E bl of Richmond

| | | | |
|---|---|---|---|
| S +10 +12 | | 9.5 | 229.0 |
| | | 10.2 | 228.3 |
| | | 11.2 | 227.3 |
| bl +1' | | 11.0 | 227.5 |
| | | 10.0 | 228.5 |
| y | | 7.2 | 231.3 |
| b | | 4.0 | 234.5 |

E Line of Richmond

| | | | |
|---|---|---|---|
| S +10' +12 | | 9.3 | 229.2 |
| | | 10.0 | 228.5 |
| bl | | 10.7 | 227.8 |
| | | 9.5 | 229.0 |
| y | | 7.1 | 231.4 |
| b | | 3.9 | 234.6 |

PLOTTED

23847 Cypress

25' E of Richmond

| | | | |
|---|---|---|---|
| S +2 | | 10.2 | 228.3 |
| | | 9.7 | 228.8 |
| bl | | 8.8 | 229.7 |
| y | | 6.7 | 231.8 |
| b | | 3.5 | 234.9 |

50' E of Richmond

| | | | |
|---|---|---|---|
| S | | 9.2 | 229.3 |
| bl | | 7.9 | 230.6 |
| y | | 6.1 | 232.4 |
| b | | 3.3 | 235.2 |

| | | | | |
|---|---|---|---|---|
| TP | 12.82 | 25.33 | 0.0 | 23847 |

5.94' E of Vermont

| | | |
|---|---|---|
| n2 | 11.4 | 2399 |

600' W = E Line of Richmond (80)

| | | |
|---|---|---|
| n2 | 9.5 | 241.8 |
| bl | 12.5 | 238.8 |

W lab of Richmond

| | | |
|---|---|---|
| n2 | 5,5 | 245,8 |
| bk | 9,9 | 241.4 |
| y | 12,6 | 238,7 |

W ¼ of Richmond

| | | |
|---|---|---|
| n2 | 2,2 | 249,1 |
| bk | 6,7 | 244.6 |
| y | 11,2 | 240,1 |

center of Richmond

| | | |
|---|---|---|
| n | 0,5 | 250.8 |
| bk | 5,2 | 246,1 |
| y | 10,5 | 240,8 |

E ¼ of Richmond

| | | |
|---|---|---|
| n | 7,07 | 25-20 |
| bk | 4.6 | 246,7 |
| y | 10,5 | 240,8 |

PLOTTED



E lab of Richmond

| | | |
|---|---|---|
| n | 7,1 | 252.4 |
| bk | 5,2 | 246,1 |
| y | 11,4 | 239,9 |

E ¼ of Richmond

| | | |
|---|---|---|
| n | 0,6 | 25-1,3 |
| bk | 6,2 | 245,1 |
| y | 11,9 | 239.11 |

25' E of Richmond

| | | |
|---|---|---|
| n | 2,5 | 248,8 |
| bk | 8,6 | 242,7 |
| y | 13,1 | 238,2 |

50' E of Richmond

| | | |
|---|---|---|
| n | 9,0 | 242,3 |
| bk | 12,6 | 238,7 |
| y | 15,0 | 236,3 |

75' E of Richmond

| | | |
|---|---|---|
| n | 11,3 | |
| TP | | |

25-1,33

75' E of Richmond

| | | | | |
|---|---|---|---|---|
| R | | | 11,3 | 240.6 |
| TP | 3,44 | 24177 | 13,00 | 238,33 |
| bk | | | 4,2 | 237,6 |
| Y | | | 5,9 | 235,9 |
| Sh | | | 7,8 | 234,0 |
| Y | | | 9,2 | 232,6 |
| bk | +9 | | 10,6 | 231,2 |
| | | | 11,7 | 230,1 |
| S | | | 12,7 | 229,1 |

100' E of Richmond

| | | | | |
|---|---|---|---|---|
| S | | | 6,9 | 234,9 |
| bk | +4 | | 11,0 | 230,8 |
| | | | 12,3 | 229,5 |
| Y | | | 10,4 | 231,4 |
| L | | | 8,6 | 233,2 |
| Y | | | 7,3 | 234,5 |
| bk | | | 5,7 | 236,1 |
| R | | | 3,7 | 238,1 |

PLOTTED

24197

125' E of Richmond

| | | | | |
|---|---|---|---|---|
| R | | | 7,5 | 234,3 |
| bk | | | 8,9 | 232,9 |
| Y | | | 10,4 | 231,4 |
| | +6 | | 11,6 | 230,2 |
| L | | | 10,7 | 231,1 |
| Y | | | 8,4 | 233,4 |
| bk | | | 4,8 | 237,0 |
| S | | | 1,0 | 240,8 |

150' E of Richmond

| | | | | |
|---|---|---|---|---|
| R | +6 | | 10,3 | 231,3 |
| | | | 11,00 | 230,8 |
| bk | | | 9,2 | 232,6 |
| Y | | | 5,8 | 236,0 |
| L | | | 3,7 | 238,1 |
| Y | | | 2,5 | 239,3 |

175' E of Richmond

| | | | | |
|---|---|---|---|---|
| R | | | 7,6 | 234,2 |
| bk | | | 5,0 | 236,8 |
| Y | | | 2,6 | 239,2 |
| L | | | | |

| | | | | |
|---|---|---|---|---|
| | 200 | Ef | Richmond | 24172 |
| R | | | 1,0 | 240,8 |
| bk | | | 3,6 | 238,2 |
| TP | 1285 | 25460 | 0,0 | 241,72 |
| | 150 | Ef | Richmond | |
| S | | | 7,4 | 247,2 |
| bk | | | 12,7 | 241,9 |
| | 175 | Ef | Richmond | |
| S | | | 0,0 | 254,6 |
| bk | | | 4,5 | 250,1 |
| y | | | 9,9 | 244,7 |
| b | | | 13,2 | 241,4 |
| | 200 | Ef | Richmond | |
| S 1/4 | | | 4,6 | 250,0 |
| b | | | 9,2 | 245,4 |
| R/4 | | | 11,8 | 242,8 |

PLOTTED

| | | | | |
|---|---|---|---|---|
| | 225 | Ef | Richmond | 25460 |
| R | | | 12,0 | 242,6 |
| bk | | | 8,8 | 245,8 |
| y | | | 5,3 | 249,3 |
| b | | | 1,4 | 253,2 |
| | 250 | Ef | Richmond = W.L. Albert | |
| R | | | 6,0 | 248,6 |
| bk | | | 2,4 | 252,2 |
| TP | 1265 | 26671 | 0,54 | 254,06 |
| | 200 | Ef | Richmond | |
| S | | | 7,4 | 259,3 |
| bk | | | 12,2 | 254,5 |
| | 225 | Ef | Richmond | |
| S | | | 5,3 | 261,4 |
| bk | | | 10,2 | 256,5 |
| y | | | 12,5 | 254,2 |

26671

250' E = W 2 y Albert st (82)

| | | | |
|---|---|---|---|
| S bk | | 1,0 | 265,7 |
| S 1/4 | | 3,3 | 263,4 |
| b | | 5,8 | 260,9 |
| N 1/4 | | 9,3 | 257,4 |
| | W bk of Albert st | | |
| N | | 16,3 | 250,4 |
| bk | | 11,3 | 255,4 |
| y | | 6,1 | 260,6 |
| b | | 2,7 | 264,3 |
| | W 1/4 of Albert | | |
| N | | 13,7 | 253,3 |
| bk | | 8,1 | 258,6 |
| y | | 3,7 | 263,0 |
| | Center of albert | | |
| W | | 7,8 | 258,9 |
| bk | | 4,5 | 262,2 |

26671 Keyhess

E 1/4 of Albert

| | | | |
|---|---|---|---|
| N | | 4,8 | 261,9 |
| TP | 1295 | 279,66 00 | 26671 |
| | 250' E = W 2 y albert (82) | | |
| S | | 11,0 | 268,7 |
| | W bk of albert | | |
| S | | 6,8 | 272,9 |
| bk | | 8,6 | 271,1 |
| y | | 10,0 | 268,7 |
| | W 1/4 of albert | | |
| S | | 3,1 | 276,6 |
| bk | | 4,4 | 275,3 |
| y | | 7,1 | 272,6 |
| b | | 12,9 | 267,6 |
| | Center of Albert | | |
| S 1/4 | | 2,5 | 277,2 |
| Center | | 7,3 | 272,4 |
| N 1/4 | | 12,8 | 266,9 |

27966

E ¼ of Albert

| | | |
|---|---|---|
| N bk | 13,6 | 266.1 |
| Y | 8,7 | 271,0 |
| L | 3,2 | 276,5 |

E bk of Albert

| | | |
|---|---|---|
| N | 13,9 | 263.8 |
| bk | 9,4 | 270,3 |
| Y | 4,5 | 275.2 |

E L of Albert

| | | |
|---|---|---|
| L | 7,7 | 274,0 |
| bk | 3,3 | 276,4 |
| TP 11,90 | 29152 00 | 27966 |

Center of Albert

| | | |
|---|---|---|
| S | 10,0 | 281,6 |
| bk | 11,6 | 280,0 |

E ¼ of Albert

| | | |
|---|---|---|
| S | 5,7 | 285,9 |
| bk 4,6 | 6,8 / 7,6 | 284,8 / 284,0 |
| 4 | 9,8 | 281.8 |

PLOTTED

29152

E bk of Albert

by brass at

| | | |
|---|---|---|
| S | 3,4 | 288,2 |
| bk | 3,8 | 287,8 |
| Y | 7,0 | 284,6 |
| L | 11,3 | 280,3 |

E Sec of Albert

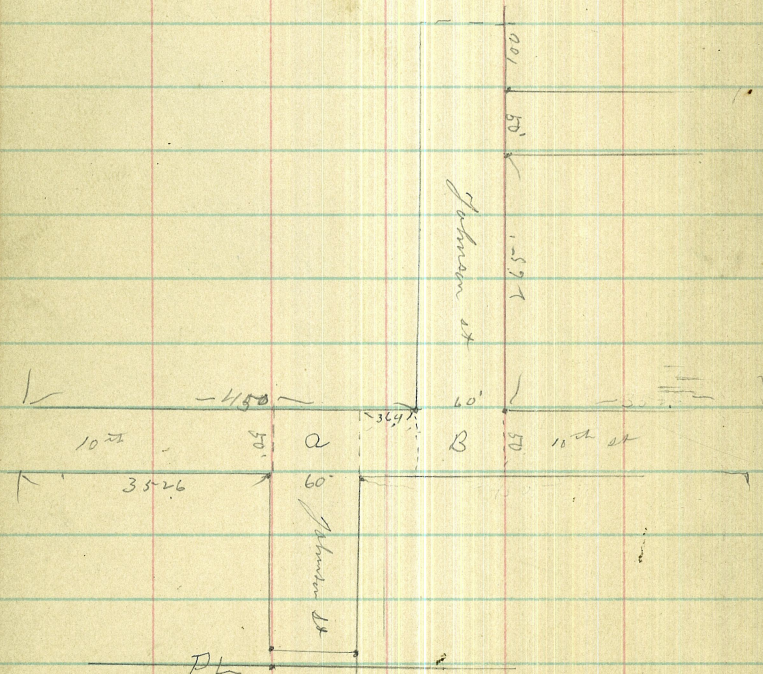
| | | |
|---|---|---|
| S | 2,3 | 289,3 |
| bk | 2,9 | 288,7 |
| Y | 3,4 | 288,6 |
| L | 7,2 | 284,4 |
| 4 | 10,7 | 280,8 |
| TP 5,85 | 295,6 | 1,78 28978 |
| | 1,73 | 94 29,280 Brass Herbert |

PLOTTED

Clough
Diman
Rogers

Intersection of Johnson St & 60
Ruchs & Point of Diman 26 & 10 ft st

| | | | | |
|---|---|---|---|---|
| 5.93 | 29.799 | | 29.206 | Bm Lincoln & Diman |
| 5.09 | 29.463 | 8.45 | 28.954 | |
| 6.41 | 29.169 | 9.35 | 28.328 | Bm Rej at Johnson + 10 |




29.169

Johnson

W Sin of 10 ft st (50')
(Intersection a)

| | | |
|---|---|---|
| S | 11.6 | 280.1 |
| bl | 12.2 | |
| y | 13.0 | |
| L | 13.4 | 278.3 |
| y | 13.3 | |
| bl | 12.3 | |
| W | 11.3 | 280.4 |
| W bl y | 10 ft | |
| y | 10.1 | 281.6 |
| bl | 10.8 | |
| y | 11.5 | |
| L | 11.8 | 279.9 |
| y | 11.4 | |
| bl | 11.0 | |
| S | 10.2 | 281.4 |

29169

| | | | | |
|---|---|---|---|---|
| | W | 1/4 of | 10 ch | |
| S | | | 9,6 | 282.1 |
| bl | | | 10,1 | |
| y | | | 10,5 | |
| d | | | 10,7 | 281.0 |
| y | | | 10,4 | |
| bl | | | 9,8 | |
| n | | | 9,3 | 282.4 |
| | Center of | | 10 ch | |
| 2 | | | 2,8 | 282.9 |
| bl | | | 9,2 | |
| y | | | 9,7 | |
| d | | | 10,0 | 281.7 |
| y | | | 9,8 | |
| bl | | | 9,4 | |
| S | | | 9,3 | 282.4 |

29169

Johnson

| | | | | |
|---|---|---|---|---|
| | E | 1/4 | of | 10 ch |
| S | | | 8,9 | 282.8 |
| bl | | | 8,9 | |
| y | | | 9,2 | |
| d | | | 9,3 | 282.4 |
| y | | | 9,0 | |
| bl | | | 8,6 | |
| n | | | 8,4 | 283.3 |
| | E | bl of | 10 ch | |
| 2 | | | 8,8 | 283.7 |
| bl | | | 8,2 | |
| y | | | 8,5 | |
| d | | | 8,7 | 283.0 |
| y | | | 8,8 | |
| bl | | | 8,7 | |
| S | | | 8,7 | 283.0 |

29169

E Line of 10 it st

| | | | |
|---|---|---|---|
| S | 8,1 | 283.6 | |
| " | 8.1 | | |
| y | 8,0 | | |
| b | 7,7 | 284.0 | |
| y | 7,6 | | |
| " | 7,6 | | |
| n | 7,2 | 284.6 | |

25' E of 10 it st

| | | | |
|---|---|---|---|
| n | 6,3 | 285.4 | |
| " | 5,6 | | |
| y | 5,7 | | |
| b | 6,3 | 285.4 | |
| y | 6,1 | | |
| " | 6,3 | | |
| S | 6,3 | 285.4 | |

29169

50' E of 10 it st Johnson

| | | | |
|---|---|---|---|
| S | 5,5 | 286.2 | |
| " | 4,8 | | |
| y | 5,0 | | |
| b | 5,9 | 285.8 | |
| y | 6,2 | | |
| " | 6,3 | | |
| n | 6,5 | 285.2 | |

75' E of 10 it st

| | | | |
|---|---|---|---|
| n | 5,8 | 285.9 | |
| " | 5,7 | | |
| y | 5,4 | | |
| b | 5,2 | 286.5 | |
| y | 5,3 | | |
| " | 5,0 | | |
| S | 5,0 | 286.7 | |

29.6.69

160 E of 18 st

| | | |
|---|---|---|
| S | 4,8 | 286.9 |
| bb | 4,8 | |
| y | 4,8 | |
| l | 4,5 | 287.2 |
| y | 4,3 | |
| bb | 4,4 | |
| n | 4,9 | 286.8 |

125' E of 10 st

| | | |
|---|---|---|
| n | 3,5 | 288 n |
| bb | 3,7 | |
| y | 3,9 | |
| l | 3,9 | 287.8 |
| y | 4,1 | |
| bb | 4,1 | |
| S | 4,3 | 287,4 |

29.6.69 Jahnstr

135 E = Bubblestr

| | | |
|---|---|---|
| S | 3,8 | 287.9 |
| bb | 3,1. | |
| y | 3,5 | |
| l | 3,6 | 288.1 |
| y | 3,4 | |
| bb | 3,2 | |
| n | 3,0 | 288.7 |

Intersect (B) Johnson & 10th
36.4' n of (a)
410 28938 285.28 TP

E line of 10th st (50)

| | | | |
|---|---|---|---|
| h | 2 | 5.2 | 284.2 |
| bl | | 5.0 | |
| y | | 4.7 | |
| b | | 4.5 | 284.9 |
| y | | 4.7 | |
| bl | | 4.8 | |
| S | | 5.2 | 284.2 |

E bl of 10th st

| | | | |
|---|---|---|---|
| S | | 5.0 | 284.4 |
| bl | | 4.6 | |
| y | | 5.0 | |
| b | | 4.9 | 284.5 |
| y | | 5.1 | |
| bl | | 5.2 | |
| h | | 5.3 | 284.1 |

28938 Johnson

E ¼ of 10th st

| | | | |
|---|---|---|---|
| h | | 5.2 | 284.2 |
| bl | | 5.0 | |
| y | | 5.0 | |
| b | | 5.0 | 284.4 |
| y | | 5.3 | |
| bl | | 5.1 | |
| S | | 5.3 | 284.1 |

Center of 10th st

| | | | |
|---|---|---|---|
| S | | 5.7 | 283.7 |
| bl | | 5.2 | |
| y | | 5.4 | |
| b | | 5.2 | 284.2 |
| y | | 5.0 | |
| bl | | 5.1 | |
| h | | 5.0 | 284.4 |

| | | | |
|---|---|---|---|
| W | ¼ of | 10 ch | st |
| h | | 4,8 | 284.6 |
| bk | | 5,0 | |
| y | | 5,2 | |
| b | | 5,4 | 284.0 |
| y | | 5,3 | |
| bk | | 5,5 | |
| S | | 5,9 | 283.5 |
| W | bk of | 10 ch | |
| S | | 6,2 | 283.2 |
| bk | | 5,4 | |
| y | | 5,2 | |
| b | | 5,2 | 284.2 |
| y | | 5,0 | |
| bk | | 5,3 | |
| h | | 5,2 | 284.2 |



| | | | |
|---|---|---|---|
| W Lin | of | 10 ch | st |
| h | | 5,4 | 284.0 |
| bk | | 5,4 | |
| y | | 5,0 | |
| b | | 4,7 | 284.7 |
| y | | 5,1 | |
| bk | | 5,9 | |
| S | | 6,2 | 282.8 |
| 25 | W of | 10 ch | st |
| S | | 8,2 | 281.2 |
| bk | | 7,5 | |
| y | | 7,2 | |
| b | | 6,6 | 282.8 |
| y | | 5,9 | |
| bk | | 5,8 | |
| h | | 5,7 | 283.7 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50' | W J | 10 ft | st | | | | | | | |
| h | | | 6.7 | 283.0 | | | | | | | |
| bk | | | 6.7 | | | | | | | | |
| y | | | 6.9 | | | | | | | | |
| b | | | 7.6 | 281.8 | | | | | | | |
| y | | | 8.3 | | | | | | | | |
| bk | | | 9.2 | | | | | | | | |
| s | | | 10.3 | 279.1 | | | | | | | |
| | 75' | W J | 10 ft | | | | | | | | |
| s | | | 11.5 | 277.9 | | | | | | | |
| bk | | | 10.0 | | | | | | | | |
| y | | | 9.0 | | | | | | | | |
| b | | | 8.5 | 280.9 | | | | | | | |
| y | | | 7.9 | | | | | | | | |
| bk | | | 7.5 | | | | | | | | |
| h | | | 7.3 | 282.1 | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 100' | W J | 10 ft | st | | |
| h | | | 8.1 | 281.3 | | | | | | | |
| bk | | | 8.3 | | | | | | | | |
| y | | | 8.5 | | | | | | | | |
| b | | | 8.9 | 280.5 | | | | | | | |
| y | | | 10.0 | | | | | | | | |
| bk | | | 11.1 | | | | | | | | |
| s | | | 12.4 | 277.0 | | | | | | | |
| | 125' | W J | 10 ft | st | | | | | | | |
| s | | | 12.3 | 277.1 | | | | | | | |
| bk | | | 10.9 | | | | | | | | |
| y | | | 10.1 | | | | | | | | |
| b | | | 9.4 | 280.0 | | | | | | | |
| y | | | 8.9 | | | | | | | | |
| bk | | | 8.5 | | | | | | | | |
| h | | | 8.4 | 281.0 | | | | | | | |

28938

| | | | | |
|---|---|---|---|---|
| | 150' | W of | 10th | st |
| N | | | 8.7 | 280.7 |
| bk | | | 8.9 | |
| y | | | 9.3 | |
| l | | | 9.8 | 279.6 |
| y | | | 10.2 | |
| bl | | | 11.2 | |
| S | | | 12.4 | 277.0 |
| | 175' | W of | 10th | st |
| S | | | 13.1 | 276.3 |
| bl | | | 12.0 | |
| y | | | 11.2 | |
| l | | | 10.5 | 278.9 |
| y | | | 10.1 | |
| bl | | | 9.5 | |
| N | | | 9.5 | 279.9 |
| TP | 0.81 | 281.07 | 9.2 | 280.26 |

28107

| | | | | |
|---|---|---|---|---|
| | 200' | W of | 10th | st |
| N | | | 2.4 | 278.6 |
| bk | | | 2.7 | |
| y | | | 3.4 | |
| l | | | 4.1 | 277.0 |
| y | | | 5.0 | |
| bl | | | 6.4 | |
| S | | | 7.2 | 273.9 |
| | 225' | W of | 10th | st |
| S | | | 9.0 | 272.1 |
| bk | | | 8.2 | |
| y | | | 7.5 | |
| l | | | 6.6 | 274.5 |
| y | | | 6.4 | |
| bl | | | 5.5 | |
| N | | | 5.2 | 275.9 |

51

| | | | | |
|---|---|---|---|---|
| | 250' W of | 10th st | | |
| N | | 7.2 | 273.9 | |
| bl | | 7.7 | | |
| 4 | | 8.1 | | |
| 6 | | 8.3 | 272.8 | |
| 4 | | 9.1 | | |
| bl | | 9.5 | | |
| S | | 10.2 | 270.9 | |
| | 265' W = E Line of | 9th st (50') | | |
| S | | 10.2 | 270.9 | |
| bl | | 9.7 | | |
| 4 | | 9.4 | | |
| 6 | | 9.1 | 272.0 | |
| 4 | | 8.8 | | |
| bl | | 8.3 | | |
| N | | 8.1 | 273.0 | |



| | | | | |
|---|---|---|---|---|
| | E bl of | 9th st | | |
| N | | 8.2 | 272.9 | |
| bl | | 8.5 | | |
| 4 | | 8.9 | | |
| 6 | | 9.1 | 272.0 | |
| 4 | | 9.4 | | |
| bl | | 9.8 | | |
| S | | 10.1 | 271.0 | |
| | E 1/4 of | 9th st | | |
| S | | 9.9 | 271.2 | |
| bl | | 9.5 | | |
| 4 | | 9.2 | | |
| 6 | | 8.9 | 272.2 | |
| 4 | | 8.8 | | |
| bl | | 8.6 | | |
| N | | 8.2 | 272.9 | |

28/07

| | | | | |
|---|---|---|---|---|
| | Center | of | gir | st |
| h | | | 8,3 | 272.8 |
| bh | | | 8,4 | |
| y | | | 8,6 | |
| b | | | 8,8 | 272.3 |
| y | | | 9,0 | |
| bl | | | 9,2 | |
| S | | | 9,6 | 271.5 |
| | W | 1/4 of | gir | st |
| S | | | 9,1 | 272.0 |
| bh | | | 8,9 | |
| y | | | 8,7 | |
| b | | | 8,4 | 272.7 |
| y | | | 8,4 | |
| bl | | | 8,1 | |
| h | | | 8,1 | 273.0 |

28/07

Johnson



| | | | | |
|---|---|---|---|---|
| | W | bl of | gir | st |
| h | | | 7,9 | 273.2 |
| bh | | | 7,8 | |
| y | | | 8,0 | |
| b | | | 8,1 | 273.0 |
| y | | | 8,3 | |
| bl | | | 8,5 | |
| S | | | 8,8 | 272.3 |
| | W | line of | gir | st |
| S | | | 8,5 | 272.6 |
| bh | | | 8,3 | |
| y | | | 8,0 | |
| b | | | 7,9 | 273.2 |
| y | | | 7,7 | |
| bl | | | 7,7 | |
| h | | | 7,7 | 273,4 |

28.07
Johnson
54
75'
W J
9th
st
N
67
274.4
28.07
25'
W J
9th
st
N
7.0
274.1
4
7.1

7 Blowt
9 Dorsa
10 Reyns

X Sec 9th 2N (50)

N 2 of Johnson Dr to End

28107

N 2 & Johnson

| | | | |
|---|---|---|---|
| E | 8,1 | 273.0 | |
| bl | 8,2 | | |
| y | 8,2 | | |
| b | 8,3 | 272.8 | |
| y | 8,0 | | |
| bl | 7,9 | | |
| W | 7,8 | 273.4 | |

25' N & Johnson

| | | | |
|---|---|---|---|
| W | 7,8 | 273.3 | |
| bl | 7,9 | | |
| y | 8,1 | | |
| bl | 8,1 | 273.0 | |
| y | 7,9 | | |
| bl | 7,9 | | |
| E | 7,4 | 273.7 | |

28107

9th 2N

50' N & Johnson

| | | | |
|---|---|---|---|
| E | 6,8 | 274.3 | |
| bl | 7,4 | | |
| y | 7,8 | | |
| b | 8,0 | 273.1 | |
| y | 8,2 | | |
| bl | 8,1 | | |
| W | 8,2 | 272.9 | |

75' N & Johnson 2nd

| | | | |
|---|---|---|---|
| W | 8,9 | 272.2 | |
| bl | 8,6 | | |
| y | 8,3 | | |
| b | 7,9 | 273.2 | |
| TP | 671 | 27250 | 8,2,8 | 272.79 |
| y | 5,8 | | |
| bl | 5,1 | | |
| E | 4,3 | 275.2 | |

27950

100' n of Johnson

| | | | |
|---|---|---|---|
| E | | 3.2 | 276.3 |
| bk | | 4.4 | |
| y | | 4.9 | |
| b | | 5.3 | 274.2 |
| y | | 6.0 | |
| bl | | 6.5 | |
| W | | 7.3 | 272.2 |

125' n of Johnson

| | | | |
|---|---|---|---|
| W | | 7.0 | 272.5 |
| bl | | 6.0 | |
| y | | 5.4 | |
| b | | 4.5 | 275.0 |
| y | | 3.8 | |
| bl | | 3.4 | |
| E | | 2.5 | 277.0 |

27950

150' n of Johnson

| | | | |
|---|---|---|---|
| E | | 4.8 | 276.7 |
| bl | | 5.7 | |
| y | | 4.7 | |
| b | | 5.2 | 274.3 |
| y | | 6.2 | |
| bl | | 7.2 | |
| W | | 8.6 | 270.9 |

175' n of Johnson

| | | | |
|---|---|---|---|
| W | | 11.5 | 268.0 |
| bl | | 9.5 | |
| y | | 8.6 | |
| b | | 8.0 | 271.5 |
| y | | 7.0 | |
| bl | | 6.0 | |
| E | | 4.6 | 274.9 |

279.50

| | | | | |
|---|---|---|---|---|
| | 2.00 | n = End (Dep Contr) | | |
| E | | | 7.8 | 271.7 |
| u | | | 9.2 | |
| y | | | 10.8 | |
| t | | | 12.6 | 266.9 |
| y | | | 13.7 | |
| bl | | | 15.3 | |
| W | | | 16.7 | 262.8 |
| | 250 n | | | |
| E 2 | (Keep) Bank | | 14.8 | 264.7 |

X Sec 10 22 21 (60')

N 21 Johnson mts Encl

| | | | | |
|---|---|---|---|---|
| 420 | 28948 | | 28528 | |
| | N 21 | Johnson | | |
| W½ | | 54 | 284.1 | ✓ |
| ℄ | | 52 | 284.3 | ✓ |
| ↓ | | 50 | 284.5 | ✓ |
| ℄ | | 51 | 284.4 | ✓ |
| ↓ | | 53 | 284.2 | ✓ |
| ℄ | | 53 | 284.2 | ✓ |
| E | | 53 | 284.2 | ✓ |
| | 25' N of | Johnson | | |
| E | | 51 | 284.4 | ✓ |
| ℄ | | 54 | 284.1 | ✓ |
| ↓ | | 55 | 284.0 | ✓ |
| ℄ | | 54 | 284.1 | ✓ |
| ↓ | | 52 | 284.3 | ✓ |
| ℄ | | 55 | 284.0 | ✓ |
| W | | 55 | 284.0 | ✓ |

28948

| | | | | |
|---|---|---|---|---|
| | 50 N of | Johnson | | |
| W | | 55 | 284.0 | ✓ |
| ℄ | | 52 | 283.9 | ✓ |
| ↓ | | 59 | 283.6 | ✓ |
| ℄ | | 60 | 283.5 | ✓ |
| ↓ | | 59 | 283.6 | ✓ |
| ℄ | | 56 | 283.9 | ✓ |
| E | | 52 | 284.3 | ✓ |
| | 75' N of | Johnson | | |
| E | | 56 | 283.9 | ✓ |
| ℄ | | 59 | 283.6 | ✓ |
| ↓ | | 60 | 283.5 | ✓ |
| ℄ | | 59 | 283.6 | ✓ |
| ↓ | | 59 | 283.6 | ✓ |
| ℄ | | 59 | 283.6 | ✓ |
| W | | 57 | 283.8 | ✓ |

28948

100' n/f Johnson

| | | | |
|---|---|---|---|
| W | | 7.0 | 282.5 ✓ |
| M | | 6.7 | 282.8 ✓ |
| Y | | 6.3 | 283.2 ✓ |
| L | | 5.8 | 283.7 ✓ |
| Y | | 6.1 | 283.4 ✓ |
| M | | 6.2 | 283.3 ✓ |
| E | | 5.9 | 283.6 ✓ |

125' n/f Johnson

| | | | |
|---|---|---|---|
| E | | 5.6 | 283.9 ✓ |
| M | | 6.0 | 283.5 ✓ |
| Y | | 6.3 | 283.2 ✓ |
| L | | 6.6 | 282.9 ✓ |
| Y | | 6.7 | 282.8 ✓ |
| M | | 6.7 | 282.8 ✓ |
| W | | 7.1 | 282.4 ✓ |

28949

150' n/f Johnson

| | | | |
|---|---|---|---|
| W | | 6.8 | 282.7 ✓ |
| M | | 6.8 | 282.7 ✓ |
| Y | | 6.6 | 282.9 ✓ |
| L | | 6.2 | 283.3 ✓ |
| Y | | 5.7 | 283.8 ✓ |
| M | | 5.5 | 284.0 ✓ |
| E | | 5.4 | 284.1 ✓ |
| IP | 383 | 28802 | 5.29 28419 ✓ |

175' n/f Johnson

| | | | |
|---|---|---|---|
| E | | 4.0 | 284.0 ✓ |
| M | | 4.1 | 283.9 ✓ |
| Y | | 4.2 | 283.7 ✓ |
| L | | 4.4 | 283.6 ✓ |
| Y | | 4.3 | 283.7 ✓ |
| M | | 4.6 | 283.4 ✓ |
| W | | 5.3 | 282.7 ✓ |

20' n of Johnson

| | | |
|---|---|---|
| W | 4.7 | 283.3 ✓ |
| SW | 4.3 | 283.7 ✓ |
| S | 4.1 | 283.9 ✓ |
| SE | 4.1 | 283.9 ✓ |
| E | 4.1 | 283.9 ✓ |
| NE | 4.1 | 283.9 ✓ |
| N | 4.5 | 283.5 ✓ |

225' n of Johnson

| | | |
|---|---|---|
| N | 4.9 | 283.1 ✓ |
| NW | 4.2 | 283.8 ✓ |
| W | 3.8 | 284.2 ✓ |
| SW | 3.8 | 284.2 ✓ |
| S | 3.7 | 284.3 ✓ |
| SE | 3.7 | 284.3 ✓ |
| E | 4.2 | 283.8 ✓ |



250' n of Johnson

| | | |
|---|---|---|
| E | 3.0 | 285.0 ✓ |
| NE | 3.1 | 284.9 ✓ |
| N | 3.3 | 284.7 ✓ |
| NW | 3.4 | 284.6 ✓ |
| W | 3.9 | 284.1 ✓ |
| SW | 4.8 | 283.2 ✓ |
| S | 5.7 | 282.3 ✓ |

275' n of Johnson

| | | |
|---|---|---|
| S = Stop Bank | 8.2 | 279.8 ✓ |
| SE | 6.5 | 281.5 ✓ |
| E | 5.2 | 282.8 ✓ |
| NE | 3.9 | 284.1 ✓ |
| N | 3.3 | 284.7 ✓ |
| NW | 2.4 | 285.6 ✓ |
| W | 2.3 | 285.7 ✓ |

288.02

300 N on W = Step Bank

| | | | |
|---|---|---|---|
| W | | 33 | 284.5 ✓ |

To Edward X Sec of 10th (50) from S & S
To Power
Regas Johnson (a) -

pm Sta P

| | | | |
|---|---|---|---|
| | 500 | 290.28 | 285.28 |

S & of Johnson st

| | | | |
|---|---|---|---|
| E | | 67 | 283.6 ✓ |
| ft | | 72 | 293.1 ✓ |
| y | | 75 | 282.8 ✓ |
| l | | 79 | 282.4 ✓ |
| y | | 82 | 287.1 ✓ |
| bk | | 90 | 281.3 ✓ |
| W | | 102 | 280.1 ✓ |

25' S of Johnson

| | | | |
|---|---|---|---|
| W | | 86 | 281.7 ✓ |
| bk | | 79 | 287.4 ✓ |
| y | | 76 | 287.7 ✓ |
| l | | 74 | 282.9 ✓ |
| y | | 71 | 283.2 ✓ |
| bk | | 69 | 283.4 ✓ |
| E | | 65 | 283.8 ✓ |

290.28

50' S of Johnson

| | | |
|---|---|---|
| E | 4.7 | 285.6 ✓ |
| bl | 5.6 | 284.7 ✓ |
| y | 6.4 | 283.9 ✓ |
| b | 6.7 | 283.6 ✓ |
| y | 7.2 | 283.1 ✓ |
| bl | 7.5 | 282.8 ✓ |
| W | 8.2 | 282.1 ✓ |

75' S of Johnson

| | | |
|---|---|---|
| W | 8.1 | 282.2 ✓ |
| bl | 7.6 | 282.7 ✓ |
| y | 7.1 | 283.2 ✓ |
| b | 6.7 | 283.6 ✓ |
| y | 6.2 | 284.1 ✓ |
| bl | 5.7 | 284.6 ✓ |
| E | 5.5 | 284.8 ✓ |

290.28

100' S of Johnson

| | | |
|---|---|---|
| E | 5.0 | 285.3 ✓ |
| bl | 5.1 | 285.0 ✓ |
| y | 5.9 | 284.4 ✓ |
| b | 6.6 | 283.7 ✓ |
| y | 7.0 | 283.3 ✓ |
| bl | 7.4 | 282.9 ✓ |
| W | 7.9 | 282.4 ✓ |

125' S of Johnson

| | | |
|---|---|---|
| W | 7.7 | 282.6 ✓ |
| bl | 7.2 | 283.1 ✓ |
| y | 6.8 | 283.5 ✓ |
| b | 6.3 | 284.0 ✓ |
| y | 6.0 | 284.3 ✓ |
| bl | 5.4 | 284.9 ✓ |
| E | 4.7 | 285.6 ✓ |

2902.8

150 S of Johnson

| | | | |
|---|---|---|---|
| E | | 5.4 | 284.9 ✓ |
| bb | | 5.8 | 284.5 ✓ |
| y | | 6.2 | 284.1 ✓ |
| b | | 6.3 | 284.0 ✓ |
| y | | 6.5 | 283.8 ✓ |
| bb | | 7.0 | 283.3 ✓ |
| W | | 7.3 | 283.0 ✓ |

175 S of Johnson

| | | | |
|---|---|---|---|
| W | | 7.6 | 282.7 ✓ |
| bb | | 6.5 | 283.8 ✓ |
| y | | 6.1 | 284.2 ✓ |
| b | | 6.1 | 284.2 ✓ |
| y | | 6.1 | 284.2 ✓ |
| bb | | 5.9 | 284.4 ✓ |
| E | | 5.4 | 284.9 ✓ |

2902.8 Joint 24

200 S of Johnson

| | | | |
|---|---|---|---|
| E | | 5.6 | 284.7 ✓ |
| bb | | 5.9 | 284.4 ✓ |
| y | | 6.0 | 284.3 ✓ |
| b | | 6.3 | 284.0 ✓ |
| y | | 6.7 | 283.6 ✓ |
| bb | | 7.2 | 283.1 ✓ |
| W | | 7.9 | 282.4 ✓ |

225 S of Johnson

| | | | |
|---|---|---|---|
| W | | 8.3 | 282.0 ✓ |
| bb | | 7.7 | 282.6 ✓ |
| y | | 7.3 | 283.0 ✓ |
| b | | 6.9 | 283.4 ✓ |
| y | | 6.5 | 283.8 ✓ |
| bb | | 6.1 | 284.2 ✓ |
| E | | 5.8 | 284.5 ✓ |
| Tp | 4.87 | 2878.3 | 5.32 ✓ 284.96 ✓ |

28783

250 S of Johnson

| | | | |
|---|---|---|---|
| E | | 3,7 | 284.1 ✓ |
| bl | | 4,3 | 283.5 ✓ |
| y | | 4,7 | 283.1 ✓ |
| b | | 5,0 | 282.8 ✓ |
| y | | 5,5 | 282.3 ✓ |
| bl | | 5,8 | 282.0 ✓ |
| W | | 6,3 | 281.5 ✓ |

275 S of Johnson

| | | | |
|---|---|---|---|
| W | | 6,2 | 281.6 ✓ |
| bl | | 5,9 | 281.9 ✓ |
| y | | 5,7 | 282.1 ✓ |
| b | | 5,4 | 282.4 ✓ |
| y | | 5,2 | 282.6 ✓ |
| bl | | 5,0 | 282.8 ✓ |
| E | | 4,4 | 283.4 ✓ |

28783

64

300 S = St (5)

| | | | |
|---|---|---|---|
| E | | 5,3 | 282.5 ✓ |
| bl | | 5,5 | 282.3 ✓ |
| y | | 5,7 | 282.2 ✓ |
| b | | 5,7 | 282.1 ✓ |
| y | | 6,0 | 281.8 ✓ |
| bl | | 6,3 | 281.5 ✓ |
| W | | 6,4 | 281.4 ✓ |

325 S of Johnson

| | | | |
|---|---|---|---|
| W | | 6,3 | 281.5 ✓ |
| bl | | 6,5 | 281.3 ✓ |
| y | | 6,5 | 281.3 ✓ |
| b | | 6,5 | 281.3 ✓ |
| y | | 6,3 | 281.5 ✓ |
| bl | | 6,3 | 281.5 ✓ |
| E | | 6,1 | 281.7 ✓ |

28783

3526 S = h & of 12th (50)

| | | | |
|---|---|---|---|
| E | | 74 | 280.4 |
| bk | | 71 | |
| y | | 70 | |
| l | | 69 | 280.9 |
| y | | 67 | |
| bk | | 67 | |
| W | | 67 | 281.1 |
| | h bk of | st | |
| W | | 67 | 281.1 |
| bk | | 69 | |
| y | | 68 | |
| l | | 71 | 280.7 |
| y | | 73 | |
| bk | | 75 | |
| E | | 80 | 279.8 |

28783 10th st

h 1/4 of st

| | | | |
|---|---|---|---|
| E | | 86 | 279.2 |
| bk | | 79 | |
| y | | 76 | |
| l | | 73 | 280.5 |
| y | | 70 | |
| bk | | 70 | |
| W | | 69 | 280.9 |
| | Center of | st | |
| W | | 69 | 280.9 |
| bk | | 71 | |
| y | | 73 | |
| l | | 76 | 280.2 |
| y | | 79 | |
| bk | | 82 | |
| E | | 90 | 278.8 |

28783

| | S 1/4 of | |
|---|---|---|
| E | 9.7 | 278.4 |
| bb | 8.4 | |
| y | 8.0 | |
| b | 7.8 | 280.0 |
| y | 7.5 | |
| bb | 7.1 | |
| w | 7.0 | 280.8 |

| | S bb of | |
|---|---|---|
| w | 7.2 | 280.6 |
| bb | 7.3 | |
| y | 7.6 | |
| b | 8.0 | 279.8 |
| y | 8.4 | |
| bb | 8.8 | |
| E | 10.0 | 277.8 |

28783

| | S Line of | |
|---|---|---|
| E | 11.0 | 276.8 |
| bb | 9.5 | |
| y | 8.2 | |
| b | 8.2 | 279.6 |
| y | 7.7 | |
| bb | 7.4 | |
| w | 7.4 | 280.4 |

Tenaya Engineering Progress 7-16-10

X Sec of Hawk St (80)

S & Hunter to N & Barn

BM Jacket & Hunter

| | | | | |
|---|---|---|---|---|
| | 776 | 27684 | | 26908 |
| | 171 | 27414 | 441 | 27243 |

S ½ of Hunter St (50')

| | | |
|---|---|---|
| W | 6.3 | 267.8 |
| bk | 7.0 | 267.1 |
| y | 8.1 | 266.0 |
| b | 8.9 | 265.2 |
| y | 10.0 | 264.1 |
| | 11.0 | 263.1 |
| bk | 14.2 | 259.9 |
| E | 20.7 | 253.4 |

S bk of Hunter.

| | | |
|---|---|---|
| E | 20.1 | 254.0 |
| bk | 14.6 | 259.5 |
| y | 9.8 | 264.3 |
| b | 8.5 | 265.6 |
| y | 7.7 | 266.4 |
| bk | 6.7 | 267.4 |
| W | 5.9 | 268.2 |

27414

Hawk St

S ¼ of Hunter St

| | | |
|---|---|---|
| W | 5.6 | 268.5 |
| bk | 6.5 | 267.6 |
| y | 7.6 | 266.5 |
| b | 8.1 | 266.0 |
| y | 9.8 | 264.3 |
| bk | 14.0 | 260.1 |
| E | 19.7 | 254.4 |

Center of Hunter St

| | | |
|---|---|---|
| E | 18.8 | 255.3 |
| bk | 13.2 | 260.9 |
| y | 9.7 | 264.4 |
| b | 8.3 | 265.8 |
| y | 7.2 | 266.9 |
| bk | 6.2 | 267.8 |
| W | 5.2 | 268.6 |

n 1/1 of Hawke

| | | | |
|---|---|---|---|
| W | | 5,4 | x68.7 |
| bb | | 6,1 | x68.0 |
| y | | 7,1 | x67.0 |
| b | | 7,8 | x66.3 |
| g | | 8,8 | x65.3 |
| bl | | 11,8 | x62.3 |
| E | | 17,5 | x56.6 |

n bb of Hawke

| | | | |
|---|---|---|---|
| E | | 16,8 | x57.8 |
| bb | | 10,8 | x63.3 |
| y | | 8,7 | x65.4 |
| b | | 7,6 | x66.5 |
| g | | 6,8 | x67.3 |
| bl | | 5,9 | x68.2 |
| W | | 5,1 | x69.0 |



n bl of Hawke

| | | | |
|---|---|---|---|
| W | | 5,1 | x69.0 |
| bl | | 5,8 | x68.3 |
| y | | 6,5 | x67.6 |
| b | | 7,0 | x67.1 |
| g | | 7,7 | x66.4 |
| bl | | 9,7 | x64.4 |
| E | | 14,6 | x59.5 |

25 n of Hawke

| | | | |
|---|---|---|---|
| E | | 9,7 | x64.4 |
| bb | | 6,2 | |
| y | | 5,8 | |
| b | | 5,6 | x68.5 |
| g | | 5,6 | |
| bl | | 5,4 | |
| W | | 5,2 | x68.9 |

27414

50' n of Hunter st

| | | |
|---|---|---|
| W | 5.6 | 268.5 |
| bl | 5.5 | |
| y | 5.4 | |
| b | 5.1 | 269.0 |
| y | 4.5 | |
| bl | 4.9 | |
| E | 6.8 | 267.3 |

75' n of Hunter

| | | |
|---|---|---|
| E | 4.7 | 269.4 |
| bl | 4.5 | |
| y | 5.0 | |
| b | 5.3 | 268.8 |
| y | 5.6 | |
| bl | 6.1 | |
| W | 6.3 | 267.8 |

27414

100' n of Hunter st

| | | |
|---|---|---|
| W | 6.6 | 267.5 |
| bl | 6.5 | |
| y | 6.3 | |
| b | 5.8 | 268.3 |
| y | 5.5 | |
| bl | 5.2 | |
| E | 5.0 | 269.1 |

125' n of Hunter

| | | |
|---|---|---|
| E | 5.7 | 268.4 |
| bl | 4.6 | |
| y | 5.9 | |
| b | 6.7 | 267.4 |
| y | 7.6 | |
| bl | 8.5 | |
| W | 9.4 | 264.7 |

27414

| | | | | |
|---|---|---|---|---|
| | 150 | n of | Hunter | |
| w | | | 11.8 | 262.3 |
| bk | | | 11.0 | |
| y | | | 10.3 | |
| b | | | 9.4 | 264.7 |
| y | | | 8.7 | |
| bk | | | 7.8 | |
| E | | | 7.3 | 266.8 |
| | 175 | n of | Hunter | |
| E | | | 10.7 | 264.4 |
| bk | | | 11.1 | |
| y | | | 11.7 | |
| b | | | 12.2 | 261.9 |
| y | | | 12.3 | |
| bk | | | 13.0 | |
| TP | 1.71 | 262.70 | 12.85 | 261.29 |
| w | | | 2.5 | 260.2 |

26270

Hawk 70

| | | | | |
|---|---|---|---|---|
| | 200 | n of | Hunter | |
| w | | | 4.3 | 258.4 |
| bk | | | 3.9 | |
| y | | | 3.0 | |
| b | | | 2.5 | 260.2 |
| y | | | 2.7 | |
| bk | | | 2.6 | |
| E | | | 1.6 | 261.1 |
| | 225 | n of | Hunter | |
| E | | | 3.0 | 259.7 |
| bk | | | 3.1 | |
| y | | | 4.6 | |
| b | | | 5.2 | 257.5 |
| y | | | 5.9 | |
| bk | | | 5.2 | |
| w | | | 6.6 | 256.1 |

26270

250' N of Franklin

| | | | |
|---|---|---|---|
| W | 8.7 | 254.0 | |
| bl | 8.4 | | |
| y | 8.2 | | |
| b | 7.5 | 255.2 | |
| y | 7.0 | | |
| bl | 5.9 | | |
| E | 6.4 | 256.3 | |

275' N of Franklin

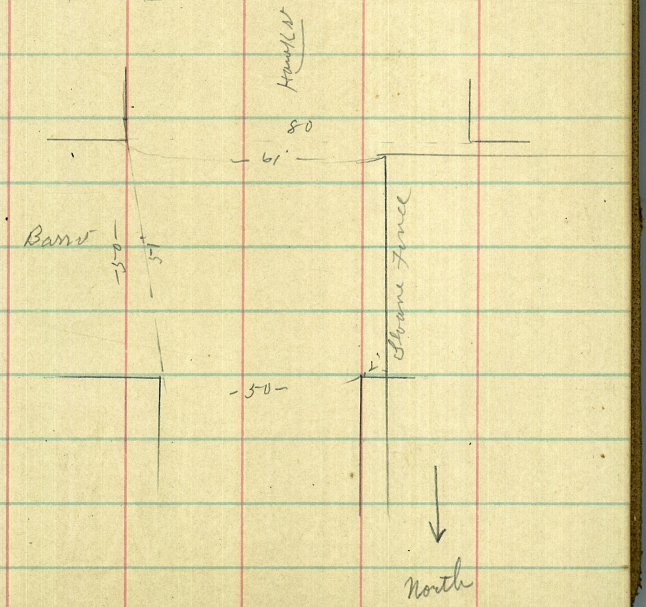
| | | | |
|---|---|---|---|
| E | 9.0 | 253.7 | |
| bl | 9.2 | | |
| y | 9.5 | | |
| b | 9.3 | 253.4 | |
| y | 8.9 | | |
| bl | 9.0 | | |
| W | 9.9 | 252.8 | |

26270

Hawk 71

300 N = S of Barr St (50)

| | | | | |
|---|---|---|---|---|
| W | | | 10.9 | 251.8 |
| bl | | | 10.9 | |
| y | | | 10.5 | |
| b | | | 10.1 | 252.6 |
| y | | | 9.6 | |
| bl | | | 10.1 | |
| E | | | 11.2 | 251.5 |
| TP | 40.2 | 25-4.96 | 11.80 | 250.90 |



(61) S bk of Barr st

| | | |
|---|---|---|
| E | 44 | |
| bk | 38 | |
| y | 29 | |
| b | 29 | |
| y | 30 | |
| bk | 33 | |
| w | 31 | |

S ¼ of Barr st

| | | |
|---|---|---|
| W | 32 | |
| bk | 35 | |
| y | 34 | |
| b | 34 | |
| y | 36 | |
| bk | 43 | |
| E | 50 | |



Center of Barr st

| | | |
|---|---|---|
| E | 53 | 249.7 |
| bk | 50 | |
| y | 45 | |
| b | 40 | 251.0 |
| y | 36 | |
| bk | 38 | |
| w | 34 | 251.6 |

N ½ of Barr st

| | | |
|---|---|---|
| w | 35 | |
| bk | 40 | |
| y | 40 | |
| b | 44 | |
| y | 47 | |
| bk | 52 | |
| E | 58 | |

25496

| | | | | |
|---|---|---|---|---|
| | N | bb | y | Barr 25 |
| E | | | 64 | 248.6 |
| bb | | | 5.7 | |
| y | | | 5.3 | |
| b | | | 4.9 | |
| y | | | 4.2 | |
| bb | | | 4.2 | |
| w | | | 3.7 | |
| (3-2) | N | sw | y | Barr 25 |
| W | | | 4.3 | 250.7 |
| bb | | | 4.8 | |
| y | | | 4.7 | |
| b | | | 5.4 | 249.6 |
| y | | | 5.7 | |
| bb | | | 6.2 | |
| E | | | 6.7 | 248.3 |

# Levels over Curbs on "G" St 7th to Arctic

E. Davis
Jos. Williams
Jos. Hargrove

Continued From P.6.

| | North R.R. | North Elev | | South R.R. | South Elev | |
|---|---|---|---|---|---|---|
| | 7.31 HI 21.78 | | | 14.47 BM S.W 1st | | |
| W.L. 1st | 7.33 | 14.45 | 14½ | 7.32 | 14.46 | 14½ |
| +50 | 6.57 | 15.21 | 15 2½ | 6.82 | 14.96 | 15.0 |
| 1 | 6.83 | 15.95 | 16.0 | 6.35 | 15.43 | 15½ |
| +50 | 5.11 | 16.67 | 16 7½ | 5.87 | 15.91 | 16.0 |
| 2=E.L. Front | 4.37 | 17.41 | 17½ | 5.34 | 16.44 | 16½ |
| W.L. Front | 4.39 | 17.39 | 17.5 | 5.39 | 16.39 | 16½ |
| +50 | 4.51 | 17.27 | 17.37 | 5.49 | 16.29 | 16.37 |
| 1 | 4.58 | 17.20 | 17 2½ | 5.64 | 16.14 | 16 2½ |
| +50 | 4.68 | 17.10 | 17.17 | 5.80 | 15.98 | 16.17 |
| 2=E.L. Union | 4.82 | 16.96 | 17.0 | 5.89 | 15.89 | 16.0 |
| TP | 3.43 | 18.92 | 6.29 | 15.49 | 15.61 BM | |

Note. Curb broken on No side of St from 47 to 53' E of E. line Union

| | North R.R | North Elev | | South R.R | South Elev | |
|---|---|---|---|---|---|---|
| | | HI 18.94 | | | | |
| W.L. Union | 2.47 | 16.47 | 16½ | 3.43 | 15.51 | 15.5 |
| +50 | 2.90 | 16.04 | 16 1⅜ | 3.90 | 15.04 | 15.17 |
| 1 | 3.14 Taken at tree | 15.80 | 15 7½ | 4.23 | 14.71 | 14.87 |
| +50 | 3.45 | 15.49 | 15 3⅞ | 4.63 | 14.31 | 14.37 |
| 2=E.L. State | 3.87 | 15.07 | 15.0 | 5.03 | 13.91 | 14.0 |
| W.L. State | 4.56 | 14.38 | 14.5 | 5.48 | 13.46 | 13.5 |
| +50 | 4.36 | 13.58 | 13 6¾ | 6.24 | 12.70 | 12 7½ |
| 1 | 6.26 | 12.68 | 12 7½ | 6.98 | 11.96 | 12.0 |
| +50 | 7.13 | 11.81 | 11.88 | 7.73 | 11.21 | 11.25 |
| 2=E.L. Columbia | 7.98 | 10.96 | 11.0 | 8.42 | 10.52 | 10.5 |
| | 1.57 | 10.92 | 9.58 | 9.36 | 9.35 BM | |

Note. 6' of curb in return and 13' of curb running E from N.E. Cor State is raised and broken by tree. From 43 to 54' E of same cor. is broken and raised by tree. From 92 to 105' E of same cor curb raised and broken by tree

Curb Levels – G St.

W.L. 10.92

| | North R.R. | North Elev | | South R.R. | South Elev | |
|---|---|---|---|---|---|---|
| W.L. Col. | 0.97 | 9.95 | 10.0 | 1.57 | 9.35 | 9.5 |
| +50 | 1.68 | 9.24 | 9.25 | 2.31 | 8.61 | 8.75 |
| 1 | 2.41 | 8.51 | 8.5 | 3.05 | 7.87 | 8.0 |
| +50 | 3.13 | 7.79 | 7.75 | 3.79 | 7.13 | 7.2 |
| 2= E.L. India | 3.94 | 6.98 | 7.0 | 4.52 | 6.40 | 6.3 |
| W.L. India | 4.58 | 6.34 | 6.5 | 5.04 | 5.88 | |
| +50 | 5.19 | 5.73 | | 5.53 | 5.39 | |
| 1 | 5.77 | 5.15 | 5.15 | 6.09 | 4.83 | 4.9 |
| End of C.& St. Fo Rod W. +42 | | | | 6.48 | 4.44 | 4.5 |
| +50 | 6.43 | 4.49 | 4.5 | | | |
| 2=E.L. Arctic | 7.04 | 3.88 | 4.0 | | | |

Note At 50 and 100 E.of India on W. side of St curb is slightly raised by trees otherwise not damaged. Does not need to be replaced

# Curb Levels on "B" St - Arctic to 1st

Party: Williams, Hancock

H.I. 23.06

6.62 BM S.W. India

| | South R.R. | South Elev. | North R.R. | North Elev. |
|---|---|---|---|---|
| 100' E Arctic | Note | | 8.56 | |
| | Curb not in on south side of St. bet Arctic and India. Return in at S.W. Cor India. No curb around return at N.E. Cor India. | | | |
| 125 | | | 8.07 | |
| 150 | | | 7.60 | |
| 175 | | | 7.16 | |
| W.L. India | 6.60 | | 6.66 | |
| E. line India | | | 5.63 | 17.43 |
| 25' E " | Note Return not in at S.E. Cor India - no curb in between India and Columbia on south side. Return in at S.W. Cor Columbia | | 5.16 | |
| 50' " " | | | 4.68 | |
| 75' " " | | | 4.32 | |
| 100' " " | | | 3.79 | |
| 125' " " | | | 3.42 | |
| 150' " " | | | 2.89 | |
| 175' " " | | | 2.66 | |
| W. line Columbia | 2.13 | | 2.19 | |
| T.P. | 9.09 | 30.02 | 2.13 | 20.93 |

H.I. 30.02

| | South R.R. | South Elev. | | North R.R. | North Elev. |
|---|---|---|---|---|---|
| E. line Columbia | 7.54 | | | | 7.64 |
| 25' E " | 7.09 | | | | 7.02 |
| 50' " " | 6.55 | | | | 6.40 |
| 75' " " | 6.12 | | | | 5.69 |
| 100' " " | 5.60 | | | | 4.93 |
| 125' " " | 5.06 | | | | 4.17 |
| 150' " " | 4.60 | | | | 3.41 |
| 175' " " | 4.12 | | | | 2.75 |
| W.L. State | 3.57 | | | | 2.03 |
| T.P. | 9.79 | 29.38 | 0.43 | | 29.59 |
| E. line State | 10.89 | | | | 9.41 |
| 25' E | 10.14 | | | | 8.83 |
| 50' " | 10.31 | | | | |
| 75' " | 8.54 | | | | |
| 100' " | 7.74 | | | | 6.64 |
| 109.5 | | | | | 6.27 |
| 125' " | 6.93 | | | | 5.71 |

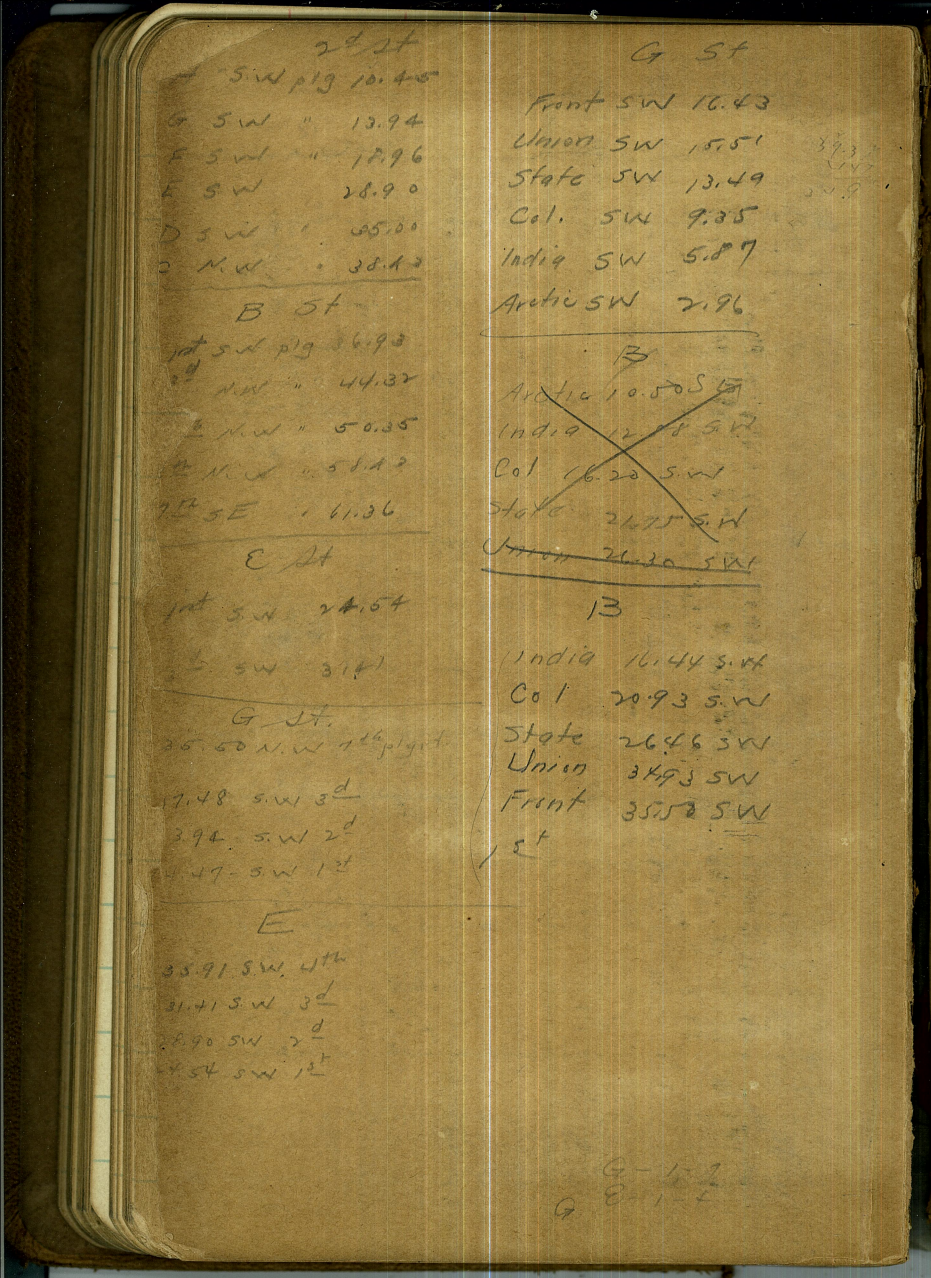
Note: Curb is broken and sunken on N. side of St from 25' E of State to 107.5' E. Must be replaced.

HI
39.38

| | South R.R. | South Elev | | North R.R. | North Elev |
|---|---|---|---|---|---|
| 150 E. State | 6.05 | | | 4.93 | |
| 175 " " | 5.31 | | | 4.20 | |
| W.L. Union | 4.49 | | | 3.47 | |
| E.L. Union | 4.48 | | | 3.48 | |
| 25 E " | 4.37 | | | 3.49 | |
| 50 " | 4.28 | | | 3.40 | |
| 75 " " | 4.26 | | | 3.28 | |
| 100 | 4.22 | | | 3.17 | |
| 125 " | 4.15 | | | 3.15 | |
| 150 " | 4.11 | | | 3.01 | |
| 175 " | 4.03 | | | 3.00 | |
| 198 " W.L. Front | 3.90 | | | 2.93 | |
| TP | 5.22 | 40.72 | 3.88 | 35.50 | |
| E.L. Front | 5.24 | | | 4.23 | |
| 25 E | 5.11 | | | 4.15 | |
| 50 " | 4.90 | | | 3.95 | |

HI
40.72

| | South R.R. | South Elev | North R.R. | North Elev |
|---|---|---|---|---|
| 75 E | 4.66 | | 3.83 | |
| 100 " | 4.60 | | 3.60 | |
| 125 " | 4.61 | | 3.62 | |
| 150 " | 4.13 | | 3.34 | |
| 175 " | 4.01 | | 3.15 | |
| W.L. 1st | 3.80 | | 3.02 | |

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# TRAVERSE TABLE FOR 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 | | | 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 | 91.53 | 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. | DEGREES | | ¾ DEGREE. | | ½ DEGREE. | | ¼ DEGREE. | | Degrees. |
|---|---|---|---|---|---|---|---|---|---|
| | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | |