

A4

LETTER

1916

BARNETT DRAIN #102 Rd.  
DUGAN DITCHES WM. BATZ DRAIN  
AVON SCH. HOUSE DRAIN

56

Corn School Hs -  
56, 76, 75

Thruw 220

4

## Avon School House Drain.

| Stat. | B.S. | H.L.  | F.S. | Elev  | Grait | Cut   | Cu.yds |  |     |
|-------|------|-------|------|-------|-------|-------|--------|--|-----|
| BM 18 |      |       |      | 50.00 | 40.00 | 10.00 |        | \$ N.E. cor wide walk }<br>On corner of walk } | 5   |
| 18T   | 1.83 | 51.88 |      |       |       |       |        |  |     |
| 17    | 3.80 |       | 3.00 | 48.08 | 39.60 | 8.48  |        |  |     |
| 16    |      |       | 4.84 | 47.07 | 39.20 | 7.84  |        | $2.93 \times 2 \times 100$<br>27<br>20.0       |     |
| 150   |      |       | 5.34 | 46.54 | 38.80 | 7.74  |        |  |     |
| T     | 3.84 | 50.39 |      |       |       |       |        |  |     |
| 14    |      |       | 4.85 | 45.53 | 38.40 | 7.13  |        |  | 140 |
| 13    |      |       | 5.15 | 45.23 | 38.00 | 7.23  |        |  |     |
| 12    |      |       | 6.82 | 43.56 | 37.60 | 5.96  |        |  |     |
| 11    |      |       | 7.51 | 42.87 | 37.20 | 5.67  |        |  |     |
| 100   |      |       | 8.31 | 42.07 | 36.80 | 5.27  |        |  |     |
| T     | 3.06 | 45.13 |      |       |       |       |        |  |     |
| 9     |      |       | 4.35 | 40.78 | 36.40 | 3.98  |        |  |     |
| 8.    |      |       | 4.60 | 40.53 | 36.00 | 4.38  |        |  |     |
| 7     |      |       | 5.28 | 39.85 | 36.20 | 4.50  |        |  |     |
| 6     |      |       | 6.38 | 38.75 | 34.40 | 4.53  |        |  |     |
| 5.    |      |       | 6.82 | 39.31 | 33.60 | 4.26  |        |  |     |

6  
 Stat. B.S. H.I. F.S. Elev Grade  
 40 45.13 8.15 36.98 32.80  
~~π~~ 3.94 40.92  
 3 5.28 35.64 32.05  
 2 5.87 35.05  
 1 6.25 34.67 31.30  
 0 7.54 33.30 30.55  
 0 8.08 32.84 27.80  
 11.37 29.55

Cut  
A.03 Cu Yds

4.18

3.46  
3.59

2 + 6.0 Stake at head

3.26  
3.37  
2.74  
2.83  
3.04

At R.R fence  
Sewer under R.R.

7

3.00  
36.00  
32.80  
3.00

32.80  
30  
78

Check back

1 40.92 7.54  
 40 3.92 37.00  
~~π~~ 9.50 46.58  
 90 5.85 40.73  
~~π~~ 10.05 50.78  
 10 3.83 46.95

| 8     |      | Aron School | House | Drain. | 9     |                                   |                    |
|-------|------|-------------|-------|--------|-------|-----------------------------------|--------------------|
| Stat. | B.S. | H.I.        | F.S.  | Elev   | Grat  | Cut                               | Cu.Yds             |
| B.M   |      |             |       | 50.00  |       | 5 flat                            | 13. of other ditch |
|       | 2.87 | 52.97       |       |        |       | On walk at 1st window N of E door |                    |
| 6+25  |      |             | 3.10  | 49.77  | 40.00 | 9.77                              |                    |
| \$6   |      |             | 6.55  | 46.32  | 39.60 | 6.72                              |                    |
| 5     |      |             | 3.90  | 48.97  | 39.20 | 9.71                              |                    |
| 40    |      |             | 4.55  | 48.32  | 38.80 | In barn                           |                    |
| π     | 2.69 | 51.00       |       |        |       | 9.52                              |                    |
| 3     |      |             | 3.91  | 47.09  | 38.40 | 8.69                              |                    |
| 2     |      |             | 6.16  | 44.84  | 38.00 | 5' S. of Sch. fence               |                    |
| 10    |      |             | 7.64  | 43.36  | 37.60 | 6.84                              |                    |
| π     | 5.51 | 48.87       |       |        |       | 5.76                              |                    |
| 10    |      |             | 6.73  | 42.14  | 37.20 | 4.99                              |                    |
|       |      |             |       |        |       | OF first ditch                    | .                  |

Aug. 19, 916

12

Stat B.S. 4.6 F.S. Elev.

5.79

B.M. 0 840 55.78 50.00

46.00

7.50 48.28

1 4.13 51.65 45.92

8.20 47.58

2 3.85 51.93 45.84

8.85 46.93

3 4.40 51.38 45.76

8.95 46.83

4 4.15 51.63 45.68

9.00 46.78

5 0 4.61 51.17 45.60

9.05 46.73

π 6.00 57.17

6 6.09 51.08 45.52

10.75 46.92

7 4.02 53.15 45.44

10.85 46.32

Clear Hot

Dra. Park Carter

Rod Carr 10/25

13

14

| Stat | ES   | H.L.  | FS    | Elev.       |
|------|------|-------|-------|-------------|
| 8    |      | 57.17 | 4.07  | 53.10 45.36 |
|      | 1    | 11.15 |       | 46.02       |
| 9    |      | 6.72  | 50.45 | 45.28       |
|      |      | 11.00 |       | 46.17       |
| 100  |      | 6.85  | 50.32 |             |
| π    | 3.60 | 53.92 |       | 45.20       |
| 10   |      | ✓     | 45.92 |             |
| 11   |      | 6.00  | 47.92 | 45.12       |
| B.M. |      | 5.81  | 48.11 |             |
| 11   |      | 8.25  | 45.67 |             |
| 12   |      | 4.00  | 49.92 | 45.04       |
|      |      | 8.30  |       | 45.62       |
| 13   |      | 4.53  | 49.39 | 44.96       |
|      |      | 8.40  |       | 45.52       |
| 140  |      | 5.32  | 48.60 | 44.88       |
|      |      | 8.50  |       | 45.42       |
| π    | 5.90 | 54.50 |       |             |

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Lowest point in header

**16**

Stat. P.S. H.H. F.S. I.H.

15 54.50 6.44 48.06 ~~47.80~~

9.30 45.20

160 5.25 49.25 49.72

9.50 45.00

T 4.21 53.46

17 4.00 49.46 49.63

8.80 44.66

180 3.32 50.14 49.55

8.75 44.61

T 3.40 53.54

19 4.00 49.54 44.47

9.20 44.34

20 3.88 49.66 49.81

8.80 44.74

210 3.47 50.07 44.32

✓ 4.458

T 3.15 53.22

~~46.90  
44.80  
1.20~~15.17  
0  
0.08

18

Slat B.S. H.L. FS. Elevation

53.22

22

3.70 49.52 49.24

8.80 44.42

230

3.44 49.78

T 3.50

53.28  
6.28

0

4.47 48.81

T 2.86 51.67

0

2.60 49.07

T 4.88 53.95

0 33

6.23 47.72

T 4.49 52.21

33

8.30 43.91

34

4.62 47.59 43.44

33

43.85

35

4.83 47.38 43.36

43.78

36

418 48.03 43.24

43.59

23 49.21

24 49.13

25 44.06

26 43.98

27 43.90

28 43.82

29 43.75

30 43.67

31 43.59

32 43.51

19

| 20  | Stat | BS   | HL    | FS.   | Flot. |       | 42<br>42<br>42.83<br>1.59 | 43<br>42<br>42.83<br>1.18<br>1.9 | 21 |
|-----|------|------|-------|-------|-------|-------|---------------------------|----------------------------------|----|
| 37  |      | 5221 | 4.70  | 47.51 | 43.20 |       |                           |                                  |    |
|     |      |      |       | 43.40 |       |       |                           |                                  |    |
| 380 |      |      | 4.60  | 47.61 | 43.18 |       |                           |                                  |    |
|     |      |      |       | 43.21 |       |       |                           |                                  |    |
| 39  |      | 3.97 | 51.58 |       |       |       |                           |                                  |    |
|     |      |      |       | 4.48  | 47.10 | 43.05 |                           |                                  |    |
|     |      |      |       |       | 43.02 |       |                           |                                  |    |
| 40  |      |      | 3.73  | 47.85 | 42.91 |       |                           |                                  |    |
|     |      |      | 8.75  | 42.83 |       |       |                           |                                  |    |
| 41  |      |      | 3.89  | 47.69 | 42.81 |       |                           |                                  |    |
|     |      |      | 8.50  | 43.08 |       |       |                           |                                  |    |
| 42  |      |      | 3.65  | 47.93 | 42.82 |       |                           |                                  |    |
|     |      |      | 8.75  | 42.83 |       |       |                           |                                  |    |
| 430 |      |      | 3.98  | 47.60 | 42.71 |       |                           |                                  |    |
| 44  |      | 485  | 52.95 |       |       |       |                           |                                  |    |
|     |      |      |       | 9.50  | 42.95 |       |                           |                                  |    |
|     |      |      |       | 5.49  | 46.96 | 42.66 |                           |                                  |    |
|     |      |      |       | 9.75  | 42.70 |       |                           |                                  |    |

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|     | Dstat | BS.   | H.I.  | FS.   | Fler |
|-----|-------|-------|-------|-------|------|
| 45  |       | 52.45 | 4.80  | 47.65 | 42.5 |
|     |       | 9.65  | 42.80 |       |      |
| 46  |       | 4.69  | 47.76 | 42.5  |      |
|     |       | 9.85  | 42.60 |       |      |
| 47  |       | 4.64  | 47.81 | 42.4  |      |
|     |       | 10.00 | 42.45 |       |      |
| 48  |       | 5.42  | 47.03 | 42.3  |      |
|     |       | 9.55  | 42.90 |       |      |
| 490 |       | 4.65  | 47.80 | 42.2  |      |
| π   | 4.39  | 52.19 |       |       |      |
| 49  |       | 9.90  | 42.29 |       |      |
| 50  |       | 4.76  | 47.43 | 42.19 |      |
|     |       | 9.75  | 42.49 |       |      |
| 51  |       | 4.58  | 47.61 | 42.1  |      |
|     |       | 10.15 | 42.09 |       |      |
| 52  |       | 4.79  | 47.40 | 42.0  |      |
|     |       | 9.54  | 42.65 |       |      |

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**24**

## Batz Ditch

| Stat. | P.S.      | H.I.  | F.S.  | Flav        |
|-------|-----------|-------|-------|-------------|
| 53    |           | 52.19 | 4.52  | 47.67 41.96 |
|       |           |       | 9.90  | 42.29       |
| 54    |           |       | 4.57  | 47.62 41.89 |
|       |           |       | 9.45  | 42.74       |
| B.M.O |           |       | 2.80  | 49.39       |
| π     | 2.8352.22 |       |       |             |
| 5#    |           | 4.00  | 48.22 | 41.81       |
|       |           | 10.50 | 41.72 |             |
| 55    |           | 3.88  | 48.34 | 41.73       |
|       |           | ~     | 41.72 |             |
| 56    |           | 4.68  | 47.59 | 41.65       |
|       |           | ~     | 41.72 |             |
| 57    |           | 4.04  | 48.18 | 41.51       |
|       |           | 10.50 | 41.72 |             |
| 58    |           | 4.55  | 47.67 | 41.50       |
|       |           | ~     | 41.62 |             |
| 59.0  |           | 4.30  | 47.92 | 41.43       |
|       |           | 10.70 | 41.52 |             |

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Top N. parapet directly over stream

Two No 59

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Stat B.S. H.L. F.S. Eku

T 4.22 52.14 41.92

60 4.00 48.14 41.34

10.75 41.39

61 4.57 47.57 41.27

10.90 41.24

62 4.56 47.88 41.19

11.00 41.14

63 4.17 47.97 41.11

11.05 41.09

64 4.26 47.88 41.03

10.85 41.29

65 4.90 47.74

T 3.94 51.68

65 4.14 47.59 40.96

10.60 41.08

66 3.38 48.30 40.83

E 327

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|     | B.S. | H.L.  | F.S.  |             |
|-----|------|-------|-------|-------------|
| 67  |      | 51.68 | 2.68  | 49.00 40.80 |
|     |      |       | "     | 41.08       |
| 68  |      | 4.11  | 47.57 | 40.72       |
|     |      |       | "     | 41.08       |
| 69  |      |       |       | 40.61       |
| 70  |      |       |       | 40.57       |
| 700 |      | 3.96  | 47.72 |             |
| 71  | 4.18 | 51.90 |       |             |
|     |      | 4.58  | 47.32 | 40.51       |
|     |      | 10.10 | 41.80 |             |
| 72  |      |       |       | 40.41       |
| 730 |      | 5.20  | 46.76 |             |
| 71  | 5.09 | 51.79 |       |             |
|     |      | 4.94  | 46.83 | 40.31       |
| 73  |      | 11.30 | 40.49 |             |
|     |      | 4.10  | 47.69 | 40.26       |
| 74  |      | 11.20 | 40.59 |             |

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weeds

30

| Stat | BS    | HT    | FS    | Elev  |
|------|-------|-------|-------|-------|
| 75   | 51.79 | 482   | 46.97 | 40.18 |
|      | 11.35 |       | 40.44 |       |
| 76   |       | 4.57  | 47.22 | 40.10 |
|      | 11.60 |       | 40.19 |       |
| 77   |       | 5.28  | 56.51 | 40.03 |
|      | 11.50 |       | 40.29 |       |
| 78 0 |       | 5.11  | 46.68 | 39.95 |
|      | 11.30 |       | 40.99 |       |
| π    | 444   | 51.12 |       |       |
| 79   |       | 4.37  | 46.75 | 39.87 |
|      | 10.50 |       | 40.62 |       |
| 80   |       | 4.12  | 47.00 | 39.71 |
|      | 10.75 |       | 40.37 |       |
| 80   |       | 4.14  | 46.98 | 39.71 |
|      | 10.80 |       | 40.32 |       |
| 87   |       | 3.97  | 47.25 | 39.61 |
|      | 10.90 |       | 40.22 |       |

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Two No 80

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~~82~~ Stat. B.S. H.I. F.S Elev  
 82 51.12 41.1 47.01 39.56  
 40.11

B.M. C 3.78 47.34

X 2.76 50.10  
 83 3.15 46.95 39.48  
 10.10 40.00  
 84 3.30 46.80 39.41  
 10.15 39.95

85 4.50 45.60 39.33  
 10.05 40.05  
 86 4.21 45.89 39.25  
 10.90 39.20

87 3.90 46.20 39.17  
 9.75 40.35

88 4.74 45.36 39.10  
 10.00 40.10  
 89 5.14 41.96 39.11  
 10.20 39.90

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Top wooden piece on top of Floor I.D.

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## Batz Ditch

| Stat | B.S. | H.D.  | F.S.  | Elev        |
|------|------|-------|-------|-------------|
| 97   |      | 49.60 | 3.95  | 45.75 38.31 |
|      |      | 10.20 |       | 49.40       |
| 98   |      | 5.51  | 44.09 | 38.31       |
|      |      | 10.30 |       | 39.30       |
| 99   |      | 4.94  | 44.66 | 38.13       |
|      |      | 10.40 |       | 39.20       |
| 100  |      | 4.76  | 44.84 | 38.14       |
|      |      | 10.55 |       | 39.05       |
| 101  |      | 4.78  | 44.92 | 38.08       |
|      |      | 10.60 |       | 39.00       |
| 1020 |      | 4.80  | 44.80 | 38.00       |
|      |      | 10.55 |       | 39.05       |
| π    | 4.81 | 44.61 |       |             |
| 103  |      | 4.85  | 44.76 | 37.81       |
|      |      |       | 38.70 |             |
| 104  |      | 5.68  | 43.93 | 37.61       |
|      |      | 10.90 |       | 38.71       |

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| Stat. | B.S. | H.L.  | E.S.  | Elev.       |
|-------|------|-------|-------|-------------|
| 105   |      | 49.61 | 5.81  | 43.73 37.77 |
|       |      | 11.00 |       | 38.61       |
| 106   |      |       | 6.12  | 43.49 37.66 |
|       |      |       | 11.15 | 38.46       |
| 107   |      |       | 6.21  | 43.40 37.61 |
|       |      |       | ✓     | 38.50       |
| 1080  |      |       | 6.98  | 43.13 37.67 |
| 1081  | 6.05 | 49.18 |       |             |
|       |      |       | 10.55 | 38.63       |
| 109   |      |       | 6.22  | 42.96 37.41 |
|       |      |       | 10.90 | 38.28       |
| 110   |      |       | 6.00  | 43.18 37.38 |
|       |      |       | 10.85 | 38.33       |
| 111   |      |       | 6.10  | 43.08 37.30 |
|       |      |       | 10.90 | 38.28       |
| 112   |      |       | 6.40  | 42.78       |
|       |      |       | 10.95 | 38.23 37.21 |

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**40**

| Stat. | B.S. | H.L.  | F.S.  | Elev  |
|-------|------|-------|-------|-------|
| 113   |      | 49.18 |       | 37.15 |
|       |      | 10.50 | 38.68 |       |
| 114   |      | 6.58  | 42.60 | 37.07 |
|       |      | 11.10 | 38.08 |       |
| 115   | 0    | 6.65  | 42.53 | 36.91 |
|       |      | 11.25 | 37.93 |       |
| π     | 7.40 | 49.93 |       |       |
| 116   |      | 6.72  | 43.21 | 36.92 |
| .     |      | 11.90 | 38.03 |       |
| 117   |      | 6.58  | 43.35 | 36.89 |
|       |      | 12.05 | 37.88 |       |
| 118   |      | 7.18  | 42.75 | 36.71 |
|       |      | 12.15 | 37.78 |       |
| 119   |      | 7.94  | 41.99 | 36.68 |
|       |      | 12.00 | 37.93 |       |
| 120   |      | 7.19  | 42.74 |       |
|       |      | 12.30 | 47.63 | 36.61 |

**41**

Stake gone

42

| Stat. | B.S.  | H.L.  | F.S.  | Elev  |
|-------|-------|-------|-------|-------|
| 121   | 49.93 | 7.88  | 42.05 | 36.53 |
|       | "     |       |       | 37.90 |
| 122 0 |       | 8.11  | 41.82 | 36.43 |
|       | "     |       |       | 37.80 |
| π     | 6.81  | 48.63 |       |       |
| 123   |       | 7.46  | 41.17 | 36.37 |
|       |       | 11.10 | 37.53 |       |
| 124   |       | 6.51  | 42.12 | 36.30 |
|       |       | 11.10 | 37.53 |       |
| 125   |       | 6.20  | 42.43 | 36.22 |
|       |       | 11.60 | 37.03 |       |
| 126   |       | 7.18  | 41.45 | 36.74 |
|       |       | 11.90 | 36.73 |       |
| 127   |       | 6.98  | 41.75 | 36.06 |
|       |       | 11.85 | 36.78 |       |
| 128 0 |       | 7.38  | 41.25 | 35.98 |
|       |       | 12.00 | 36.63 |       |
| π     | 6.22  | 47.47 |       |       |

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## Batz Ditch

| Stat. | B.S.   | H.L.  | F.S.  | Elev        |
|-------|--------|-------|-------|-------------|
| 129   | 4.7.47 |       | 6.15  | 41.32 35.90 |
|       |        |       | 10.80 | 36.67       |
| 130   |        |       | 6.45  | 41.02 35.82 |
|       |        |       | 10.90 | 36.57       |
| π     | 5.40   | 46.42 |       |             |
| 131   |        |       | 3.91  | 42.51 35.74 |
|       |        |       | 9.95  | 36.47       |
| 132   |        |       | 4.68  | 41.74 35.66 |
|       |        |       | 9.35  | 36.57       |
| 133   |        |       | 4.36  | 41.56 35.59 |
|       |        |       | 9.95  | 36.47       |
| 134   |        | 0     | 5.30  | 41.12 35.51 |
|       |        |       | 10.25 | 36.17       |
| π     | 5.81   | 46.93 |       |             |
| 135   |        |       | 6.58  | 40.35 35.43 |
|       |        |       | 10.90 | 46.03       |
| 136   |        |       | 5.61  | 41.32 35.36 |
|       |        |       | 10.90 | 36.03       |

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Rain

Began Aug 21. Baldwin &amp; Padelstar

46

| Stat. | P.S.  | H.L.  | F.S.  | Flav.          |
|-------|-------|-------|-------|----------------|
| 137   | 46.93 | 6.08  | 40.85 | 35.28          |
|       | 10.90 | 36.03 |       |                |
| 138   | 6.03  | 40.90 |       |                |
|       | 11.20 | 35.73 | 35.20 |                |
| 139   | 6.60  | 40.33 | 35.05 |                |
|       | 11.30 | 35.63 |       |                |
| 140   | 8.90  | 38.03 | 34.95 |                |
|       | ✓     | 35.68 |       |                |
| 141 0 | 7.87  | 39.06 | 34.80 |                |
|       | 11.20 | 35.73 |       |                |
| π     | 8.10  | 47.16 |       |                |
| 142   | 8.95  | 38.21 | 34.70 |                |
|       | 11.60 | 35.56 |       |                |
| 143   | 7.10  | 40.06 | 34.60 |                |
|       | 11.85 | 35.31 |       | No grade stake |
| 144   | 6.66  | 40.50 | 34.50 |                |
|       | 11.85 | 35.31 |       |                |

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|     |          |
|-----|----------|
| 138 | 44.80    |
| 15  | 35.20    |
| 123 | 9.60     |
| 62  | 4.80     |
| 15  | 40.00    |
| 77  |          |
|     | 125 9.60 |
|     | 87.50    |
|     | 85.00    |
| 138 | 9.60     |
| 31  | 2.40     |
| 107 | 35.20    |
|     | 37.60    |
|     | 42.40    |

No grade stake

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| Stat | B.S.  | H.t  | F.S.  | Elev  |
|------|-------|------|-------|-------|
| 145  | 47.16 | 7.64 | 39.52 | 34.40 |
|      | 12.15 |      | 35.01 |       |
| 146  |       | 7.19 | 39.91 | 34.30 |
|      | 12.10 |      | 35.06 |       |
| 147  |       | 7.55 | 39.61 | 34.20 |
|      | 12.35 |      | 34.81 |       |
| 148  | 0     | 7.69 | 39.52 | 34.10 |
|      |       |      |       | ✓     |
| 149  | 6.30  |      | 45.82 |       |
|      | 5.79  |      | 40.03 | 34.00 |
|      | 10.90 |      | 34.82 |       |
| 150  |       | 6.16 | 39.66 | 33.10 |
|      | 11.25 |      | 34.57 |       |
| 151  |       | 5.57 | 40.25 | 33.80 |
|      | 11.00 |      | 34.82 |       |
| 152  |       | 6.53 | 39.29 | 33.70 |
|      | 11.15 |      | 34.67 |       |

49

**50**

| Stoy. | B.S.  | H.L.  | F.S.  | Elev  |
|-------|-------|-------|-------|-------|
| 153 0 | 45.82 | 5.69  | 40.13 | 33.60 |
|       |       | 11.10 | 34.72 |       |
| T     | 4.92  | 45.05 | 5     |       |
| 154   |       | 5.71  | 39.34 | 33.60 |
|       |       | 10.55 | 34.50 |       |
| 155   |       | 5.55  | 39.50 | 33.40 |
|       |       | 10.80 | 34.25 |       |
| 156   |       | 5.06  | 39.99 | 33.30 |
|       |       | 11.00 | 34.05 |       |
| 157   |       | 5.87  | 39.18 | 33.20 |
|       |       | 11.20 | 33.85 |       |
| 158   |       | 5.68  | 39.37 | 33.10 |
|       |       | 11.25 | 33.80 |       |
| 159   |       | 5.58  | 49.47 | 33.00 |
|       |       | 11.45 | 33.60 |       |
| 160 0 |       | 5.59  | 39.46 | 32.90 |
|       |       | 11.40 | 33.65 |       |

**51**

52

| Stat  | B.S. | H.I.  | F.S.  | Flou        |
|-------|------|-------|-------|-------------|
| π     | 7.85 | 44.31 |       | 3946        |
| 161   |      |       | 370   | 40.61 3280  |
|       |      |       | 10.85 | 33.46       |
| 162   |      |       | 3.97  | 40.34 32.70 |
|       |      |       | 10.75 | 33.56       |
| 163   |      |       | 5.23  | 39.08 32.60 |
|       |      |       | 10.80 | 33.51       |
| 0     |      |       | 6.96  | 37.35       |
| π     | 5.77 | 43.12 |       |             |
| 164   |      |       | 6.00  | 37.12 32.50 |
|       |      |       | 9.75  | 32.47       |
| 165 0 |      |       | 5.20  | 36.92 32.40 |
|       |      |       | 10.00 | 32.12       |
| π     | 4.50 | 4150  | -     |             |
| 166   |      |       | 4.46  | 37.04 32.30 |
|       |      |       | 10.35 | 31.15       |
| 0     |      |       | 9.40  | 3210        |
| π     | 9.98 | 41.58 |       |             |

53

54

## Batz Ditch.

|       |       |       |       |                                      |
|-------|-------|-------|-------|--------------------------------------|
| 167   | 41.58 | 4.70  | 36.88 | 32.20                                |
|       |       | 9.40  | 32.18 |                                      |
| 168   | 5.00  | 36.58 | 32.10 |                                      |
|       | 9.50  | 32.08 |       |                                      |
| 169   | 5.32  | 36.26 | 32.00 |                                      |
|       | 9.45  | 32.13 |       |                                      |
| 0 170 | 6.00  | 35.58 |       |                                      |
| π     | 5.64  | 41.22 |       |                                      |
| 170   | 5.60  | 35.62 | 31.90 |                                      |
|       | 9.00  | 32.22 |       |                                      |
| 13. M | 2.38  | 38.84 |       |                                      |
| 171 0 | 5.84  | 35.38 | 31.80 | Top stone slab E. side N. end bridge |
| π     | 6.40  | 41.78 |       |                                      |
|       | 9.40  | 32.38 |       |                                      |
| 172   | 9.94  | 36.84 | 31.70 |                                      |
|       | 10.00 | 31.78 |       |                                      |
| 173   | 5.46  | 36.32 | 31.60 |                                      |
|       | 10.20 | 31.58 |       |                                      |

55

56

|      | Stat | B.S.  | H.I.  | F.S   | F.I.  |
|------|------|-------|-------|-------|-------|
| 174  |      | 41.78 | 6.28  | 35.50 | 31.50 |
|      |      |       | 10.40 | 31.38 |       |
| 175  |      | 6.97  | 34.81 | 31.40 |       |
|      |      | 10.55 | 31.23 |       |       |
| 176  |      | 6.70  | 35.08 | 31.30 |       |
|      |      | 10.30 | 31.98 |       |       |
| 177  |      | 7.11  | 34.67 | 31.20 |       |
|      |      | 10.50 | 31.28 |       |       |
| 1780 |      | 7.23  | 34.55 | 31.10 |       |
|      |      | 10.75 | 31.03 |       |       |
| π    |      | 3.72  | 40.27 |       |       |
| 179  |      | 6.65  | 33.62 | 31.00 |       |
|      |      | 9.30  | 30.97 |       |       |
| 180  |      | 5.26  | 35.01 | 30.90 |       |
|      |      | 9.50  | 30.77 |       |       |
| 181  |      | 5.78  | 34.19 | 30.80 |       |
|      |      | 9.70  | 30.37 |       |       |

57

## LETTER

58

|     | Stat. | B.S.  | H.I.            | F.S.  | Flev  |
|-----|-------|-------|-----------------|-------|-------|
|     |       |       |                 | 5.88  |       |
| 182 |       | 40.27 | <del>8.97</del> | 34.39 | 30.70 |

|  | 183                  |
|--|----------------------|
|  | <del>138</del><br>45 |

|  | 35.20<br>30.60<br>HSJ 44.00<br>45<br>- 10.0 |
|--|---|
|--|---|

86 59

|     |       |                        |
|-----|-------|------------------------|
| 183 | 9.75  | 30.52                  |
|     | 6.33  | 33.94 <del>30.60</del> |
|     | 10.00 | 30.27                  |

|     |      |             |
|-----|------|-------------|
| 184 | 6.94 | 33.33 30.40 |
|-----|------|-------------|

|     |       |             |
|-----|-------|-------------|
|     | 9.85  | 30.42       |
| 185 | 6.84  | 33.43 30.20 |
|     | 10.00 | 30.27       |

|     |       |             |
|-----|-------|-------------|
| 186 | 6.80  | 40.23       |
|     | 5.81  | 34.92 30.05 |
|     | 10.10 | 30.13       |

|     |       |             |
|-----|-------|-------------|
| 187 | 5.92  | 34.31 29.85 |
|     | 10.70 | 29.53       |

|     |       |             |
|-----|-------|-------------|
| 188 | 6.59  | 33.64 29.70 |
|     | 10.70 | 29.53       |

|     |       |             |
|-----|-------|-------------|
| 189 | 6.33  | 33.90 29.85 |
|     | 10.75 | 29.48       |

60

| Stat. | B.S. | H.L. | F.S.  | Elev        |
|-------|------|------|-------|-------------|
| 190   | 9023 |      | 6.62  | 33.61 29.50 |
|       |      |      | 10.75 | 39.48       |
| 191   |      |      | 5.12  | 35.11 29.35 |
|       |      |      | 10.90 | 39.33       |
| 192 0 |      |      | 6.33  | 33.90 29.20 |
|       |      |      | 11.00 | 29.23       |

π 5.19 39.09

|        |  |       |             |  |
|--------|--|-------|-------------|--|
| 193 BM |  | 3.65  | 36.44       |  |
| 193    |  | 6.05  | 33.04 29.05 |  |
|        |  | ✓     | 29.00       |  |
| 194    |  | 6.90  | 32.19 28.90 |  |
|        |  | 10.55 | 28.34       |  |
| 195    |  | 6.58  | 32.51 28.75 |  |
|        |  | 10.60 | 28.49       |  |
| 196 0  |  | 5.90  | 33.19 28.10 |  |
|        |  | 10.70 | 28.39       |  |

π 4.48 37.67

61

Top of stump (highest point near fence between 192 & 193)

62

| Stat  | B.S.  | H.I.  | F.S.  | Elev        |
|-------|-------|-------|-------|-------------|
| 197   | 37.67 | 5.11  | 1.68  | 32.56 28.45 |
|       |       | 9.65  |       | 28.02       |
| 198   |       | 5.85  | 31.82 | 28.80       |
|       |       | 2     |       | 28.00       |
| 1980  |       | 4.10  |       | 33.51       |
| π     | 5.00  | 38.57 |       |             |
| 199   |       | 4.82  | 33.75 | 28.16       |
|       |       | 2     |       | 29.90       |
| 200   |       | 4.64  | 33.93 | 28.07       |
|       |       | 11.10 | 27.47 |             |
| 201 0 |       | 5.48  | 33.09 |             |
| π     | 4.66  | 37.75 |       |             |
| 201   |       | 4.42  | 33.33 | 27.85       |
|       |       | 2     |       | 27.60       |
| 202 ① |       | 5.22  | 32.53 | 27.70       |
| π     | 4.54  | 37.07 |       |             |
|       |       |       |       | 27.40       |

63

64

| Stat. | B.S. | H.I.  | F.S.  | Elev        |
|-------|------|-------|-------|-------------|
| 2030  |      | 37.07 | 4.15  | 32.92 27.85 |
|       |      | 9.80  |       | 27.27       |
| 204π  | 4.66 | 37.58 |       |             |
| 0     |      | 6.07  | 31.51 |             |
| π     | 4.92 | 36.43 |       |             |
| 204   |      | 5.00  | 31.43 | 27.40       |
|       |      | ~     |       | 27.20       |
| 2050  |      | 4.57  | 31.96 |             |
| π     | 4.85 | 36.81 |       |             |
| 205   |      | 4.97  | 31.84 | 27.25       |
|       |      | 10.15 | 26.66 |             |
| 0     | *    | 5.20  | 31.21 |             |
| π     | 5.17 | 36.38 |       |             |
| 206   |      | 4.71  | 31.67 | 27.10       |
|       |      | 10.15 | 26.23 |             |
| 0     | 6    | 6.25  | 30.13 |             |
| π     |      |       |       |             |

65

66

## Bate Ditch

|      |      |       |      |             |
|------|------|-------|------|-------------|
| π    | 5.20 | 35.35 | 5.20 | 30.13       |
| 207  |      |       | 4.61 | 30.72 26.95 |
|      |      |       | 9.50 | 26.83       |
| 0    |      |       | 9.90 | 30.43       |
| π    | 4.50 | 34.93 |      |             |
| 208  |      |       | 3.73 | 31.20 26.50 |
|      |      |       | ✓    | 26.80       |
| 0    |      |       | 4.84 | 30.09       |
| π    | 5.01 | 35.10 |      |             |
| B.M. |      |       | 9.74 | 30.36       |
|      |      |       | 9.49 | 25.61       |

$$\begin{array}{r} 204 \\ 183 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 26.80 \\ 30.60 \\ \hline 26 \\ 16.20 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 180 \\ 253.80 \\ \hline 15 \end{array}$$

67

.25

Top retaining wall at end at  
208 + 82

68

## DUGAN Ditch

|     | Sftl | B.S. | H.I.  | F.S.  | Flor  |
|-----|------|------|-------|-------|-------|
|     | 0.32 | 6.80 |       | 56.80 |       |
|     |      |      |       | 50.00 |       |
|     |      |      | 9.90  | 46.90 | 46.60 |
| 1   |      |      | 5.33  | 51.47 | 46.50 |
|     |      |      | 9.90  | 46.90 |       |
| 2   |      |      | 34.00 | 52.80 | 46.42 |
|     |      |      | 10.05 | 46.75 |       |
| 3   |      |      | 4.90  | 51.90 | 46.30 |
|     |      |      | 9.95  | 46.95 |       |
| 4   |      |      | 5.24  | 51.56 | 46.15 |
|     |      |      | 10.05 | 46.75 |       |
| 5   |      |      | 3.72  | 53.08 | 46.00 |
|     |      |      | 10.30 | 46.50 |       |
| 6   |      |      | 4.70  | 52.10 | 45.95 |
|     |      |      | 10.65 | 46.15 |       |
| 7 0 |      |      | 5.92  | 50.88 | 45.70 |
|     |      |      | 10.25 | 46.55 |       |
| T   |      |      | 5.66  | 56.54 |       |

269

Top retaining wall E side bridge

70

|     | Stal | 85    | H.I.  | F.S.  | Flav  |
|-----|------|-------|-------|-------|-------|
| 8   |      | 56.04 | 3.91  | 52.63 | 45.55 |
|     |      | 10.40 | 46.14 |       |       |
| 9   |      | 5.07  | 51.47 | 45.40 |       |
|     |      | 10.20 | 46.34 |       |       |
| B.M |      | 6.99  | 50.05 |       |       |
| 100 |      | 5.26  | 51.28 | 45.25 |       |
|     |      | 10.80 | 45.74 |       |       |
| π   |      | 4.59  | 55.87 |       |       |
| 11  |      | 4.64  | 51.23 | 45.08 |       |
|     |      | 10.30 | 45.57 |       |       |
| 120 |      | 5.45  | 50.92 | 44.89 |       |
|     |      | 10.30 | 45.57 |       |       |
| π   |      | 5.60  | 56.02 |       |       |
| 13  |      | 4.93  | 51.09 | 44.78 |       |
|     |      | 10.60 | 45.42 |       |       |
| 140 |      | 4.61  | 51.41 | 44.63 |       |
|     |      |       |       | 45.40 |       |
| π   |      | 4.50  | 55.91 |       |       |

71

Top header to tile ditch

72

| Stat. | B.S. | H.I.  | F.S.  | Elev.       |
|-------|------|-------|-------|-------------|
| 15    |      | 55.91 | 5.35  | 50.56 44.46 |
|       |      |       | 10.85 | 45.06       |
| 16    |      | 5.57  | 50.34 | 44.31       |
|       |      |       | 10.90 | 43.01       |
| 17    |      | 6.48  | 49.93 | 44.16       |
|       |      |       | 10.95 | 44.96       |
| 180   |      | 5.98  | 49.93 | 44.01       |
| π     | 7.33 | 57.26 |       |             |
|       |      | 12.50 | 44.76 |             |
| B.M   |      | 4.28  | 50.98 |             |
| 19    |      | 6.80  | 50.96 | 43.86       |
|       |      | 12.50 | 44.76 |             |
| 20    |      | 5.77  | 51.49 | 43.71       |
|       |      | 12.60 | 44.66 |             |
| 21    |      | 6.47  | 50.79 | 43.54       |
|       |      | 12.70 | 44.56 |             |
| 22    |      | 7.20  | 50.06 | 43.31       |

N wall top brick arch

**74**

S stat B.S. H.I. F.S. Elev

0 57.26 7.62 49.64

π 4.74 54.58

23

4.27 50.31 43.24

10.35 49.40

24

4.89 49.89 43.09

10.35 44.23

25

6.11 48.97 42.94

10.60 43.98

26

5.79 48.84 42.11

10.90 43.68

27

6.35 48.23 42.62

93.60

280

5.94 48.64 42.47

93.40

29π

4.30 52.94

5.41 47.53 42.32

29

10.15 42.69

**75**

76

|      | S Stat. | B.S.  | A.I.  | F.S.  | Elev  |
|------|---------|-------|-------|-------|-------|
| 30   |         | 52.94 | 4.70  | 48.24 | 42.17 |
|      |         | 10.10 |       | 42.84 |       |
| 31   |         | 5.80  |       | 47.14 | 42.00 |
|      |         | 10.15 |       | 42.79 |       |
| 32   |         |       | 4.79  | 48.15 | 41.85 |
|      |         |       | 10.50 | 42.44 |       |
| 33   |         |       | 5.15  | 47.79 | 41.70 |
| 34   |         |       | 10.50 | 42.94 |       |
| 34   |         |       | 6.93  | 46.01 | 41.35 |
|      |         |       | 92.40 |       |       |
| 35 0 |         |       | 5.60  | 47.34 | 41.20 |
| 7    | 5.14    | 52.48 |       |       |       |
|      |         |       |       | 42.20 |       |
| 36   |         |       | 6.28  | 46.20 | 40.95 |
|      |         |       |       | 42.10 |       |
| 37   |         |       | 6.19  | 46.29 | 40.69 |
|      |         |       |       | 42.00 |       |

77

$$\begin{array}{r}
 46.60 \\
 41.20 \\
 \hline
 35 \ 5.40 \\
 \hline
 35 \\
 1.0 \\
 \hline
 17.5
 \end{array}
 \quad \checkmark 15.4$$

78

Stat: P.S. H.I. F.S. Eler  
38 52.48 5.88 46.60 90.44  
v 42.00

39 0 6.11 46.37 40.28

π 5.20 51.57  
39 10.35 41.22  
40 4.58 46.99 40.07  
11.00 40.57  
41 5.04 46.53 39.87  
11.20 40.37  
42 4.96 46.61 39.66  
v 40.21

43 9.66 46.21 39.70  
11.65 39.92

44 7.40 44.17 39.25  
11.60 39.97  
45 5.82 45.75 39.05  
12.35 39.22

79

**80**

Stat. B.S H.I.

46 51.57 7.61 43.96 38.84

12.70 38.87

47 7.16 44.41 38.64

12.70 38.87

48 8.17 43.40 38.43

" 38.81

49 8.21 43.36 38.23

" 38.60

50 0 8.57 43.00 38.12

π 4.26 47.26

8.40 38.86

51 5.35 41.91 37.92

" 38.86

52 6.75 40.51 37.71

8.40 38.86

53 4.84 42.42 37.51

8.85 38.41

**81**

82

Stat. B.S. H.L. F.S ELEV.

54 47.26 5.50 91.76 37.31

9.30 37.96

55 5.46 41.80 37.10

9.30 37.96

56 5.04 42.22 36.90

9.80 37.46

57 6.23 41.03 36.68

✓ 37.40

58 0 7.08 40.18 36.49

✓ 37.40

A 5.35 45.53

5.02 40.51 36.28

8.20 37.33

60 6.45 39.08 36.07

8.70 36.83

61 0 5.13 40.90 35.87

9.30 36.13

A 6.26 46.66 42.79

83

50

84

5701 B.S.

H.H.

F.S.

Elev.

40.91

62

46.66  
42.39

5.75

36.64 35.66

10.60 36.06

63

6.30 40.36 35.46

11.25 35.41

64

5.84 40.82 35.24

11.30 35.36

65

7.84 39.82 35.04

11.40 35.26

66

7.25 39.41 34.83

11.35 35.31

67

9.22 37.44 34.62

11.90 34.76

680

7.84 38.82 34.42

34.80

K

4.15 42.97

5.95 37.02 34.21

8.15 39.82

85

86

Stat. BS H.I. F.S. ELEV

70 42.97 5.45 37.32 39.01

8.50 34.47

71 6.40 36.37 33.80

8.20 34.77

72 4.10 38.87 33.60

8.85 34.12

73 6.30 36.67 33.54

8.90 34.07

74 6.30 36.67 33.48

8.85 34.12

75 7.41 35.56

π 790 43.46

75 8.09 35.37 33.42

35.50

76 7.14 36.32 33.36

8.90 34.56

77 B.M. 4.20 39.26

$$\begin{array}{r}
 41.20 \\
 33.60 \\
 \hline
 37.760 \\
 -14.00 \\
 \hline
 23.5
 \end{array}$$

87

Top stone slab Wind N. side

Dugan Drainarm

Star B.S. H.I. F.S. Elev

0 55.35 8.35 47.00 43.00

9.95 44.40

Bottom of file.

1 9.46 50.89 42.90

10.45 44.90

2.0 5.45 49.90 42.80

10.80 44.55

π 220 52.10

3 3.70 48.90 42.70

7.65 44.55

4 0 42.60

8.40 43.70

5.24 46.80

5 7.19 44.91 42.60

8.45 43.65

6.0 8.05 44.05 42.40

9.00 43.10

π 8.04 52.09

91

92

Stat B.S. H.H.

|     |       |       |       |       |
|-----|-------|-------|-------|-------|
| 7   | 52.09 | 8.42  | 43.67 | 42.30 |
|     | 9.00  |       | 43.09 |       |
| 8   | 7.30  | 44.79 | 42.20 |       |
|     | v     |       | 43.00 |       |
| 9   | 3.69  | 46.40 | 42.10 |       |
|     | 8.85  | 43.14 |       |       |
| 10  | 5.16  | 46.93 | 42.00 |       |
|     | 8.85  | 43.24 |       |       |
| 11  | 4.62  | 47.47 | 41.90 |       |
|     | 9.10  | 42.99 |       |       |
| 12  | 4.49  | 47.60 | 41.80 |       |
|     | 9.50  | 42.59 |       |       |
| 13  | 4.35  | 47.79 | 41.70 |       |
|     | 9.45  | 42.64 |       |       |
| 140 | 4.09  | 48.00 | 41.60 |       |
|     | v     |       | 42.50 |       |
| T   | 3.87  | 51.87 |       |       |

93

94

## Arm Dugan

Stat

B.S. H.L. F.S. Elev

15

51.87 2.95 48.92 41.50

v

42.90

16

9.10 47.87 41.40

9.45 42.32

17

4.41 47.46 41.30

9.80 42.07

18

4.30 47.57 41.20

9.80 42.07

19

3.70 48.07 41.10

10.30 41.57

20

3.85 48.02 ~~41.00~~

10.20 41.67

21 0

6.43 45.44 40.84

π 6.81 52.25

22

5.32 46.93 41.61

10.30 41.95

23

2.53 47.72 40.51

10.53 41.70

## Drain.

421<sup>P</sup>  
41.80

200

1

95

Gora's line

96

Stat. B.S. H.I. FS

24 5225 410 47.95 40.34

4.30  
16.00  
17.75  
41.25

25 4.26 47.99 40.17

11.55 40.70

26 6.32 45.93 40.00

11.25 41.00

27 6.45 45.80 39.83

11.45 40.80

28 6.30 45.25 39.66

Two No 28

11.40 40.85

29 5.70 46.55 39.49

11.70 40.55

30 6.58 45.67 39.32

12.00 40.25

31 4.19 49.86

7.12 42.74 39.15

9.60 40.26

97

97

98

|      | Stat | B.S.  | H.I.  | F.S.  | Elev                           |
|------|------|-------|-------|-------|--------------------------------|
| 31   |      | 49.86 | 3.62  | 46.24 | 38.98                          |
|      |      | 9.90  |       | 39.96 |                                |
| 33   |      | 5.49  | 49.37 | 38.81 |                                |
|      |      | 10.10 |       | 39.76 |                                |
| 34   |      | 5.65  | 43.21 | 38.62 |                                |
|      |      | 10.20 |       | 39.66 |                                |
| 35   |      | 5.76  | 49.10 | 38.45 |                                |
| B.M. |      | 3.38  | 46.48 |       | Top S. parapet bridge at 33+50 |
| 35   |      | 11.00 |       | 38.86 |                                |
| 0    |      | 6.10  |       | 43.76 |                                |
| π    | 1.95 | 48.71 |       |       |                                |
| 36   |      | 5.37  | 43.34 | 38.28 |                                |
|      |      | 9.80  |       | 38.91 |                                |
| 37   |      | 4.89  | 43.82 | 38.11 |                                |
|      |      | 10.20 |       | 38.51 |                                |
| 38   |      | 4.12  | 44.59 | 37.94 |                                |
|      |      | 10.47 |       | 38.24 |                                |

99

**100**

| Sft. | B.S.  | H.H.  | F.S.  | Elev  |
|------|-------|-------|-------|-------|
| 39   | 48.71 | 4.45  | 94.26 | 37.72 |
|      |       | ✓     |       | 38.20 |
| 40   | 7.70  | 41.01 | 37.60 |       |
|      | ✓     |       |       | 38.00 |

**101**

40.00  
37.60  
24.0  
1.2  
34.0  
17  
39 of other ditch.

102

Barnett Drain

Stat BS. 14.1. F.S. Elev.

13 M A 18.32 58.32 50.00 49.00

8.85 8.85 49.47

1 6.24 52.08 48.60

9.50 48.82

2 7.29 51.03 48.20

10.20 48.12

3 7.80 50.52 47.80

10.70 47.62

4 8.61 49.71 47.40

10.80 47.52

5 8.88 49.49 47.00

11.05 47.27

6 8.90 49.42 46.84

11.20 47.12

7 7.48 50.84 46.66

11.30 47.02

8 8.00 50.32 46.50

11.60 46.72

Union Township

Baltimore Co.  
Carver Town

103

Cool - Clear

Aug. 23, 1916

#7 Top corner stone in bottom at 0100  
1.00

Began at noon.

1.26  
3.48  
22

1.41

2.83

2.72

1.22

2.31

1.68

2.44

1.02

2.58

1.19

4.18

1.05

3.82

104

9      58.32 8.40 49.92 46.34

12.00 46.32

10 0      8.10 50.22 46.18

.04

12.10 46.22

π 6.50 56.72

11      6.63 50.09 46.02

.40

10.30 46.42

12      6.86 49.86 45.86

.26

10.60 46.12

13      7.12 49.60 45.70

.91

10.55 46.17

14      6.92 49.80 45.54

.53

10.65 46.07

15      6.01 50.71 45.38

.34

11.00 45.72

16 0      5.55 51.17 45.22

.10

11.40 45.32

π 3.24 57.41

105

1.41

3.48

.07

4.04

.81

4.07

1.22

4.00

1.85

33.90

1.85

4.26

1.05

5.33

.82

5.95

106

17 54.41 2.61 51.80 45.06

9.10 45.31

18 3.25 51.16 49.90

9.35 45.06

19 4.35 50.06 49.74

9.60 44.81

9.95 44.46

20 5.55 48.86 44.58

44.61

21 6.40 48.01

π 5.68 53.69

5.36 49.05 44.12

44.90

22 0 5.00 48.69 44.26

π 9.90 45.29

π 4.06 52.75

23 0 4.60 48.15 44.10

π 8.60 44.15

107

.60

.76

.43

.37

E. end sewer on road at 19+80

.03

4.28

.95

4.63

2.80

4.43

2.00

4.03

108

|       |      |       |                  |        |                                 |
|-------|------|-------|------------------|--------|---------------------------------|
| $\pi$ | 5.03 | 53.18 | 48.15            |        |                                 |
| 240   |      |       | 5.83 47.35 43.94 | - .02  | 3.41                            |
| $\pi$ | 5.45 | 52.80 | 5.25 43.70       |        |                                 |
| 25    |      |       | 5.25 47.55 43.78 | .02    | 3.77                            |
| 0     |      |       | 9.00 43.80       | .43    |                                 |
| $\pi$ | 5.27 | 52.63 |                  |        |                                 |
| 26    |      |       | 5.32 47.31 43.62 | .21    | 3.69                            |
| 270   |      |       | 8.80 43.83       | .94    |                                 |
| $\pi$ | 7.40 | 54.88 | 5.15 47.48 43.46 | .32    | 4.02                            |
| A     |      |       | "                |        |                                 |
| 28    |      |       | 11.10 43.78      | 1.30   |                                 |
| B.111 |      |       | 8.75 46.13 43.30 | .38    | 2.85                            |
|       |      |       | 11.20 43.68      | 1.02   |                                 |
|       |      |       | 8.14 46.74       |        | Top boiler sheet End on Higgins |
|       |      |       | 12.60 42.28      | Bottom | ""                              |

109

140

141

|     |       |       |       |       |      |            |
|-----|-------|-------|-------|-------|------|------------|
| 29  | 54.88 | 840   | 46.48 | 43.14 | .44  | 3.34       |
|     | 11.30 |       | 43.59 |       |      | 1.66       |
| 30  | 8.40  | 46.48 | 42.98 | .40   |      | 3.50       |
|     | 11.50 | 43.38 |       |       |      | 1.09       |
| 31  | 7.65  | 47.23 | 42.82 | .46   |      | 4.91       |
|     | 11.60 | 43.28 |       |       |      |            |
| 0   | 8.51  | 46.37 |       |       | 2.50 |            |
| 32  | 11.60 | 43.28 | 42.66 | .62   |      | 4.56<br>62 |
| A   | 4.50  | 50.87 |       |       |      |            |
| 32  | 3.75  | 47.12 |       |       | 2.35 |            |
| 33  | 3.96  | 46.91 | 42.50 | .65   |      | 4.41       |
|     | 3     | 43.15 |       |       | 2.50 |            |
| 34  | 4.06  | 46.81 | 42.34 | .68   |      | 4.47       |
|     | 7.85  | 43.02 |       |       | 2.52 |            |
| 35  | 4.45  | 46.42 | 42.18 | .84   |      | 4.24       |
|     | 7.85  | 43.02 |       |       | 2.82 |            |
| 360 | 4.50  | 46.37 | 42.02 | .68   |      | 4.35       |
| A   | 9.69  | 51.06 |       |       |      |            |

112

37 51.06 4.90 46.16 41.88 .43 4.28

8.75 42.31

θ 6.10 49.96

2.04

π 6.35 51.31

38 5.26 46.05 41.72 .58 4.33

42.20

1.85

39 8 4.99 46.82 41.56 .42 5.26

π 4.06 50.88

39 8.90 41.98

.78  
7.80

40 0 5.22 45.66 41.40 - 4.26

9.50 41.38

.29

π 6.15 51.81

41 0 5.19 46.62 41.24

.16 5.38

π 5.51 52.13

2.32

42 0 4.71 47.42 41.08

1.05 6.34

52.55 11.00 42.13

π 5.13 47.26

113

114

|     |      |       |       |       |       |     |
|-----|------|-------|-------|-------|-------|-----|
| 430 | 3    | 52.55 | 6.03  | 46.52 | 40.92 |     |
| π   | 5.01 | 51.53 |       |       |       |     |
| 45  |      |       | 10.40 | 41.13 |       |     |
| 44  |      |       | 5.86  | 45.67 | 40.76 | .17 |
|     |      |       | 10.60 | 40.93 |       |     |
| 45  |      |       | 5.57  | 45.98 | 40.60 | .23 |
|     |      |       | 10.70 | 40.83 |       |     |
| 460 |      |       | 6.05  | 45.48 | 40.44 | .34 |
|     |      |       | 10.75 | 40.78 |       |     |
| π   | 5.42 | 50.90 |       |       |       |     |
| 47  |      |       | 5.22  | 45.68 | 40.28 | .12 |
|     |      |       | 10.50 | 40.40 |       |     |
| 48  |      |       | 4.80  | 46.10 | 40.12 | .18 |
|     |      |       |       | 40.30 |       |     |
| 49  |      |       | 5.38  | 45.52 | 39.96 | .34 |
|     |      |       | 10.60 | 40.30 |       |     |
| 50  |      |       | 8.05  | 42.85 | 39.80 | .65 |
|     |      |       | 10.45 | 40.45 |       |     |

283

|      |      |
|------|------|
| .21  | 5.60 |
| .72  |      |
|      |      |
| .17  | 4.91 |
|      |      |
| .74  |      |
|      |      |
| .23  | 5.36 |
|      |      |
| 1.00 |      |
|      |      |
| .34  | 5.04 |
|      |      |
| .86  |      |
|      |      |
| .12  | 5.40 |
|      |      |
| .55  |      |
|      |      |
| .18  | 5.88 |
|      |      |
| .96  |      |
|      |      |
| .34  | 5.56 |
|      |      |
| .158 |      |
|      |      |
| .65  | 3.05 |
|      |      |

115

116

51

50.90 6.58 44.32 39.64

.56 4.68

39.45

2.22

52

5.65 45.25 39.48

.52 5.77

2.00

10.90 40.00

1.11

11.45 39.45

Bottom N. end sewer in road

0

5.75 45.15

π 3.32 48.47

53

3.79 44.68 39.32

.08 5.36

150

600  
16

54

3.86 44.61 39.16

.19 4.45

1.78

39.36

55

3.95 44.52 39.00

.77 5.52

2.77

8.70 39.77

72 4.87

2.80

56

4.65 43.82 38.95

72 4.87

2.80

8.80 39.67

79 4.99

57

4.60 43.87 38.88

79 4.99

8.80 39.67

117

118

|    |       |      |       |       |
|----|-------|------|-------|-------|
| 58 | 48.47 | 4.39 | 44.08 | 38.81 |
|    |       | 9.00 | 39.47 |       |

|    |  |      |       |       |
|----|--|------|-------|-------|
| 59 |  | 4.57 | 43.90 | 38.72 |
|    |  | 9.75 | 38.72 |       |

|      |      |       |       |       |
|------|------|-------|-------|-------|
| 60 0 |      | 6.42  | 42.05 | 38.63 |
| X    | 5.15 | 47.20 |       |       |
|      |      |       | 38.80 |       |

|    |  |      |       |       |
|----|--|------|-------|-------|
| 61 |  | 3.60 | 43.60 | 38.55 |
|    |  | 8.20 | 39.00 |       |

|    |  |      |       |       |
|----|--|------|-------|-------|
| 62 |  | 4.41 | 42.79 | 38.46 |
|    |  | 7.75 | 39.45 |       |

|      |  |      |       |       |
|------|--|------|-------|-------|
| 63 0 |  | 4.15 | 43.05 | 38.37 |
|      |  | 8.30 | 38.90 |       |

|   |      |       |      |       |
|---|------|-------|------|-------|
| X | 5.19 | 48.24 |      |       |
|   |      |       | 5.09 | 43.15 |

|    |  |      |       |       |
|----|--|------|-------|-------|
| 64 |  | 9.60 | 38.64 |       |
|    |  | 5.58 | 42.66 | 38.20 |

|    |  |      |       |  |
|----|--|------|-------|--|
| 65 |  | 9.80 | 38.44 |  |
|----|--|------|-------|--|

2.69 .

5.27

1.22

5.18

.29

3.42

1.10

5.05

2.67

4.33

2.82

4.68

off end private bridge

1.65

9.87

1.11

4.46

119

120

66

48.24 5.65 42.59 38.11

13

.65

4.48

67

4.90 43.34 38.02

18

.57

5.32

38.20

.36

68 0

4.90 43.34 37.93

61

5.41

10.30 37.94

.74

 $\pi$  2.99 46.33

69

3.15 43.18 37.84

39

5.34

8.10 38.23

1.61

70

9.09 42.24 37.75

98

4.49

8.10 38.23

1.39

71

3.21 43.12 37.66

27

5.56

8.40 37.93

2.02

72 0

3.22 43.11 37.59

81

5.52

 $\pi$  3.79 46.90

8.50 38.40

2.98

73

4.57 42.33 37.50

80

4.83

8.60 38.30

121

122

|    |       |      |       |       |
|----|-------|------|-------|-------|
| 79 | 46.90 | 4.80 | 42.10 | 37.41 |
|    |       | 8.55 | 38.35 |       |

|     |  |      |       |       |
|-----|--|------|-------|-------|
| 750 |  | 4.23 | 42.67 | 37.32 |
|-----|--|------|-------|-------|

|       |      |       |       |  |
|-------|------|-------|-------|--|
| $\pi$ | 4.68 | 47.35 |       |  |
|       |      | 9.20  | 38.15 |  |

|     |  |      |       |       |
|-----|--|------|-------|-------|
| 760 |  | 4.73 | 42.62 | 37.23 |
|     |  | 9.40 | 37.95 |       |

|       |      |       |       |       |
|-------|------|-------|-------|-------|
| $\pi$ | 5.14 | 47.76 |       |       |
|       |      | 5.55  | 42.21 | 37.15 |

|  |  |       |       |  |
|--|--|-------|-------|--|
|  |  | 10.15 | 37.61 |  |
|--|--|-------|-------|--|

|       |      |       |       |       |
|-------|------|-------|-------|-------|
| $\pi$ | 9.63 | 46.84 |       |       |
|       |      | 5.05  | 41.79 | 37.06 |

|     |  |      |       |       |
|-----|--|------|-------|-------|
|     |  | 9.35 | 37.19 |       |
| 790 |  | 4.56 | 42.28 | 36.97 |

|       |      |       |       |  |
|-------|------|-------|-------|--|
| $\pi$ | 4.81 | 47.09 |       |  |
|       |      | 9.50  | 37.34 |  |

|    |  |      |       |       |
|----|--|------|-------|-------|
| 80 |  | 5.40 | 41.69 | 36.88 |
|    |  | 9.65 | 37.44 |       |

3.22

3.26

2.89

2.18

1.65

1.48

5.31

1.72

56

4.81

123

124

8 97.09 6.10 40.99

π 5.93 46.92

810 9.50 42.42 36.80  
✓ 37.40

π 4.35 46.77

820 9.78 41.99 36.71  
✓ 37.45

π 5.33 47.32

830 9.80 42.52 36.62  
✓ 37.48

π 4.08 46.60

84 5.43 41.17 36.53  
9.10 37.50

850 9.46 37.14 36.44

π 9.33 46.47

85 5.61 40.86

860 5.13 41.31 36.35  
9.50 36.97

2.14

125

80 2.72 5.62

5.28

2.89

5.90

3.20

4.64

2.90

4.42  
70

2.28

9.99

126

|     |      |       |             |
|-----|------|-------|-------------|
| π   | 5.17 | 46.51 | 41.39       |
| 870 |      | 5.20  | 41.31 36.27 |
| 1   | 5.18 | 9.70  | 36.85       |
| π   | 5.18 | 46.49 |             |
| 880 |      | 5.07  | 41.42 36.16 |
|     |      |       | 36.75       |
| π   | 4.80 | 46.22 |             |
| 89  |      | 4.91  | 41.31 36.09 |
|     |      | 9.50  | 36.72       |
| 900 |      | 5.17  | 41.05 36.02 |
| π   | 4.12 | 45.17 |             |
|     |      |       | 36.70       |
| 91  |      | 4.30  | 40.87 35.91 |
|     |      | 8.50  | 36.67       |
| 92  |      | 3.98  | 41.19 35.83 |
|     |      | 8.75  | 36.42       |
| 93  |      | 3.95  | 41.22 35.74 |
|     |      | 8.65  | 36.42       |

127

|      |      |      |
|------|------|------|
| 222  |      |      |
| .58  |      | 5.04 |
| 213  |      |      |
| 57   |      | 5.24 |
| 2.33 |      |      |
| 69   |      | 5.22 |
| 2.56 |      |      |
| 70   |      | 5.05 |
| 2.70 |      |      |
| 76   | 2.50 | 4.96 |
| 59   |      |      |
| 2.30 |      | 5.36 |
| 68   |      | 5.98 |

128

|       |       |        |       |       |
|-------|-------|--------|-------|-------|
| 94    | 45.17 | 4.26   | 40.91 | 35.65 |
|       |       | 9.20   | 35.91 |       |
| 95    |       | 4.10   | 41.07 | 35.56 |
|       |       | ✓      | 35.98 |       |
| 96 0  |       | 4.93   | 40.24 | 35.33 |
|       |       | ✓ 9.10 | 35.99 |       |
| π     | 4.05  | 45.09  |       |       |
| 97    |       | 4.68   | 40.91 | 35.29 |
|       |       | 9.35   | 35.74 |       |
| 98    |       | 3.68   | 41.41 | 35.20 |
|       |       | ✓      | 35.80 |       |
| 99    |       | 4.18   | 40.91 | 35.11 |
|       |       | 9.20   | 35.89 |       |
| 100 0 |       | 4.09   | 41.00 | 35.03 |
| π     | 4.00  | 45.00  |       |       |
|       |       | 9.50   | 35.50 |       |
| 100 0 |       | 9.83   | 35.17 | 34.94 |
| π     | 11.10 | 96.27  |       |       |

1.85

32  
1.87

4.26

5.51

4.06

61

1.96

5.52

6.21

5.83

5.97

1.29

5.18  
23

129

130

|       |       |       |       |
|-------|-------|-------|-------|
| 101.  | 46.27 | 6.15  | 40.12 |
| 102   | 6.69  | 39.58 | 34.86 |
|       | 11.10 | 35.17 |       |
| 103   | 5.58  | 40.69 | 34.76 |
|       | 10.80 | 35.47 |       |
| 104   | 5.79  | 40.98 | 37.55 |
|       | 11.25 | 35.02 |       |
| 105   | 5.71  | 40.56 | 34.59 |
|       | 11.00 | 35.27 |       |
| 106 0 | 5.81  | 40.46 | 34.50 |
| π     | 4.50  | 44.96 | 35.20 |
| 107   | 4.15  | 40.81 | 34.42 |
|       | 9.30  | 35.66 |       |
| 108   | 4.80  | 40.16 | 34.33 |
|       | 9.05  | 35.91 |       |
| 109   | 4.89  | 40.07 | 34.24 |
|       | 9.25  | 35.71 |       |

1.40

131.

|      |      |
|------|------|
| 32   | 1.16 |
| 31   | 1.20 |
| 34   | 1.37 |
| 38   | 2.00 |
|      | 5.96 |
| .70  | 3.59 |
| 1.24 | 5.22 |
|      | 5.83 |
| 1.59 | 5.14 |
|      | 5.83 |
| 1.47 |      |

4.73

5.93

5.80

5.97

5.96

6.39

5.83

5.83

132

B.M  
HO

4A.96 5.79 39.17

10.00 34.96

110

4.29 40.67 34.15

9.55 35.41

111

5.34 39.62 34.06

9.90 35.06

112 O

4.18 40.78 33.97

35.10

π 4.61 45.39 46.17

5.70 39.69 33.88

113

10.55 34.84 3

114

5.15 40.24 33.79

10.60 34.79

115 4.27

4.27 41.12 33.11

10.90 34.49

116 O

5.73 39.66 33.6

π 4.50 44.16

V 34.50

7.56

5.03

133

Top concrete header to 16" tile

at 109+40

6.52

Bottom of file

6.28

7.18

1.28

5.56

1.00 5.92

3.92

6.81

1.13

5.92

3.86

5.81

96

5.45

3.64

6.45

1.00 4.95

7.42

.79 4.70

6.05

.89

134

|     |       |       |       |                |      |
|-----|-------|-------|-------|----------------|------|
| 117 | 44.16 | 4.56  | 39.60 | 33.52<br>32.96 |      |
|     |       |       | 35.30 | 33.43          |      |
| 118 |       | 4.26  | 39.90 | 32.00          |      |
|     |       | 9.80  | 35.36 |                |      |
| 119 |       | 4.90  | 39.26 | 33.34<br>32.74 |      |
|     |       | 10.05 | 34.11 |                |      |
| 0   |       | 4.88  | 39.28 |                | 4.78 |
| π   | 4.31  | 43.59 |       |                |      |
| 120 |       | 5.33  | 38.26 | 33.25<br>31.81 |      |
|     |       |       | 34.20 | 33.16          |      |
| 121 |       | 5.35  | 38.24 | 31.84          |      |
|     |       |       | 34.30 | 32.17          |      |
| 122 |       | 5.26  | 38.33 | 31.74          |      |
|     |       | 9.65  | 33.94 | 32.19          |      |
| 123 |       | 5.03  | 38.56 | 31.72          |      |
|     |       | 9.85  | 33.74 | 32.89          |      |
| 124 |       | 5.65  | 37.94 | 31.44          |      |
|     |       | 10.10 | 33.49 |                |      |

7.68

6.18

10.60

6.57

5.92

4.78

5.01

6.80

5.08

8.84

5.26

7.28

5.68

3.78

5.05

135

136

|       |       |       |       |                |      |      |      |
|-------|-------|-------|-------|----------------|------|------|------|
| 125   | 43.59 | 9.90  | 38.69 | 32.81<br>34.00 | 24   | 2.33 |      |
|       |       | 10.55 | 33.04 | 32.71          |      | 2.42 |      |
| 126   |       | 5.00  | 38.59 | 31.64          | 63   |      | 5.88 |
|       |       | 10.25 | 33.34 | 32.82          |      | 3.39 |      |
| 127   |       | 5.21  | 38.38 | 31.48          | 77   |      | 5.76 |
|       |       | 10.20 | 33.39 | 32.53          |      | 4.26 |      |
| 128   |       | 6.23  | 37.36 | 31.94          | 66   |      | 4.83 |
|       |       | 10.40 | 33.19 | 32.44          |      | 6    |      |
| 129   |       | 6.00  | 37.59 | 31.40          | 95   |      | 5.15 |
|       |       | 10.20 | 33.39 | 32.30          |      |      |      |
| B.M.O |       | 1.73  | 41.86 |                |      |      |      |
| π     | 1.70  | 43.56 |       |                |      |      |      |
| 130   |       | 6.05  | 37.51 | 32.35<br>31.99 |      |      |      |
|       |       | 9.95  | 33.61 | 32.26          |      |      |      |
| 131   |       | 5.70  | 37.86 | 31.29          | 90   | 8.95 |      |
|       |       | 10.40 | 33.16 | 32.14          |      |      |      |
| 132   |       | 5.48  | 38.00 | 31.22          | 1.13 | 7.53 |      |
|       |       | 10.28 | 33.31 | 32.00          |      |      | 5.90 |

137

Top center N. parapet to bridge at

roof at 1291.30

5.16

126 Began Noon Aug 29

138

|     |       |      |       |                |    |      |
|-----|-------|------|-------|----------------|----|------|
| 133 | 43.56 | 5.85 | 37.71 | 32.09<br>31.46 | 82 | 7.14 |
|     |       |      | 10.65 | 32.91          |    | 5.62 |

|     |  |  |       |       |                |      |
|-----|--|--|-------|-------|----------------|------|
| 134 |  |  | 6.17  | 37.39 | 32.00<br>31.10 | 1.36 |
|     |  |  | 10.20 | 33.36 |                | 5.39 |

|     |  |       |       |                |    |      |
|-----|--|-------|-------|----------------|----|------|
| 135 |  | 5.64  | 37.92 | 31.91<br>31.84 | 85 | 6.01 |
|     |  | 10.80 | 32.76 |                |    | 7.92 |

|     |  |       |       |                |      |      |
|-----|--|-------|-------|----------------|------|------|
| 136 |  | 6.07  | 37.49 | 31.82<br>31.08 | 1.29 | 5.67 |
|     |  | 10.45 | 33.11 |                |      | 7.85 |

|       |  |       |       |                |    |      |
|-------|--|-------|-------|----------------|----|------|
| 137 0 |  | 6.36  | 37.20 | 31.73<br>30.94 | 83 | 5.47 |
|       |  | 11.00 | 32.56 |                |    |      |

|     |      |       |                |    |      |  |
|-----|------|-------|----------------|----|------|--|
| 138 | 5.25 | 42.45 |                |    | 6.07 |  |
|     | 4.67 | 37.78 | 31.64<br>30.68 | 81 | 6.14 |  |

|     |      |       |       |                |      |  |
|-----|------|-------|-------|----------------|------|--|
| 139 |      | 10.00 | 32.45 | 31.56<br>30.62 | 7.40 |  |
|     | 5.29 | 37.16 |       | 1.19           | 5.50 |  |

|     |      |       |       |                |      |  |
|-----|------|-------|-------|----------------|------|--|
| 140 |      | 9.70  | 32.75 | 31.47<br>30.76 | 9.90 |  |
|     | 5.84 | 36.61 |       | 1.98           | 5.14 |  |
|     | 9.50 | 32.95 |       |                |      |  |

139

140

|       |       |       |       |                |      |       |
|-------|-------|-------|-------|----------------|------|-------|
|       |       |       |       |                |      |       |
| 141   | 92.45 | 5.50  | 36.95 | 31.39<br>30.70 | 1.36 | 10.00 |
|       |       | 9.70  | 32.75 | 31.31          |      | 11.75 |
| 142 0 |       | 5.06  | 37.39 | 30.44          | 1.79 | 6.08  |
|       |       | 9.35  | 33.10 |                |      |       |
| π     | 5.75  | 43.14 |       |                |      | 10.60 |
| 143   |       | 4.89  | 38.25 | 31.22<br>30.88 | 1.07 | 7.03  |
|       |       | 10.85 | 32.29 | 31.14          |      | 7.76  |
| 144   |       | 5.35  | 37.79 | 30.62          | 1.00 | 6.65  |
|       |       | 11.00 | 32.14 | 31.08          |      | 6.95  |
| 145 0 |       | 6.99  | 36.15 | 30.46          | 88   | 5.09  |
|       |       | 11.20 | 31.94 |                |      |       |
| π     | 6.40  | 42.55 |       | 30.98          |      | 6.66  |
| 146   |       | 4.30  | 38.25 | 30.44          | .92  | 7.26  |
|       |       | 10.65 | 31.90 | 30.89          |      | 7.15  |
| 147   |       | 5.00  | 37.55 | 30.74          | 1.01 | 6.66  |
|       |       | 10.70 | 31.85 | 30.81          |      | 7.40  |
| 148   |       | 7.94  | 37.61 | 30.72          | .99  | 6.80  |
|       |       | 31.80 |       |                |      |       |

141

142

|       |       |       |       |                |      |
|-------|-------|-------|-------|----------------|------|
| O     | 42.55 | 10.69 | 31.86 |                | 7.43 |
| P     | 10.28 | 42.14 |       |                | 6.98 |
| 149   |       | 4.43  | 37.71 | 30.73<br>30.22 | 1.82 |
|       |       |       | 31.75 |                | 6.91 |
| 150 0 |       | 5.14  | 37.00 | 30.63<br>30.10 | 8.5  |
|       | 5.33  | 42.33 |       |                | 6.66 |
| 150   |       | 10.85 | 31.18 |                |      |
| 151 0 |       | 5.27  | 37.06 | 30.55<br>30.12 | 9.5  |
|       |       | 31.40 |       |                | 7.36 |
| P     | 5.20  | 42.26 |       |                |      |
| 152   |       | 5.00  | 37.26 | 30.47<br>30.06 | 1.09 |
|       |       | 10.70 | 31.56 |                |      |
| 153 0 |       | 10.70 | 41.56 |                | 7.58 |
| P     | 10.49 | 42.05 |       |                |      |
| 153   |       | 5.75  | 36.30 | 30.39<br>30.44 | 9.6  |
|       |       | 10.70 | 31.35 | 30.31          | 6.66 |
| 154 0 |       | 6.05  | 36.00 | 29.77          | 8.4  |
|       |       | 10.90 | 31.15 |                | 5.69 |

143

144

|      |       |        |       |                |      |
|------|-------|--------|-------|----------------|------|
| 8π   | 5.29  | 41.29  | 5.29  | 36.00          | 6.75 |
| 155  |       | x 5.23 | 36.06 | 30.23<br>29.86 | 1.01 |
|      |       |        | 10.05 | 31.24          | 5.83 |
| o    |       | 10.12  | 31.17 |                | 8.08 |
| π    | 10.15 | 41.32  |       |                |      |
| 156  |       | 4.60   | 36.72 | 30.15<br>29.82 | 1.17 |
|      |       | 10.00  | 31.32 | 30.06<br>29.11 | 8.22 |
| 157① |       | 4.48   | 36.84 | 29.76          | 1.06 |
|      |       | 10.20  | 31.12 |                | 6.78 |
| π    | 4.78  | 41.62  |       |                | 7.96 |
| 158  |       | 4.23   | 37.39 | 29.98<br>29.70 | 1.09 |
|      |       | 10.55  | 31.07 |                | 7.41 |
| 159  |       | 4.90   | 36.72 | 29.90<br>29.64 | 1.07 |
|      |       | 10.65  | 30.97 |                | 6.82 |
| o    |       | 6.47   | 35.15 |                | 78.5 |
| π    | 5.21  | 40.36  |       |                |      |
| 160  |       | 3.73   | 36.63 | 29.81<br>29.50 | .95  |
|      |       | 9.60   | 30.76 |                | 6.82 |

145

146

|      |       |      |       |                           |    |  |
|------|-------|------|-------|---------------------------|----|--|
| 1610 | 90.36 | 4.73 | 35.63 | <sup>29.73</sup><br>29.91 | 97 |  |
|      |       | 9.66 | 30.70 |                           |    |  |

|   |      |       |  |  |  |  |
|---|------|-------|--|--|--|--|
| π | 6.63 | 42.26 |  |  |  |  |
|---|------|-------|--|--|--|--|

|     |  |       |       |                           |    |  |
|-----|--|-------|-------|---------------------------|----|--|
| 162 |  | 4.87  | 37.39 | <sup>29.65</sup><br>29.98 | 81 |  |
|     |  | 11.80 | 30.46 |                           |    |  |

|     |  |       |       |                           |    |  |
|-----|--|-------|-------|---------------------------|----|--|
| 163 |  | 5.54  | 36.72 | <sup>29.57</sup><br>29.77 | 84 |  |
|     |  | 11.85 | 30.41 |                           |    |  |

|       |      |       |       |                           |    |      |
|-------|------|-------|-------|---------------------------|----|------|
| 164 0 |      | 5.73  | 36.53 | <sup>29.48</sup><br>29.56 | 92 | 7.05 |
|       | 5.40 | 91.93 |       |                           |    |      |

|     |  |       |  |  |      |  |
|-----|--|-------|--|--|------|--|
| 161 |  | 30.40 |  |  | 5.70 |  |
|-----|--|-------|--|--|------|--|

|     |  |       |       |                           |    |      |
|-----|--|-------|-------|---------------------------|----|------|
| 165 |  | 4.98  | 36.95 | <sup>29.41</sup><br>29.50 | 62 | 7.54 |
|     |  | 11.90 | 30.03 |                           |    |      |

|       |  |       |       |                           |    |      |
|-------|--|-------|-------|---------------------------|----|------|
| 166 0 |  | 6.15  | 35.78 | <sup>29.33</sup><br>29.29 | 80 | 6.45 |
|       |  | 11.80 | 30.13 |                           |    |      |

|   |      |       |  |  |      |  |
|---|------|-------|--|--|------|--|
| π | 6.33 | 42.11 |  |  | 5.37 |  |
|---|------|-------|--|--|------|--|

|     |  |       |       |                           |    |      |
|-----|--|-------|-------|---------------------------|----|------|
| 167 |  | 5.31  | 36.80 | <sup>29.24</sup><br>29.11 | 67 | 7.56 |
|     |  | 12.20 | 39.91 |                           |    |      |

147

148

|     |       |      |       |                |       |
|-----|-------|------|-------|----------------|-------|
| 168 | 92.11 | 5.78 | 36.33 | 29.16<br>29.12 |       |
|     |       |      |       | 12.00          | 30.11 |

|      |  |      |       |                |  |
|------|--|------|-------|----------------|--|
| 1690 |  | 5.74 | 36.37 | 29.09<br>29.06 |  |
|------|--|------|-------|----------------|--|

|       |      |       |  |  |  |
|-------|------|-------|--|--|--|
| $\pi$ | 4.24 | 90.61 |  |  |  |
|-------|------|-------|--|--|--|

|  |       |       |  |  |  |
|--|-------|-------|--|--|--|
|  | 10.60 | 30.01 |  |  |  |
|--|-------|-------|--|--|--|

|     |  |      |       |       |  |
|-----|--|------|-------|-------|--|
| 170 |  | 5.41 | 35.20 | 29.00 |  |
|-----|--|------|-------|-------|--|

|  |       |       |  |  |  |
|--|-------|-------|--|--|--|
|  | 10.40 | 30.21 |  |  |  |
|--|-------|-------|--|--|--|

|     |  |      |       |       |  |
|-----|--|------|-------|-------|--|
| 171 |  | 4.38 | 36.23 | 28.91 |  |
|-----|--|------|-------|-------|--|

|  |       |       |  |  |  |
|--|-------|-------|--|--|--|
|  | 10.85 | 29.73 |  |  |  |
|--|-------|-------|--|--|--|

|     |  |       |       |  |  |
|-----|--|-------|-------|--|--|
| 170 |  | 11.02 | 29.59 |  |  |
|-----|--|-------|-------|--|--|

|       |       |       |  |  |  |
|-------|-------|-------|--|--|--|
| $\pi$ | 12.21 | 41.80 |  |  |  |
|-------|-------|-------|--|--|--|

|     |  |      |       |       |  |
|-----|--|------|-------|-------|--|
| 172 |  | 5.13 | 36.67 | 28.82 |  |
|-----|--|------|-------|-------|--|

|  |       |       |  |  |  |
|--|-------|-------|--|--|--|
|  | 11.60 | 30.20 |  |  |  |
|--|-------|-------|--|--|--|

|      |  |      |       |       |  |
|------|--|------|-------|-------|--|
| 1730 |  | 5.29 | 36.56 | 28.73 |  |
|------|--|------|-------|-------|--|

|       |      |       |  |  |  |
|-------|------|-------|--|--|--|
| $\pi$ | 4.04 | 89.60 |  |  |  |
|-------|------|-------|--|--|--|

|  |       |       |  |  |  |
|--|-------|-------|--|--|--|
|  | 10.50 | 30.10 |  |  |  |
|--|-------|-------|--|--|--|

|      |  |      |       |       |  |
|------|--|------|-------|-------|--|
| 1740 |  | 3.39 | 37.21 | 28.65 |  |
|------|--|------|-------|-------|--|

|  |       |       |  |  |  |
|--|-------|-------|--|--|--|
|  | 10.65 | 29.95 |  |  |  |
|--|-------|-------|--|--|--|

6.00

95

692

1.21

.62

7.10

1.38

1.47

1.30

11.20

8.56

39.00  
170 - 29.00  
100.00 64  
55 1020  
116 85.00  
~~7.17~~ 15.00  
13.60  
15.30

7.28 115 100.00 87  
19.20 26.1  
8.00 2.9  
8.00 2.51

149

30.63  
29.00  
1.63  
27.37

150

|      |      |       |             |           |
|------|------|-------|-------------|-----------|
|      |      |       |             | 8.35      |
| π    | 3.84 | 41.05 | 37.21       |           |
| 175° |      | 4.45  | 36.60 28.56 | 1.04 8.04 |
|      |      | 11.45 | 29.60       | 7.75      |
| 170° |      | 11.27 | 29.78       |           |
| π    | 1042 | 40.20 |             |           |
| 176  |      | 4.85  | 35.35 28.97 | 1.23 6.88 |
|      |      | 10.50 | 29.70       | 8.22      |
| 177° |      | 4.97  | 35.23 28.38 | 1.00 6.85 |
| π    | 4.55 | 39.58 |             |           |
|      |      | 10.20 | 29.38       | 8.05      |
| 178° |      | 4.84  | 34.74 28.80 | 1.18 6.34 |
|      |      | 10.10 | 29.48       |           |
| π    | 6.00 | 35.48 |             | 8.70      |
| 179  |      | 5.18  | 35.56 28.21 | 1.19 7.35 |
|      |      | 29.40 |             |           |
| π    | 5.88 | 34.86 |             | 8.46      |
| π    | 4.95 | 39.81 |             |           |

151

152

|     |       |       |       |       |      |
|-----|-------|-------|-------|-------|------|
| 180 | 39.81 | 3.50  | 36.31 | 28.12 | 1.09 |
|     |       | 10.60 | 29.21 |       |      |

|   |  |      |       |  |  |
|---|--|------|-------|--|--|
| 0 |  | 3.80 | 36.01 |  |  |
|---|--|------|-------|--|--|

|   |      |       |  |  |  |
|---|------|-------|--|--|--|
| π | 3.48 | 39.49 |  |  |  |
|---|------|-------|--|--|--|

|       |  |       |       |       |     |
|-------|--|-------|-------|-------|-----|
| 181 0 |  | 9.34  | 35.75 | 28.09 | .85 |
|       |  | 10.60 | 28.89 |       |     |

|   |      |       |  |  |      |
|---|------|-------|--|--|------|
| π | 4.81 | 39.96 |  |  | 6.36 |
|---|------|-------|--|--|------|

|   |  |       |       |  |  |
|---|--|-------|-------|--|--|
| 0 |  | 5.28  | 39.68 |  |  |
|   |  | 10.18 | 44.86 |  |  |

|     |  |       |       |       |     |
|-----|--|-------|-------|-------|-----|
| 182 |  | 10.10 | 34.76 | 27.93 | .87 |
|     |  | 91.   | 28.80 |       |     |

|     |  |       |       |       |     |
|-----|--|-------|-------|-------|-----|
| 183 |  | 11.64 | 33.22 | 27.84 | .76 |
|     |  | ✓     | 28.60 |       |     |

|     |  |       |       |       |     |
|-----|--|-------|-------|-------|-----|
| 184 |  | 11.24 | 33.62 | 27.75 | .65 |
|     |  | ✓     | 28.40 |       |     |

|      |  |       |       |       |     |
|------|--|-------|-------|-------|-----|
| 1850 |  | 12.00 | 32.86 | 27.67 | .53 |
|      |  | ✓     | 28.20 |       |     |

|   |       |       |  |  |  |
|---|-------|-------|--|--|--|
| π | 11.71 | 44.57 |  |  |  |
|---|-------|-------|--|--|--|

153

154

|      |       |       |                                 |       |
|------|-------|-------|---------------------------------|-------|
| 186  | 44.57 | 11.69 | 32.88                           | 27.58 |
|      |       | ✓     | 28.10                           |       |
| 187  | 10.00 | 34.57 | 27.49                           |       |
|      |       | ✓     | 28.00                           |       |
| 188  | 11.08 | 33.49 | 27.41                           |       |
|      |       | ✓     | 27.80                           |       |
| 189  | 10.69 | 33.88 | 27.33                           |       |
|      |       | ✓     | 27.60                           |       |
| B.M  | 10.81 | 33.76 |                                 |       |
| 190  | 10.80 | 33.77 | 27. <sup>25</sup> <sub>37</sub> |       |
|      |       | ✓     | 27.250                          |       |
| 191  | 10.25 | 44.32 | 27.17                           |       |
|      |       | ✓     | 27.40                           |       |
| 1920 | 10.68 | 33.89 | 27.09                           |       |
|      |       | ✓     | 27.90                           |       |
| π    | 5.21  | 38.10 |                                 |       |
| 192  |       | 10.70 | 27.90                           | 27.01 |

3.89

155

|    |                                 |
|----|---------------------------------|
| 52 | 5.30                            |
|    | 3.81                            |
| 51 | 7.08                            |
|    | 3.34                            |
| 39 | 6.08                            |
|    | 2.44                            |
| 27 | 6.55<br>189+70 LEAVES R.R.      |
|    | 1.92                            |
| 25 | Top bottom step S side E rising |
| 52 | 6.72                            |
|    | 1.33                            |
| 13 | 7.05                            |
|    | 1.63                            |
| 31 | 6.80                            |
|    | 39                              |

156

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 193   | 38.10 | 4.80  | 33.30 | 26.93 |
|       | 11.15 | 26.95 |       |       |
| 194   | 5.08  | 33.82 | 26.85 |       |
|       | 10.35 | 27.75 |       |       |
| 195   | 4.95  | 33.15 | 26.76 |       |
|       | 11.10 | 27.00 |       |       |
| 196   | 4.30  | 33.80 | 26.67 |       |
|       | ~     | 27.00 |       |       |
| 197 0 | 4.35  | 33.75 | 26.59 |       |
| X     | 3.81  | 37.56 |       |       |
|       | 10.15 | 27.41 |       |       |
| 198   | 4.84  | 32.72 | 26.50 |       |
|       | ~     | 27.30 |       |       |
| 199   | 4.15  | 33.91 | 26.41 |       |
|       | 10.55 | 27.01 |       |       |
| 200   | 3.95  | 33.61 | 26.32 |       |
|       | 10.20 | 27.36 |       |       |

157

|     |      |      |
|-----|------|------|
| .02 | 1.22 | 6.37 |
|     | 3.02 |      |
| 90  |      | 6.17 |
|     | 4.22 |      |
| 24. |      | 6.39 |
|     | 1.74 |      |
| 33  |      | 7.13 |
|     | 426  |      |
| 82  |      | 6.16 |
|     | 6.00 |      |
| 80  |      | 6.22 |
|     | 5.69 |      |
| 60  |      | 7.00 |
|     | 6.07 |      |
| 104 |      | 7.29 |

158

|     |       |       |       |       |
|-----|-------|-------|-------|-------|
| 201 | 37.56 | 4.04  | 33.52 | 26.24 |
|     | 10.70 | 26.86 |       |       |

|     |      |       |       |
|-----|------|-------|-------|
| 202 | 5.18 | 32.38 | 26.75 |
|-----|------|-------|-------|

|       |      |       |
|-------|------|-------|
| $\pi$ | 6.46 | 38.84 |
|-------|------|-------|

|  |       |       |
|--|-------|-------|
|  | 12.10 | 26.74 |
|--|-------|-------|

|     |      |       |       |
|-----|------|-------|-------|
| 203 | 5.65 | 33.19 | 26.07 |
| ✓   |      | 26.60 |       |

|     |       |       |       |
|-----|-------|-------|-------|
| 204 | 4.50  | 34.34 | 25.99 |
|     | 12.30 | 26.54 |       |

|     |      |       |       |
|-----|------|-------|-------|
| 205 | 5.05 | 33.79 | 25.91 |
| ✓   |      | 26.50 |       |

|     |      |       |       |
|-----|------|-------|-------|
| 206 | 4.74 | 34.06 | 25.83 |
| ✓   |      | 26.40 |       |

|        |       |       |       |
|--------|-------|-------|-------|
| 206+75 | 12.40 | 26.49 | 25.77 |
|--------|-------|-------|-------|

6.15-

62      7.28

2.29

5.63

1.96

53      7.12

4.00

55      8.35

4.22

59      7.88

4.30

57      8.23

3.44

67      Temp. 1 min. .67

159

160

~~Thompson~~

T F Eggers -  
sold 30 acres of  
east 70 a piece.  
lay & bound describe  
plat.