

BK. 130 Dr. 16

OFFICE OF COUNTY ENGINEER  
RAMSEY CO. MINN.

X-Sections Survey

Proposed Fire Barn Location

From Gorman At To George St.

Road Acc't. No. ....

Date Filed 2-11-46

File .....

H. A. W.  
L. C.  
C. F.  
A. M.

Proposed Fire Barn Location  
Gorman at George St.  
St. Paul, Minn.

X Sections  
Area North of George

125' West of E Gorman = 0700  
On North Prop. Line

Turned in 11/15/45  
Spotted on Hardshell  
and contoured every 5'  
A. D. C.  
W. J. B.  
H. S. B. Has Hardshell

| Sta  | +    | X      | - | Elev   |
|------|------|--------|---|--------|
| B.M. | 1.82 | 123.21 |   | 121.39 |

0+00

+25

+50

|      |      |        |       |        |
|------|------|--------|-------|--------|
| T.P. | 2.93 | 114.54 | 11.40 | 111.81 |
|------|------|--------|-------|--------|

0+00

0+25

0+50

0+75

0+85



5+9

+

A

-

Elev

11454

1+00

1+10

1+25

1+50

1+65

1+75

2+00

2+25

2+50

[illegible]

| Sta | T | $\bar{X}$ | - | Elev |
|-----|---|-----------|---|------|
|     |   | 11454     |   |      |

2+50

|     |       |        |      |        |
|-----|-------|--------|------|--------|
| T.P | 10.12 | 123.81 | 0.85 | 113.69 |
|-----|-------|--------|------|--------|

|     |      |        |      |        |
|-----|------|--------|------|--------|
| B.M | 2.42 | 123.81 | 2.42 | 121.39 |
|-----|------|--------|------|--------|

0+85 = West Prop Line Gorman

1+00

+10

|     |      |        |      |        |
|-----|------|--------|------|--------|
| T.P | 5.42 | 126.81 | 2.42 | 121.39 |
|-----|------|--------|------|--------|

+25 = ~~X~~ Gorman

+50

+65 = East Prop Line Gorman

+75

17.9  
126.81  
126.81  
126.81

Top Hyd

$$\begin{array}{r} 96.5 \\ 18.0 \\ \hline 200 \end{array} \quad \begin{array}{r} 96.5 \\ 18.0 \\ \hline 192 \end{array} \quad \begin{array}{r} 01.1 \\ 13.4 \\ \hline 191 \end{array} \quad \begin{array}{r} 01.6 \\ 12.9 \\ \hline 162 \end{array} \quad \begin{array}{r} 06.9 \\ 76 \\ \hline 162 \end{array} \quad \begin{array}{r} 07.2 \\ 7.3 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 11.3 \\ 12.5 \\ \hline 175 \end{array} \quad \begin{array}{r} 13.2 \\ 10.6 \\ \hline 150 \end{array} \quad \begin{array}{r} 14.0 \\ 9.8 \\ \hline 125 \end{array} \quad \begin{array}{r} 13.9 \\ 9.9 \\ \hline 100 \end{array} \quad \begin{array}{r} 14.5 \\ 9.3 \\ \hline 75 \end{array} \quad \begin{array}{r} 15.8 \\ 8.0 \\ \hline 50 \end{array} \quad \begin{array}{r} 17.6 \\ 7.5 \\ \hline 43 \end{array} \quad \begin{array}{r} 17.9 \\ 6.4 \\ \hline 42 \end{array} \quad \begin{array}{r} 17.7 \\ 6.1 \\ \hline 25 \end{array} \quad \begin{array}{r} 19.24 \\ 4.8 \\ \hline 0 \end{array}$$

Top ledge

$$\begin{array}{r} 10.1 \\ 12.8 \\ \hline 125 \end{array} \quad \begin{array}{r} 14.1 \\ 9.7 \\ \hline 125 \end{array} \quad \begin{array}{r} 14.2 \\ 9.4 \\ \hline 100 \end{array} \quad \begin{array}{r} 15.1 \\ 8.7 \\ \hline 75 \end{array} \quad \begin{array}{r} 15.5 \\ 8.3 \\ \hline 50 \end{array} \quad \begin{array}{r} 16.3 \\ 7.5 \\ \hline 25 \end{array} \quad \begin{array}{r} 18.6 \\ 5.2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 12.4 \\ 14.4 \\ \hline 128 \end{array} \quad \begin{array}{r} 13.1 \\ 13.7 \\ \hline 125 \end{array} \quad \begin{array}{r} 15.0 \\ 11.8 \\ \hline 100 \end{array} \quad \begin{array}{r} 14.8 \\ 12.0 \\ \hline 75 \end{array} \quad \begin{array}{r} 15.3 \\ 11.5 \\ \hline 50 \end{array} \quad \begin{array}{r} 16.9 \\ 9.9 \\ \hline 25 \end{array} \quad \begin{array}{r} 18.4 \\ 8.4 \\ \hline 18 \end{array} \quad \begin{array}{r} 19.4 \\ 7.4 \\ \hline 0 \end{array}$$

Ledge

$$\begin{array}{r} 11.7 \\ 16.1 \\ \hline 128 \end{array} \quad \begin{array}{r} 12.2 \\ 14.6 \\ \hline 125 \end{array} \quad \begin{array}{r} 14.8 \\ 12.0 \\ \hline 118 \end{array} \quad \begin{array}{r} 11.1 \\ 13.7 \\ \hline 109 \end{array} \quad \begin{array}{r} 14.9 \\ 11.9 \\ \hline 100 \end{array} \quad \begin{array}{r} 14.1 \\ 12.7 \\ \hline 75 \end{array} \quad \begin{array}{r} 15.2 \\ 11.6 \\ \hline 62 \end{array} \quad \begin{array}{r} 14.5 \\ 12.3 \\ \hline 50 \end{array} \quad \begin{array}{r} 16.2 \\ 10.6 \\ \hline 20 \end{array} \quad \begin{array}{r} 20.9 \\ 5.9 \\ \hline 4 \end{array} \quad \begin{array}{r} 20.06 \\ 6.75 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 17.6 \\ 9.2 \\ \hline 122 \end{array} \quad \begin{array}{r} 13.0 \\ 13.8 \\ \hline 115 \end{array} \quad \begin{array}{r} 13.0 \\ 10.9 \\ \hline 100 \end{array} \quad \begin{array}{r} 15.5 \\ 11.3 \\ \hline 100 \end{array} \quad \begin{array}{r} 13.5 \\ 13.3 \\ \hline 87 \end{array} \quad \begin{array}{r} 14.1 \\ 12.7 \\ \hline 75 \end{array} \quad \begin{array}{r} 14.2 \\ 12.6 \\ \hline 66 \end{array} \quad \begin{array}{r} 13.2 \\ 13.6 \\ \hline 63 \end{array} \quad \begin{array}{r} 13.8 \\ 13.0 \\ \hline 50 \end{array} \quad \begin{array}{r} 16.2 \\ 10.1 \\ \hline 41 \end{array} \quad \begin{array}{r} 18.2 \\ 8.6 \\ \hline 25 \end{array} \quad \begin{array}{r} 20.0 \\ 6.8 \\ \hline 20 \end{array} \quad \begin{array}{r} 21.7 \\ 5.1 \\ \hline 8 \end{array} \quad \begin{array}{r} 21.7 \\ 5.1 \\ \hline 4 \end{array} \quad \begin{array}{r} 20.4 \\ 6.4 \\ \hline 0 \end{array}$$

Ledge

$$\begin{array}{r} 18.2 \\ 8.6 \\ \hline 129 \end{array} \quad \begin{array}{r} 18.3 \\ 8.5 \\ \hline 125 \end{array} \quad \begin{array}{r} 18.7 \\ 8.1 \\ \hline 120 \end{array} \quad \begin{array}{r} 16.4 \\ 10.4 \\ \hline 115 \end{array} \quad \begin{array}{r} 15.0 \\ 11.8 \\ \hline 100 \end{array} \quad \begin{array}{r} 14.1 \\ 12.7 \\ \hline 75 \end{array} \quad \begin{array}{r} 13.4 \\ 13.4 \\ \hline 60 \end{array} \quad \begin{array}{r} 15.8 \\ 11.0 \\ \hline 50 \end{array} \quad \begin{array}{r} 16.9 \\ 9.9 \\ \hline 41 \end{array} \quad \begin{array}{r} 18.3 \\ 8.5 \\ \hline 41 \end{array} \quad \begin{array}{r} 20.9 \\ 5.9 \\ \hline 31 \end{array} \quad \begin{array}{r} 21.4 \\ 5.4 \\ \hline 25 \end{array} \quad \begin{array}{r} 21.5 \\ 5.3 \\ \hline 5 \end{array} \quad \begin{array}{r} 20.5 \\ 6.3 \\ \hline 0 \end{array}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

126.81

2+00

+25

+50

B.M

5.42 121.39

Lodge 19.3

$$\frac{7.5}{126}$$

19.4

$$\frac{7.4}{124}$$

22.0

$$\frac{4.8}{119}$$

16.8

$$\frac{10.0}{100}$$

15.3

$$\frac{11.5}{90}$$

14.1

$$\frac{12.7}{75}$$

16.6

$$\frac{10.2}{63}$$

15.9

$$\frac{10.9}{58}$$

21.0

$$\frac{5.8}{40}$$

21.0

$$\frac{5.8}{25}$$

22.1

$$\frac{4.7}{6}$$

20.7

$$\frac{6.1}{0}$$

Top Lodge 19.5

$$\frac{7.3}{125}$$

22.9

$$\frac{3.9}{118}$$

21.7

$$\frac{5.1}{114}$$

21.9

$$\frac{4.9}{100}$$

22.0

$$\frac{4.8}{95}$$

15.9

$$\frac{10.9}{84}$$

16.8

$$\frac{10.0}{75}$$

17.0

$$\frac{9.8}{50}$$

20.7

$$\frac{6.1}{40}$$

21.3

$$\frac{5.5}{25}$$

22.6

$$\frac{4.2}{5}$$

20.91

$$\frac{5.9}{0}$$

Top Lodge 19.1

$$\frac{7.7}{128}$$

20.1

$$\frac{6.7}{125}$$

22.4

$$\frac{4.4}{120}$$

20.3

$$\frac{6.5}{115}$$

20.8

$$\frac{6.0}{100}$$

20.1

$$\frac{6.7}{91}$$

17.5

$$\frac{9.3}{75}$$

17.6

$$\frac{9.2}{60}$$

19.3

$$\frac{7.5}{50}$$

21.7

$$\frac{5.1}{25}$$

21.9

$$\frac{4.9}{3}$$

21.11

$$\frac{5.7}{0}$$

Top Hyd N.W. Co. George & Gorman

