

Dr. 8 - Bk. 108

X

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

_____ Drainage _____ Survey

_____ BALD EAGLE BLVD. WY. _____

Lawton Property

From _____ To _____

Road Acc't. No. 78 _____

Date Filed June 1936

File _____

1
Drainage Survey

Lawton Property

near St. Anthony & Bald Eagle Blvd.

W. H. Carlson
May 14 1936

310

2150

210

1150

140

0150

010 : 2 Approx 2 St. Anthony.

Tarvia 19

Tarvia-N
W.E. 77' ②

+183-F. cor. 24'

+76-E. Ent. -12'

+82 W. end 12" C.M.

+62-E. Cul. 12" C.M.

Tarvia 13'

10'

+48-18" oak 15'

+24-Gate 6'

S. Beg Hedge
+021 Fence Cor 24

Tarvia-13'

+93-E. Ent. 12' Gate

Tarvia 12'

+26-E. 3' Gate

+23-F. Cor. 24'

+17-E. Ent. 10.5' Gate

Tarvia 18'

+97-14" oak 23'

Tarvia-13'

+030- In Fence Cor. 24

+041- W. end Cul. 16

+025-E. end Cul. 17

+023-S. W. Cul. 16 X 76-20

+028- R.R. 22'

+020- Beg. 12" Vit

Tarvia 12'

Lawton

Hedge

10 1/2" C.M.

So. Blvd. Fargo Blvd

12" Vit.

Tarvia-N'

+01-8" 5X E. 76'

Tarvia-13'

W.E. 71'

+87-6" Elm 50'

+61-5" Tw. 5X 48'

+51-5" Oak 21'

Tarvia-12'

+38-12" Oak 32'

+27-6" Ash -41'

+23- End In Rail 19'

+05-16" Oak 21'

Tarvia-11'

W.E. 69'

+58-18" Oak 18'

Tarvia-11'

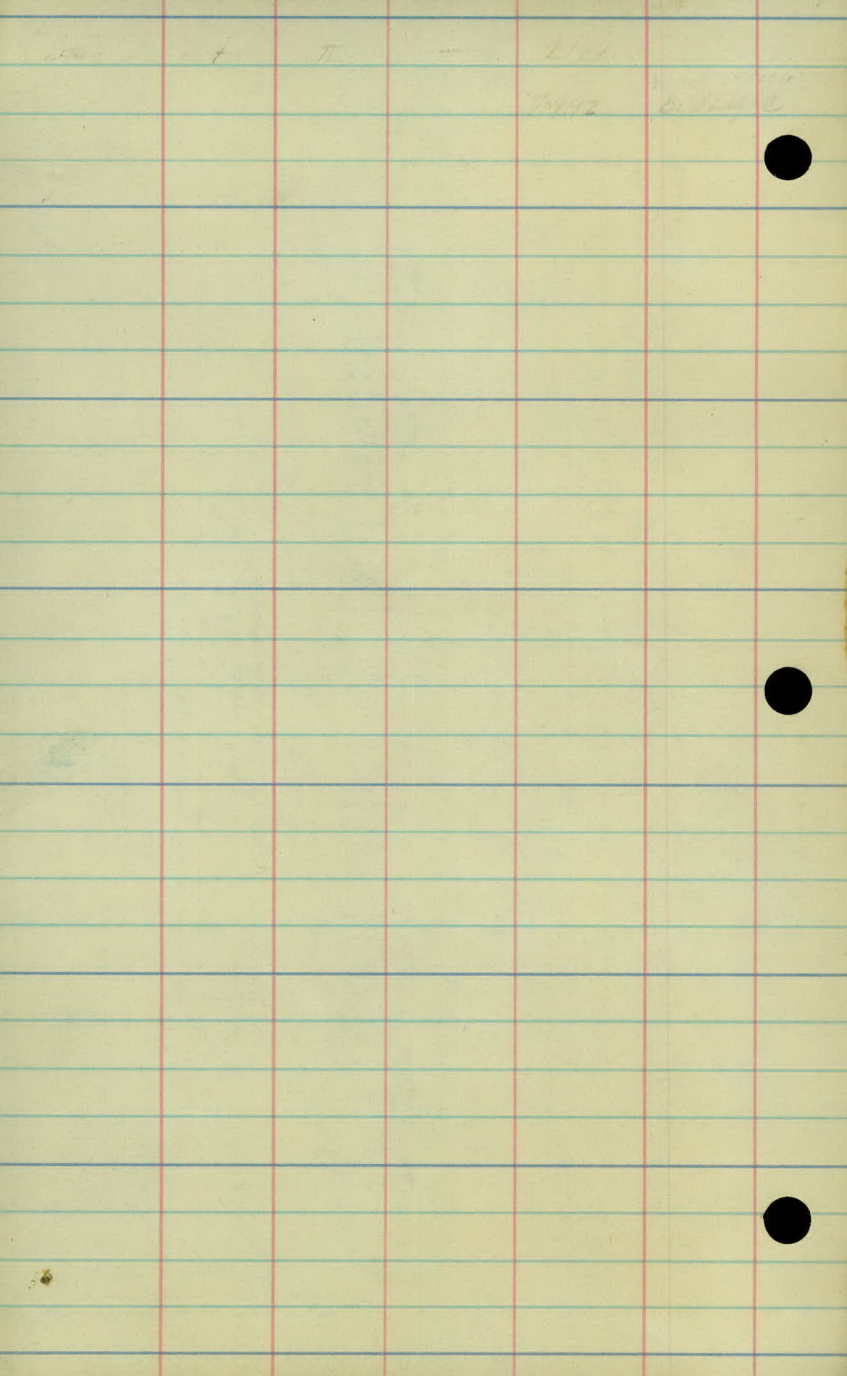
+026 W. End 12" Vit-52

+19-12" Oak 23'

+043- Beg. In Rail 12.5'

Tarvia 12'

W.E. 79'



Levels & Cross Sections-

Sta.

+

T

-

Elev.

12.15

922.07

921.07

909.92

Water Surface
Bald Eagle Is.

B.M. -

340

2150

240

1450

140

0465

0430

0420

040

Top 1. Fence Cor. N.E. Cor. near St. Anthony & Bald Eagle -

$$\begin{array}{r} 4.2 \times 17.9 \\ 13 \\ \hline 5.19 \\ 13 = E. end Culv. \end{array}$$

	18.6	18.0	17.5	18.2	17.2	16.6	909.92
	<u>3.5</u>	<u>4.1</u>	<u>4.6</u>	<u>3.9</u>	<u>4.9</u>	<u>5.5</u>	<u>12.15</u>
Yard	50	24	13		19	40	73
	18.7	18.2	17.3	18.0	17.0	15.9	909.92
	<u>3.4</u>	<u>3.9</u>	<u>4.8</u>	<u>4.1</u>	<u>5.1</u>	<u>6.2</u>	<u>12.15</u>
Yard	50	24	15		17	40	71

	18.4	17.9	17.4	17.9	16.9	16.9	13.6	09.92
	<u>3.7</u>	<u>4.2</u>	<u>4.7</u>					
Yard	50	24	17	42	5.2	5.2	8.5	12.15
					17	52	50	70

	18.2	18.0	17.5	17.8	18.0	16.9	15.8	11.3
	<u>3.9</u>	<u>4.1</u>	<u>4.6</u>	<u>4.3</u>	<u>4.1</u>	<u>5.2</u>	<u>6.3</u>	<u>10.8</u>
Yard	50	22	19	17	13	15	86	60
								69

	18.0	17.7	17.5	17.9	18.1	17.4	15.4	11.6
	<u>4.1</u>	<u>4.4</u>	<u>4.6</u>	<u>4.2</u>	<u>4.0</u>	<u>4.7</u>	<u>6.7</u>	<u>10.5</u>
Yard	50	19	17	13		11	40	60
								70

$$16.9$$

$$0.41 = \left(\frac{5.2}{16} \right) \text{ F. Line W. end of Culv.}$$

	18.6	17.9	18.1	17.5	15.9	13.1	10.8
	<u>3.5</u>	<u>4.2</u>	<u>4.0</u>	<u>4.6</u>	<u>6.2</u>	<u>9.0</u>	<u>11.3</u>
	50	13		11	41	50	70
							W.E

$$13.50$$

$$0.20 \frac{8.57}{45} = \text{hket of 12' Vit.}$$

$$0.176 \text{ outlet of 12' Vit.}$$

$$\frac{11.1}{52}$$

	17.7	18.2	18.4	17.6	15.8
	<u>4.4</u>	<u>3.9</u>	<u>3.7</u>	<u>4.5</u>	<u>6.3</u>
	50	10		12	46

Sta.

+

π

-

Elev.

²
920.07

7462 - Flood Gully.

5.2

916.9

7480

240

1450

140

0450

W.H.B.

(5)

Grade Rd.

Ditch Bot.

cut

May 14, 1986

5.3

4.8

0.5

Remove Oak.

5.4

4.9

0.5

70.28%

1493-Pf. 15" X 20' C.M.

5.5

4.7

0.8

1417-Pf. 15" X 20' C.M.

5.6

4.6

1.0

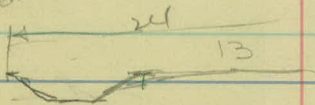
5.7

4.6

1.1

Lower Oak.

fence



$$\frac{52}{70}$$

