

Bk 10 Dr. 14A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

First Av. N.W. - Village No. St. Paul

From 2nd St. N.W. To 1st St. N.W.

Road Acc't. No.

Date Filed 3-16-44

File.

BK 10- D 14A

PLan Survey
First Ave N.W.

From 2nd NW to 1st NW
Village of N. St. Paul.

7-19-43

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HAW

AM

L.C.

Notes rec'd 7/20/43

Sta

Pt

$\Delta L +$

$\Delta R +$

6+56.70

P.O.T.

$\pm$ First St.

0+00

P.O.T.

$\pm$ Second St.

Description

High tree

Hyal



Iron

35.05'

60'

Arch pale

Iron

2720'

Spk

66'

Iron

30

Hyal

High Nut



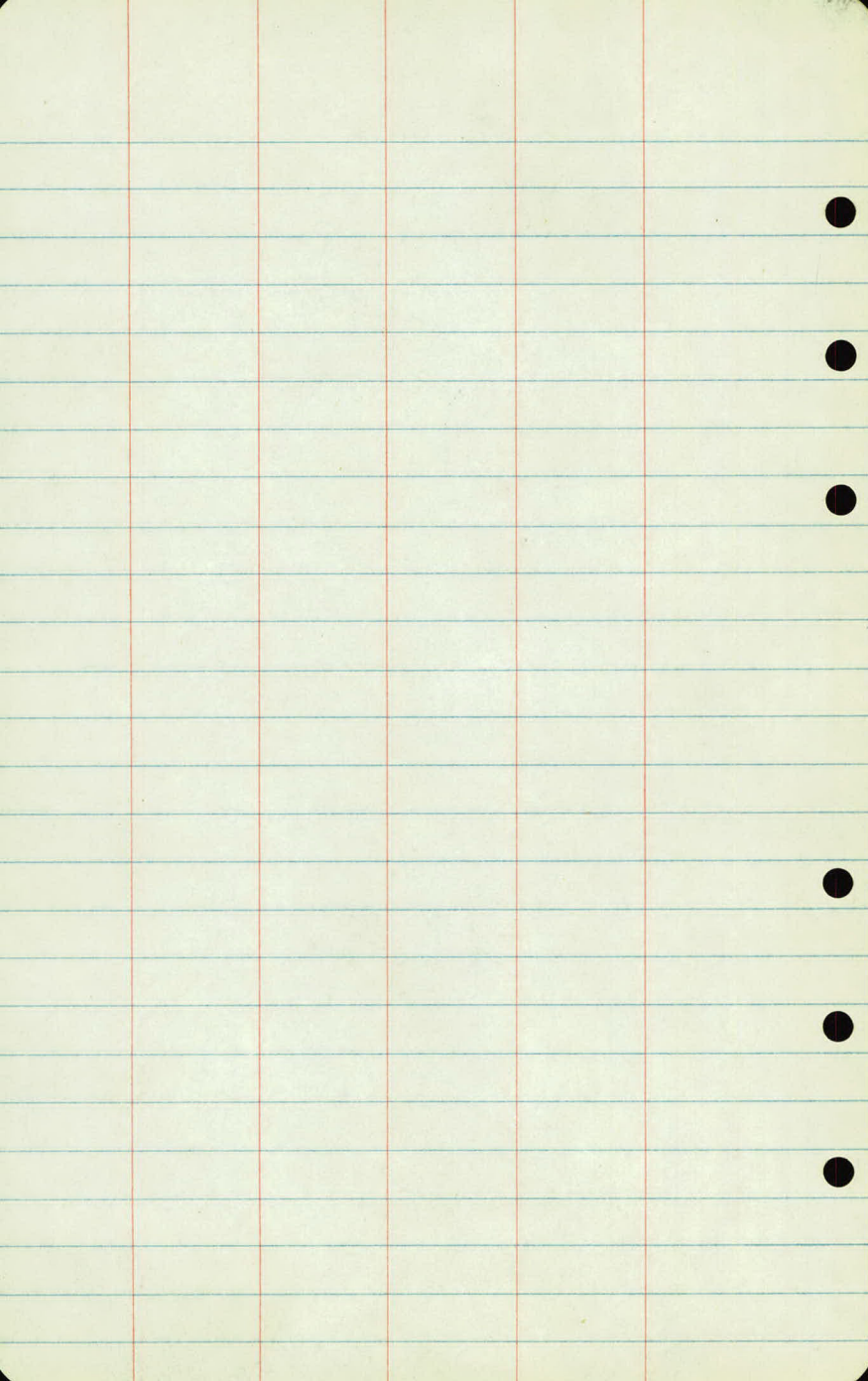
36.19'

30'

Spk

3466'

15" Oak



Topography

1st Ave N.W

7

Rd K6
+68 Edge Rd
+56.7° & 1st NW

24'

+40 x Drain 15" x 48' CM 24

6

14' L

+82 6" Elm 22'

+87 15" Elm 42'

+60 20" Tree 42'

5

15' 4'

+97 Ent

+91 2" Elm 32'

+88 x Hedge 37'

4

11' L'

+90 10" BE 25'

3

14' 5'

2

17' 4'

+98 x Hedge 31'

+82 12" Oak 33'

1

16' 7'

+88 Ent

+80 P.P. 25'

+58 Rge tie Ent

+38 End Rd 14'

+33 End Rd 10'

2-25 Edge Road 61



X sections

Sta	+	Δ	-	Elev	
B.M	4.01	308.16		304.15	No st Pant Datum
0+00				01.4	
				0	
+15				02.0	
+21				02.3	
+21		Top Carb		02.3	
+33				02.8	
+50				03.4	
+52		Top San M.H			
1+00				03.1	
+56				02.5	
+68				02.1	
+70				02.0	
2+00				00.9	

Lt

K

Rt

Top Hxd N.E. Cuv 1st & 2nd Str

$\frac{10.8}{100}$	$\frac{8.5}{50}$	$\frac{7.6}{32}$	6.8	$\frac{6.4}{17}$	$\frac{6.1}{30}$	$\frac{5.5}{50}$	$\frac{3.6}{100}$
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$\frac{8.4}{50}$	$\frac{7.5}{27}$	$\frac{6.6}{12}$	6.2	$\frac{6.1}{19}$	$\frac{5.5}{50}$
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$\frac{6.8}{50}$	$\frac{7.0}{44}$	$\frac{6.9}{25}$	$\frac{7.1}{21}$	$\frac{6.3}{11}$	5.9	$\frac{6.0}{15}$	$\frac{5.8}{27}$	$\frac{5.4}{30}$	$\frac{5.2}{50}$
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303.06 Top - 303.11

5.9	$\frac{5.8}{20}$	$\frac{5.10}{23}$	$\frac{5.05}{30}$	$\frac{5.2}{50}$
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T.C

$\frac{6.1}{50}$	$\frac{6.0}{33}$	$\frac{6.7}{29}$	$\frac{6.1}{13}$	5.4	$\frac{5.6}{9}$	$\frac{5.6}{17}$	$\frac{5.20}{17}$	$\frac{2.8}{27}$	$\frac{1.7}{36}$	$\frac{1.5}{50}$
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T.C 03.14

$\frac{5.5}{50}$	$\frac{5.5}{32}$	$\frac{6.2}{26}$	$\frac{5.5}{14}$	4.8	$\frac{4.9}{7}$	$\frac{5.4}{17}$	$\frac{5.02}{17}$	$\frac{1.6}{30}$	$\frac{0.9}{50}$
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03.67

44.7

1.3

T.C. 03.56

$\frac{6.2}{50}$	$\frac{5.5}{24}$	$\frac{5.6}{12}$	5.1	$\frac{5.1}{17}$	$\frac{4.60}{17}$	$\frac{2.1}{29}$	$\frac{0.9}{50}$
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Top of Lab 04.71

$\frac{6.9}{50}$	$\frac{7.1}{33}$	$\frac{6.4}{18}$	$\frac{6.0}{10}$	5.9	$\frac{5.3}{17}$	$\frac{3.45}{27}$	$\frac{2.12}{37}$	$\frac{1.0}{50}$
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T.C. 02.31

$\frac{7.3}{50}$	$\frac{7.5}{30}$	$\frac{7.0}{16}$	6.1	$\frac{6.2}{10}$	$\frac{6.3}{17}$	$\frac{5.85}{17}$	$\frac{2.8}{31}$	$\frac{1.9}{50}$
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$\frac{7.3}{50}$	$\frac{7.6}{30}$	$\frac{7.0}{16}$	6.2	$\frac{6.2}{9}$	$\frac{6.4}{17}$	$\frac{4.7}{24}$	$\frac{4.9}{30}$	$\frac{3.7}{50}$
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Elev Ground
5+40
01.26 $\frac{6.9}{48}$

$\frac{7.3}{33}$	$\frac{7.6}{24}$	$\frac{8.0}{17}$	$\frac{7.7}{15}$	7.3	$\frac{7.5}{16}$	$\frac{6.9}{18}$	$\frac{7.0}{29}$	$\frac{8.4}{33}$	$\frac{8.0}{50}$
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Sta	+	π	-	Elev
		308.16		

1+52				298.6
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+54				298.6
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+84				96.8
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T.P.	3.85	298.76	1325	294.91
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+88				96.6
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3+00				95.9
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+34				94.5
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+39				94.4
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+65				93.6
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4				93.2
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+50				93.4
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+52				93.4
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5				94.1
T.P.	3.55	297.45	4.86	293.90

Lt

K

Rt

$\frac{9.7}{50}$	$\frac{9.2}{33}$	$\frac{9.1}{23}$	$\frac{10.3}{11}$	$\frac{9.6}{7}$	9.6	$\frac{9.8}{7}$	$\frac{7.1}{21}$	$\frac{8.4}{50}$
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$\frac{9.7}{50}$	$\frac{9.2}{33}$	$\frac{9.1}{23}$	$\frac{10.3}{11}$	$\frac{9.6}{7}$	9.6	$\frac{10.0}{11}$	$\frac{9.8}{33}$	$\frac{10.1}{50}$
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$\frac{13.0}{50}$	$\frac{11.7}{30}$	$\frac{12.3}{18}$	$\frac{11.6}{8}$	11.4	$\frac{11.8}{7}$	$\frac{11.3}{14}$	$\frac{11.4}{50}$
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Top SW Cor Btm Step Ho Lt Sta 3+00

$\frac{4.6}{50}$	$\frac{3.8}{30}$	$\frac{3.4}{18}$	$\frac{2.0}{10}$	2.2	$\frac{2.5}{7}$	$\frac{1.9}{10}$	$\frac{2.0}{21}$	$\frac{2.0}{50}$
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94.46 Elev Ho Lt

$\frac{4.3}{40}$	$\frac{4.2}{18}$	$\frac{3.3}{13}$	2.9	$\frac{3.2}{8}$	$\frac{2.7}{12}$	$\frac{3.1}{18}$	$\frac{3.4}{50}$
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Elev Ho Lt
Sta 3+00
2.7
96.16

$\frac{5.7}{50}$	$\frac{5.1}{35}$	$\frac{4.8}{15}$	4.3	$\frac{4.6}{18}$	$\frac{4.6}{15}$	$\frac{4.9}{26}$	$\frac{4.3}{50}$
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$\frac{8.6}{50}$	$\frac{8.1}{30}$	$\frac{5.1}{25}$	$\frac{4.9}{15}$	4.4	$\frac{4.8}{11}$	$\frac{4.8}{30}$	$\frac{4.3}{50}$
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$\frac{9.5}{50}$	$\frac{9.2}{30}$	$\frac{6.6}{25}$	$\frac{5.6}{14}$	5.2	$\frac{5.2}{8}$	$\frac{5.7}{15}$	$\frac{5.5}{30}$	$\frac{5.3}{50}$
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95.16
Elev Ho Lt
Sta 4

90.56

Elev Cor at
Ho Lt Sta 82

$\frac{9.1}{50}$	$\frac{8.6}{30}$	$\frac{8.1}{25}$	$\frac{6.3}{22}$	$\frac{5.7}{7}$	5.1	$\frac{5.5}{10}$	$\frac{5.2}{37}$	$\frac{5.0}{50}$
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3.6
100Elev Ho Lt
90.46
78

$\frac{9.7}{40}$	$\frac{6.9}{28}$	$\frac{6.4}{16}$	$\frac{5.8}{12}$	5.4	$\frac{5.1}{9}$	$\frac{4.2}{10}$	$\frac{4.1}{24}$	$\frac{3.9}{50}$
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$\frac{7.4}{40}$	$\frac{6.9}{28}$	$\frac{6.4}{16}$	$\frac{5.8}{12}$	5.4	$\frac{5.1}{9}$	$\frac{4.1}{10}$	$\frac{2.8}{24}$	$\frac{1.8}{50}$
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$\frac{6.3}{50}$	$\frac{6.0}{36}$	$\frac{5.6}{20}$	$\frac{5.1}{11}$	4.7	$\frac{4.3}{8}$	$\frac{3.6}{10}$	$\frac{3.0}{19}$	$\frac{1.9}{22}$	$\frac{1.5}{32}$	$\frac{0.9}{50}$
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Sta	+	π	-	Elev
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297.45

5+50

92.5

+70

91.6

6

90.5

+21

89.7

+27

89.5

+40

15" x 48' CM ^{89.3} x Drain

+46

Gutter 89.1

+56

~~1st~~ First St 88.8

B.M

7.8L

289.59

289.59

289.9

L1

K

Rt

98.1

Elevat
to

(88.9)
Gr Elevat
to

$\frac{70}{50}$ $\frac{5.8}{30}$ $\frac{5.4}{15}$ 5.0 $\frac{5.1}{9}$ $\frac{4.1}{11}$ $\frac{3.0}{13}$ $\frac{2.5}{20}$ $\frac{1.4}{22}$ $\frac{.80}{36}$ $\frac{.70}{44}$

8.5 $\frac{80}{50}$ $\frac{7.2}{30}$ $\frac{6.9}{17}$ $\frac{6.3}{12}$ 5.9 $\frac{6.1}{10}$ $\frac{3.7}{15}$ $\frac{3.2}{20}$ $\frac{2.3}{22}$ $\frac{0.7}{32}$ $\frac{.00}{44}$

$\frac{9.2}{50}$ $\frac{8.8}{34}$ $\frac{8.2}{26}$ $\frac{8.1}{15}$ $\frac{7.4}{8}$ 7.0 $\frac{6.9}{11}$ $\frac{4.8}{15}$ $\frac{4.2}{19}$ $\frac{3.0}{22}$ $\frac{1.4}{37}$ $\frac{.08}{50}$

$\frac{9.6}{50}$ $\frac{7.6}{30}$ $\frac{8.4}{13}$ 7.8 $\frac{7.4}{12}$ $\frac{6.5}{19}$ $\frac{2.8}{26}$ $\frac{1.8}{50}$

Top MH
Water Main
86.0
(88.95)

$\frac{10.9}{50}$ $\frac{8.5}{15}$ 8.0 $\frac{7.4}{10}$ $\frac{7.10}{23}$ $\frac{6.15}{50}$ (91.30)

Inv 86.68

(90.35) T.W.

T.Walk

Inv 88.85

$\frac{11.4}{50}$ $\frac{10.77}{24}$ $\frac{9.1}{22}$ 8.2 $\frac{7.5}{24}$ $\frac{6.60}{24}$ $\frac{6.8}{50}$

$\frac{12.0}{50}$ $\frac{11.3}{36}$ $\frac{10.1}{21}$ 8.4 $\frac{7.9}{13}$ $\frac{7.7}{28}$ $\frac{7.3}{50}$

$\frac{12.5}{50}$ $\frac{10.4}{30}$ 8.7 $\frac{7.3}{30}$ $\frac{6.5}{50}$ $\frac{3.6}{120}$

Top Hyd N.E Cor First Ave + First Str
N. S. Paul Datum

