

BK.45 Dr. II A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Drainage Survey
& Profiles

Margaret St. & Hanson Rd.

From..... To.....

Road Acc't. No.....

Date Filed 5-31-49 File.....

1
¢ Profile

¢

Drainage Survey

Hanson Rd & Margaret St

Rec. 3/24/49
L.C.

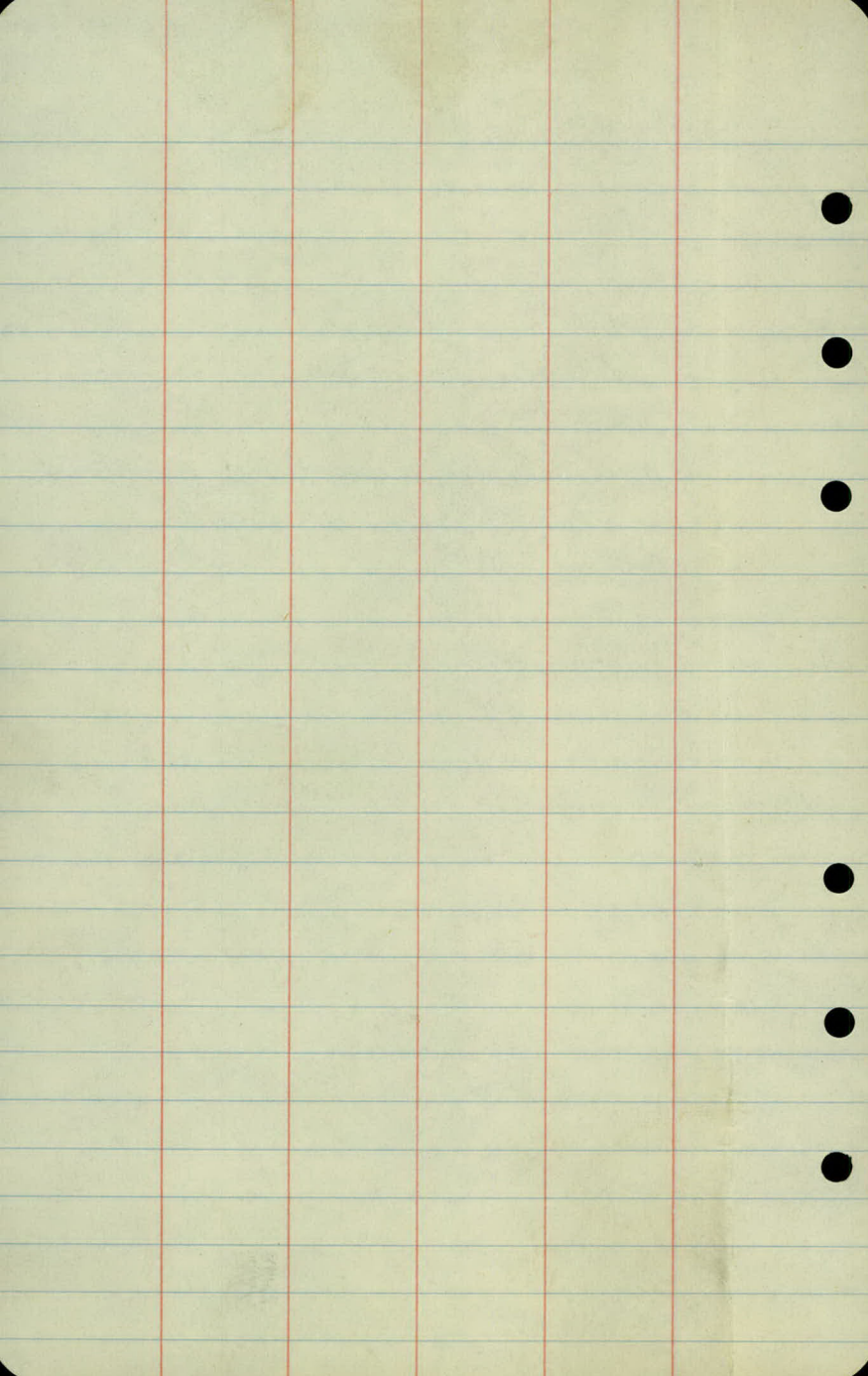
3-23-49

G.B.

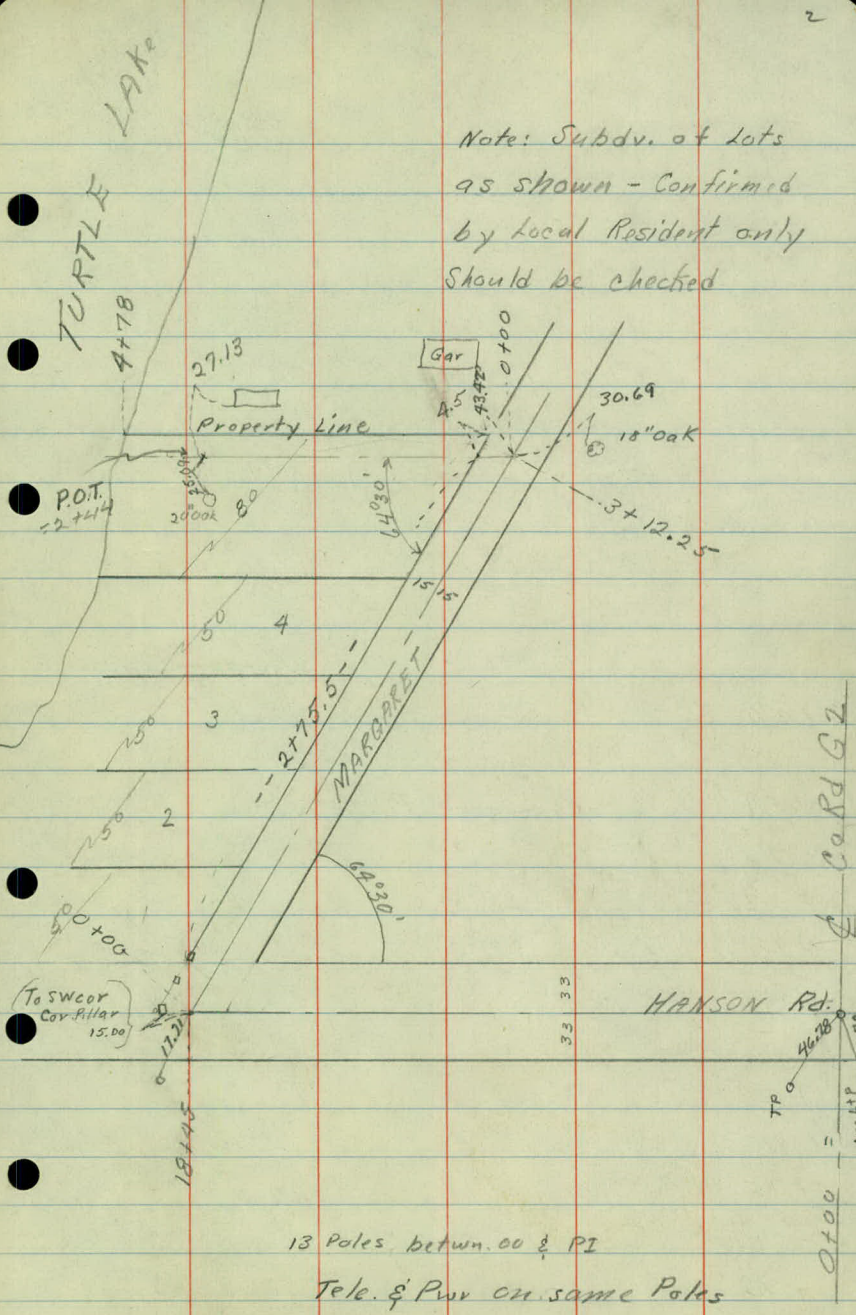
A.N.

B.C.

M.B.



Note: Subdv. of Lots
as shown - Confirmed
by Local Resident only
Should be checked



Sta	+	π	-	Elev
BM	2.82	896.47		893.65
TURTLE Lake			6.07	890.40
	9.28	899.68		890.40
TP	+1350	912.54 912.64	0.64	899.04
	10.40	920.32 920.42	2.62	909.92 910.02

PROPERTY Line Profile

0+00

15.1

+09

edge of Trav. Rd. 14.6

+23

+23

+28

+30

+50

12.9

+75

12.4

+79

+83

+84

2.62

T. 465 3
0.65

Top of outlet Structure NE Cor
(NW side Turtle Lake, Lake Ave - M9)

5.2

12" oak

5.7

12" oak 23

24" oak - 7'

Beg Picket Fe 2'

Beg Hedge 5'

7.4

← top Rock wall

$\frac{9.4}{60}$	$\frac{7.4}{60}$	$\frac{7.4}{50}$	$\frac{7.7}{25}$
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7.9

$\frac{6.9}{14}$	$\frac{6.9}{36}$	$\frac{6.8}{50}$
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end Hedge - 5'

end Picket Fe - 5'

24" oak 4'

Sta + π - E/eo
920.32
920.42

+ 94

+100

13.0

+ 09

+25

14.1

+50

15.7

+54

+68

16.3

+77

+83

+96

+97

2 +00

16.5

4" Elm - 5'

1.3

4" Elm 5'

6.2

4.6

12" Elm - 10'

4.0

6" Pine 5'

12" Elm 5'

SW cor Ho 18'

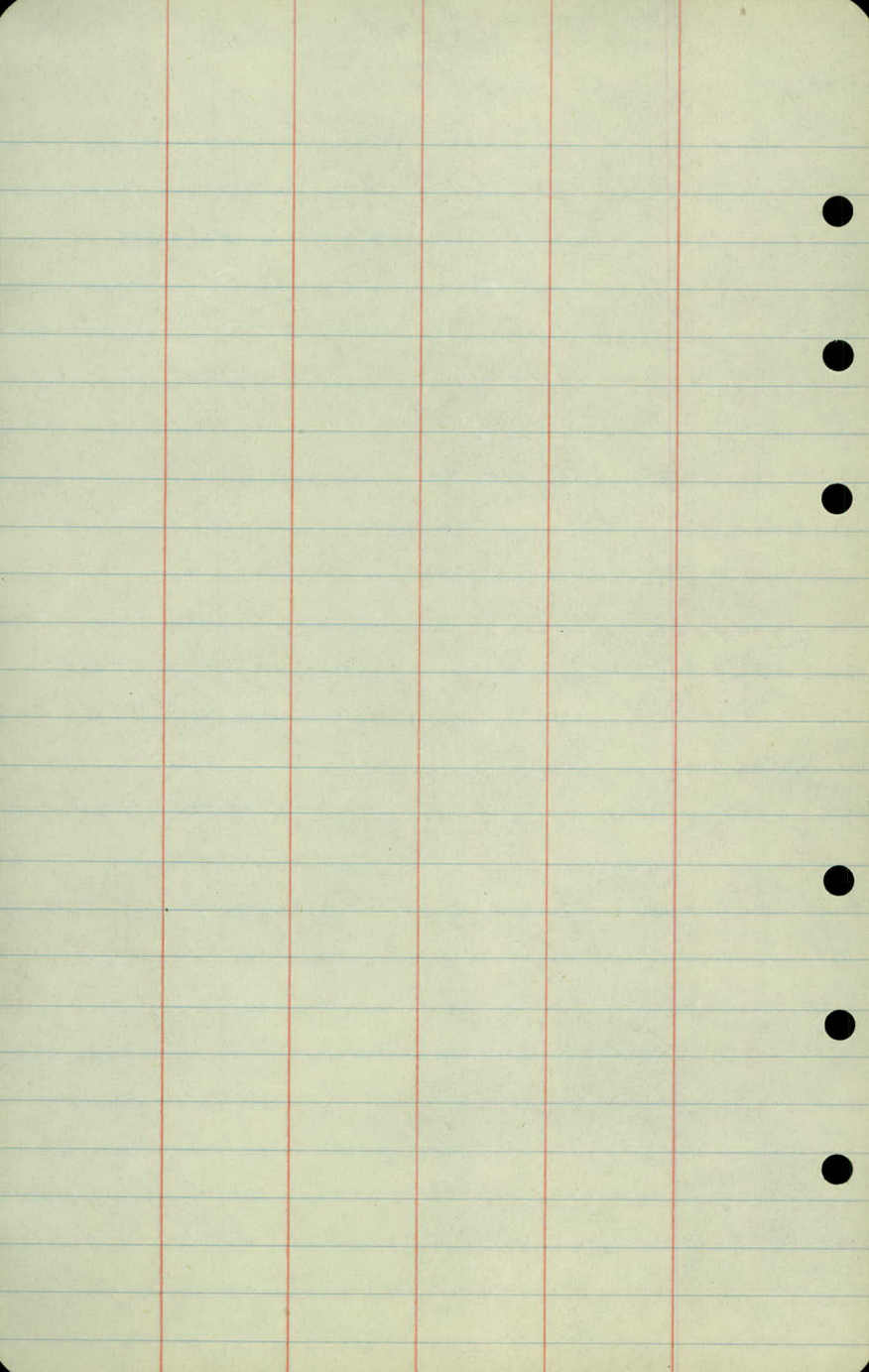
12" Ash - 6'

Stump 8'

3.8

32

46



$\uparrow$
 Elev + ~~920.42~~ ^{920.32} - Elev

2 +09

+20

+24

+35

15.8

+46

+54

14.1

+66

+77

+88

+92

11.3

2+95-

3+27

+25-

3+20

+07

+04

08.0

+02

+20

07.3

TP

3.23 ~~917.19~~ ^{917.09}

18" oak - 9'

18" oak - 2'

8" Elm 8'

4.5 4" ^{M. Ash} ~~Lombardy~~ - 5'

24" oak 12'

3" oak 14'

6.2 3" ^{Ash} ~~Lombardy~~ - 5'

Tw 6" Elm - 6'

pine shrub - 10'

9.0 6" Elm - 5'

6" Pine 8'

Stump 5'

Stump - 5'

6" Elm - 5'

4" Pine 6'

12.3

6" Pine 6'

13.0

H.I. OK

20" Elm

20" Elm

93.2

Edge of Beach. 92.9

92.1

91.5

90.7

Edge of water 90.4 (Top of Ice)

Lt

E

Rt

20" Elm - 5'

Group of 5 Birch - 8'

6.5

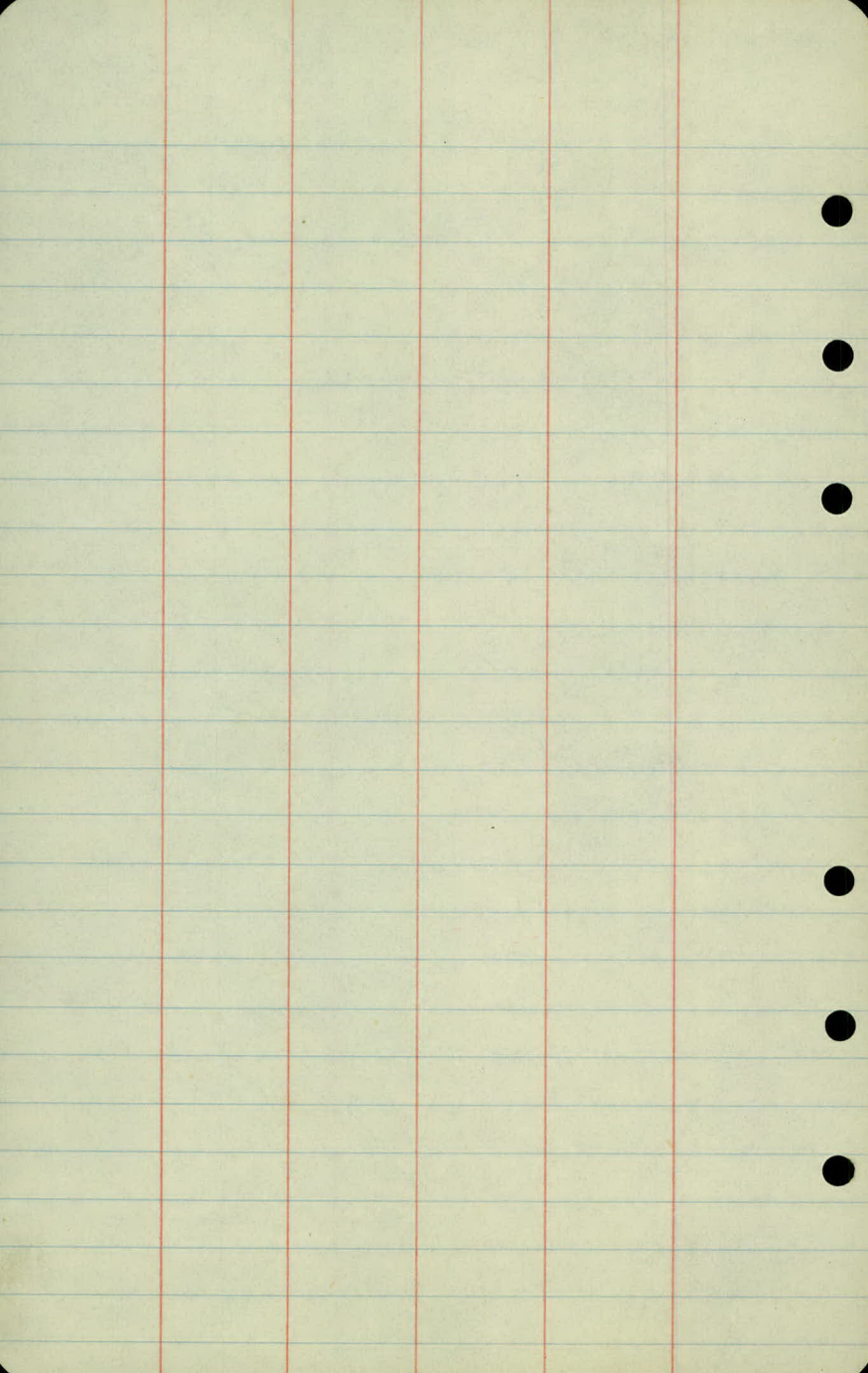
6.8

7.6

8.2

9.0

9.3



Margaret St. Profile

Sta	+	π	-	Elev
T. B.M.	11.83	928.92 929.02		917.09 917.19

0+00				24.9
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+25				24.0
-----	--	--	--	------

+75				20.7
-----	--	--	--	------

1				19.6
---	--	--	--	------

+50				17.9
-----	--	--	--	------

2				16.6
---	--	--	--	------

+50				15.8
-----	--	--	--	------

3				15.3
---	--	--	--	------

PI ³⁺¹⁴				15.1
--------------------	--	--	--	------

+50				15.3
-----	--	--	--	------

4				16.3
---	--	--	--	------

L+

Q

R+

4.0

4.9

8.2

9.3

11.0

12.3

13.1

13.6

13.8

13.4

12.6

Sta	+	π	-	Elev
		928.92		
		929.02		

4+50				16.7
------	--	--	--	------

5+00				16.3
------	--	--	--	------

+ 50				14.8
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B.M.			3.42	925.50 925.60
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T.P.			2.26	926.66 926.76
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12.2

12.6

14.1

Top Bottem hinge pin E Gate Pillar
Margaret St & Hanson St Rd.

HANSON ~~ST~~ PROFILE

Rd

Sta	+	π	-	Elev
T.P.	4.54	931.20 931.30		926.66 926.76

0+00 $\frac{1}{2}$ County Rd. G 17.8

+10 edge of Pav^{B.T.?} 17.8

+50 18.2

+94

1 18.9

50 19.7

2 20.1

50 20.2

3 20.5

50 21.0

4 21.5

50 22.0

5 22.4

L+

Φ

R+

13.4

13.4

13.0

Tel & P. Pole - 16'

12.3

11.5

11.1

11.0

10.7

10.2

9.7

9.2

8.8

Sta	+	π	-	Elev
		931.20		
		931.30		

5+50				23.2
------	--	--	--	------

6				23.9
---	--	--	--	------

+50				24.8
-----	--	--	--	------

7				25.4
---	--	--	--	------

+50				25.8
-----	--	--	--	------

8				26.3
---	--	--	--	------

+50				26.5
-----	--	--	--	------

9				26.7
---	--	--	--	------

+50				26.9
-----	--	--	--	------

10.				26.8
-----	--	--	--	------

+50				26.4
-----	--	--	--	------

11				25.8
----	--	--	--	------

L+

E

R+

8.0

7.3

6.4

5.8

5.4

4.9

4.7

4.5

4.3

4.4

4.8

5.4

Sta	+	$\uparrow$	-	Elev
		931.20 931.30		
11	+50			25.5
12				25.3
	+50			25.3
13				25.4
4P	4.95	930.64 930.74	5.51	925.69 925.79
	+50			25.3
14				25.2
	+50			25.0
15				24.9
	+50			25.0
16				25.3
	+50			25.2
17				24.8

Lt

Q

Rt

5.7

P&Tel Line - 10'

5.9

5.9

5.8

5.3

5.4

5.6

5.7

5.6

5.3

5.4

5.8

Sta	+	π	-	Elev
		930.64 930.74		
17+50				24.3
18				24.2
+38				
+45.6		PI		24.8
+50				25.1
19				24.6
+50				22.5
20				20.2
+50				18.6
21				15.1
BM	0.84	926.34 926.74	5.14	925.50 925.60
				925.50 925.60
TP	0.79	913.48 913.58	13.65	912.69 912.79
TP	0.21	899.96 900.06	13.79	899.79 899.79
Lake			9.58	890.38 890.48
				890.40

6.3

6.4

Power & Tel pole - 17'

5.8

5.5

6.0

8.1

10.4

12.0

15.5

Lower Hinge. E. Pillor Gate
Margaret St & Hansen Rd

