

Book #11, Dr. 14

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN Survey

BANNING AV.- 3RD ST.

From Lake Ave. (61) To Fourth St.
From Cook Ave. To Stewart Av. (61)

White Bear Lake

Road Acc't. No.

Date Filed. 6-23-34

File.

34-WB 2

34-W.B.2

For Alignment

See Proj. 33-W.B.2

BM 3.69 943.59 ✓
0+00

939.90

38.9

+25

38.9

+50

39.0

+75

39.2

1

39.2

+25

39.0

+50

39.0

+669 S. line 1st St

38.9

+969 2nd "

39.1

2

39.1

+269

39.2

+50

39.3

+75

39.3

34-V.H.B.2

spt. in Light Pole S.E. cor. Banning & STH 61

$$\frac{4.8}{30} \quad 4.7 \quad \frac{5.0}{18} \quad \frac{4.7}{30}$$

$$\frac{3.8}{30} \quad \frac{3.8}{23} \quad \frac{4.5}{18} \quad \frac{5.0}{18} \quad 4.7 \quad \frac{5.0}{17} \quad \frac{5.0}{30}$$

$$\frac{3.8}{28} \quad \frac{4.0}{23} \quad \frac{4.6}{18} \quad \frac{5.0}{18} \quad 4.6 \quad \frac{5.1}{19} \quad \frac{4.7}{19} \quad \frac{4.3}{30} \quad 938.9$$

$$\frac{3.9}{28} \quad \frac{4.1}{23} \quad \frac{4.7}{18} \quad \frac{5.2}{18} \quad 4.4 \quad \frac{5.1}{18} \quad \frac{4.7}{18} \quad \frac{4.4}{30} \quad 38.9$$

$$\frac{4.2}{28} \quad \frac{4.3}{23} \quad \frac{4.7}{18} \quad \frac{5.3}{18} \quad 4.4 \quad \frac{5.3}{18} \quad \frac{4.7}{18} \quad \frac{4.6}{30} \quad 38.9$$

$$\frac{4.2}{27} \quad \frac{4.7}{18} \quad \frac{5.2}{18} \quad 4.6 \quad \frac{5.3}{18} \quad \frac{4.7}{18} \quad \frac{4.7}{30} \quad 38.9$$

$$\frac{4.4}{28} \quad \frac{4.7}{18} \quad \frac{5.2}{18} \quad 4.6 \quad \frac{5.4}{18} \quad \frac{4.7}{18} \quad \frac{4.8}{30} \quad 38.9$$

$$\frac{4.5}{27} \quad \frac{4.8}{18} \quad \frac{5.6}{18} \quad 4.7 \quad \frac{5.4}{18} \quad \frac{4.7}{18} \quad \frac{4.8}{30} \quad 38.9$$

$$\frac{4.4}{28} \quad \frac{4.3}{18} \quad 4.5 \quad \frac{5.1}{18} \quad \frac{4.8}{18} \quad \frac{4.7}{30}$$

→ same readings

$$\frac{4.4}{28} \quad \frac{4.4}{24} \quad \frac{4.8}{18} \quad \frac{5.4}{18} \quad 4.4 \quad \frac{5.4}{18} \quad \frac{4.8}{18} \quad \frac{4.8}{30} \quad 38.8$$

$$\frac{4.4}{28} \quad \frac{4.4}{24} \quad \frac{4.8}{18} \quad \frac{5.2}{18} \quad 4.3 \quad \frac{5.2}{18} \quad \frac{4.8}{18} \quad \frac{4.7}{30} \quad 38.8$$

$$\frac{4.5}{28} \quad \frac{4.5}{24} \quad \frac{4.9}{18} \quad \frac{5.3}{18} \quad 4.3 \quad \frac{5.1}{18} \quad \frac{4.9}{18} \quad \frac{4.7}{30} \quad 38.7$$

	+	H.I.	-	Elev
		943.59		

3				39.4
---	--	--	--	------

	+ 25			39.3
--	------	--	--	------

	+50			39.3
--	-----	--	--	------

	+75			39.4
--	-----	--	--	------

4				39.4
---	--	--	--	------

	+25			39.3
--	-----	--	--	------

	+50			39.2
--	-----	--	--	------

	+75			39.0
--	-----	--	--	------

				39.0
--	--	--	--	------

	+26.9	S. line		38.9
--	-------	---------	--	------

	+56.9	± 2nd		38.8
--	-------	-------	--	------

	+86.9	N. line		38.6
--	-------	---------	--	------

6				38.4
---	--	--	--	------

T.P.	0.6	942.66	153	942.06
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✓
942.66

+25

38.4

+50

38.4

+75

38.3

7

38.2

+25

38.1

+50

38.0

+75

37.9

8

37.8

+25

37.8

+50

37.7

⊥ Driveway

+75

37.6

+86.9

S. line

37.7

9+16.9

⊥ 3rd

37.6

Raining P.M.

$\frac{4.4}{28}$ $\frac{4.4}{24}$ $\frac{4.6}{18}$ $\frac{5.1}{10}$ $\frac{4.6}{10}$ 43 $\frac{4.6}{10}$ $\frac{5.2}{18}$ $\frac{4.6}{30}$ $\frac{4.5}{30}$

$\frac{4.5}{28}$ $\frac{4.5}{24}$ $\frac{4.6}{18}$ $\frac{5.2}{11}$ $\frac{4.6}{11}$ 43 $\frac{4.6}{11}$ $\frac{5.2}{18}$ $\frac{4.6}{30}$ $\frac{4.6}{30}$

$\frac{4.6}{28}$ $\frac{4.6}{24}$ $\frac{4.7}{18}$ $\frac{5.2}{10}$ $\frac{4.7}{10}$ 4.4 $\frac{4.7}{10}$ $\frac{51}{18}$ $\frac{4.7}{30}$ $\frac{4.8}{30}$

$\frac{4.6}{28}$	$\frac{4.6}{24}$	$\frac{4.8}{18}$	$\frac{5.3}{10}$	$\frac{4.7}{45}$	$\frac{4.8}{11}$	$\frac{5.2}{18}$	$\frac{4.8}{30}$	$\frac{4.9}{30}$
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$\frac{4.8}{28} \quad \frac{4.8}{24} \quad \frac{4.8}{18} \quad \frac{5.4}{18} \quad \frac{4.7}{11} \quad 4.6 \quad \frac{4.9}{10} \quad \frac{5.4}{18} \quad \overset{37.9}{\frac{4.8}{18}} \quad \frac{5.0}{30}$

$$\begin{array}{r} 4.9 \\ 29 \end{array} \quad \begin{array}{r} 5.0 \\ 18 \end{array} \quad \begin{array}{r} 5.3 \\ 11 \end{array} \quad \begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 5.1 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 18 \end{array} \quad \begin{array}{r} 37.8 \\ 4.9 \\ 30 \end{array}$$

$$\frac{49}{29} \quad \frac{50}{18} \quad \frac{54}{18} \quad \frac{51}{11} \quad 4.8 \quad \frac{52}{15} \quad \frac{52}{18} \quad \frac{37.7}{50} \quad \frac{50}{30}$$

$$\frac{5.0}{29} \quad \frac{5.1}{18} \quad \frac{5.5}{10} \quad 4.9 \quad \frac{5.1}{10} \quad \frac{5.4}{18} \quad \frac{5.1}{18} \quad \frac{4.7}{30}$$

$$\frac{5.1}{30} \quad \frac{5.1 \quad 5.3}{18} \quad 4.9 \quad \frac{5.1}{12} \quad \frac{5.3 \quad 5.0}{18} \quad \frac{37.7 \quad 4.9}{30}$$

$$\begin{array}{r} 5.1 \\ 30 \end{array} \quad \begin{array}{r} 5.1 \\ 24 \end{array} \quad \begin{array}{r} 5.4 \\ 18 \end{array} \quad 5.0 \quad \begin{array}{r} 5.2 \\ 12 \end{array} \quad \begin{array}{r} 5.5 \\ 23 \end{array} \quad \begin{array}{r} 4.9 \\ 30 \end{array}$$

$$\begin{array}{r} \underline{5.2} \\ 30 \end{array} \quad \begin{array}{r} \underline{5.2 \ 5.6} \\ 18 \end{array} \quad \begin{array}{r} \underline{5.4} \\ 14 \end{array} \quad 5.1 \quad \begin{array}{r} \underline{5.3} \\ 12 \end{array} \quad \begin{array}{r} \\ \underline{5.6 \ 5.0} \\ 23 \end{array} \quad \begin{array}{r} 37.7 \\ \\ \underline{5.0} \\ 30 \end{array}$$

$$\begin{array}{r} 52 \\ \underline{30} \\ 22 \end{array} \quad \begin{array}{r} 52 \quad 58 \\ \underline{18} \\ 34 \end{array} \quad \begin{array}{r} 55 \\ \underline{14} \\ 41 \end{array} \quad 50 \quad \begin{array}{r} 53 \\ \underline{14} \\ 39 \end{array} \quad \begin{array}{r} 57 \quad 50 \\ \underline{23} \\ 37 \end{array}$$

$$\begin{array}{r} 4.9 \\ \hline 30 \end{array} \quad 5.1 \quad \begin{array}{r} 5.2 \\ \hline 30 \end{array}$$

42.66

9+46.9

37.4

+75

37.4

10

37.5

+25

37.5

+50

37.4

+75

37.5

11

37.4

+25

37.5

+50

37.4

+75

37.3

12

37.4

+25

37.4

+50

37.3

$$\frac{5.2}{30} \quad \frac{5.4}{20} \quad \frac{6.0}{13} \quad 5.3 \quad \frac{5.5}{13} \quad \frac{6.2}{20} \quad \frac{5.6}{20} \quad \frac{5.5}{20}$$

$$\frac{5.3}{29} \quad \frac{5.5}{18} \quad \frac{5.7}{13} \quad 5.3 \quad \frac{5.7}{14} \quad \frac{6.0}{18} \quad \frac{5.5}{18} \quad \frac{5.6}{30}$$

$$\frac{5.3}{28} \quad \frac{5.6}{18} \quad \frac{5.8}{12} \quad 5.2 \quad \frac{5.5}{11} \quad \frac{6.0}{18} \quad \frac{5.5}{18} \quad \frac{5.5}{28}$$

$$\frac{5.3}{24} \quad \frac{5.5}{18} \quad \frac{5.7}{10} \quad \frac{5.4}{10} \quad 5.2 \quad \frac{5.8}{18} \quad \frac{5.6}{18} \quad \frac{5.5}{28}$$

$$\frac{5.3}{28} \quad \frac{5.6}{18} \quad \frac{5.8}{11} \quad 5.3 \quad \frac{5.6}{10} \quad \frac{5.9}{18} \quad \frac{5.6}{18} \quad \frac{5.5}{28}$$

$$\frac{5.3}{28} \quad \frac{5.6}{18} \quad \frac{5.7}{12} \quad 5.2 \quad \frac{5.6}{14} \quad \frac{6.0}{18} \quad \frac{5.6}{18} \quad \frac{5.4}{28}$$

$$\frac{5.3}{29} \quad \frac{5.6}{18} \quad \frac{5.7}{12} \quad 5.3 \quad \frac{5.6}{11} \quad \frac{5.8}{18} \quad \frac{5.6}{18} \quad \frac{5.4}{29}$$

$$\frac{5.3}{29} \quad \frac{5.3}{24} \quad \frac{5.6}{18} \quad \frac{5.3}{10} \quad 5.2 \quad \frac{5.6}{12} \quad \frac{5.9}{18} \quad \frac{5.6}{18} \quad \frac{5.4}{29}$$

$$\frac{5.2}{29} \quad \frac{5.6}{18} \quad \frac{5.7}{14} \quad 5.3 \quad \frac{5.7}{13} \quad \frac{5.9}{18} \quad \frac{5.6}{18} \quad \frac{5.4}{29}$$

$$\frac{5.4}{28} \quad \frac{5.6}{18} \quad \frac{5.9}{14} \quad 5.4 \quad \frac{5.8}{14} \quad \frac{5.9}{18} \quad \frac{5.7}{18} \quad \frac{5.5}{28}$$

$$\frac{5.5}{24} \quad \frac{5.9}{18} \quad \frac{5.6}{13} \quad 5.3 \quad \frac{5.7}{14} \quad \frac{6.1}{18} \quad \frac{5.7}{18} \quad \frac{5.3}{28}$$

$$\frac{5.5}{24} \quad \frac{5.9}{18} \quad \frac{5.5}{11} \quad 5.3 \quad \frac{5.6}{13} \quad \frac{5.9}{18} \quad \frac{5.7}{18} \quad \frac{5.4}{24}$$

$$\frac{5.5}{24} \quad \frac{5.7}{18} \quad \frac{5.9}{14} \quad 5.4 \quad \frac{5.6}{13} \quad \frac{5.9}{18} \quad \frac{5.7}{18} \quad \frac{5.3}{24}$$

942.66

+79.5

37.4

13 + 09.5 Appx. 2 4th St. 37.3 ✓

BM

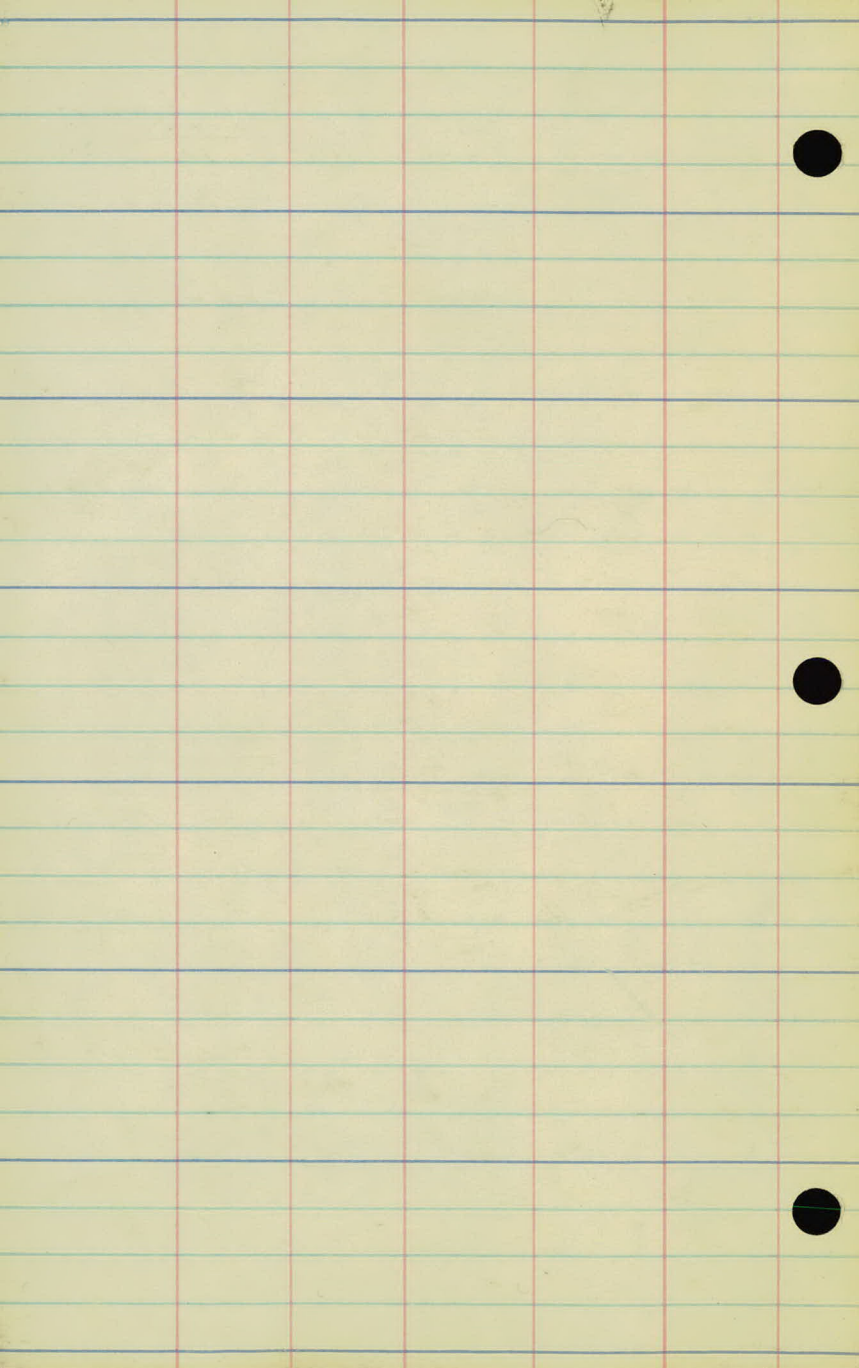
2.10 940.52 940.56

4

$$\frac{5.5}{24} \quad \frac{5.7 \quad 6.1}{18} \quad \frac{5.7}{13} \quad \sqrt{3} \quad \frac{5.5}{14} \quad \frac{6.1 \quad 5.75}{18} \quad \frac{5.3}{24}$$

$$\frac{5.6}{30} \quad 5.4 \quad \frac{5.5}{30}$$

Top Syd NE cor Banning 4 3rd



1934

319 St.

WHITE BEAR LAKE

BM	2.37	942.93	940.56	
0+00			38.0	
+30			37.7	
+50			37.7	
+75			37.8	
1			37.9	
25			37.9	
50			38.0	
75			38.1	
2			38.3	
+25			38.4	
+50			38.4	
+75			38.5	
3			38.6	

Top Hyd. 3rd & Banning

52		56
30	49	30

$$\frac{52}{30}$$

49

$$\begin{array}{r} 5.6 \\ \underline{30} \end{array}$$

$\frac{59}{28}$ $\frac{57}{22}$ $\frac{56}{18}$ $\frac{62}{18}$ 5.2 $\frac{59}{18}$ $\frac{56}{22.5}$ $\frac{56}{28.5}$

37.3

$$\begin{array}{r} 5.5 \\ 28 \end{array} \quad \begin{array}{r} 5.5 \\ 22 \end{array} \quad \begin{array}{r} 5.6 \\ 18 \end{array} \quad \begin{array}{r} 5.2 \\ 11 \end{array} \quad \begin{array}{r} 6.0 \\ 18 \end{array} \quad \begin{array}{r} 5.5 \\ 22.5 \end{array} \quad \begin{array}{r} 5.5 \\ 28.5 \end{array}$$

37.4

$$\frac{54}{28} \quad \frac{54}{22} \quad \frac{54}{18} \quad \frac{58}{51} \quad \frac{54}{11} \quad \frac{58}{18} \quad \frac{54}{22.5} \quad \frac{54}{28.5}$$

37.5

$$\frac{5.3}{28} \quad \frac{5.3}{22} \quad \frac{5.2}{18} \quad \frac{5.7}{50} \quad \frac{5.4}{13} \quad \frac{5.8}{18} \quad \frac{5.2}{22.5} \quad \frac{5.2}{28.5}$$

37.7

$$\begin{array}{r} 5.0 \\ \underline{28} \end{array} \quad \begin{array}{r} 5.0 \\ 22 \end{array} \quad \begin{array}{r} 5.1 \quad 5.5 \\ \underline{18} \end{array} \quad \begin{array}{r} 5.0 \quad 5.2 \\ 13 \end{array} \quad \begin{array}{r} 5.7 \quad 5.1 \\ \underline{18} \end{array} \quad \begin{array}{r} 5.0 \quad 5.0 \\ 22.5 \end{array} \quad \begin{array}{r} 5.0 \\ 28.5 \end{array}$$

378

$$\begin{array}{r} 4.9 \\ 28 \end{array} \quad \begin{array}{r} 4.9 \\ 22 \end{array} \quad \begin{array}{r} 4.9 \\ 19 \end{array} \quad \begin{array}{r} 5.3 \\ 19 \end{array} \quad \begin{array}{r} 4.9 \\ 13 \end{array} \quad \begin{array}{r} 5.0 \\ 13 \end{array} \quad \begin{array}{r} 5.4 \\ 18 \end{array} \quad \begin{array}{r} 4.9 \\ 22.5 \end{array} \quad \begin{array}{r} 4.9 \\ 28.5 \end{array}$$

38.0

$$\frac{44}{28} \quad \frac{44}{22} \quad \frac{48}{18} \quad \frac{53}{18} \quad \frac{50}{13} \quad \frac{5.3}{18} \quad \frac{4.7}{22.5} \quad \frac{4.7}{28.5}$$

38.2

$$\frac{4.4}{28} \quad \frac{4.4}{22} \quad \frac{4.6}{18} \quad \frac{5.2}{46} \quad \frac{5.1}{18} \quad \frac{4.6}{22.5} \quad \frac{4.6}{28.5}$$

38.3

$$\frac{42}{28} \quad \frac{42}{22} \quad \frac{4.5 \quad 5.0}{18} \quad 4.5 \quad \frac{5.1 \quad 4.4}{19} \quad \frac{38.5}{225} \quad \frac{4.4}{285}$$

38.5

$$\frac{41}{28} \quad \frac{41}{22} \quad \frac{43}{18} \quad 45 \quad \frac{48}{18} \quad \frac{43}{18} \quad \frac{42}{22} \quad \frac{42}{28}$$

387

$\frac{4.0}{28}$ $\frac{4.0}{22}$ $\frac{4.2}{18}$ $\frac{4.7}{7}$ 4.4 $\frac{4.8}{18}$ $\frac{4.2}{22}$ $\frac{4.1}{28.5}$

38.8

38.9

94293

3+5569

38.7

+7569 E Stewart Ave. 28.6

BM

237 946.56

Left. $\neq$ Right

39.1

$$\frac{36}{28}$$

$$\frac{36}{22}$$

$$\frac{(3.8 \ 4.4)}{18}$$

$$4.2$$

$$\frac{(4.4 \ 3.8)}{18}$$

$$\frac{3.7}{22.5}$$

$$\frac{3.7}{28.5}$$

$$\frac{4.05}{30}$$

$$4.35$$

$$\frac{4.75}{30}$$

