

BK. 51 Dr. 14

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Profiles Levels Survey

WOOD AVE. 5th St. to 9th St.

SIXTH ST. W. City limits to Campbell,

NINTH ST. " " " to Bald Eagle Ave.

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

In connection with Sanitary Sewer system.

Road Acc't. No.

Date Filed. 7-25-47

File.....

9th St.

1
WOOD AVE.

5th to 9th

Profile levels in connection
with Sanitary Sewer System

White Bear

3-Pages

Sto	+	π	-	Elev
BM	3.94	937.54		933.60

0 + 00 - M.H. of 5th St. ^{Top = 5.11 - 32.43}
 Flow Line $\rightarrow 14.43 - 23.11$

1

2

3

+79.8 = 6th St.

32.5

4

32.3

5

32.2

6

32.7

K.A. 610-47
A.M.
R.F.

15±
E
Trov.
Ed. E

30'

R

2

Spt. in P.P. S.E. Cor. Wood & 6th St.

End of Sewer 8"

M.H. Approx 15' W of E Wood Ave or E of 30' E.W.

32.5
50

32.8
47

32.5
50

32.8
47 50

52

31.5
60

32.8
47 53

31.9
56

33.0
45 48

Sta.	+	π	-	Elev
		937.54		

1				33.1
T.P.	5.17	938.18	4.53	933.01

8.				33.7
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+30 Ground at Ho.

9				33.5
---	--	--	--	------

10				34.2
----	--	--	--	------

11				33.7
----	--	--	--	------

12				33.6
----	--	--	--	------

13				33.7
----	--	--	--	------

+41± 49th St				34.1
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B.M.		3.65	934.53	(934.54)
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30'	15'±	30'
Lt	Trav.	Et
	Ed	

33.3.	33.2.	32.9.
42	43 44	46

33.1.
51 51

34.3.
39
90±

33.6.
46
60±

33.3.	33.5.	34.0.
49	47 47	42

33.6.	34.2.
46 40	(1.0 4.0)

33.5.	33.8.	33.4.
47	44 45	48

33.5.	33.6.
47	46 46
	33.7.
	45 45
	41

33.5.
47

Top SW. Cor. Bottom step at Ha N. of 9th & Wood

sta.	+	π	-	E/ex.
------	---	-------	---	-------

f

 π

—

E/ex.

6th ST

West City Limits to Campbell

Profile levels in connections
with Sanitary Sewer System

White Bear

3- Pages

Sta	+	T	-	Elev.
B.M.	3.94	937.54		933.60

6 th & W City Limits	5.3	32.2
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6 th & St. to North	5.3	32.2
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6 th & St. to North	5.7	31.8
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0 + 100 = 6 th & Wood	5.0	32.5
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1	5.1	32.4
---	-----	------

2	4.6	32.9
---	-----	------

3	3.9	33.6
---	-----	------

4	3.8	33.7
---	-----	------

K.A. 6-10-41
A.M.
P.K. 30

2

L ♀ P

Spr in P.P.S.E. Cor. 6th & Wood Av.

Sta	+	π	-	Elev
		937.54		

5			2.9	33.6
---	--	--	-----	------

		Top = 9.87		33.67
+485 ± M.H. of Campbell		13.93		23.61
		Flow Line		

B.M.			1.63	935.91	(935.86)
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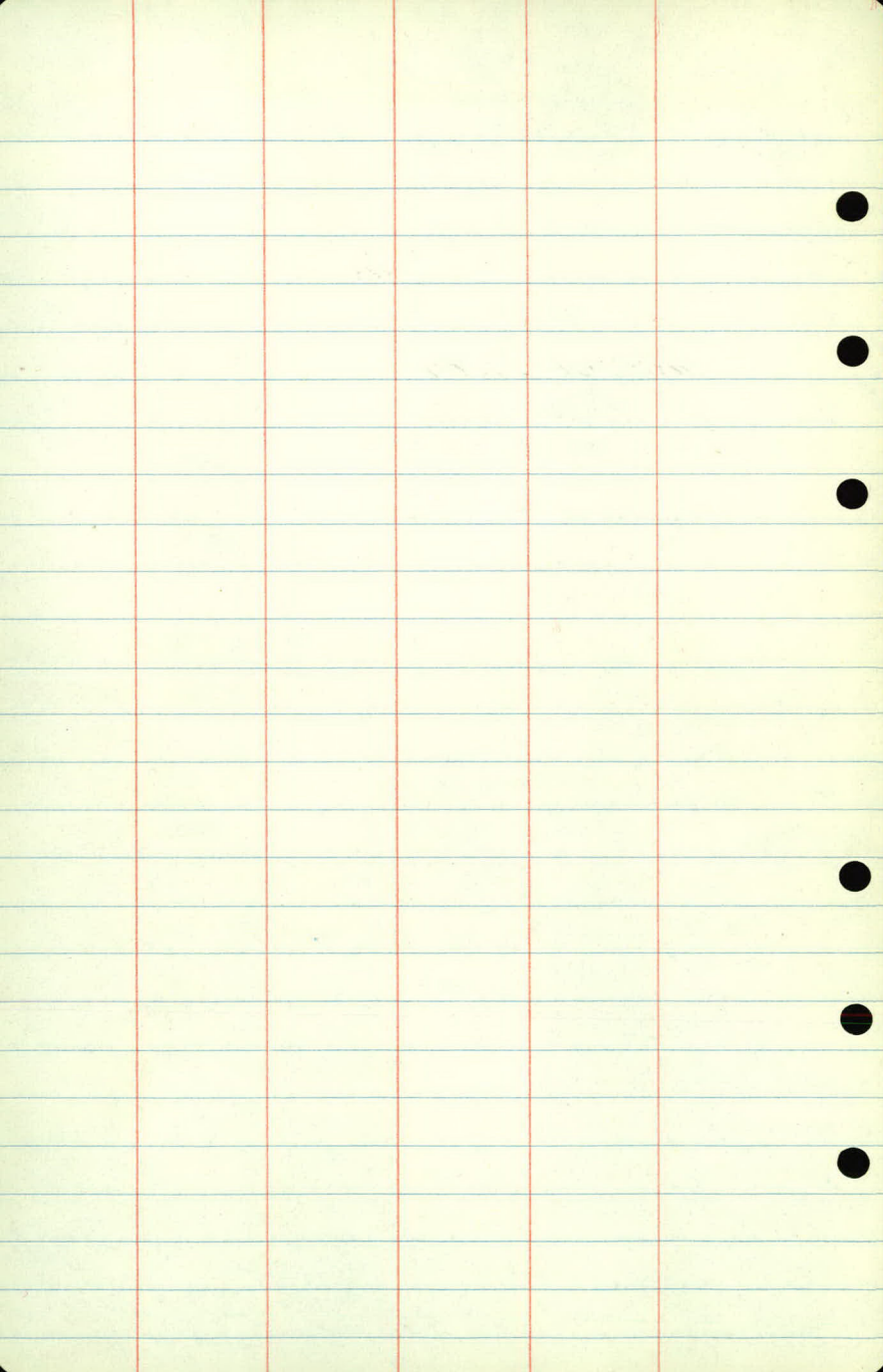
L

E

E

From East goes south
 N.H. 4.5¹/₂ ft. of $\frac{1}{2}$ 6th St. 37

Top N.W. Cor. Bottom step Front of the S.E. Cor.
 6th & Campbell



1
9th St.

West City Limits to Bald Eagle Ave.

Profile levels in connection
with Sanitary Sewer System.

White Bear.

6 Pages

Sta.	+	π	-	Elev.
B.M.	4.34	938.59		(934.25)

0	100 = West City Limits			33.3'
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1				33.5.
---	--	--	--	-------

2				34.0.
---	--	--	--	-------

3				34.4.
---	--	--	--	-------

4				34.8.
---	--	--	--	-------

5				34.3.
---	--	--	--	-------

T.P.	4.65	938.97	4.27	934.32
------	------	--------	------	--------

6				34.4'
---	--	--	--	-------

7				34.5'
---	--	--	--	-------

K.A.
A.M.
P.K.

61047

40 to 60 M.P.H. Winds

2

30.1

4

30.2

Top SW. Cor. Bottom Step of Ho. N.W. Cor. 9¹⁷ 4

33.5

West City Limits

51

53

6.3 32.3

51

33.7

4.9

4.6

33.2

5.4

4.2

34.2

4.4

3.8

34.6

4.0

4.3

33.6

5.4

4.6

34.2

4.8

4.5

Sta	+	π	-	Elev.
		938.97		

8				34.5
---	--	--	--	------

9				33.8
---	--	--	--	------

10				33.9
----	--	--	--	------

175 Ground at Ho. Lt.

11				33.9
----	--	--	--	------

T.P.	4.89	938.85	501	933.96
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12				34.0
----	--	--	--	------

13				34.1
----	--	--	--	------

BM			428	934.57 (934.54)
----	--	--	-----	-----------------

34.2

+15.92 = E Wood Ave

(35.2)

30' L

E

30' L

33.7

5.3

34.2

4.8

4.5

5.2

34.0

5.0

33.4

5.6

5.1

34.2
4.8
9.2

5.1

33.8

5.1

33.7

5.2

4.9

4.8

4.7

(3.7)

Sta	+	π	-	Elev
		938.35		

13 +45 Ground at Ho. Lt.

14				34.0
----	--	--	--	------

15				34.2
----	--	--	--	------

16				34.2
----	--	--	--	------

17				34.4
----	--	--	--	------

+40 Ground at Ho. Lt.

T.P.	5.61	940.53	9.93	934.92
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18				35.3
----	--	--	--	------

19				35.5
----	--	--	--	------

30' L

E

30' R

34.1

48

64

33.7

52

49

33.1

58

47

33.8

5.1

47

34.0

49

45

34.3

46

34.8

57

52

35.5

50

50

Sta	+	π	-	Elev.
		940.53		

19 +55 Ground at Ho

20				35.6'
----	--	--	--	-------

+31 Ground at Ho

21				35.2'
----	--	--	--	-------

22				34.6'
----	--	--	--	-------

23				34.3'
----	--	--	--	-------

24				34.7'
----	--	--	--	-------

T.P.	4.85	939.63	5.75	934.78
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+49.6 M.H. 0.5 Rt

30.6

Q

30.6

35.5
50
42

49

35.3
52

35.2
53
54

53

at Ho
3.8
81 36.7

59

62

58

35.70
3.93 = Top
7.73 = Flow Line
31.90

Sta	+	π	-	Elev
		939.63		

25				35.0
----	--	--	--	------

26				35.6
----	--	--	--	------

+24 M.H. on E

+38.75

35.45

B.M.	1.53	939.94	1.22	938.41
------	------	--------	------	--------

B.M.			2.70	937.24	(937.17)
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L

E

E

46

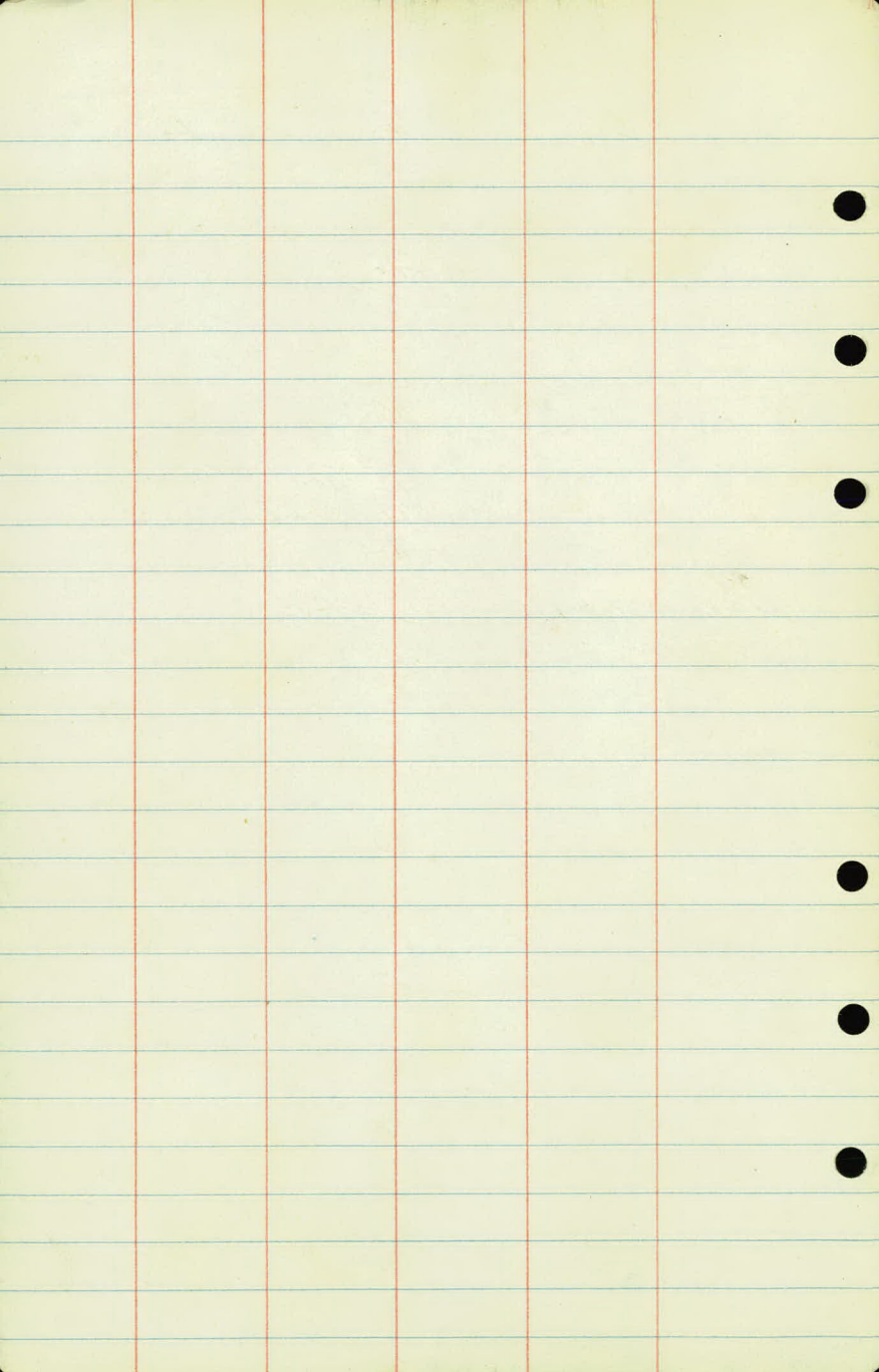
40

42 = TOP - 35.43

94 = FLOW LINE 30.23

418

Top Hyd. S.E. Cor. 9th & Bald Eagle Ave." " 6th & Bald Eagle Ave.



Levels of 6th & Wood west
to Co. ditch

Sta	+	π	-	Elev
B.M.	2.45	936.05		933.60

E Wood & 6 th = 4100	3.3		32.75
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S.W. at low house	4.92		31.13
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E Kreck & 6 th	3.6		32.4
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Sec. Line & 6 th	3.3		32.75
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E Ditch 200' N. of Birch Lake Blvd. N.	8.2		27.85
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$$\begin{array}{r} 30.5 \\ 2.0 \\ \hline 28.5 \end{array}$$

$$\begin{array}{r} 3 \\ 29.8 \end{array}$$

$$\begin{array}{r} 32.7 \\ 29.2 \\ \hline 3.5 \end{array}$$

10-9-49

Spt. 117 PP S.E. Cor 61² & Wood

