

Book #12- Dr. 14

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

.....DRAINAGE.....Survey

.....FIFTH ST......

From BALD E. AVE. To W. B. AVE.

Road Acc't. No.

Date Filed.....

File.....

Elevations of Existing
Storm sewer

Fifth St. - from Bald Eagle Av
to White Bear Av.

Carlson

W. A. Carlson
July 28, 1935

13+225 & Div. St.

9+59 = & White Bear Av.

0+15 & Near hole

0+00 & Bald Eagle

Dir. St.

9+59 White Bear Ave.

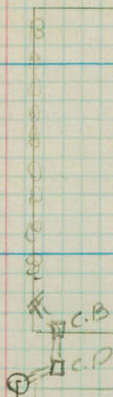
5+78.6 - E.M.H.

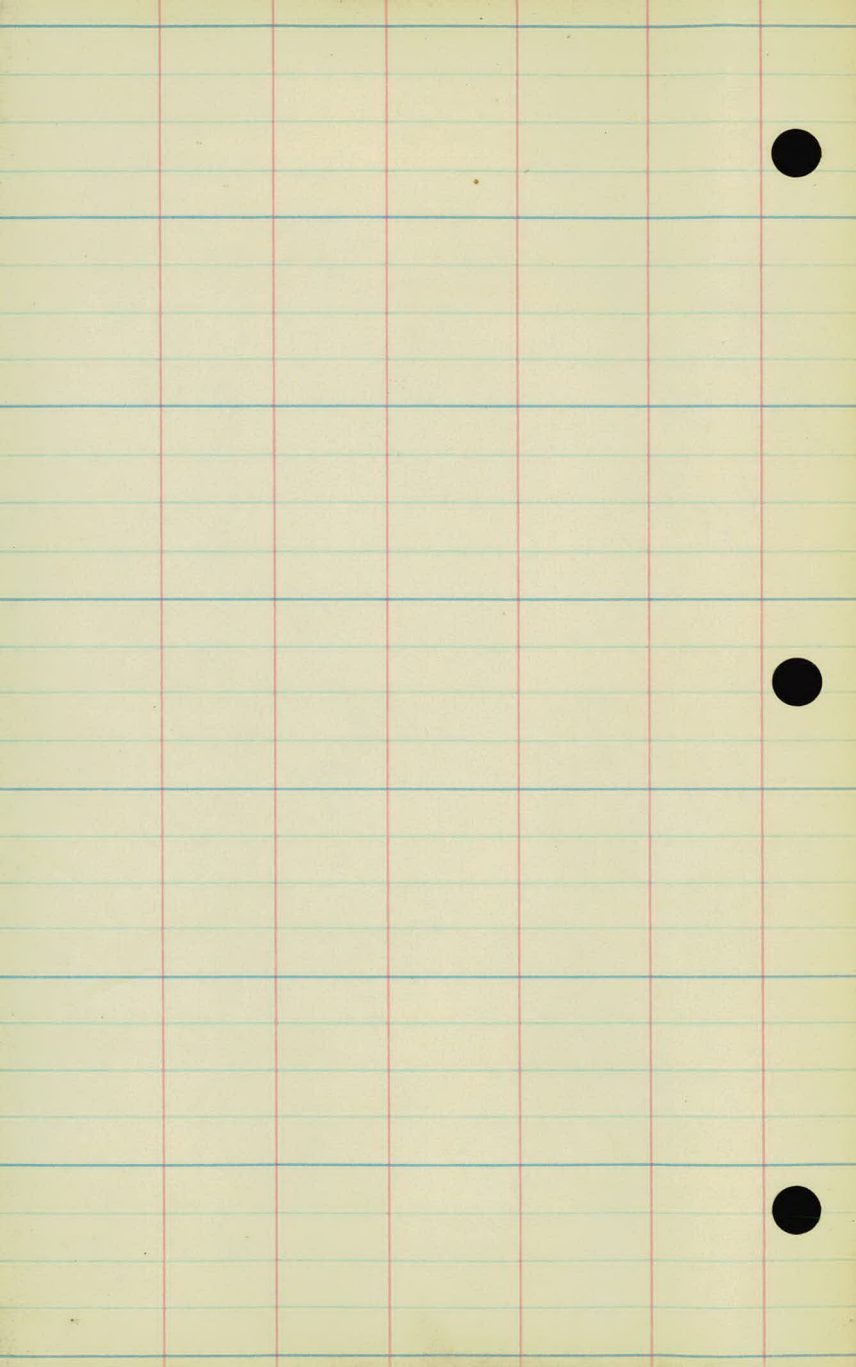
2+20 - E.M.H.

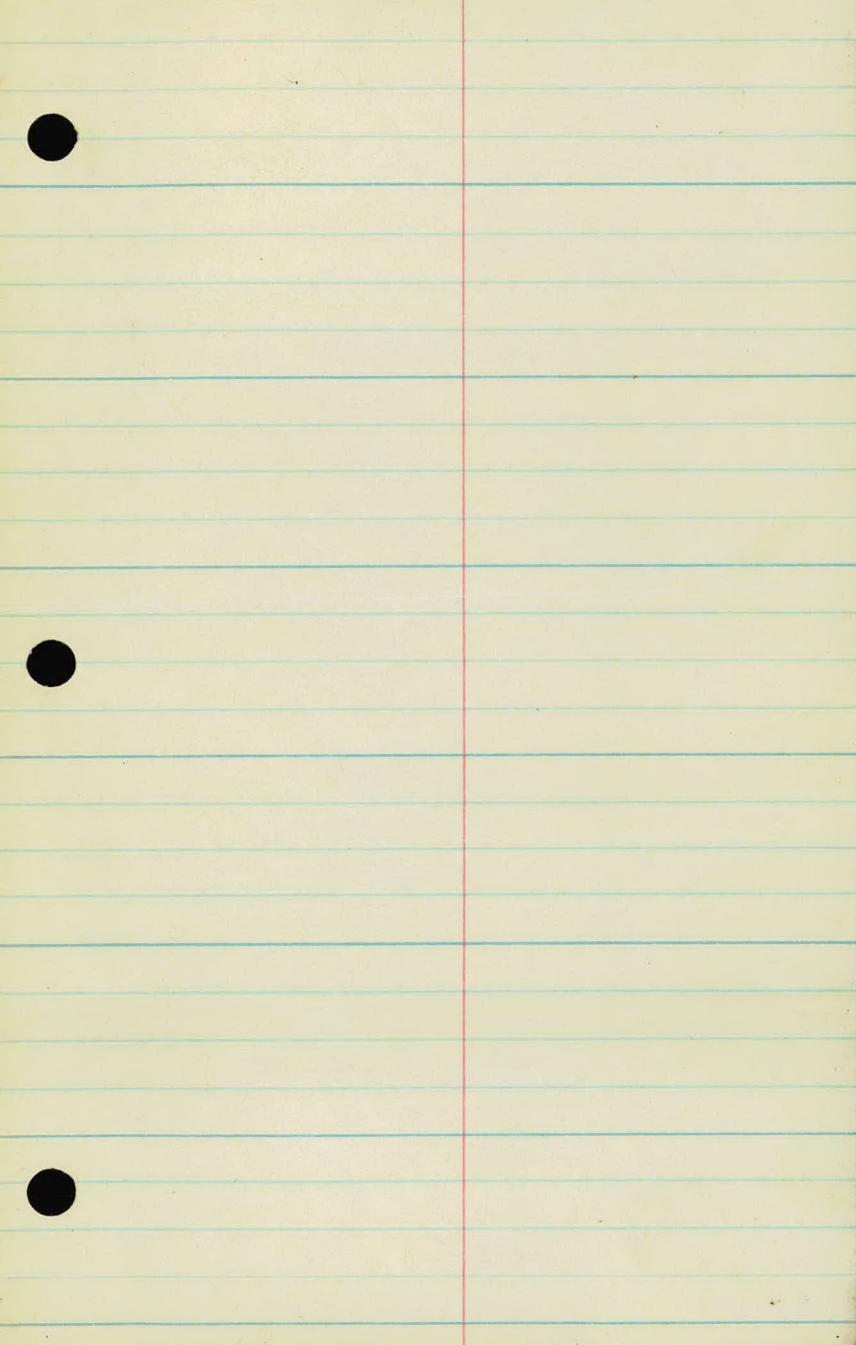
12" Storm Sewer

15" Storm Sewer
Bald Eagle Ave.

15' 15" Storm Sewer
18'







B.M.	3.31	942.15		938.84	
T.P.	3.20	940.61	4.74	937.41	
	1.44	940.17	1.88	938.73	
B.M.			3.19	936.98	
0+15			6.73		33.44
0+15			11.49		28.68
0+15			9.55		30.62
1+0			6.4		33.77
2+0			5.6		34.57
2+20			5.27		34.90
"			8.33		31.84
3+0			5.5		34.67
4+0			5.4		34.77
5+0			5.0		35.17
+78.6			4.85		35.32
"			7.92		32.25
6+0			4.0		36.17
7+0			4.0		36.17
T.P.	1.89	940.62	1.44	938.73	
8+0			4.4		36.22
9+0			4.9		35.72
9+76			4.95		35.67
"			7.85	32.77	
9+89					

Top W. & K. S.W. cor 5th Div.

Top M.H. Ring @ Bald-Eagle Ave.

Flow^{line} of Storm Sewer on Bald Eagle Ave. 15" N.E.

✓ ✓ ✓ ✓ East to Div. 12" - East

Top M.H. Ring

Flow Line

31.00

(9.27 - Bot. M.H.)

Top M.H. Ring

Flow Line

31.32

(8.85 - Bot. M.H.)

Top M.H. Ring.

Flow Line (end of Storm Sewer) (8.8 - Bot. M.H.)

± White Bear So. (there is a jog North)

✓
94062

9+41

9+77

10+0

6.4

34.2

11+0

6.0

34.6

12+0

5.6

35.0

+90

5.0

35.6

13+22.5

3.22

✓
937.40

32.74

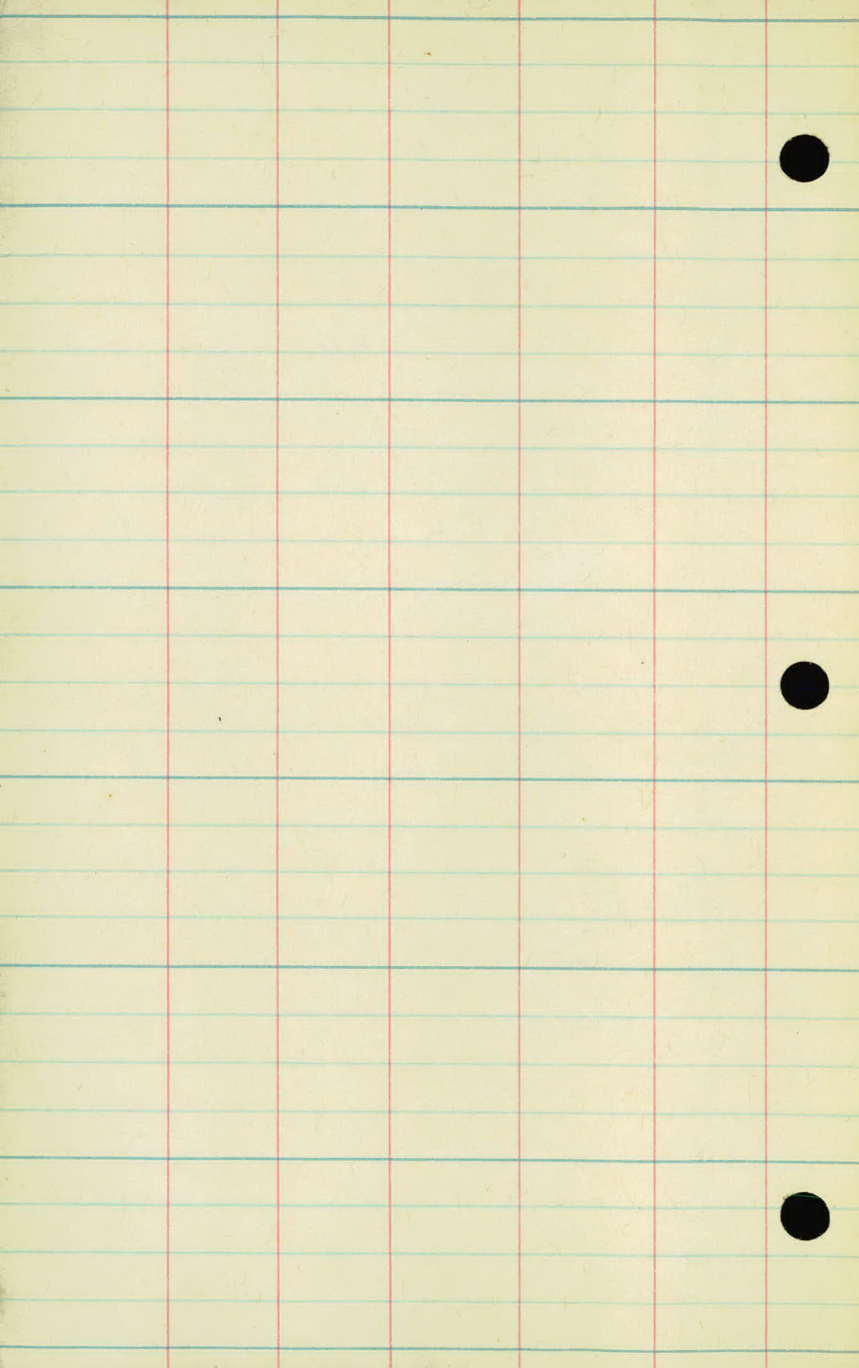
$\frac{7.88}{13.5} = \text{outlet C.B.}$

33.0

$\frac{7.62}{13.5} = \text{outlet C.B.}$

$\approx 10 \text{ / outlet} -$

E Div. St.



$$\text{Male } 37.2 = \text{Din.} \\ .8$$

$$364 = \text{Top C.B. New} \\ - 24$$

$$34.0 = \text{Propoultit} \\ \text{Din}$$

$$\begin{array}{r} 40.17 \\ 11.49 \\ \hline 28.68 \end{array}$$

$$\begin{array}{r} 3.6 \\ \hline 21.28 \end{array} \text{ no}$$

$$\begin{array}{r} 32.77 \\ .23 \\ \hline 33.00 \end{array}$$

$$\begin{array}{r} 955 \\ 833 \\ \hline 1.22 \end{array}$$

$$\begin{array}{r} 1149 \\ 955 \\ \hline 1.94 \end{array}$$

$$\begin{array}{r} 150 \\ 60 \\ 150 \\ 60 \\ \hline 420 \end{array}$$