

Bk. 7 - Dr. 13

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

_____ Plan _____ Survey

_____ SEVENTH ST. (New Brighton) _____

From 3rd Ave _____ To 2nd Ave _____

Road Acc't. No. _____

Date Filed 10-26 _____

File _____

Plan Survey

NEW BRIGHTON

7th St. Between 3rd & 2nd St.

7/20/39

ROP } Party.
AM }
LG }

Transit Notes - 1-2

Topog 3-4

Gross Sections 5-7

Sta.

3125.24 £ 2nd St.

0100 £ 3rd St.

Cor.
Fdm. Ho.

74.90

33.89

P.P.

Tack in 1" x 2"

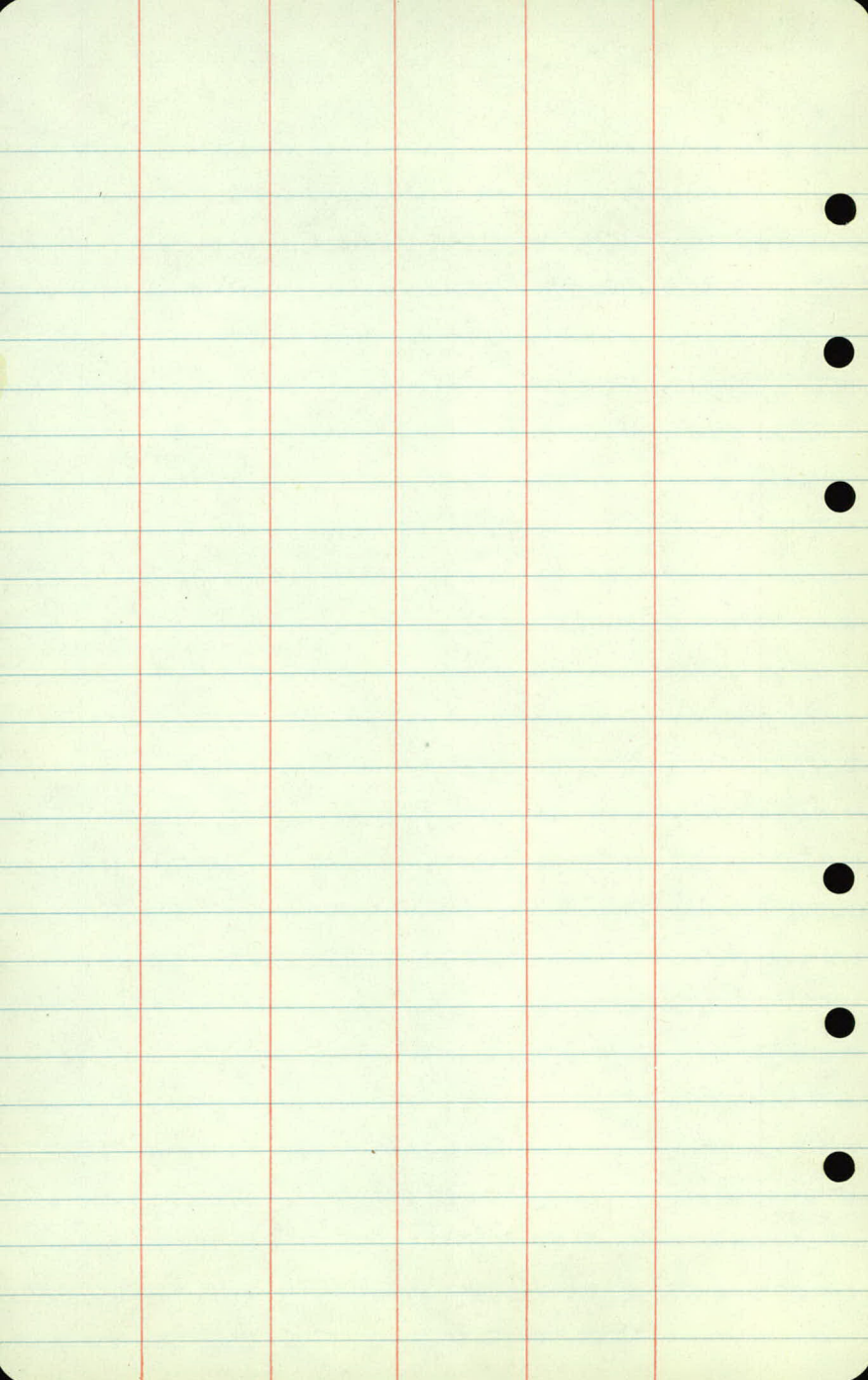
Nail

30.64

41.87

P.P.

Top Hyd.



Topography

7th St.

3rd Ave to 2nd Ave

4

29'

107-15" x 48' C.M.

19'

3

2

8

11

1

10

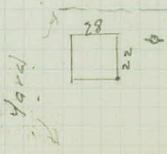
10

0

+16 End Rad 29 20' Blk Top +16 End Rad 25
+00 Beg. Rad 10 --- Rock Grader --- +00 Beg. Rad 11
+03 P.P. 25 --- Rock Grader ---

+56 P.P. - 23'

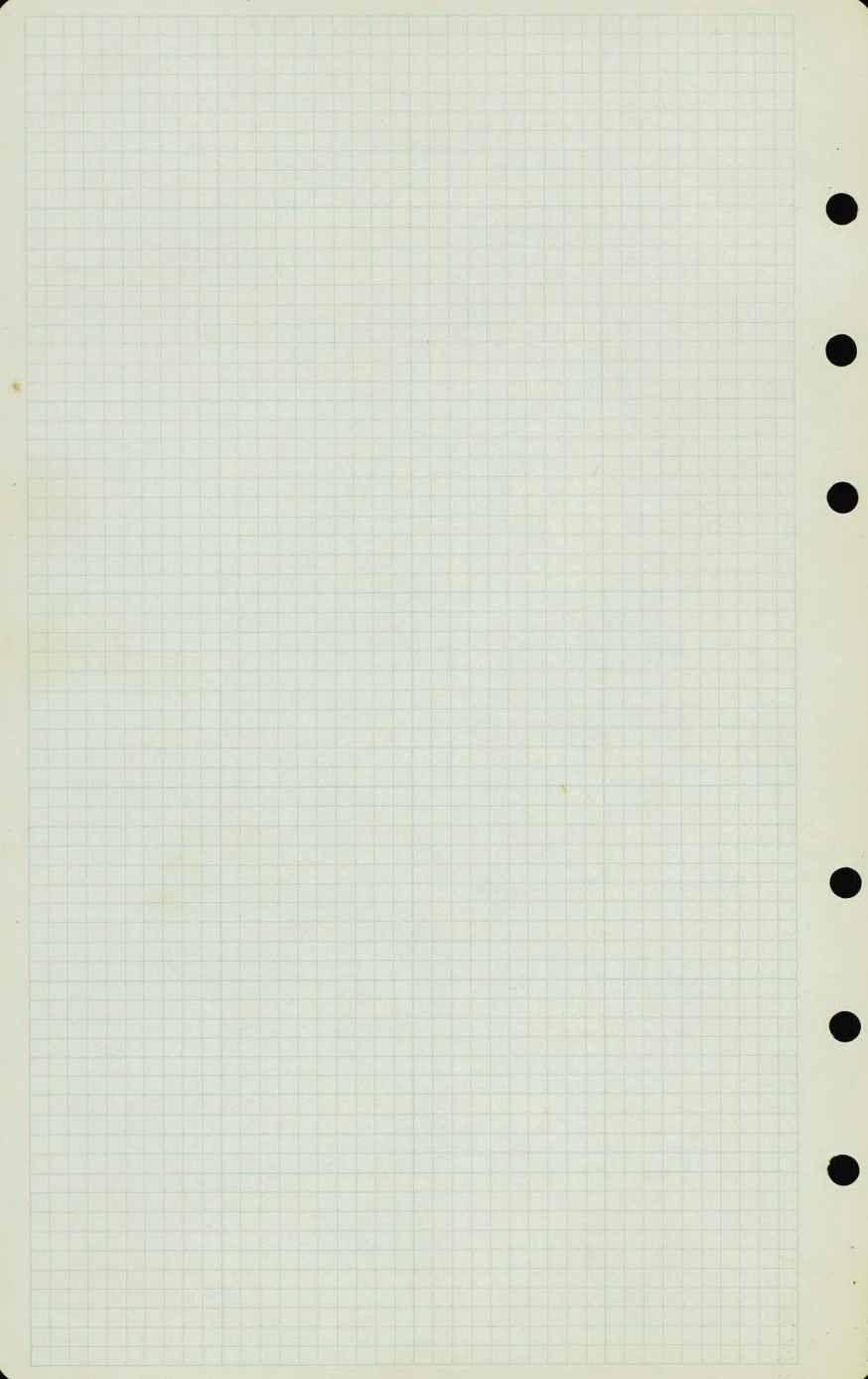
+75 P.P. 22'
+54 Cor. Ho 41



Cult.

Cult.

20' Blk top



Cross Sections

7th St.

3rd Ave. to 2nd Ave

Sta	+	π	-	Elev.
B.M.	2.97	919.45		916.48
0+00			6.3	13.2
+13			6.5	13.0
+19			6.5	13.0
+24			6.6	12.9
+50			7.9	11.6
+88			10.2	09.3
1+00			11.0	08.5
T.P.	3.13	910.94	11.64	907.81
1.				02.4
+50			6.0	04.9
2			8.3	02.6
+27			8.9	02.0
+32	New Fill -		8.9	02.0

917.67

(6)

5th E 7th St.

Top Hyd. cor. 4th Ave. E 7th St.

$\frac{10.6}{50}$ $\frac{8.0}{21}$ $\frac{4.2}{33}$ $\frac{3.1}{50}$
6.3

$\frac{10.4}{50}$ $\frac{7.7}{15}$ $\frac{5.2}{20}$ $\frac{3.3}{50}$
6.5

$\frac{11.8}{50}$ $\frac{10.6}{24}$ $\frac{7.2}{15}$ $\frac{5.7}{17}$ $\frac{4.9}{22}$ $\frac{5.8}{25}$ $\frac{4.1}{26}$ $\frac{1.1}{50}$
6.5

$\frac{11.5}{50}$ $\frac{10.9}{25}$ $\frac{7.4}{15}$ $\frac{6.1}{14}$ $\frac{7.2}{17}$ $\frac{3.2}{20}$ $\frac{1.3}{29}$ $\frac{1.3}{50}$
6.6

11.8 Ground at House

$\frac{11.9}{50}$ $\frac{11.5}{25}$ $\frac{8.2}{15}$ $\frac{8.4}{12}$ $\frac{7.9}{10}$ $\frac{7.9}{15}$ $\frac{8.7}{17}$ $\frac{4.4}{19}$ $\frac{3.1}{20}$ $\frac{1.1}{50}$
7.9

$\frac{13.7}{50}$ $\frac{12.4}{19}$ $\frac{10.6}{14}$ $\frac{11.0}{10}$ $\frac{10.3}{14}$ $\frac{11.1}{16}$ $\frac{6.8}{19}$ $\frac{4.7}{28}$ $\frac{1.1}{50}$
10.2

$\frac{11.0}{11.0}$ $\frac{11.7}{12}$ $\frac{7.5}{16}$ $\frac{6.3}{19}$ $\frac{4.1}{27}$ $\frac{1.1}{41}$ $\frac{1.1}{50}$
11.0

$\frac{12.2}{50}$ $\frac{8.0}{29}$ $\frac{6.2}{21}$ $\frac{2.7}{14}$ $\frac{3.2}{9}$ $\frac{0.2.4}{0.2.4}$

$\frac{17.6}{50}$ $\frac{13.1}{26}$ $\frac{6.2}{13}$ $\frac{6.5}{10}$ $\frac{6.2}{6.0}$ $\frac{6.6}{12}$ $\frac{3.7}{15}$ $\frac{0.7}{18}$ $\frac{0.7}{25}$ $\frac{0.7}{50}$

$\frac{19.8}{50}$ $\frac{17.9}{31}$ $\frac{12.8}{21}$ $\frac{8.2}{13}$ $\frac{8.7}{11}$ $\frac{8.4}{12}$ $\frac{8.9}{16}$ $\frac{7.3}{19}$ $\frac{6.1}{22}$ $\frac{4.4}{40}$ $\frac{1.1}{50}$
8.3

$\frac{19.6}{50}$ $\frac{16.5}{29}$ $\frac{9.3}{13}$ $\frac{8.9}{8.9}$ $\frac{9.0}{11}$ $\frac{9.5}{15}$ $\frac{7.5}{19}$ $\frac{4.2}{24}$ $\frac{1.1}{50}$

$\frac{19.6}{50}$ $\frac{9.9}{29}$ $\frac{9.6}{9}$ $\frac{8.9}{8.9}$ $\frac{9.0}{11}$ $\frac{9.5}{15}$ $\frac{7.4}{19}$ $\frac{4.0}{24}$ $\frac{1.1}{50}$

Sta	+	π	-	Elev.
		910.94		
2+50			9.0	01.9
+ 95			8.6	02.3
3+07			8.5	02.4
+ 13			8.4	02.5
+ 2574	2 nd st.		8.5	02.4
T.P.	9.42	920.11	0.25	910.69
B.M.			8.61	916.50
				916.48

Possible Daylight

$$\begin{array}{r} 18.3 \\ 50 \end{array} \quad \begin{array}{r} 17.7 \\ 43 \end{array} \quad \begin{array}{r} 9.3 \\ 33 \end{array} \quad \begin{array}{r} 9.3 \\ 9 \end{array} \quad 9.0 \quad \begin{array}{r} 9.1 \\ 11 \end{array} \quad \begin{array}{r} 9.8 \\ 16.19 \end{array} \quad \begin{array}{r} 6.3 \\ 26 \end{array} \quad \begin{array}{r} 3.4 \\ 50 \end{array} \quad \begin{array}{r} 0.0 \\ 75 \end{array}$$

$$\begin{array}{r} 14.9 \\ 50 \end{array} \quad \begin{array}{r} 8.5 \\ 45 \end{array} \quad \begin{array}{r} 8.7 \\ 12 \end{array} \quad 8.6 \quad \begin{array}{r} 8.8 \\ 13 \end{array} \quad \begin{array}{r} 9.7 \\ 17.21 \end{array} \quad \begin{array}{r} 2.4 \\ 34 \end{array} \quad \begin{array}{r} 0.0 \\ 50 \end{array} + \begin{array}{r} 3.3 \\ 75 \end{array}$$

F.L.

$$\begin{array}{r} 13.5 \\ 50 \end{array} \quad \begin{array}{r} 11.9 \\ 29 \end{array} \quad \begin{array}{r} 9.5 \\ 24 \end{array}$$

8.5

$$\begin{array}{r} 8.5 \\ 15 \end{array} \quad \begin{array}{r} 10.0 \\ 19 \end{array}$$

F.L.

$$\begin{array}{r} 10.0 \\ 19 \end{array}$$

$$\begin{array}{r} 7.2 \\ 50 \end{array}$$

$$\begin{array}{r} 12.0 \\ 50 \end{array} \quad \begin{array}{r} 10.3 \\ 30 \end{array} \quad \begin{array}{r} 9.3 \\ 19 \end{array} \quad 8.4 \quad \begin{array}{r} 7.8 \\ 21 \end{array} \quad \begin{array}{r} 6.2 \\ 50 \end{array}$$

$$\begin{array}{r} 11.8 \\ 50 \end{array} \quad \begin{array}{r} 9.4 \\ 17 \end{array} \quad 8.5 \quad \begin{array}{r} 5.8 \\ 50 \end{array}$$

Top. Hyd. S. E. Cor. 7th and 4th

