

Book 15 Dr. 13

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

THIRD AVE

From 7th St. To 8th St.

New Brighton

Road Acc't. No.

Date Filed 1-30-43

File

Align

3rd Ave
2nd Add.

From 7th St To 8th St

New Brighton

10-6-42

Index	Pages	HAW
Align	1 to 2	AM
Topog.	2 to 4	L.C
X Section	4 to 9	LL

drawn up

10/1/42

WGB.

Sta

Pt.

ΔL

ΔB

6+58.80

POT

0+00

2

Description

4" Elm. 

56.98'

30.48'

P. P. 

Boat Spk

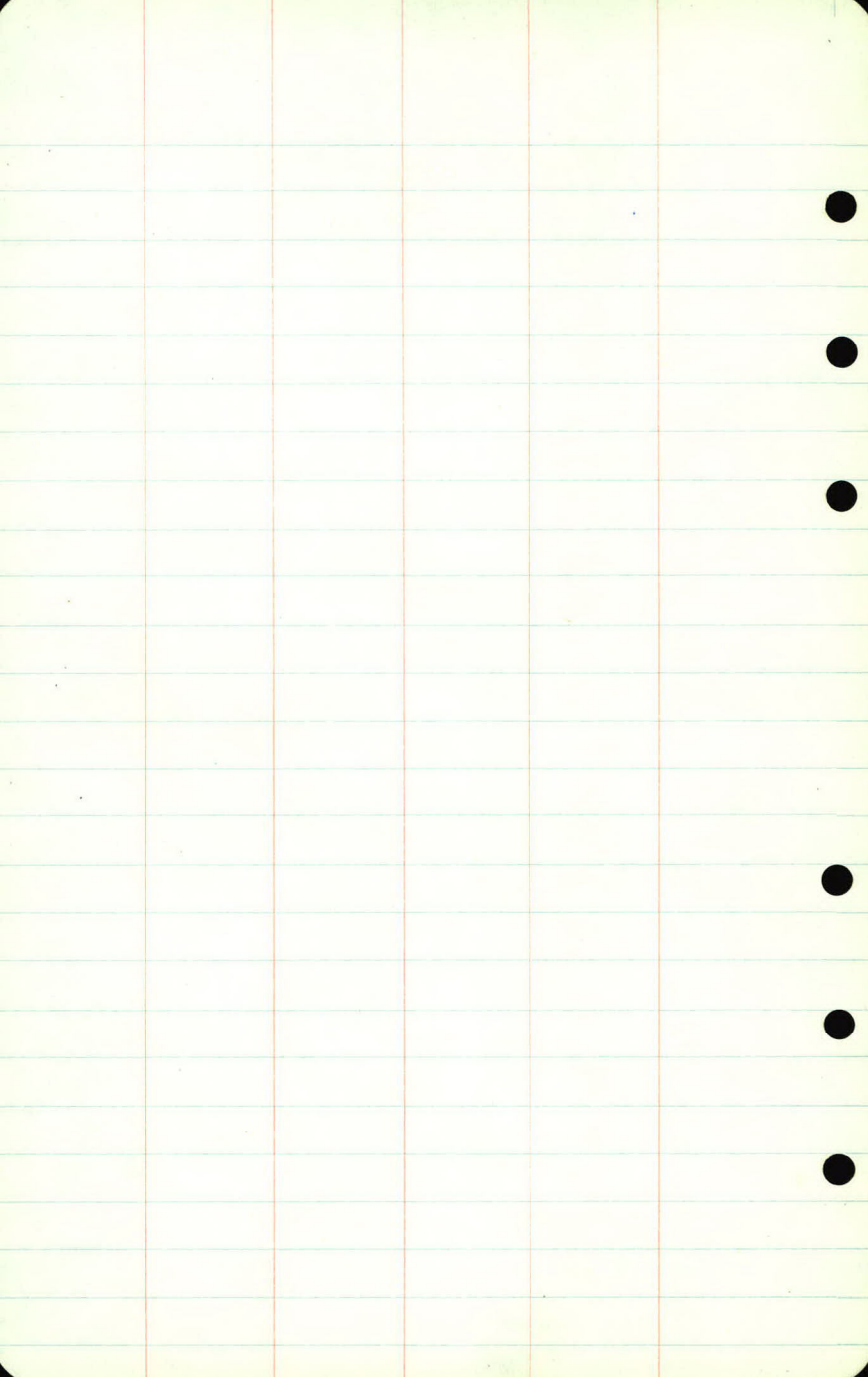
Nail

41.85'

70.13'

Hrd *

Cor Ho
Found



Topography

Rd Rd

+588 E 8th St.

15

+34 X Drain 15" X 34' CM

19'

6' 10

7 9'

10 9'

11' 8

11' 9'

+98 End 12" CM 18'

+70 Beg 12" CM. 18'

+63 S.W. Cor Ho 58'

10 11'

+76 End

+70 End 10" CM 17'

+70 End Gutter 14'-20'

+42 SE Cor Ho 32'

+42 SE Cor Ho 56'

+62 2" E/m 30'

+198 End Rad 8'
 +69 Beg Rad 35'
 +50 End Rad 32'
 +37 Rd Sign 18'
 +36 Archt P 21'
 +25 2" Apple 23'
 +24 Beg Rad 2'
 +10 10" Elm 24'
 +94 10" Elm 24'
 +76 End 15" CM 18'
 +75 12" Elm 23'
 +56 Beg 15" CM 18'

+26 6" BE 25'

+71 End 15" CM 18'
 +71 Beg 15" CM 18'

+69 End Gutter 15'-21'
 +48 X Wall 24'
 +46 12" BE 24'
 +13 8" BE 24'
 +05 12" BE 23'
 +02 Beg Gutter 15'-21'
 +02 End 15" CM 18'

+22 Archt. P. 25'
 +16 Water Valve 25'
 +14 Beg Rubble Gutter 15'-21'
 +14 End 15" CM 18'
 +13 End Curb 30.2'
 +00 Side Drain 18'
 15" x 30'

(Note 10" x 12" 2M)

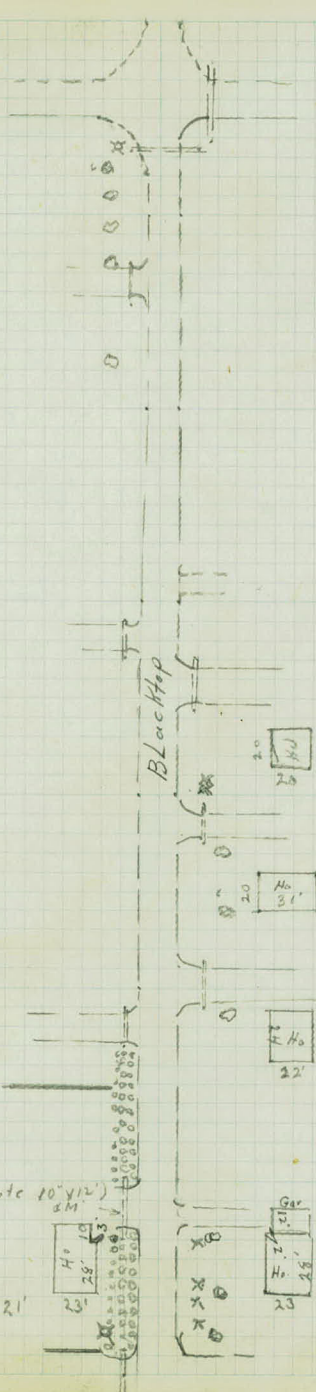
+99 End Rad 9'
 +78 End 18" CM 27'
 +67 Beg Rad 34'
 +51 End Rad 24'
 +38 Beg 18" CM 27'
 +40 Beg Rad 9'

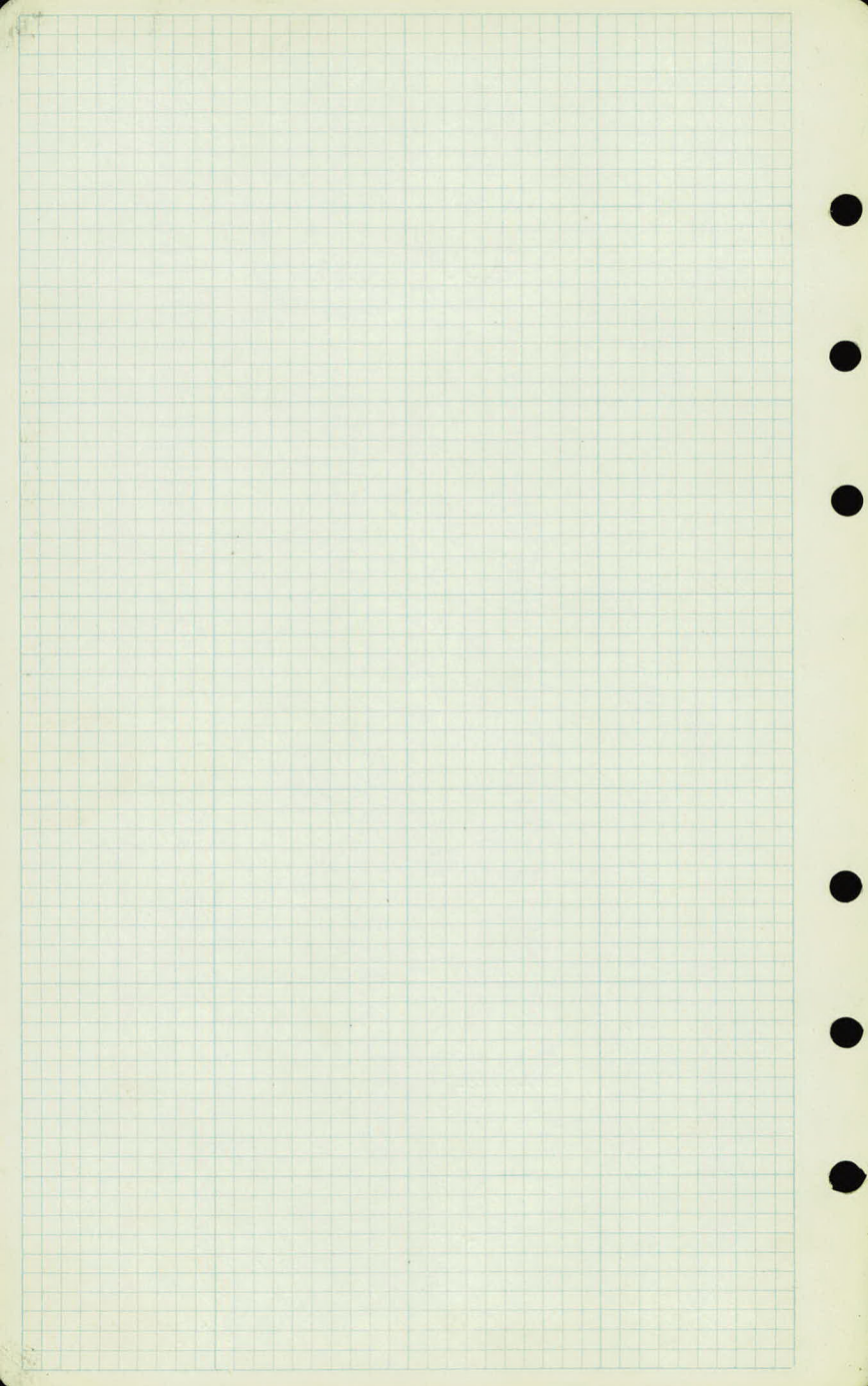
+71 End 15" CM 18'
 +45 Beg 15" CM 18'
 +37 8" Elm 31'
 +16 SW Cor Ho 58'
 +05 3" Pine 26'
 +00 4" Pine 26'
 +96 End 15" CM 22'
 +76 Beg 15" CM 22'
 +70 8" Ash 31'

+50 SW Cor Ho 51'
 +50 10" Ash 32'
 +14 End 15" CM 24'

+90 Beg 15" CM. 24'
 +87 18" Pop. 32'

+60 1" Pine 22'
 +49 1" Pine 21'
 +46 3" Elm 30'
 +39 1" Pine 21'
 +28 1" Pine 21'
 +26 2" Elm 29'
 +23 End Rad 11'
 +12 Beg Rad 12'





X Sections

3rd Ave

Sta	+	Δ	-	Elev
B.M.	0.85	917.11		916.26
0+00				13.2

+13				12.1
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+24				11.3
-----	--	--	--	------

+30				10.7
-----	--	--	--	------

+50				08.9
-----	--	--	--	------

+67				07.6
-----	--	--	--	------

+71		Side Drain Lt.		07.2
-----	--	----------------	--	------

+91				05.4
-----	--	--	--	------

+97				04.8
-----	--	--	--	------

1				04.6
---	--	--	--	------

+02		Side Drain Lt.		
-----	--	----------------	--	--

T.P	404	907.79	13.36	903.75
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1+00				
------	--	--	--	--

+20				02.3
-----	--	--	--	------

21. 2 Rt

Top Hyd S.W. Cor 3rd 7th

28 32 36 41 48 55
50 37 17 39 18 37 50

Top curb

(11.9)

274 352 48 51 53 48 52 60
50 30 20 13 50 13 17 30 50

(14.1)

(08.5)

24 30 31 60 77 60 60 57 83 8.6 9.1
50 30 27 21 17-17 13 58 10 13 18 30 50

(15.0)

(08.3)

16 21 56 83 68 64 64 66 84 8.8 9.3
50 30 21 17-17 13 12 13 18 30 50

(15.6)

(07.9)

Elev Floor Ho 0.83 1.5 1.5 7.8 9.9 87 86 8.1 8.4 90 9.2 9.5 1st Floor Ho 0.83 31 30 27 21 17-17 14 13 8.2 12 13 16 30 50 8.45

(12.7)

(07.5)

44 90 111 97 97 97 96 98
30 22 19-17 14 13 9.5 13 30 50

(12.8)

(05.6)

(02.80)

4.3 89 116 101 101 115 139 Elev Floor Ho 0.83 31 30 21 17 13 99 13 30 50 1430

(08.7)

(04.7)

6.7 84 118 120 115 118 124 154
50 30 13 10 117 11 13 30 50

(08.6)

(00.8)

70 75 85 121 125 123 121 136 163 191
50 40 30 13 10 123 9 10 13 30 50

(09.0)

7.7 81 117 125 129 125 123 131
40 30 18 13 9 125 8 11 13

Inv. 02.56

14.55

(00.1)

6.5 77 102
22 30 50

(03.8)

(97.3)

3.2 40 41 67 58 55 57 55 57 10.4 100 105 129
50 30 23 18-16 14 13 10 55 10 13 22-24 25 30 50

Sta	+	Δ	-	Elev
		907.79		

1+50				99.4
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+70

}

Side Drain Lt

+90

T.P.	2.17	897.74	12.22	895.59
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1+50

+90

95.5
Side Drain Rt

2

94.7
Profile Drive Rt

+14

93.5
Side Drain Rt

+50

90.5

+76

+85

88.1
Profile Drive Rt

+96

L1

X

R+

00.1

$$\begin{array}{r} 7.4 \ 77 \\ \hline 60 \ 30 \end{array}$$

$$\begin{array}{r} 78 \ 85 \ 10.1 \ 9.0 \ 8.6 \ 8.7 \ 8.4 \ 8.5 \\ 24 \ 21 \ 18.16 \ 14 \ 13 \ 10 \ 10 \ 13 \end{array}$$

Elev 1st Floor Ho
3.80

04.0

95.80

$$\begin{array}{r} 11.95 \\ \hline 18 \end{array}$$

94.24

$$\begin{array}{r} 13.55 \\ \hline 18 \end{array}$$

90.96

$$\begin{array}{r} 59 \ 6.7 \ 6.1 \ 7.6 \\ 25 \ 26.27 \ 30 \ 50 \end{array}$$

Elev 1st Floor

95.6

Inv

90.4

6.78

$$\begin{array}{r} 1.9 \ 2.1 \ 2.8 \ 4.2 \ 2.6 \ 3.0 \ 2.0 \ 2.4 \ 3.6 \ 8.80 \ 7.4 \ 7.3 \ 8.3 \\ 50 \ 30 \ 22 \ 20.18 \ 13 \ 11 \ 10 \ 13 \ 13 \ 25 \ 28 \ 30 \ 50 \end{array}$$

$$\begin{array}{r} 3.4 \ 3.7 \\ 50 \ 30 \end{array}$$

$$\begin{array}{r} 3.7 \ 5.4 \ 3.9 \ 3.6 \ 3.7 \ 3.0 \ 3.0 \ 2.9 \ 3.2 \ 4.4 \ 5.5 \ 8.4 \\ 23 \ 20.18 \ 16 \ 13 \ 12 \ 3.0 \ 8 \ 9 \ 13 \ 23 \ 30 \ 50 \end{array}$$

92.8

87.20

Inv

87.8

$$\begin{array}{r} 4.2 \ 4.9 \ 5.2 \ 6.0 \ 4.9 \ 4.6 \ 4.9 \ 4.3 \ 4.0 \ 4.3 \ 4.7 \ 9.3 \ 10.54 \ 9.9 \ 11.0 \\ 50 \ 30 \ 22 \ 21.19 \ 17 \ 13 \ 11 \ 7 \ 9 \ 11 \ 13 \ 21 \ 24 \ 30 \ 50 \end{array}$$

88.8

86.4

11.7

$$\begin{array}{r} 7.4 \ 8.9 \ 8.3 \ 7.8 \ 7.8 \ 7.2 \ 7.1 \ 7.4 \ 8.0 \ 11.7 \ 12.2 \ 11.3 \ 11.3 \\ 30 \ 30 \ 16 \ 13 \ 11 \ 7 \ 8 \ 9 \ 12 \ 13 \ 19 \ 24 \ 25 \ 30 \end{array}$$

84.09

Inv

$$\begin{array}{r} 13.65 \\ \hline 22 \end{array}$$

Elev 1st Floor Ho

9.42

85.8

88.32

$$\begin{array}{r} 9.6 \ 9.3 \ 9.8 \ 11.7 \ 12.7 \\ 8 \ 9 \ 13 \ 30 \ 50 \end{array}$$

Inv

$$\begin{array}{r} 14.35 \\ \hline 22 \end{array}$$

83.39

Sta	+	π	-	Elev
		897.74		
T.P	125	888.98	1001	887.73
3				87.3

+44

Side Drain Rt

+50

84.9
Profile Drive Rt

+70

Side Drain Rt

+72

" " Lt

+92

" " "

4

83.1

+50

82.0

5

81.5

+50

81.3

+57

Side Drain Lt

+77

" " "

L1

2

RT

8

598
865

846

$$\frac{22}{50} \frac{25}{30} \frac{27}{17} \frac{20}{13} \frac{22}{11} 1.7 \frac{1.6}{7} \frac{1.4}{8} \frac{1.6}{12} \frac{2.1}{13} \frac{5.3}{18} \frac{4.7}{20} \frac{4.4}{22} \frac{4.5}{30} \frac{4.5}{50}$$

86.94

Elev 160

1st Floor 2.04

$$\frac{6.49}{18} \rightarrow 82.49$$

$$\frac{3.4}{50} \frac{4.2}{30} \frac{4.2}{22} \frac{5.3}{20-18} \frac{4.3}{13} \frac{4.4}{11} 4.1 \frac{4.1}{7} \frac{3.9}{9} \frac{4.3}{13} \frac{5.5}{30} \frac{5.8}{50}$$

$$\frac{81.68}{18} \rightarrow 7.30$$

$$\text{Inv} - \frac{82.14}{18} \rightarrow 6.82$$

$$\frac{7.52}{18} \rightarrow 81.46$$

83.17

$$\frac{5.2}{50} \frac{5.5}{30} \frac{6.2}{20} \frac{7.1}{18-16} \frac{6.1}{13} \frac{6.1}{9} 5.9 \frac{6.1}{10} \frac{6.5}{13} \frac{8.0}{17} \frac{7.8}{30} \frac{8.0}{50}$$

81.6

$$\frac{6.8}{50} \frac{7.4}{30} \frac{8.0}{19} \frac{7.3}{13} \frac{6.9}{9} 7.0 \frac{7.2}{8} \frac{4.3}{13} \frac{8.9}{17} \frac{9.5}{22} \frac{9.4}{30} \frac{9.4}{50}$$

79.97

79.2

$$\frac{8.4}{50} \frac{9.1}{30} \frac{8.9}{16} \frac{7.9}{13} 7.5 \frac{7.7}{9} \frac{8.2}{13} \frac{9.7}{18} \frac{9.8}{30} \frac{8.7}{50}$$

80.67

78.7

$$\frac{7.5}{50} \frac{8.4}{30} \frac{8.6}{19} \frac{9.5}{18-16} \frac{8.1}{13} \frac{7.7}{10} 7.7 \frac{8.0}{10} \frac{8.2}{13} \frac{7.5}{15} \frac{10.1}{27} \frac{10.3}{30} \frac{9.4}{50}$$

$$\frac{79.5}{18} \text{ Inv}$$

79.41

$$\frac{9.57}{18}$$

Sta	+	π	-	Elev
		888.98		
L				80.9

+29	So Prop Line	80.8
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+34	15" X Drain	80.8
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18" Side Drain

+46		80.8
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+58 ⁸⁰	$\approx 8^{\pm 1}$	80.6
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B.M	6.93	888.98	6.93	882.05
	12.85	901.11	0.72	888.26
	11.37	912.10	0.38	900.73
	6.99	918.87	0.22	911.88
			2.57	916.30
				916.26

Lt

2

Rt

9

$\frac{69}{50}$ $\frac{71}{30}$ $\frac{74}{23}$ $\frac{9.9}{18.16}$ $\frac{82}{13}$ $\frac{81}{8}$ 8.1 $\frac{8.3}{13}$ $\frac{10.3}{20}$ $\frac{11.2}{21-23}$ $\frac{10.2}{24}$ $\frac{10.0}{30}$ $\frac{9.8}{50}$

$\frac{7.5}{50}$ $\frac{75}{30}$ $\frac{78}{23}$ $\frac{99}{18.16}$ $\frac{85}{13}$ 8.2 $\frac{8.3}{9}$ $\frac{8.3}{13}$ $\frac{9.8}{18}$ $\frac{9.6}{21-23}$ $\frac{11.4}{24}$ $\frac{9.7}{30}$ $\frac{9.6}{50}$

$\frac{7.5}{50}$ $\frac{77}{30}$ $\frac{80}{22}$ $\frac{10.2}{18}$ $\frac{10.35}{15}$ $\frac{84}{13}$ 8.2 $\frac{8.3}{9}$ $\frac{8.0}{12}$ $\frac{8.3}{13}$ $\frac{11.70}{19}$ $\frac{12.0}{30}$ $\frac{11.9}{50}$

77.08

 $\frac{11.90}{27}$

-80.7

$\frac{80}{50}$ $\frac{82}{30}$ $\frac{83}{26}$ $\frac{84}{18}$ $\frac{82}{13}$ 8.2 $\frac{8.4}{12}$ $\frac{8.2}{13}$ $\frac{7.8}{20}$ $\frac{8.3}{30}$ $\frac{8.7}{50}$

$\frac{83}{50}$ $\frac{82}{25}$ 84 $\frac{85}{25}$ $\frac{85}{50}$

Spk in Arak. Pole S.W. Cor 8th & 3rdTop Hyd. S.W. Cor 3rd & 7th

