

BK 31 Dr 14

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

Second Str.

From Clark Ave To Lake Ave

Road Acc't. No. White Bear City

Date Filed

File

BK 31 Dr 14

Plan Survey
Second St.
from Clark Ave. to Lake Ave
W. B. C.

Alignment - 1-2
Topography - 3-7
X Sections 8-13

5/9/40

R. P.
A. M.
L. G.
C. F.

Completed 5/18/40
How W. B. C. & L. G.

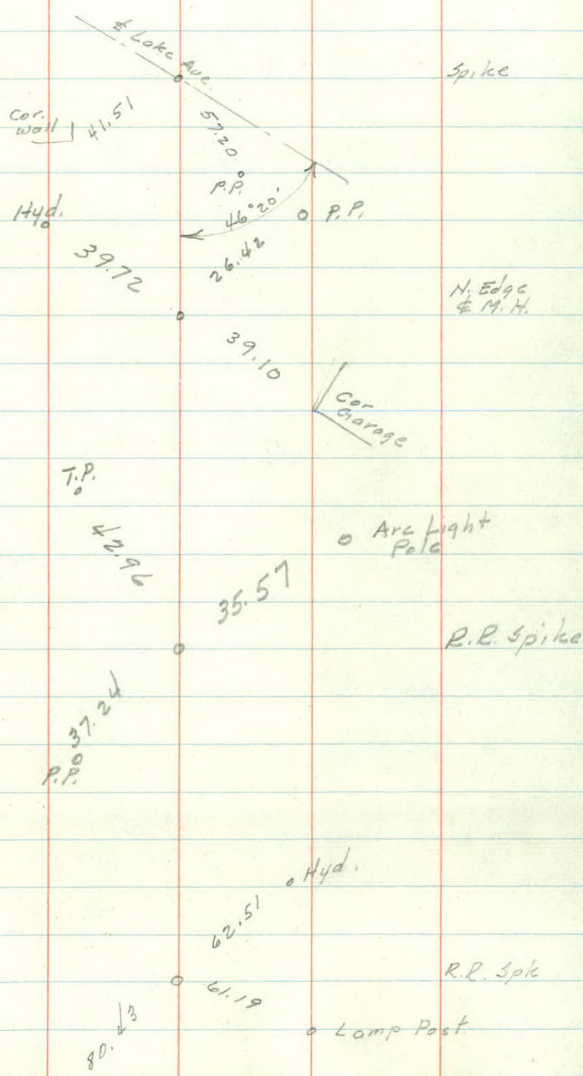
Sta.	Pt.	Angle Lt.	Rt.
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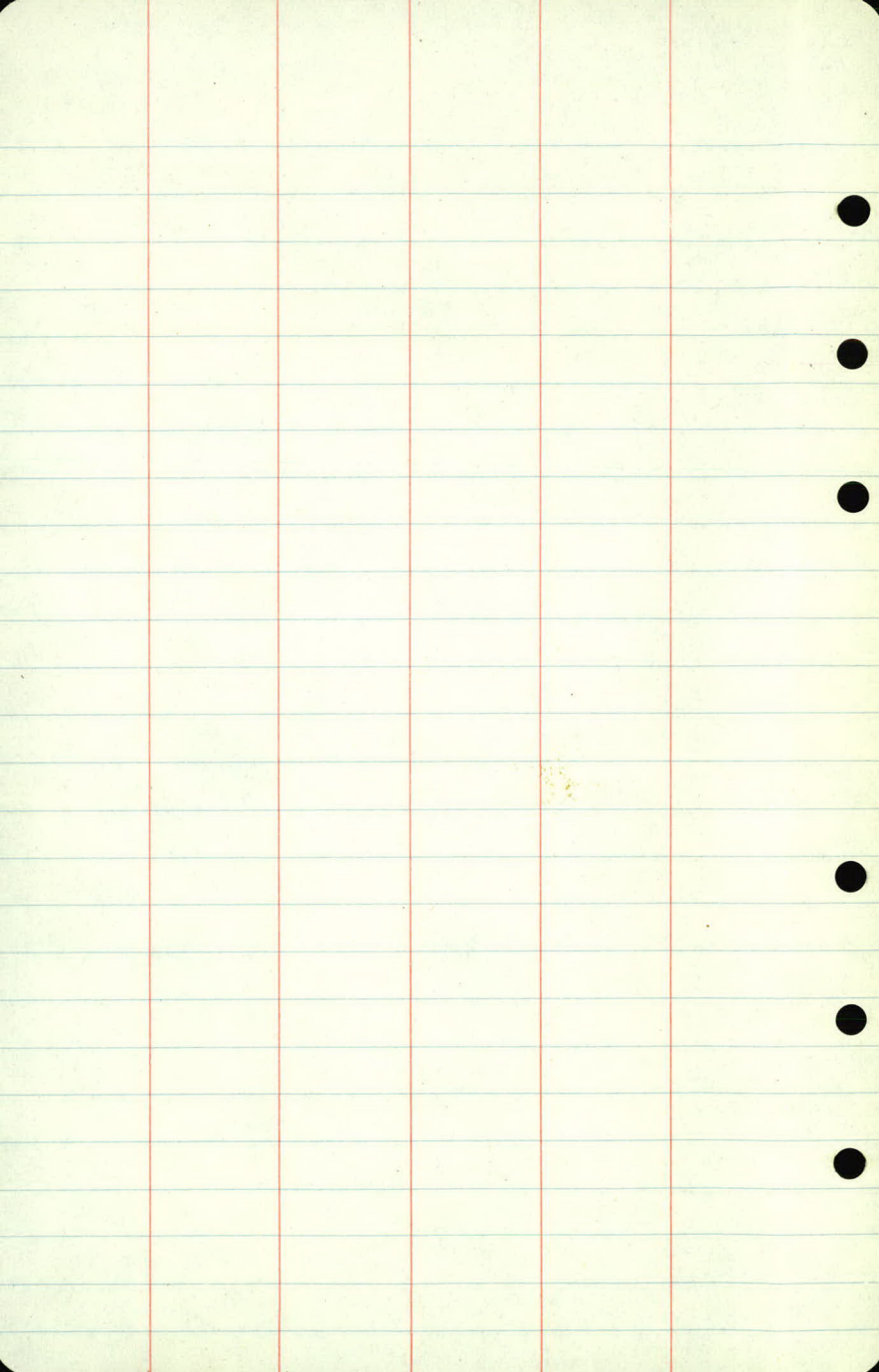
12+60.90	± Lake Ave.		
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9+74.97	P.O.T.	± Cook	
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6+15.81	P.I.	0°27' Lt.	± Banning Ave.
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0+00	± Clark Ave		
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3
Topography
2nd St. from Clark to Lake
W. B.C.

+50

3

16

14

+50

2

15

+50

1

16

+69 Water S.D. 9.60

+65 M.H.
(Sanitary) 6.35

+50

0

+05-2.5' W/g/k. 29.1a
S.W. 23.10 - 27.65

+81 Bag Wall 29.2
+78 Ent.
+74 End Wall 29.0
+68-4" Drain tile 28.8

+52-4'4" Walk 17.25

+35 Cor. Wall 28.8
+31 Ent.
+31 Water S.O. - 21.1
+25 X Fe - 30.7

+01-3' W/g/k - 27.3
S.W. 22.75 - 27.25
+96-24" Elm - 18.7

+64 Ent.
+56 End. Fe. 29.5

S.W. 22.35 - 26.95

+75 Fe. Gr 3a
+75 Lot Iron 30.0
+75 End Curb 17.6
+74.5 S.W. 22.3 - 26.85
+68.5 S.W. 22.20 - 28.2

+49.5 Curb 17.8
+46.00 Curb 22.3
+46 S.W. 22.5 - 28.4

+20.8 Curb 75.35

Curb 55.00

CLARK AVE.

+46-4' W/g/k. 31.10
+40-12" Elm 17.4

+18-8" B.E. 17.75

+99-3' W/g/k 31.0
+94-15" Elm - 17
+90 W. S.O. - 22.3
+81 Arc Light 17.2

+72 Ent.

+64-15" Elm 17.2
+62 Water S.O. - 24.2

+48-12" Maple - 17

+43.5-3.5' W/g/k 27.9
+28-13 End S.W. 23.55 - 27.5
+28-13 End Curb 15.30
+28-18" Elm 16.75
+26 X Hedge 30.0
+08-4" Elm - 19.4
S.W. 23.6 - 27.95
Curb. 15.5

+79-6" Elm 19.3

+60.35 Curb
+55.9 Ent
+51.45 Curb

+43-12" Elm 19.

+33.3 S.W. 28.3
+28.3 S.W. 28.3

+12-8" Elm 19.4
S.W. 23.90 - 28.35
Curb. 15.82

+84 P.P. 18
+82-8" Elm 20
+77 Mail Box 21.4
+74.5 S.W. 23.95 - 28.4
+68.5 S.W. 23.9 - 29.9

+51- Hyd. 36
+49.5 Curb 15.86
+46.0 Curb. 19.85
+46 S.W. 24 - 30

+20.8 Curb 46.52

Curb 26.25

7

15

13

+50

+38 C.B. 21.6
Curb Inlet
+37 S.W. 24.25
+35 S.W. 28.9

+46 Fe. Cor 30 +40.5 W.S.O. 23.0
+46 Lot Iron 30 +39.5 S.W. - 28.4
+46 Arc. Light 19.4 +37.5 C.B. 22.6
+44 S.W. - 19.5 Curb Inlet
+23 M.H. 5.6

6

+08 M.H. - 1.6
Storm Sewer
+93 P.P. 29.75
+93 C.B. 22.3
Curb Inlet

+09 M.H. 5.6
+97.7 Curb - 35.5
+93 C.B. 22.9
Curb Inlet

+50

5

17

12

+50

4

16

13

+50

+95 Fe. Cor. 29.0
 +91.6" Maple 20.45
 +80.4' Walk 28.65
 +78 18" Elm 20.1

+50 6" Maple 20
 +48.42 Curb 17.9
 +48 Fe. Cor. 29.4
 +36 T.P. 38
 +33.92 Curb 33.0

BANNING

Storm

Sewer

AVE.

+97.7 Curb 33.05
 +91 S.W. 28.8
 +86.5 S.W. 19.5 24.3-28.8
 +82.85 Curb 18.10
 +82 Hyd. 22.5

+58 6" Elm 20

+40 6" Elm 21
 +35 X Fe. 30.62

+07 G.P. 22
 S.W. 24.1-28.6

+82 8" Maple 21.4
 +75 Ent. 8' slab 23.7

+67 18" Maple 20.2

+49.3' Walk 28.10
 +42.3' Elm 21.1

+33 X Fe. 29.8
 +26 Ent

+12 12" Elm 19.6
 +05.35' walk 28.0

S.W. 23.45 - 27.9

+89.4" Maple 19.8
 +82 X Fe 29.3
 +79 W.S.O. 20.1
 +77.8' Slab Ent 27.8
 +74 End Wall 29.3
 +62 6" BE 19.3
 +61 2.5 Walk 29.10

+69 Ent to Fe.
 +66.5 Fe. Cor. 30.1

+48.42 Curb 18.3
 +48.4 W. S.O. 22.0
 +35 S.W. 28.4
 +33.92 Curb 33.20
 +38 Rgc Tie Fe.

+91 S.W. 21.5
 +86.5 S.W. 19.4
 +82.85 Curb 18.1
 +80 8" Maple 19.7

+56 8" Maple 19.45

+33 12" Maple 18.85

+16 W.S.O. 18.45
 +11 6" Ash 19.1

+03 P.P. 16.0

+79 2.5' walk 28.95

+33 X Hodge 29.6

+18 6" Maple 17.4

+01.4' Walk 29.55
 +96 6" Maple 17.5

+84 W.S.O. 17.6
 +82 Ent.
 +77 P.P. 16.8

+56 14" Elm 17.6

750

10

15

11

+91 Gutter

+80 (Storm) M.H. 8'

+74.97 - E.M.H. 01'

+50

+57 Gutter

9

15

12

+50

8

15

12

+50

7

15

13

+41 End Fe. 29.5
+40 W. S.O. 18.4

+08 Hyd. - 22

• Galley Iron •
+100 Δ Fe, Cor. 30
+100 Lot iron 30.03
+96 P.P. 16.7
+90 Beg. Fe 40.5

+76 Ent. (Alley)

+89 C.B. 32.0
(Grated Top)

COOK AVE

(Grated Top)
+56.5 C.B. 18.25
+51 - Cor. S.W. 23.5
+46.5 Cor. S.W. 23.5.28

(Grated Top)
+58 C.B. 15.8
+53 Cor. Gap 32.0
+52 End Hedge 31
+41 3" Elm 20.9
+40 Cor. Cor. 45.3

+12 3" Elm 21
S.W. 23.8 28.5

+94 4' Walk 28.2

+06 3" Elm 21
Hedge 31

+55 15" Elm 20.2

+66 3' Walk 31.2
+56 P.P. 15.7

+37 18" Elm 20.2

+20 6" Elm - 20.5

+34 Beg Hedge - 30.9

S.W. 23.7 - 28.5

+95 X. Fe. 29.9

+87 15" Elm 19.9

+78 4' Walk 28.2

+70 12" Elm - 19.7

+62.5 Ent.

+68 X Fe Rye Tie

+54 20" Elm 18.5

+58 Ent

+31 4' Walk 28.3

+42 P.P. 15.4

+09.5 Ent.
S.W. 23.9 - 28.45

+06 30" Hub 30.45

13

+77.15 Edge B.T. x $\frac{1}{2}$

150

+22.75 M.H 2.15
Sanitary

2

15

12

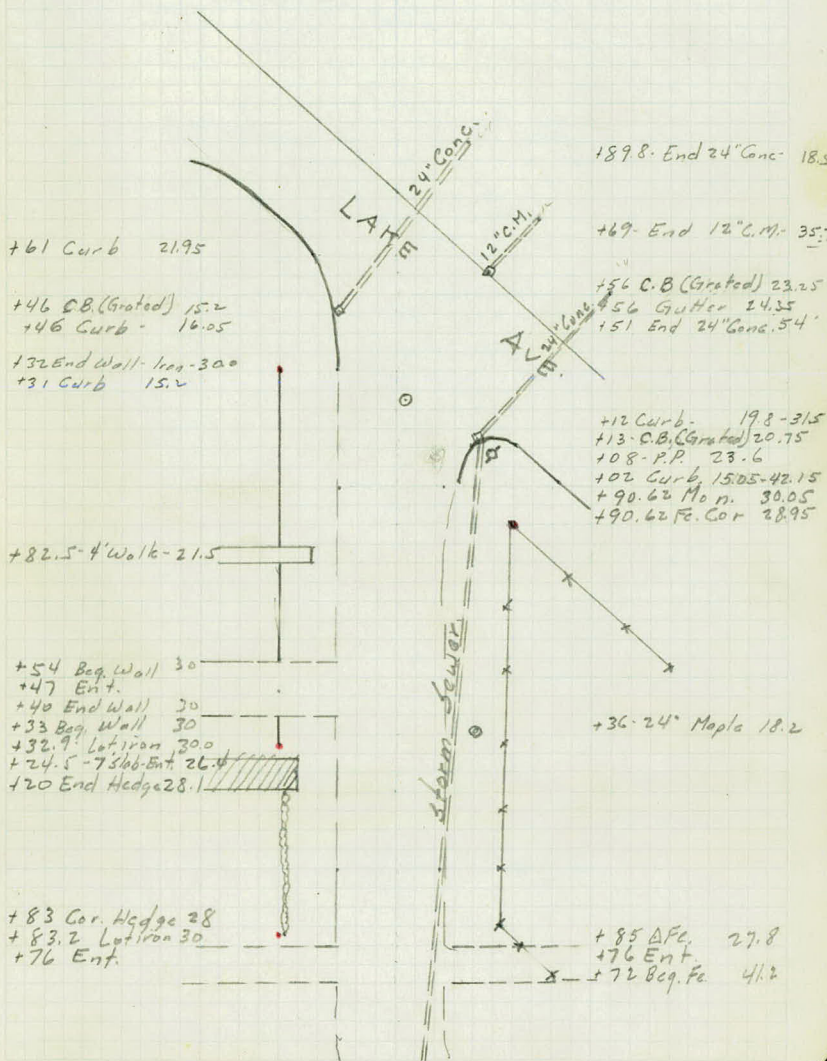
+50

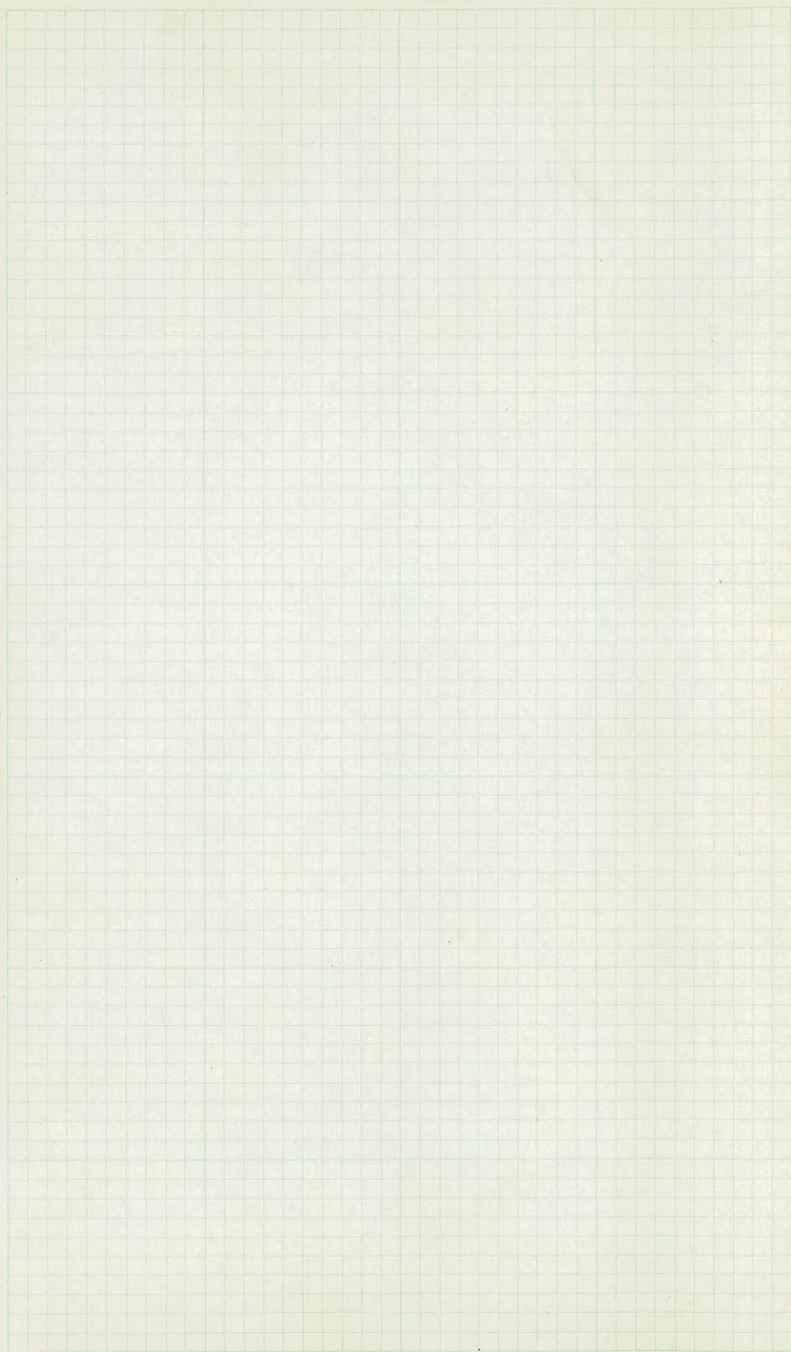
11

15

12

+50





8
Bench Levels & Sections
2nd St.

from Clark to Lake.

Pt.	+	$\bar{\Delta}$	-	Elev
B.M.	1.14	942.72		941.58
T.P.	4.42	938.65	8.49	934.23
B.M.	12.55	943.97	7.23	931.42
B.M.	2.34	944.42	1.89	942.08
B.M.			2.74	941.68
0+00			5.1	393

+40 5.8 38.6

+46 6.3 38.1

+46 6.3 38.1

+50 6.1 38.3

+71 Sec. thru Side Walks 5.6 38.8

5.4 39.0

+50 5.4 39.0

5.3 39.1

+28.13 5.1 39.3

Top Hydrant N.E. Cor 4th and Morehead

Top Stone Mon. 30' Rt. Sta. 11+91

Top Hyd N.W. Cor. Banning at 2nd

Top Hyd. S.E. Cor. Clark at 2nd

3.83	4.6	4.5	4.9	4.8	4.21	4.2	
55	55	50	18	51	26	26	50

5.5	5.6	5.9	6.0	
50	21	5.8	26	50

6.04	6.23	6.32	6.5
50	22	20	50
38.19	38.10		

5.43	5.64	6.23	6.32	5.81	5.82
50	22	21	21	20	50
38.78	38.19	38.10	38.61		

5.25	5.40	5.50	5.57	6.2	6.3	5.72	5.84	5.87	5.75	5.78
50	28	22	18	18	6.1	16	16	24	30	50
38.89	39.04	38.99	38.64	38.55	38.64					
5.53	Top Water Shut off 9.6' Lt. 0+69								M.H Rt. 0+65	

5.05	5.30	5.8	6.1	5.62	5.64							
50	17	17	5.6	16	16	50						
39.25	39.34	39.91	38.91	38.92								
2.8	3.3	4.6	5.0	5.17	5.08	5.7	6.2	5.61	5.51	5.50	4.7	
50	42	30	29	27	22	17	5.4	16	16	24	28	50

3.1	3.7	4.95	4.96	5.5	6.1	5.58	5.52	5.50	4.8	4.6	
50	36	27	23	17	5.4	16	16	24	28	44	50
39.47	39.46	39.65	39.66	38.90	38.92						

3.20	4.00	4.30	4.31	4.73	5.9	5.60	5.52	5.50	5.3		
50	31	31	29	29	15	15	23	27	50		
39.64	39.53	39.66	38.90	38.92							
S.W. Lt. +01	3.3	4.0	4.71	4.76	5.4	5.9	5.60	5.52	5.50	5.3	
	50	33	27	23	16	53	15	15	23	27	50

3.3	3.6	4.78	4.89	5.3	5.6	5.52	5.43	5.46	5.7	
50	43	27	23	16	51	15	15	23	27	50
39.64	39.53	38.99	38.96							

N.S.O. 21.1' Lt. +31 - 50.4 38.38

Sta.	P	T	-	Elev.
		944.42		
2 + 35.7			5.0	39.4
+50			5.0	39.4
3			4.9	39.5
+50			4.9	39.5
4			5.0	39.4
+50			5.2	39.2
5			5.4	39.0
+50			5.6	38.8
+82.85			6.0	38.4
B.M.	0.57	942.65.	2.34	942.08
+89	Sec. thru Side Walks		4.3	38.4
+97.7			4.5	38.2
+97.7			4.5	38.2

942.08

3964
S.W. 3959

$\frac{3.10}{50} \frac{3.28}{42} \frac{3.60}{29} \frac{4.8}{29} (\frac{4.78}{27} \frac{4.83}{23}) \frac{5.2}{17} \frac{5.5}{50} \frac{5.3}{15} \frac{5.5}{21} \frac{5.5}{50}$

3894

3967 396V 3938

$\frac{3.2}{50} \frac{3.57}{29} \frac{4.7}{29} (\frac{4.75}{27} \frac{4.80}{23} \frac{5.04}{18}) \frac{5.2}{17} \frac{5.4}{50} \frac{5.2}{15} \frac{5.5}{20} \frac{5.5}{50}$

5.48
27.9

3909

3928

3980 3970

W.S.O. - +62

5.33
24.2

+90 - 5.14
22.3

$\frac{2.5}{50} \frac{3.53}{29} \frac{4.7}{29} (\frac{4.62}{27} \frac{4.72}{23}) \frac{5.0}{19} \frac{4.9}{15} \frac{5.3}{15} \frac{5.1}{21} \frac{5.20}{31} \frac{5.23}{50}$

3980 3976

3965
S.W.

$\frac{2.5}{50} \frac{3.66}{29} \frac{4.6}{29} (\frac{4.62}{27} \frac{4.66}{23}) \frac{5.1}{17} \frac{4.9}{15} \frac{5.1}{15} \frac{4.8}{23} \frac{4.77}{32} \frac{4.3}{50}$

3969 Ent 4.73 3.13 () +79 W.S.O. 5.00 394V +84 W.S.O. 5.13 3929

$\frac{3.4}{50} \frac{3.9}{31} (\frac{4.86}{27} \frac{4.85}{23}) \frac{4.8}{20} \frac{5.2}{17} \frac{5.0}{50} \frac{5.2}{15} \frac{5.0}{24} \frac{4.75}{30} \frac{4.4}{50}$

3942

$\frac{4.1}{50} (\frac{5.00}{28} \frac{5.00}{24}) \frac{5.1}{21} \frac{5.6}{16} \frac{5.6}{5.2} \frac{5.2}{15} \frac{4.7}{18} \frac{4.7}{50}$

29.26

3938 5.04

Ent Lt. +75 3920 391V

$\frac{4.7}{50} \frac{4.7}{34} (\frac{5.22}{28} \frac{5.30}{24}) \frac{5.3}{20} \frac{5.9}{18} \frac{5.4}{5.4} \frac{5.8}{13} \frac{5.4}{19} \frac{5.0}{36} \frac{4.9}{50}$

5.16
S.W. Lt. +79

(3887)

$\frac{5.2}{50} \frac{5.0}{37} (\frac{5.55}{28} \frac{5.55}{24}) \frac{5.7}{20} \frac{6.2}{17} \frac{6.0}{5.6} \frac{5.5}{15} \frac{5.2}{18} \frac{4.7}{30} \frac{4.7}{50}$

W.S.O.
5.42 3900
RT 5+16

3861 3858 Curb 3817

Curb 3830

$\frac{6.0}{50} (\frac{5.81}{28} \frac{5.84}{24}) \frac{6.25}{18} \frac{6.7}{18} \frac{6.4}{6.0} \frac{6.12}{18} \frac{5.7}{18} \frac{5.2}{22} \frac{5.1}{31} \frac{5.1}{50}$

Top Hyd.

N.W. Cor 3820 and Banning 3830

$\frac{4.28}{50} \frac{4.08}{29} \frac{4.45}{19} \frac{5.1}{19} \frac{4.3}{4.3} \frac{5.0}{19} \frac{4.35}{19} \frac{3.58}{39} \frac{3.58}{50}$

Inv. 12" Vit 7.65
Curb inlet 35.00

3817

Inv. 12" Vit
3833 Curb inlet

755
35.10

$\frac{4.52}{50} \frac{4.48}{33} \frac{5.1}{33} \frac{4.5}{4.5} \frac{4.9}{31} \frac{4.32}{31} \frac{4.36}{50}$

Inv. 12" Vit 10.53 321V
Storm Sewer on Banning

M.H. - 1.6 Lt 6+08

Inv. 12" Vit.
Storm Sewer Bann.

10.26 3239

Inv. 12" Vit 10.55
from N.E. Cor. C.B. 3210

M.H. 1.6 Lt. 6+08

Inv. 12" Vit 10.37
from S.E. Cor C.B. 3228

Sta.	+	π	-	Elev.
		942.65		
6+15.81	E Banning		4.3	38.4
+33.92			4.6	38.1
+33.92			4.6	38.1
+42	S.W. Pt.		4.5	38.2
+48.42			4.5	38.2
7			4.6	38.1
+50			4.9	37.8
8			5.1	37.6
+50			5.4	37.3
9			5.8	36.9
T.P.	2.06	940.96	3.75	938.90
+40			4.3	36.7
+47			4.2	36.8

$$\frac{4.7}{50} \quad \frac{4.5}{20} \quad 4.3 \quad \frac{4.4}{20} \quad \frac{4.5}{50}$$

$$\frac{5.2}{50} \quad \frac{5.0}{33} \quad 4.6 \quad \frac{5.0}{31} \quad \frac{4.9}{50}$$

3816

3825

$$\frac{35}{50} \quad \frac{4.53}{50} \quad \frac{4.49}{33} \quad \frac{5.0}{33} \quad 4.6 \quad \frac{5.0}{31} \quad \frac{4.40}{31} \quad \frac{4.38}{50}$$

3495

Inv. 12" V.I.
Curb Inlet

$$\frac{7.65}{50} \quad \frac{38.43}{28} \quad \frac{38.36}{24} \quad \frac{38.16}{19.5}$$

$$\frac{38.23}{30} \quad \frac{38.43}{30} \quad \frac{38.47}{50}$$

$$\frac{7.70}{50} \quad \frac{38.47}{50}$$

$$38.17 \quad \frac{4.48}{50} \quad \left(\frac{4.22}{28} \quad \frac{4.31}{24} \right) \quad \frac{4.49}{19.5} \quad \frac{5.2}{19.5}$$

$$5.1 \quad \frac{4.42}{19} \quad \frac{4.22}{30} \quad \frac{4.18}{50} \quad 38.47$$

3943

3837

3817

3828

$$\frac{w.s. 4.04}{22.21 - 48.4} \quad \frac{38.61}{50}$$

$$\frac{4.4}{50} \quad \left(\frac{4.32}{28} \quad \frac{4.28}{24} \right) \quad \frac{4.48}{18} \quad \frac{4.9}{18}$$

$$\frac{4.9}{72} \quad \frac{4.7}{78} \quad \frac{4.36}{18} \quad \frac{4.0}{30} \quad \frac{3.9}{50}$$

3816

3812

$$\frac{3.8}{50} \quad \left(\frac{4.49}{28} \quad \frac{4.53}{24} \right) \quad \frac{4.8}{17} \quad 4.6 \quad \frac{5.0}{13} \quad \frac{4.7}{15} \quad \frac{4.1}{33} \quad \frac{3.9}{50}$$

3783

3781

$$\frac{3.5}{50} \quad \frac{3.9}{33} \quad \frac{4.5}{31} \quad \left(\frac{4.82}{28} \quad \frac{4.84}{24} \right) \quad \frac{4.9}{20} \quad \frac{5.3}{15} \quad 4.9 \quad \frac{5.3}{73} \quad \frac{4.0}{29} \quad \frac{3.8}{50}$$

3746

3745

$$\frac{4.0}{50} \quad \left(\frac{5.09}{28} \quad \frac{5.20}{24} \right) \quad \frac{5.6}{16} \quad 5.1 \quad \frac{5.4}{72} \quad \frac{4.4}{24} \quad \frac{4.2}{50}$$

3721

3723

$$\frac{3.7}{50} \quad \frac{4.2}{38} \quad \left(\frac{5.44}{28} \quad \frac{5.42}{24} \right) \quad \frac{5.4}{18} \quad \frac{5.8}{15} \quad 5.4 \quad \frac{5.7}{11} \quad \frac{5.2}{15} \quad \frac{5.1}{28} \quad \frac{4.6}{31} \quad \frac{4.4}{50}$$

3794

3679

3674

S.W. Rt. + 66

$$\frac{3.5}{50} \quad \frac{4.1}{34} \quad \left(\frac{5.86}{28} \quad \frac{5.91}{24} \right) \quad \frac{6.1}{17} \quad 5.8 \quad \frac{5.9}{72} \quad \frac{5.5}{15} \quad \frac{5.5}{15} \quad \frac{5.3}{28} \quad \frac{4.8}{31} \quad \frac{4.6}{50}$$

Top Hyd

Cook 3663 3664

$$\frac{2.2}{50} \quad \frac{2.4}{36} \quad \left(\frac{4.33}{27} \quad \frac{4.35}{23} \right) \quad \frac{4.3}{16} \quad \frac{4.7}{15} \quad 4.3 \quad \frac{4.4}{12} \quad \frac{4.0}{15} \quad \frac{4.0}{27} \quad \frac{3.5}{31} \quad \frac{3.2}{50}$$

3658

3650

$$\frac{4.23}{50} \quad \frac{4.38}{27} \quad \frac{4.46}{23} \quad \frac{4.2}{17} \quad \frac{4.9}{15} \quad 4.2 \quad \frac{4.5}{12} \quad \frac{4.1}{15} \quad \frac{4.0}{29} \quad \frac{3.7}{31} \quad \frac{3.5}{50}$$

Sta.	+	π	-	Elev.
		940.96		
9 + 55			4.1	36.9
+57	Gutter		4.0	37.0
+74.97	E Cook		4.00	37.0
+91	Gutter		4.4	36.6
10			4.9	36.1
+50			5.9	35.1
11			7.0	34.0
+50			8.0	33.0
T.P.	489	936.72	9.13	931.83.
12 + 02			4.5	32.2
+17			4.7	32.0

32.71

$\frac{41}{50} \frac{47}{21} \frac{52}{16} \frac{44}{11} \frac{41}{11} \frac{46}{20} \frac{4.3}{20} \frac{4.1}{27} \frac{3.8}{31}$

32.70

+56.5 8.25

Inv. 12" Vit C.B.

31.00

Inv. 12" Vit

Catch Basin

8.26

+58

9.98 30.98

Inv. 15" Vit

9.96

M.H. +75

Inv. 18" Vit Storm Sewer

Inv. 15" Vit

(2 lengths)

9.08

31.88

+89

9.20 31.76

Inv. 12" Vit C.B.

37.04

37.71

Slope for Gor.

$\frac{4.8}{50} \frac{4.9}{25} \frac{5.1}{18} \frac{4.5}{12} \frac{4.0}{10} \frac{4.3}{8} \frac{4.7}{12} \frac{4.3}{20} \frac{4.0}{29} \left(\frac{3.92}{29} \frac{3.25}{33} \right)$

$\frac{4.4}{50} \frac{4.1}{17} \frac{4.00}{Top M.H.} \frac{4.2}{17} \frac{4.5}{40} \frac{4.5}{50}$

36.73

4.23 Top M.H.
7' R.H. +80

$\frac{5.3}{50} \frac{5.8}{34} \frac{4.5}{16} \frac{4.9}{44} \frac{5.0}{18} \frac{4.9}{28} \frac{4.9}{40}$

$\frac{5.1}{50} \frac{4.7}{22} \frac{5.0}{16} \frac{5.2}{49} \frac{5.6}{12} \frac{5.4}{16} \frac{5.8}{18} \frac{5.8}{30} \frac{5.8}{50}$

34.70

Water Shut Off

6.26

184 R.H. +40

$\frac{5.4}{50} \frac{6.0}{19} \frac{6.5}{15} \frac{6.0}{8} \frac{5.9}{5.9} \frac{6.5}{13} \frac{6.8}{16} \frac{6.4}{19} \frac{6.4}{33}$

$\frac{6.4}{50} \frac{6.8}{31} \frac{7.0}{17} \frac{7.4}{15} \frac{7.0}{7.0} \frac{7.3}{6} \frac{7.8}{12} \frac{7.9}{16} \frac{7.5}{18} \frac{7.5}{28} \frac{7.4}{50}$

H.I.

$\frac{6.4}{50} \frac{7.3}{31} \frac{6.19}{31} \frac{6.19}{30} \frac{7.3}{30} \frac{7.7}{25} \frac{8.1}{19} \frac{8.8}{8.0} \frac{8.5}{15} \frac{8.6}{18} \frac{8.5}{28} \frac{8.5}{50}$

8.30 32.66

2.77 33.17

(S.W. 21.5 L.H. +82.5 27) 33.24

$\frac{2.6}{50} \frac{3.6}{31} \frac{2.48}{31} \frac{2.48}{30} \frac{4.7}{30} \frac{4.3}{20}$

$\frac{4.3}{4.5} \frac{5.3}{13} \frac{5.3}{15} \frac{4.9}{15} \frac{4.9}{20} \frac{5.1}{27} \frac{4.4}{32} \frac{4.4}{41} \frac{4.39}{41} \frac{4.4}{50}$

31.69

Curb

32.30

31.83

33.99

Top M.H. 4.68 32.09

(2.92 + 22.75) Curb 31.87

$\frac{3.2}{50} \frac{3.8}{31} \frac{2.73}{31} \frac{2.73}{30} \frac{4.7}{30} \frac{4.1}{24} \frac{4.5}{19} \frac{4.7}{47} \frac{5.0}{14} \frac{5.4}{22} \frac{4.85}{22} \frac{4.55}{30} \frac{5.0}{30} \frac{4.5}{50}$

C.B. +13

Inv. 18" Vit

28.16

Inv. 24" C.C.

27.57

446 C.B. 100' 24" Conc.

8.72 28.00

Inv. 24" C.C. 10.43

26.29

C.B. +56

Inv. 12" C.M.

26.90

9.82

Inv. 12" C.M.

936.72

12+ 33

46

32.1

+ 60.90

44

32.3

B.M.

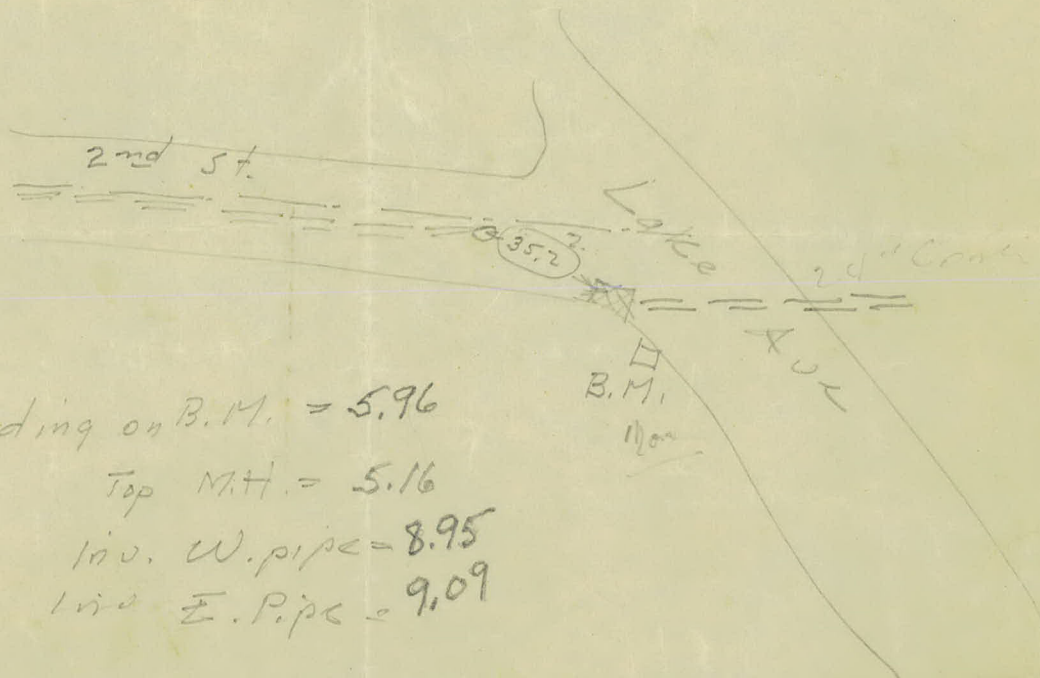
5.27

931.45

931.43

18" V.I.T.

plus and Dist out to M.H.
11+75 8' RT



Reading on B.M. = 5.96

" Top M.H. = 5.16

" Inv. W. pipe = 8.95

Inv. E. Pipe = 9.09

$$\begin{array}{r} 3672 \\ 448 \\ \hline 3224 \end{array}$$

$$\begin{array}{r} 40.96 \\ 617 \\ \hline 87 \end{array}$$

$$\begin{array}{r} 54386 \\ 619 \\ \hline 9887 \end{array}$$

(33.84)

31.90
Gutter 31.76
31.97

3.7	40	2.88	2.88	40	4.48	46	4.4	4.82	4.96	4.75	4.7	
50	31	31	30	30	15	15	4.6	29	47	48	49	50

32.49
32.00
32.07

31.89
31.74
31.95

4.7	4.9	4.9	4.0	4.23	4.72	4.65	4.83	4.98	4.77	4.8	4.9	
50	41	35	30	22	22	19	4.4	17	18	20	25	34

Top Mon. 30' R.L. S/L. 11+91

