Book 19, Dr. 13

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan ..... Survey

Alley ..... Also Profile of open Ditch

From 6th to 8th ..... To 3rd & 4th .....

Road Acc't. No. .....

Date Filed 11-7-45 ..... File 13 .....

PLAN SURVEY
ALLEY

Sixth to 8th Sts.
Bet
THIRD & FOURTH Sts.

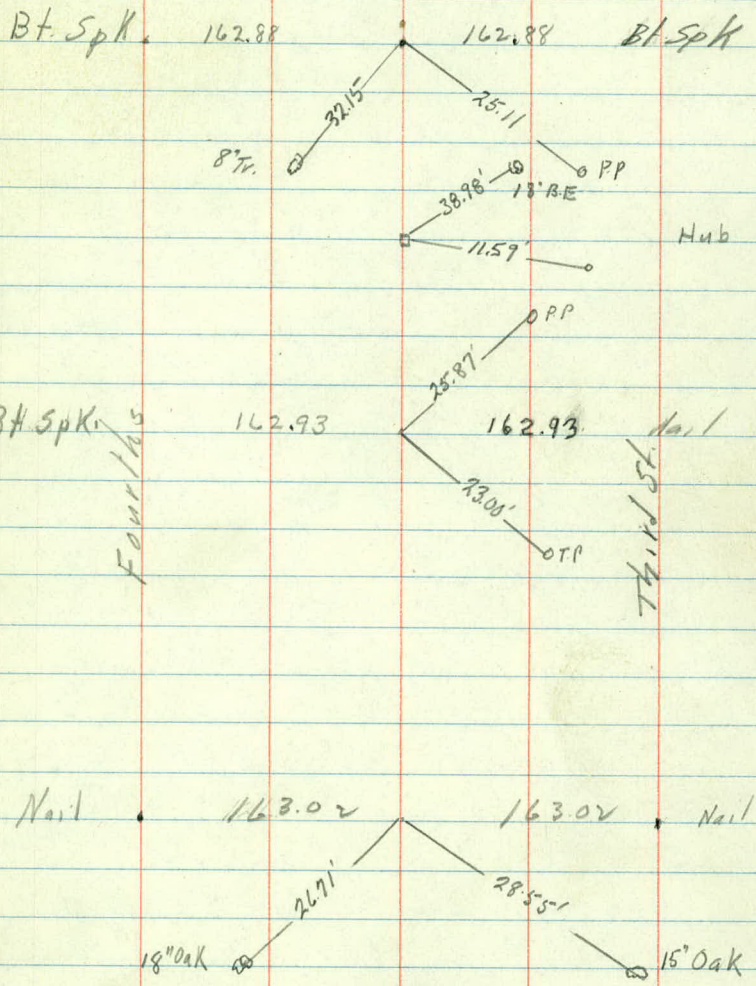
Index	Pages
Align	2 to 4
Topog.	4 to 8
X Sections	8 to 13

Notes Rec'd
Sept. 12-1945 W.P.
Drawn up 10/9/45 - L.D.G.
W.P.B.

Align

Sta	Point		Δ Lt	Δ Rt
13+16.86	P.O.T.	℄	Eight St.	
8+48.56	P.O.T.			
6+58.11	P.O.T.	℄	Seventh	
0+00		℄ S 1 x 1h		

Description



TOPOGRAPHY

Alley

6 1'-9'

+62 12" B.E 5'

+35 Cor Gar. 6'

+16 Radio Pole 7'

+60 Cor Ga. 25"

+54 P.P. 11
+50 End Garden

5 +00 Cor Gar 6' 0 9

+50 Beg Garden 15'

+45 Cor Gar 8.5

4 2' 5'

+07 P.P. 10.5'

+87 Bush 7'
+80 Bush 7'
+67 End Fe + Cor Gar 11'

+76 Cor Gar. 32'
Y End Garden
+49 Beg Garden 12'
+23 Cor Shed 12'

+54 Fe Cor 10'

+15 End Garden 10'

3 1' 6'

+68 Cor Rock Garden 6
+67 6" Tr. 5'5'
+60 Cor Rock Garden 6'
+49 cor Garden 2'
+47 Con 3' Conc Walk 1.8'
+98 Plum Tr. 12'
+77 Cor Gar 4'
+71 X Hedge 4'

+47 P.P. 9.5'

+35 Radio Pole 6.5'
+34 Cor Gar 8.0'

2 1'+9'

+75 Rose Bush 2'
+73 Fe Cor 5'
+65 Cor Slab 2.5 + 8.4'
+57 Cor Slab 2.5 + 8.4'
+56 Cor Gar. 8.4'
+38 Rose Bush 7'
+32 Edge Flower Garden
+31 Rose Bush 4'
+94 Radio Pole 5.5'
+93 Cor Gar 8'
+91 3" Pine 8.5'
+85 End Fe 4.2

1 1 6'

+93 Cor Gar 8.3'
+86 Pole 6'
+60 Ent

+78 P.P. 8'

+30 6' 3'

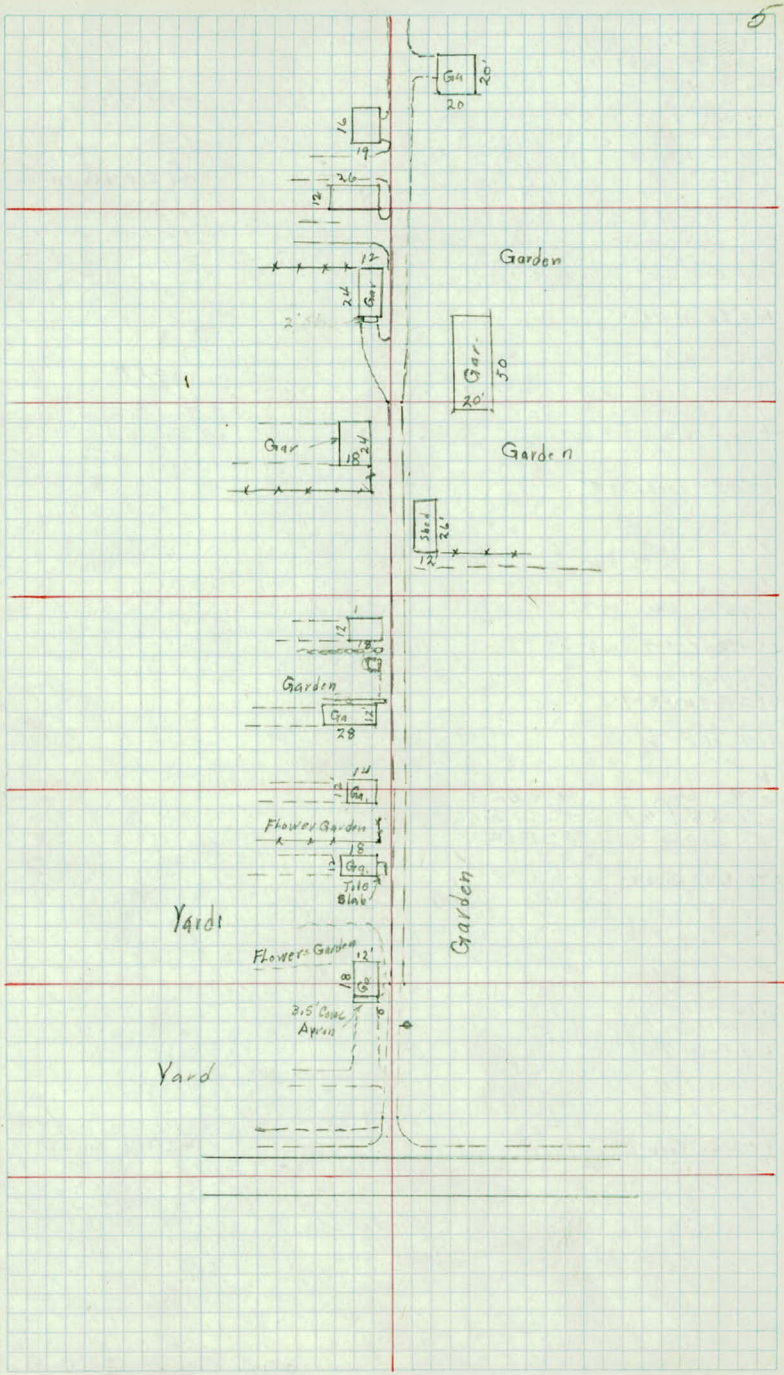
+15 Edge Shl.
+10 Edge Pave

+25 Beg Yard

+25 Cor Garden 12'

0

0-10 Edge Pave


Gar
20'
20
16
19
12'
26
12'
Garden
12'
24'
Gar
Gar
30
20'
Gar
15
24
Garden
Shed
22'
12'
1
12'
18
Garden
Gar
12'
28
14
12'
Gar
Flower Garden
18
12'
Gar
Tile
Slab
Yard
Garden
Flower Garden
12'
18
Gar
3.5' Cable
Awn
Yard

13 +33 4" Tr. 11'
+29 2" Apple 10
+26 SE Cor Coop 17'
+26 Fe Cor 9'
+19 4" Tr 8'
+12 X Fe 10'
+08 12" Elm 10'
+02 Fe Cor 9'

+85 8" Tr. 8'

+46 4" Pine 10'

10' 10'

+94 PP 12'

+70 2" Elm 10'
+61 2" Elm 10'
+55 2" Elm 10'
+49 2" Elm 13'
+34 End

+17 PP 9'

+01 Cor 5x5 Outha 13'

12
+71 3" Elm 7'
+66 Fe Cor 6'

+44 Fe Cor 6'

+30 SE Cor Gar 13'

+28 Cem 2' Cone Walk 8'

+81 36" Pop 6'

0 8

+99 S.W Cor Coop + Fe 20'

+92 4 in Fe 14'

0-8
+25 Beg Alley

+85 Fe Cor 15½-40'
+75 Group 4-4" Tr. 23'
+70 End Garden 21

+26 PP 7'

11
+86 SE Cor Gar 12'
+80 End Garden

+50 Beg Garden 7'

+25 End Garden 5'

10
+75 Beg Garden 10'
+42 Cor 4x4 Outha 7'
+29 Cor Shed 8'
+23 Fe Cor 5.5 x 7.5
+07 Cor Fe 6'

+84 PP 7.5'

9
+94 6" Elm 5'
+51 X Wall 44
+51 End Fe 4'

+86 6" B.E. 5'
+82 Cor Shed 6'
+82 End Fe 6'

+46 Rose Bush 3'

+71 10" B.E 4'
+55 Cor Shed 5'x Beg Fe

+06 Fe Cor 7'

+00 Beg Gar 17'
+87 18" B.E 18'
+45 PP 11
+25 Beg Gar 14.5
+25 End Wall + Fe 14.5

+06 Fe Cor + Cor Wall 15'

8
+77 Cor Gar 7'
+70 4x4 Outha 7'
+64 Fe Cor 9'

+44 Beg Fe 9'
+14 18" Tr. 7.5

+51 Fe Cor 16'

+02 Cor Gar 11'

+05 Cor Ho 22'

7
+76 End Rad 7'
+71 Beg 5' Rad 11.3

+71 Edge Effect Top
+59 x 7th
+45 Beg Bl Top

+81 PP 14'
+76 End Rad 7'
+71 Beg 5' Rad 11.7
+46 End Rad 12'
+42 TP 16'

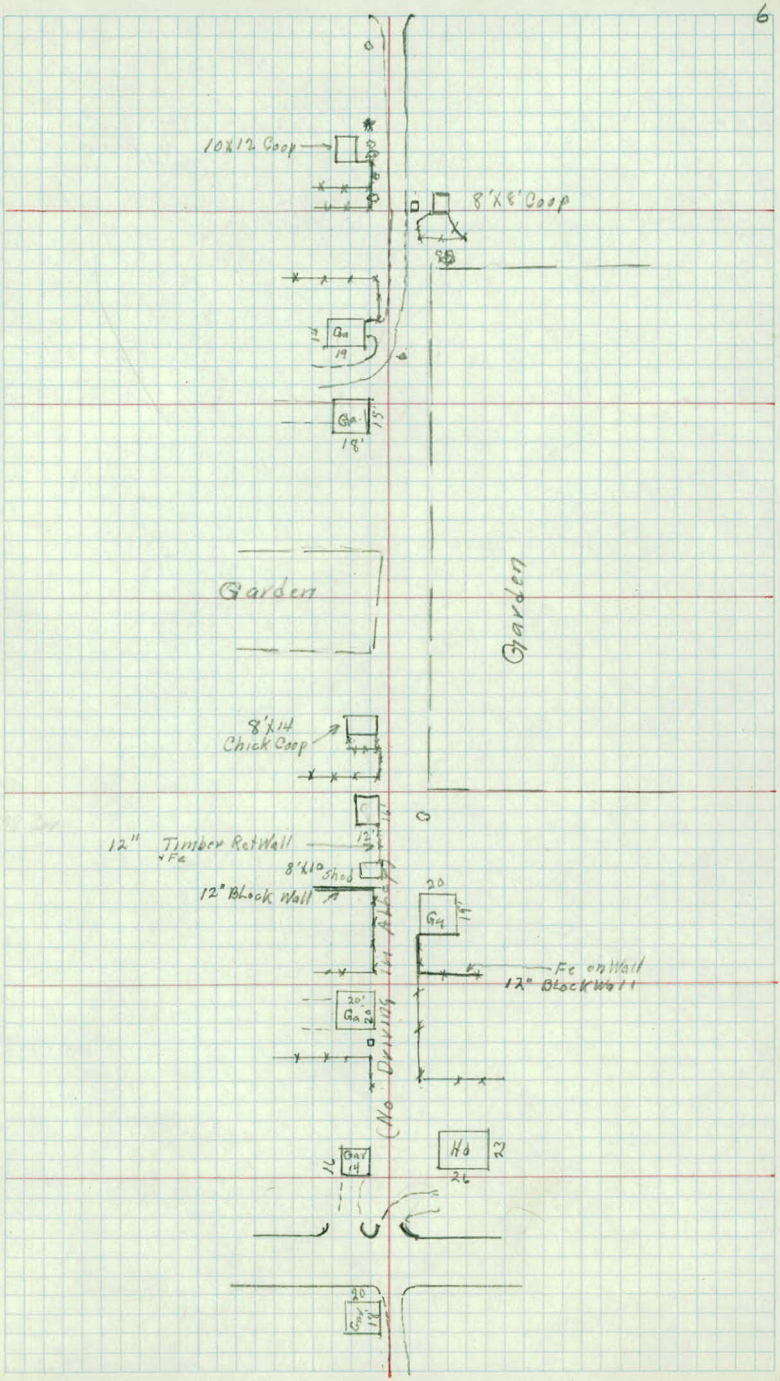
+45 End Rad 12.3'

+40 Beg 5' Rad 7.3'

+40 Beg 5' Rad 7

+18 Cor Gar 5'

6


10'X12' Coop
8'X8' Coop
Ga
19'
Ga
19'
15'
Garden
Garden
8'X14'
Chick Coop
12" Timber Retwall
Fe
8'X10' Shed
12" Block Wall
20'
Ga
19'
Fe on Wall
12" Block Wall
20'
Ga
19'
No Parking this Area
Gar
14'
Ho
26'
23'
20'
Gar
19'

14

+27 Edge BL. Top

+07 Edge Bk. Top

13

20' Blacktop

X Sections
Alley

Sta	+	Π	−	Elev	
B.M.	1.57	926.58		925.01	
0+00				22.1	✓
+10				21.9	✓
+15				21.7	✓
+23				20.9	✓
+50				18.6	✓
+94	Ga Lt				
1				17.1	✓
+50				16.9	✓
2				16.8	✓
+50				15.6	✓
T.P	4.56	919.88	11.26	915.32	
+74				15.2	✓
3				14.9	✓

Lt ℄ Rt

Top Hyd N.E Cor 3rd & Sixth

4.96/5.7 4.76/25 4.54 4.41/25 4.28/5.0

4.86/23 4.68 4.5.0/25

5.0/25 5.2/10 4.8/6 4.9 5.0/10 4.9/25

7.7/25 7.1/18 6.0/11 5.7 5.8/5 7.1/13 6.7/25

8.8/25 8.7/17 8.0/10 8.0 7.8/10 8.1/13 8.1/25

11.49

9.09
Top Slab Ga. Ht

11.69

8.91/Floor Ga. 9.2/8 9.5 9.4/8 9.4/25

10.0/25 10.0/14 10.0/9 9.7 9.8/9 9.4/11 9.7/14 9.7/25

10.1/25 10.0/13 9.9/8 9.8 10.2/3 10.3/5 9.9/25

15.98
Top Conwalk

10.8/25 10.8/7 10.70/2 11.0 11.0/8 10.4/10 10.1/25

6.1/30 6.1/14 4.7/4 4.5/2 4.7 4.6/7 4.4/15 4.1/25

6.4/25 5.7/12 4.8/3 5.0 4.9/6 4.7/8 3.7/18 3.6/25

Sta	+	HI	−	Elev	
		917.88			
3+50				915.1	✓
4				15.7	✓
+42				16.3	✓
+50		923.21		16.5	✓
T.P	6.13	923.15	2.80	917.08	
+77				17.6	✓
5				17.6	✓
+34		922.99		17.8 917.96	✓
T.P	4.33	922.23	5.25	917.90	✓
+60				18.3	✓
+80				18.2	✓
+86				18.1	✓
6				18.0	✓
+25				17.4	✓

AT	R	RT
✓ 5.6/25 5.1/14 4.8/6 4.6/4 4.9/2	4.8	4.8/5 4.6/7 3.9/12 3.4/20 ✓
✓ 4.7/25 4.2/11 4.2/2	4.2	4.1/2 4.1/5 3.5/8 2.4/25 ✓ 1.85/29 ✓
✓ 4.0/26 4.0/16 3.51/7	3.6	3.5/6 3.5/9 3.2/14 2.0/22 1.70/28 ✓
✓ 3.5/25 2.84/6 2.9/2	3.4	3.4/5 3.4/12 2.6/18 2.0/25 ✓
✓ 6.2/25 6.0/12 5.5/2	5.6	6.1/4 5.8/10 5.4/14 4.7/25 ✓
✓ 6.6/25 6.0/14 5.7/5	5.6	5.3/8 4.8/15 4.4/25 ✓
✓ 5.7/25 5.6/18 5.6/5	5.4	5.1/8 4.7/10 4.0/25 ✓
✓ 5.4/25 4.7/12 3.8/2	4.0	4.2/2 4.0/8 3.7/10 2.4/25 ✓
✓ 5.2/25 4.6/9 4.2/3	4.1	4.3/2 4.1/9 3.8/12 3.0/25 ✓
✓ 5.2/25 4.6/13 4.5/5 4.3/3	4.2	4.2/8 2.2/14 1.9/25 ✓
✓ 5.0/25 4.9/15 4.5/4	4.3	4.5/2 4.2/9 2.3/15 2.0/25 ✓
✓ 4.7/25 4.4/5 4.3/2	4.9	5.1/2 4.7/6 4.4/10 2.5/15 2.3/25 ✓

1.8.03

1.8.18

Sta	+	HI	−	Elev	
		922.23			
6+37				16.9	✓
+40		End Rad Rt + Lt			
+45				16.9	✓
+45				16.9	
+58				17.3	✓
		922.23		916.29	
BM	6.00		6.00	916.23	916.24
+71				16.9	
+71				16.9	✓
+76		End Rad Rt + Lt			
+89				17.9	✓
7				17.3	✓
+27				16.4	✓
+53				15.0	✓
T.P.					

Lt ℄ Rt

✓ 4.7/25 4.8/9 5.2/7 5.2/4 5.4/3 5.4 5.2/4 4.8/8 4.4/11 4.7/75 5.2/25 ✓

4.96/7 5.06/7

✓ Top Curb 5.46/25 5.19/12 5.7/9 5.4 5.3/4 5.4/10 Top Curb 5.08/14 5.25/25 ✓

✓ 6.1/25 5.4 5.8/25 ✓

✓ 6.2/50 5.5/25 5.0 5.0/17 5.3/37 5.7/60 ✓

Top Hyd S.W Cor Third Ave x 7th St.

5.7/25 5.4 5.7/25

✓ Curb 5.40/25 5.7/25 Top Curb 5.19/10 5.4/10 5.4 5.5/10 Top Curb 5.10/12 5.26/25 ✓

Top Curb 5.19/7 Top Curb 5.07/7

✓ 4.9/25 4.4/11 4.2/3 4.4 4.7/3 4.7/8 4.2/10 4.4/25 ✓

✓ 4.6/25 4.4/7 4.7/4 5.0 5.2/8 4.7/10 4.6/25 ✓

✓ 5.4/25 5.5/15 5.6/3 5.9 6.5/5 6.7/9 6.3/14 6.0/18 5.5/22 ✓

✓ 6.3/25 6.5/11 6.9/2 7.3 8.0/4 8.1/10 7.7/13 8.5/15 9.3/25 ✓

Stg	+	HI	−	Elev	
		922.26 922.23			
7+76				13.7	✓
		914.14		912.18	
T.P.	1.96	914.11	10.08	912.15	
8				11.5	✓
+07				11.0	✓
+08				11.0	✓
+43				08.4	✓
+51				06.7	✓
+52				06.2	✓
+80				03.3	✓
				01.0	✓
9		901.73		901.54	
T.P	0.19	901.70	12.60	901.51	
+50				897.0	✓
10				93.5	✓
+50				91.2	✓

Lt | ℄ | Rt

✓	7.3/25	7.5/14	8.0/5	8.6	9.2/4	9.5/11	11.3/17	11.6/25	✓
✓	6.3/25	1.0/14	1.6/1	2.6	2.9/3	3.4/6	3.7/13	4.4/16	5.7/25
✓	1.0/19	1.9/8	2.7/5	3.1	3.4/3	4.0/6	4.0/12	4.35/15	5.3/25 ✓
✓	2.1/25	2.5/13	2.8/6	3.1	3.440/3	4.0/6	4.35/12	10.8/15	10.7/25 ✓
✓	3.5/25	4.1/13	4.7/4	5.4/3	5.7	6.1/2	6.4/9	7.8/12	7.8/14	10.8/14	11.5/25 ✓
✓	4.40/23	4.62/3	6.8/3	7.4	7.8/1	8.7/9	9.8/12	11.9/20	12.4/26 ✓
✓	7.2/25	7.6/13		7.9	7.9/1	8.7/9	9.8/12	11.9/20	12.4/26 ✓
✓	7.5/25	8.3/15	8.3/6	10.9/6	10.8	11.7/8	13.8/18	14.7/24	✓
✓	8.3/25	11.7/7	12.3/6	13.1	13.7/8	15.5/15	16.3/25	✓
✓	3.7/25	4.3/11	4.7	5.5/9	7.1/15	7.0/25	✓
✓	7.0/25	7.5/7	8.0/4	8.2	8.7/7	9.6/13	9.5/18	8.8/20	9.5/25 ✓
✓	9.1/25	10.1/12	10.5	10.7/4	11.1/6	11.2/12	12.3/15	12.0/22 ✓

9.68, 9.81 Top Wall

9.71 Top Wall 9.49

Stg	+	~~901.73~~ 901.70	−	Elev	
				888.8	✓
11		890.01		888.29	
T.P.	1.72	889.98	13.44	888.26	
+50				85.5	✓
+66				84.7	✓
+68				84.6	✓
				83.0	✓
12		885.81		881.74	
T.P	4.07	885.77	8.27	881.71	
+43				81.7	✓
+50				81.7	✓
13				81.1	✓
+07		Gutter Line		80.8	
				81.1	
+16.86		℄ 8th		882.07	
B.M.			3.74	882.03	882.00

Lt ☆ Rt

12.5/25 12.2/11 13.0/4 12.9 13.4/12 14.4/16 14.5/25 ✓

✓ 3.7/25 3.9/14 4.1/2 4.5 4.3/3 4.4/10 4.9/20 5.3/25 ✓

✓ 3.5/25 4.3/7 4.7/6 4.8/2 5.3 5.5/2 5.1/4 5.5/7 5.3/9 5.6/19 6.4/25 ✓

✓ 6.3/28 6.2/15 5.3/7 4.8/2 5.4 5.5/2 5.1/4 5.5/7 5.3/9 5.6/19 6.4/25 ✓

✓ 7.3/25 7.3/9 7.0/2 7.0 7.3/8 7.0/11 7.2/25 ✓

✓ 5.8/25 5.4/17 5.0/7 4.0/5 4.1 4.1/7 4.2/15 4.0/25 ✓

✓ 3.2/25 3.7/16 4.1/7 4.1 4.3/8 4.4/16 4.4/25 ✓

✓ 4.6/25 4.6/14 4.8/11 4.7 4.9/10 4.5/14 4.8/25 ✓

✓ 4.1/100 4.7/50 4.9/25 5.0 5.1/25 5.1/50 5.2/100 ✓

3.9/100 4.5/50 4.6/25 4.7 4.9/25 5.0/50 5.1/100

Spk in Arc Lt Pole S.W Cor 8 4/4 + 3 rd

Profile From 8th St to
open ditch across park
at New Brighton

Drawn up in connection
with Alley 6th to 8th Sts
Between 3rd & 4th Aves. 10/9/45

LDG
WJB

Rec'd 9/26/45 WJB.

Sta	Point	Δ Lt.	Δ Rt	
17+98.13				= ℄ ditch
13+16.86		21°16½′		= ℄ 85

Sta	+	A	—	Elev.
B.M.	1.15	883.15		882.00
13+16.86				81.0
+29				80.9
+45				80.9
+53				79.2
14				78.8
+33				78.2
+65				77.5
15				77.0
+19				76.7
+51				76.9
+75				76.0
16				75.8

Lt.	℄	Rt.
	SPK in Arc Light Pole S.W. cor. 8th & 3rd	
	2.2	
	2.3	
	2.3	
	4.0	
	4.4	
	5.0	
	5.7	
	6.2	
	6.5	
	6.3	
	7.2	
	7.4	

STA	+	⊼ 883.15	−	ELEV
16+12				75.2
+27				74.9
+41				75.5
+66				75.8
17				75.2
+32				74.9
+56				74.6
+83				74.1
+91				72.7
+98				71.9
18				70.9
19+00				69.9

LT	℄	RT
	8.0	
	8.3	
	7.7	
	7.4	
	8.0	
	8.3	
	8.6	
	9.1	
	10.5	
	11.3	
℄ 3.0 DITCH BOTTOM	12.3	
	13.3	

STA	+	⊼ 883.15	−	ELEV	
20				69.2.	
21				68.4.	
	F.L. X DRAIN CO. RD F SO. END 30" CONC			67.43.	
B.M			1.14	882.01	882.00

LT & RT

14.0

14.8

FL
15.72

SPK IN LIGHT. POLE S.W. COR 8TH + 3RD

Top. g

13+28 = Edge Black Top