

Bk 4 - Dr 16

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

..... Plan Survey

..... LARPENTEUR AVE.

From Myrtle Ave To 2200' East

Road Acc't. No.

Date Filed 10-26-39

File

Plan Survey

Larpeur Ave

Myrtle Ave East

Completed - 5/12/39

R. Paase
H. Wilke
A. Moeschter
L. Goldberg } Party

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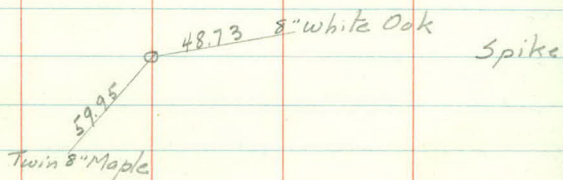
Lay New Grade Between
Sta. 0+00 & 8+00 Only

Sta	Pt	Lt	Angle	Rt
-----	----	----	-------	----

22+00	P.O.T.			
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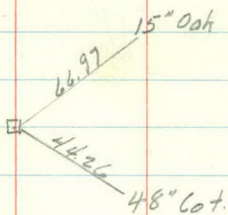
16+46.7	P.I.		0° 02'	
---------	------	--	--------	--

0+00	P.O.T.		± Myrtle Ave.	
------	--------	--	---------------	--

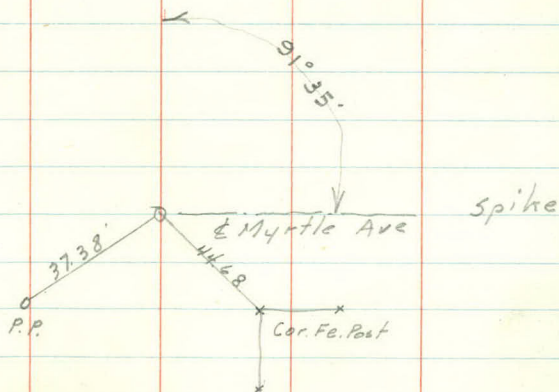


← Z

Mon. $3\frac{1}{4}$ Cor Sec 13

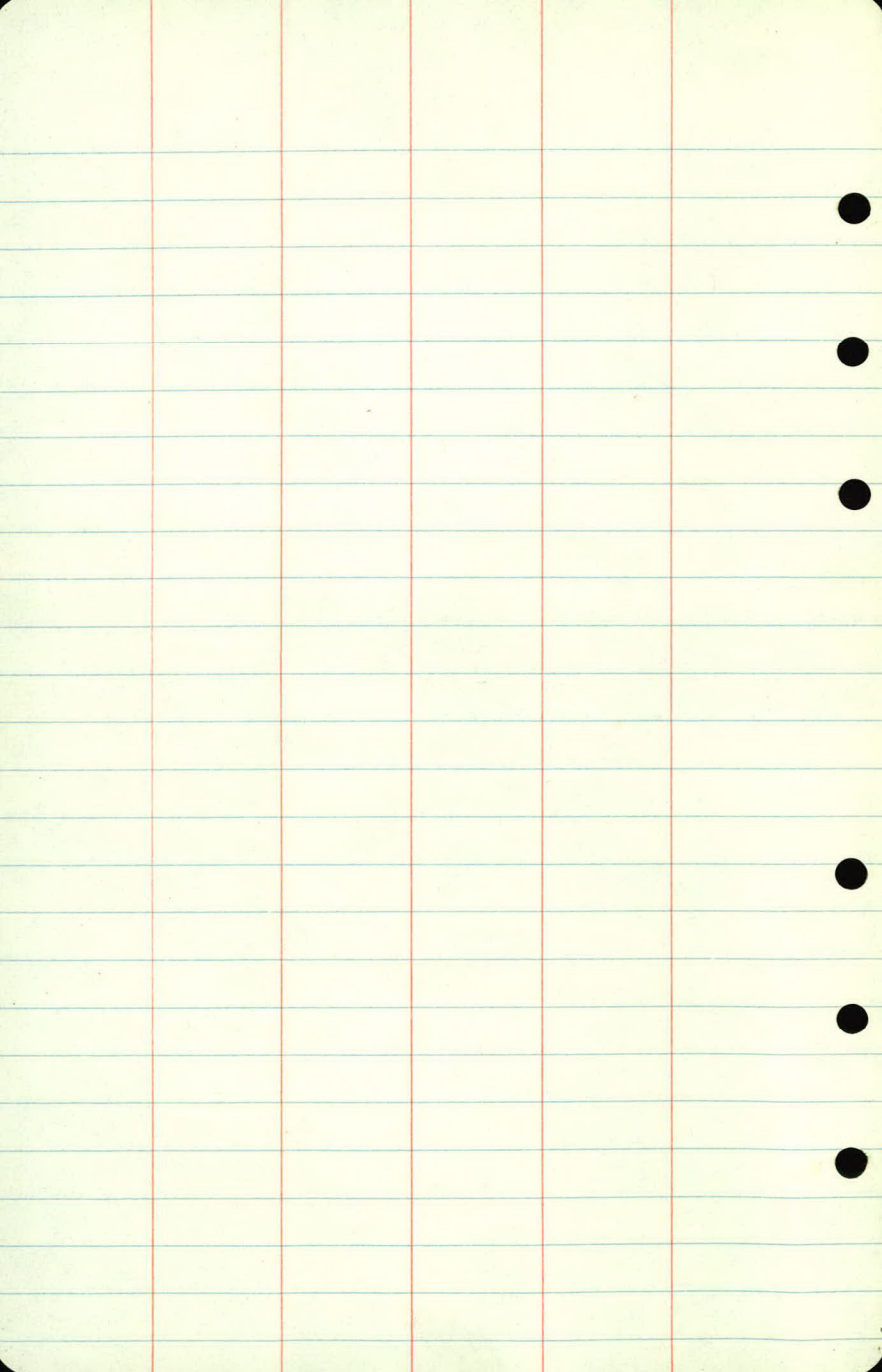


Mon.



Spike

E Myrtle Ave



Topography

LARPENTEUR AVE.

Myrtle Ave East

+45 Pipe line x 2 1/2
+38 Pipe line x 2 1/2

6 6 14

5 6 14

4 6 13

3 7 12

2 7 13

1 24 +93 12" x 46' CM 13 22

0 7 10

Fe - 31

+55 PP 28
+45 Standpipe 22
+40 Standpipe 31

+27 Swamp End 24'
Swamp 27-75
Fe 23

+50 Swamp 26-125

Swamp 26 200
Fe 26
+91 PP 28

Swamp 26
Fe 24

+80 Swp 25-125
+73 Fe 23
+60 Bay Sup 50

+26 PP 28
Fe 36

+65 End Sw 26-125
+55 Fe 28

+09 PP 28
Fe 27
Swamp 24-150

Fe 24
Swamp 22-200
+92 PP 28

+50 Swamp 24-150

Fe 35
0-26 Bay Sup. 35

Swamp

Swamp

Cultivated

+85.6" Tree - 31
+67 Ent
12"x10 CM-21

+57 Fe Cor 33

+38 Stand Pipe 31

Fe 33
+97.6" Driveth 25-33
+74 End Row Trees 35

Fe 33

+99 X Fe 33
+84 Bay Row Trees 35
+75 Ent
12"x16 CM 23

+38 Cor. Ho. 71
+29 Fe Cor 36
+29 PP 29
+10 6" BE - 33

+60 4" BE 34
+50 Cor Ho - 74
+35 Ent
+22 Ent
+29 Begin Fe 33
+04 PP 30
Fe 33

+70 Ent
12"x20 CM 22

+30 Fe Cor 33
+19 Ent
12"x20 CM 22

+30 Bay Hedge 32
+00 Cult. 15"x38' 22
Myrtle St 20' Graveled

9 10

13 9 11

12 9 11

11 8 11

10 7 11

9 7 12

8 34 + 09 12" x 58' 6M 24
6 14

7 6 14

Swamp 50
Fe 26

Swamp

+89 Ent
12"x22' CM. 22

Bog Swamp 150.
Fe 32

Fe 33

Uncultivated

Cultivated

Fe 37

+62

Fe 38'

+94 Ent

Fe 37

Uncultivated

Yards

+35 End Swamp 39' - 200
+16 PP 28
Swamp 37-200
Fe 39

+24 Ent.
12"x20' CM 31
+13 PP 47'

+75 Swamp 99
+50 Bog Swamp 75

Fe 37

8 10

19

8 12

18

8 11

17

7 12

16

7 12

16

+ 91 ¹² ¹²
- 120 x 47.12 CM (skewed)

15

12 12

14

9 10

Fe 33

Fe 42 (6)

+150 Fe 54

Fe 33
+ 91 Rge tie ditch
+ 84 Ditch 25

Bag Fe Cor. - 65

2 Ditch 1

Wooded

Fe 31
Swamp 31
+ 65 Bag Swamp 33

End Swamp 24

Swamp

+ 40 Swamp 25

Fe 33

Bag Swamp 75

Cultivated

+ 35 Fe Cor 32
+ 17 Fe Cor. 26
+ 25 Ent
18 x 24 Conc. 22
Fe 26
End Swamp 26-75
+ 83 N End Culu 25

Fe 26
Swamp 26-120

Wooded

+ 50 Bag Frost Boil

Swamp

Frost Boil

+ 15 Swamp 26
Swamp 50
Fe 26

+ 30
Cult.

31

+41- 12" x 70' CM

39.

22

8

10

21

9

10

18

+42. 18" x 50' CM

32

20

8

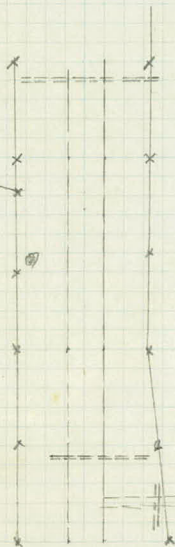
10

FC 33 x
+ 81 FC Cor. 34
+ 72 Rge Tie FC
+ 45-15" Oak 38

FC 33

FC 33

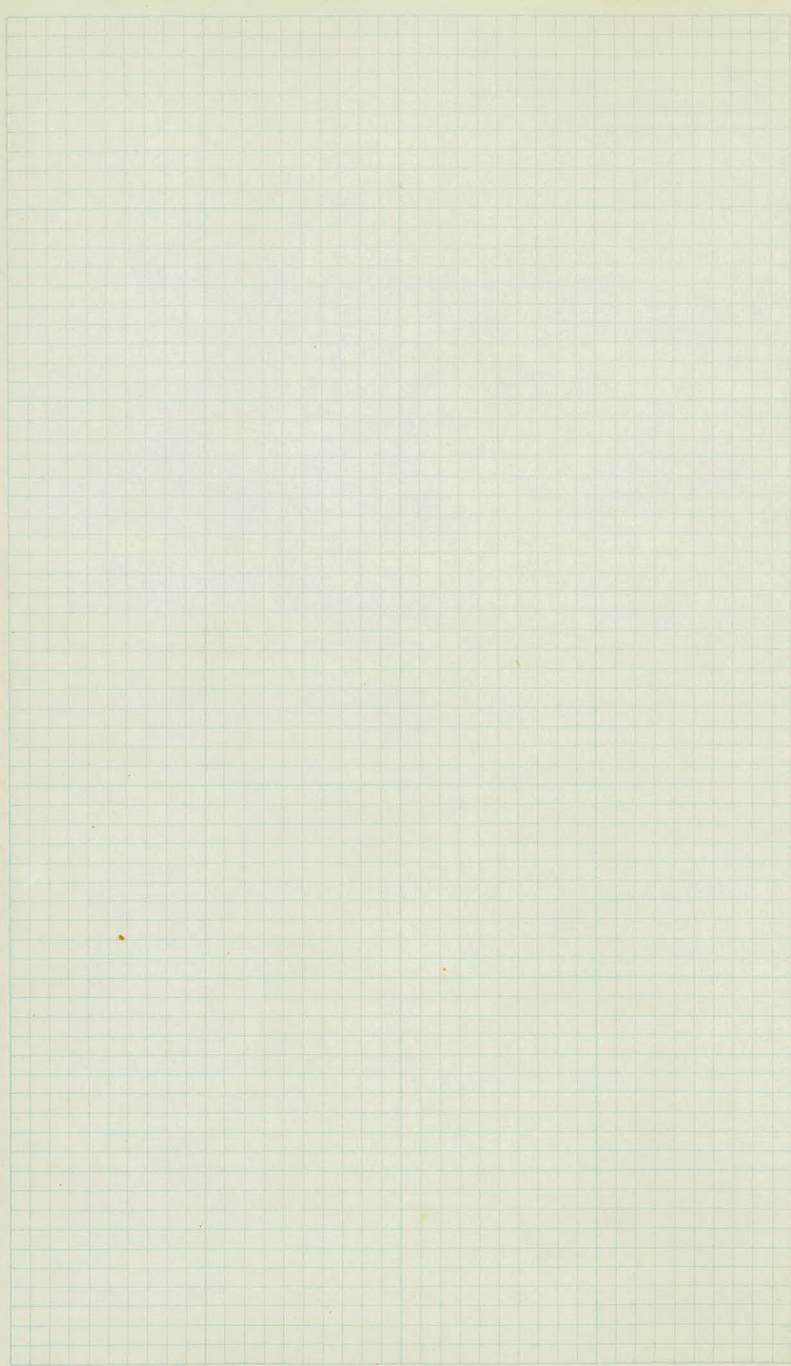
Cultivated



FC 34

FC 33

+ 21 Ent
15" x 20' 14 37
FR 42



LARPENTEUR AVE.

Myrtle Ave East.

Cross Sections

Sta	+	π	-	Elev
B. M.	7.55	10 10.00.		1002.45
T. P.	7.65	10 17.36	0.29	1009.71.
T. P.	6.34	10 20.21.	3.49	1013.87.
0 + 00	E Myrtle Ave.		2.8	17.4
+ 11			3.2	17.0
+ 15			3.4	16.8
+ 18			3.5	16.7
+ 50			4.7	15.5
1			5.4	14.8
+ 50			5.2	15.0
2			4.7	15.5
+ 50			4.4	15.8
3			4.6	15.6
+ 50			5.0	15.2

S.W. Cor Mon - 5¹/₄ Cor Sec. 13-

12.7	13.1	17.0	17.1	17.4			
$\frac{7.5}{50}$	$\frac{7.1}{32}$	$\frac{3.2}{17}$	$\frac{3.1}{9}$	2.8	$\frac{2.7}{11}$	$\frac{2.0}{29}$	$\frac{1.8}{50}$

11.8	13.2	16.7	17.0			
$\frac{8.4}{50}$	$\frac{7.0}{32}$	$\frac{3.5}{16}$	$\frac{3.2}{10}$	$\frac{2.4}{35}$	$\frac{2.2}{50}$	

11.8	13.2	16.8	16.8			
$\frac{8.4}{50}$	$\frac{7.0}{32}$	$\frac{3.4}{16}$	$\frac{3.4}{10}$	$\frac{4.0}{34}$	$\frac{4.3}{50}$	

11.8	13.2	16.7	16.7			
$\frac{8.4}{50}$	$\frac{7.0}{35}$	$\frac{3.5}{17}$	$\frac{3.4}{11}$	$\frac{3.0}{35}$	$\frac{2.7}{50}$	

13.1	13.0	13.4	15.3	15.5			
$\frac{7.1}{75}$	$\frac{7.2}{50}$	$\frac{6.8}{26}$	$\frac{4.9}{13}$	4.7	$\frac{4.7}{17}$	$\frac{5.8}{21-25}$	$\frac{4.2}{29}$ $\frac{3.6}{50}$

12.9	13.2	13.2	14.6	14.8			
$\frac{7.3}{75}$	$\frac{7.0}{50}$	$\frac{7.0}{23}$	$\frac{5.6}{15}$	$\frac{5.4}{54}$	$\frac{5.5}{18}$	$\frac{6.9}{21-24}$	$\frac{4.9}{28}$ $\frac{5.6}{50}$

12.9	12.3	13.3	14.8	15.0			
$\frac{7.3}{75}$	$\frac{7.9}{50}$	$\frac{6.9}{23}$	$\frac{5.4}{15}$	5.2	$\frac{5.4}{17}$	$\frac{6.5}{21-25}$	$\frac{4.8}{29}$ $\frac{3.5}{50}$

Low Spot in Swamp

12.4	12.0	12.9	13.3	15.1	15.5			
$\frac{7.8}{75}$	$\frac{8.2}{60}$	$\frac{7.3}{50}$	$\frac{6.9}{23}$	$\frac{5.1}{16}$	4.7	$\frac{6.2}{15}$	$\frac{2.9}{20-24}$	$\frac{2.1}{30}$ $\frac{10.9}{38}$ $\frac{50}{50}$

12.5	12.4	12.7	13.2	15.5	15.8			
$\frac{7.7}{75}$	$\frac{7.8}{50}$	$\frac{7.5}{28}$	$\frac{7.0}{26}$	$\frac{4.7}{17}$	4.4	$\frac{4.3}{17}$	$\frac{5.6}{20-25}$	$\frac{3.5}{31}$ $\frac{2.8}{36}$ $\frac{0.6}{42}$ $\frac{0.0}{50}$

18.3	18.2	13.2	15.2	15.6			
$\frac{1.9}{50}$	$\frac{2.0}{33}$	$\frac{7.0}{23-22}$	$\frac{5.0}{21}$	4.6	$\frac{4.6}{17}$	$\frac{6.2}{22-25}$	$\frac{3.7}{30}$ $\frac{3.1}{41}$ $\frac{0.8}{50}$

13.1	13.7	14.6	13.4	12.7	14.8		
$\frac{7.1}{50}$	$\frac{6.5}{34}$	$\frac{5.6}{27}$	$\frac{6.8}{24}$	$\frac{7.5}{23-22}$	$\frac{5.4}{18}$	$\frac{5.1}{16}$	$\frac{6.7}{22}$ $\frac{4.4}{24}$ $\frac{3.9}{29}$ $\frac{50}{50}$

Sta	+	π	-	Elev.
		1020.21		
4			6.3	13.9
+50			6.9	13.3
5			7.1	13.1
+50			7.2	13.0
6			6.7	13.5
T.P.	3.61	1017.17	6.65	1013.56
+50			3.2	14.0
+70			3.3	13.9
7			3.6	13.6
+50			4.2	13.0
8			4.6	12.6
+09	12" C. 1/2		4.6	12.6
+50				12.6

11.7 11.4 11.7 13.5 9
 $\frac{8.5}{75}$ $\frac{8.8}{50}$ $\frac{8.5}{24}$ $\frac{6.7}{16}$ $\frac{13.1}{63}$ $\frac{6.5}{15}$ $\frac{7.8}{21-25}$ $\frac{6.7}{29}$ $\frac{6.6}{34}$ $\frac{7.1}{38}$ $\frac{7.4}{50}$

11.5 11.8 11.4 11.9 12.9 13.3
 $\frac{8.7}{75}$ $\frac{8.4}{50}$ $\frac{8.8}{25}$ $\frac{8.3}{20}$ $\frac{7.3}{17}$ $\frac{13.3}{69}$ $\frac{7.0}{17}$ $\frac{8.6}{22-25}$ $\frac{8.0}{27}$ $\frac{8.6}{35}$ $\frac{8.5}{50}$

11.6 11.8 11.3 11.8 12.6 13.1
 $\frac{8.6}{75}$ $\frac{8.4}{50}$ $\frac{8.9}{26}$ $\frac{8.4}{20}$ $\frac{7.6}{16}$ $\frac{13.1}{7.1}$ $\frac{7.4}{17}$ $\frac{8.8}{23-26}$ $\frac{8.1}{27}$ $\frac{8.9}{34}$ $\frac{9.0}{50}$

11.4 11.3 11.5 12.7 13.0
 $\frac{8.8}{75}$ $\frac{8.9}{50}$ $\frac{8.7}{24}$ $\frac{7.5}{19}$ $\frac{13.0}{7.2}$ $\frac{7.3}{16}$ $\frac{9.0}{21-24}$ $\frac{8.4}{27}$ $\frac{9.0}{34}$ $\frac{9.1}{50}$

13.817 F.L. - 6" T/L 6.4 10.9 13.2 13.5
 $\frac{9.8}{75}$ $\frac{9.7}{50}$ $\frac{10.5}{26}$ $\frac{9.3}{19}$ $\frac{7.0}{6.7}$ $\frac{10.1}{16}$ $\frac{7.1}{22-24}$ $\frac{9.8}{28}$ $\frac{7.9}{34}$ $\frac{8.8}{50}$

14.7 14.2 13.4 11.6 13.7 14.0
 $\frac{2.5}{50}$ $\frac{3.0}{33}$ $\frac{3.8}{27}$ $\frac{5.6}{24-22}$ $\frac{3.5}{20}$ $\frac{14.0}{3.2}$ $\frac{3.5}{17}$ $\frac{6.6}{21-24}$ $\frac{4.2}{28}$ $\frac{3.9}{36}$ $\frac{4.2}{50}$

16.9 17.2 11.6 13.4 13.9
 $\frac{0.3}{50}$ $\frac{0.0}{34}$ $\frac{5.6}{24-22}$ $\frac{3.8}{19}$ $\frac{13.9}{3.3}$ $\frac{3.8}{16}$ $\frac{6.7}{21-24}$ $\frac{2.8}{31}$ $\frac{2.2}{50}$

15.1 15.7 11.3 13.0 13.6
 $\frac{2.1}{50}$ $\frac{1.5}{33}$ $\frac{5.9}{24-22}$ $\frac{4.2}{19}$ $\frac{13.6}{3.6}$ $\frac{4.1}{16}$ $\frac{6.7}{21-24}$ $\frac{2.3}{31}$ $\frac{2.4}{50}$

08.0 08.7 09.8 9.0 12.6 13.0
 $\frac{9.2}{75}$ $\frac{8.5}{50}$ $\frac{7.4}{35}$ $\frac{8.2}{33-32}$ $\frac{4.6}{16}$ $\frac{13.0}{4.2}$ $\frac{4.6}{15}$ $\frac{7.0}{21-24}$ $\frac{5.0}{28}$ $\frac{5.0}{50}$

12.8 15.6 16.2 07.20 12.1 12.6
 $\frac{11.4}{100}$ $\frac{11.6}{75}$ $\frac{11.0}{50}$ $\frac{10.0}{39}$ $\frac{5.1}{15}$ $\frac{12.6}{4.6}$ $\frac{4.9}{16}$ $\frac{7.7}{23-25}$ $\frac{7.2}{32}$ $\frac{7.4}{50}$

06.3 07.2 07.07 F.L. 12.1 12.6 08.87 F.L.
 $\frac{10.9}{50}$ $\frac{10.0}{40}$ $\frac{10.1}{34}$ $\frac{5.1}{15}$ $\frac{4.6}{4.6}$ $\frac{4.9}{15}$ $\frac{8.3}{24}$ $\frac{8.3}{25}$ $\frac{7.2}{32}$ $\frac{7.0}{50}$

07.0 07.5 08.0 08.6 12.2 12.6
 $\frac{10.2}{75}$ $\frac{9.7}{50}$ $\frac{9.2}{38}$ $\frac{8.6}{32}$ $\frac{5.0}{17}$ $\frac{12.6}{4.6}$ $\frac{5.2}{18}$ $\frac{6.5}{25}$ $\frac{7.7}{30}$ $\frac{7.5}{50}$

Sta	+	π	-	Elev.
-----	---	-------	---	-------

1017.17

9			4.6	12.6
---	--	--	-----	------

+50			4.4	12.8
-----	--	--	-----	------

10			4.2	13.0
----	--	--	-----	------

+50			4.4	12.8
-----	--	--	-----	------

11			4.7	12.5
----	--	--	-----	------

T.P.	1.76	1013.97	4.96	1012.21
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+68			3.1	10.9
-----	--	--	-----	------

12			3.9	10.1
----	--	--	-----	------

+67			5.4	08.6
-----	--	--	-----	------

13			6.3	07.7
----	--	--	-----	------

+50			7.8	06.2
-----	--	--	-----	------

14			9.2	04.8
----	--	--	-----	------

+50			10.2	03.8
-----	--	--	------	------

$$\begin{array}{ccccccccc}
 0.8 & 0.8 & 0.2 & 1.0 & & & & & \\
 8.4 & 8.4 & 8.0 & 5.2 & & 5.1 & 6.0 & 6.3 & 7.0 & 6.7 \\
 \hline
 50 & 38 & 30 & 17 & 4.6 & 18 & 21 & 26 & 29 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 7.2 & 6.6 & 4.8 & & 4.9 & 5.4 & 5.6 & 5.1 & 5.6 & 5.2 \\
 \hline
 50 & 24 & 16 & 4.4 & 19 & 20 & 23 & 25 & 30 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 4.9 & 4.5 & 5.3 & 4.7 & & 4.2 & 5.3 & & 4.6 & 2.9 \\
 \hline
 50 & 27 & 24 & 16 & 4.2 & 18 & 20-25 & 29 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 2.8 & 2.2 & 5.5 & 4.8 & & 4.6 & 5.4 & & 1.1 & 0.0 \\
 \hline
 50 & 33 & 25-21 & 17 & 4.4 & 15 & 20-25 & 32 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 3.4 & 2.4 & 6.3 & 5.2 & & 5.0 & 6.0 & 4.0.8 & 2.1 \\
 \hline
 50 & 34 & 25-22 & 18 & 4.7 & 16 & 20-24 & 33 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 3.5 & 3.1 & 4.9 & 4.9 & 3.7 & 3.2 & 4.8 & 4.8 & 1.2 & 0.0 \\
 \hline
 50 & 30 & 26 & 22 & 18 & 3.1 & 16 & 21 & 24 & 32 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 4.9 & 3.9 & 5.5 & 5.5 & 4.4 & 4.2 & 5.2 & 5.2 & 1.7 & 1.2 \\
 \hline
 50 & 30 & 25 & 22 & 18 & 3.9 & 15 & 21 & 24 & 32 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 7.9 & 4.8 & 7.3 & 7.3 & 6.0 & 5.8 & 7.0 & 7.0+1.5 & 4.5 & \\
 \hline
 50 & 29 & 24 & 22 & 18 & 5.4 & 18 & 22 & 24 & 36 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 8.8 & 5.6 & 8.1 & 8.1 & 6.9 & 6.7 & 7.9 & 7.9 & 4.6 & 4.0.8 \\
 \hline
 50 & 30 & 24 & 22 & 17 & 6.3 & 18 & 22 & 24 & 32 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 13.1 & 12.4 & 10.5 & 9.9 & 8.4 & 8.2 & 9.5 & 9.5 & 7.1 & 5.7 & 5.2 \\
 \hline
 75 & 46 & 35 & 23 & 19 & 7.8 & 17 & 21 & 23 & 29 & 34 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 13.9 & 13.5 & 12.1 & 9.6 & & 9.5 & & 10.9 & 10.7 & 10.7 \\
 \hline
 75 & 50 & 26 & 17 & 9.2 & 16 & & 22 & 30 & 50
 \end{array}$$

$$\begin{array}{ccccccccc}
 14.0 & 14.0 & 14.1 & 11.5 & 10.5 & 10.3 & 12.1 & 12.5 & 11.7 & \\
 \hline
 75 & 50 & 40 & 27 & 15 & 10.2 & 17 & 22 & 43 & 50
 \end{array}$$

Sta	+	π	-	Elev
-----	---	-------	---	------

1013.97

15			11.2	02.8
----	--	--	------	------

+50			11.6	02.4
-----	--	--	------	------

+91	CMX Proin		11.3	02.7
-----	-----------	--	------	------

16			11.3	02.7
----	--	--	------	------

+50	Mosquito		11.7	02.3
-----	----------	--	------	------

+83			12.5	01.5
-----	--	--	------	------

B.M.	0.26	1002.71	11.52	1002.45
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17+27			2.7	00.0
-------	--	--	-----	------

+62			3.9	98.8
-----	--	--	-----	------

18			4.6	98.1
----	--	--	-----	------

+50			5.1	97.6
-----	--	--	-----	------

Profile of Ditch

19			5.2	97.5
----	--	--	-----	------

+50			5.7	97.0
-----	--	--	-----	------

20			6.1	96.6
----	--	--	-----	------

L+

Z

Rx

$$\begin{array}{r} 14.2 \\ 75 \end{array} \quad \begin{array}{r} 14.2 \\ 50 \end{array} \quad \begin{array}{r} 14.0 \\ 27 \end{array} \quad \begin{array}{r} 11.2 \\ 17 \end{array} \quad 11.2 \quad \begin{array}{r} 11.3 \\ 18 \end{array} \quad \begin{array}{r} 12.7 \\ 22 \end{array} \quad \begin{array}{r} 13.3 \\ 27 \end{array} \quad \begin{array}{r} 12.7 \\ 50 \end{array}$$

$$\begin{array}{r} 14.2 \\ 75 \end{array} \quad \begin{array}{r} 14.2 \\ 50 \end{array} \quad \begin{array}{r} 13.9 \\ 26 \end{array} \quad \begin{array}{r} 11.6 \\ 16 \end{array} \quad 11.6 \quad \begin{array}{r} 11.6 \\ 16 \end{array} \quad \begin{array}{r} 13.1 \\ 22 \end{array} \quad \begin{array}{r} 13.5 \\ 30 \end{array} \quad \begin{array}{r} 13.1 \\ 50 \end{array}$$

$$\begin{array}{r} 14.2 \\ 75 \end{array} \quad \begin{array}{r} 14.2 \\ 50 \end{array} \quad \begin{array}{r} 13.2 \\ \text{Flowline} \end{array} \quad \begin{array}{r} 11.7 \\ 16 \end{array} \quad 11.3 \quad \begin{array}{r} 11.6 \\ 18 \end{array} \quad \begin{array}{r} 13.1 \\ 22 \end{array} \quad \begin{array}{r} 13.6 \\ \text{Flowline} \end{array} \quad \begin{array}{r} 13.2 \\ 26 \end{array} \quad \begin{array}{r} 11.8 \\ 50 \end{array}$$

$$\begin{array}{r} 13.0 \\ 75 \end{array} \quad \begin{array}{r} 13.2 \\ 50 \end{array} \quad \begin{array}{r} 12.9 \\ 27 \end{array} \quad \begin{array}{r} 14.2 \\ 25 \end{array} \quad \begin{array}{r} 14.2 \\ 23 \end{array} \quad \begin{array}{r} 11.7 \\ 16 \end{array} \quad 11.3 \quad \begin{array}{r} 11.6 \\ 18 \end{array} \quad \begin{array}{r} 13.1 \\ 22 \end{array} \quad \begin{array}{r} 12.2 \\ 26 \end{array} \quad \begin{array}{r} 11.8 \\ 50 \end{array}$$

$$\begin{array}{r} 9.2 \\ 50 \end{array} \quad \begin{array}{r} 9.2 \\ 30 \end{array} \quad \begin{array}{r} 14.9 \\ 24 \end{array} \quad \begin{array}{r} 14.5 \\ 21 \end{array} \quad \begin{array}{r} 12.1 \\ 17 \end{array} \quad 11.7 \quad \begin{array}{r} 12.5 \\ 18 \end{array} \quad \begin{array}{r} 13.3 \\ 21 \end{array} \quad \begin{array}{r} 13.3 \\ 24 \end{array} \quad \begin{array}{r} 11.4 \\ 29 \end{array} \quad \begin{array}{r} 13.5 \\ 50 \end{array}$$

$$\begin{array}{r} 5.1 \\ 50 \end{array} \quad \begin{array}{r} 6.5 \\ 34 \end{array} \quad \begin{array}{r} 15.1 \\ 23 \end{array} \quad \begin{array}{r} 15.1 \\ 21 \end{array} \quad \begin{array}{r} 13.2 \\ 18 \end{array} \quad 12.5 \quad \begin{array}{r} 13.1 \\ 18 \end{array} \quad \begin{array}{r} 14.2 \\ 22 \end{array} \quad \begin{array}{r} 14.2 \\ 24 \end{array} \quad \begin{array}{r} 11.4 \\ 29 \end{array} \quad \begin{array}{r} 13.4 \\ 50 \end{array}$$

SW Cor S⁴ Cor Sec. 13

$$\begin{array}{r} 1.9 \\ 50 \end{array} \quad \begin{array}{r} 1.9 \\ 29 \end{array} \quad \begin{array}{r} 4.3 \\ 23-21 \end{array} \quad \begin{array}{r} 3.0 \\ 16 \end{array} \quad 2.7 \quad \begin{array}{r} 3.1 \\ 17 \end{array} \quad \begin{array}{r} 4.0 \\ 20-24 \end{array} \quad \begin{array}{r} 3.3 \\ 27 \end{array} \quad \begin{array}{r} 3.5 \\ 37 \end{array} \quad \begin{array}{r} 4.2 \\ 50 \end{array}$$

$$\begin{array}{r} 5.7 \\ 50 \end{array} \quad \begin{array}{r} 5.6 \\ 36 \end{array} \quad \begin{array}{r} 4.7 \\ 28-24 \end{array} \quad \begin{array}{r} 5.7 \\ 22-21 \end{array} \quad \begin{array}{r} 5.0 \\ 19 \end{array} \quad 3.9 \quad \begin{array}{r} 4.3 \\ 17 \end{array} \quad \begin{array}{r} 6.0 \\ 25 \end{array} \quad \begin{array}{r} 6.0 \\ 50 \end{array}$$

$$\begin{array}{r} 6.8 \\ 75 \end{array} \quad \begin{array}{r} 6.8 \\ 50 \end{array} \quad \begin{array}{r} 4.7 \\ 33 \end{array} \quad \begin{array}{r} 5.7 \\ 28-24 \end{array} \quad \begin{array}{r} 6.8 \\ 23-21 \end{array} \quad \begin{array}{r} 5.3 \\ 19 \end{array} \quad \begin{array}{r} 5.0 \\ 8 \end{array} \quad 4.6 \quad \begin{array}{r} 5.1 \\ 20 \end{array} \quad \begin{array}{r} 6.3 \\ 26 \end{array} \quad \begin{array}{r} 5.7 \\ 32 \end{array} \quad \begin{array}{r} 5.6 \\ 50 \end{array}$$

$$\begin{array}{r} 6.5 \\ 75 \end{array} \quad \begin{array}{r} 6.5 \\ 50 \end{array} \quad \begin{array}{r} 6.5 \\ 32 \end{array} \quad \begin{array}{r} 6.1 \\ 30-26 \end{array} \quad \begin{array}{r} 6.7 \\ 23-21 \end{array} \quad \begin{array}{r} 5.8 \\ 20 \end{array} \quad \begin{array}{r} 6.4 \\ 15 \end{array} \quad 5.1 \quad \begin{array}{r} 5.3 \\ 17 \end{array} \quad \begin{array}{r} 6.2 \\ 21 \end{array} \quad \begin{array}{r} 6.6 \\ 22-24 \end{array} \quad \begin{array}{r} 3.4 \\ 31 \end{array} \quad \begin{array}{r} 1.3 \\ 50 \end{array}$$

$$\begin{array}{r} 7.7 \\ 200 \end{array} \quad \begin{array}{r} 7.6 \\ 150 \end{array} \quad \begin{array}{r} 7.5 \\ 100 \end{array} \quad \begin{array}{r} 6.7 \\ 50 \end{array} \quad \begin{array}{r} 7.1 \\ 25 \end{array}$$

$$\begin{array}{r} 3.1 \\ 50 \end{array} \quad \begin{array}{r} 3.6 \\ 31 \end{array} \quad \begin{array}{r} 7.1 \\ 23-21 \end{array} \quad \begin{array}{r} 5.7 \\ 18 \end{array} \quad \begin{array}{r} 5.5 \\ 9 \end{array} \quad 5.2 \quad \begin{array}{r} 5.4 \\ 13 \end{array} \quad \begin{array}{r} 6.4 \\ 20 \end{array} \quad \begin{array}{r} 6.9 \\ 21-23 \end{array} \quad \begin{array}{r} 6.0 \\ 26 \end{array} \quad \begin{array}{r} +4.6 \\ 52 \end{array} \quad \begin{array}{r} +3.0 \\ 75 \end{array}$$

$$\begin{array}{r} 5.6 \\ 50 \end{array} \quad \begin{array}{r} 6.1 \\ 30 \end{array} \quad \begin{array}{r} 7.6 \\ 24-22 \end{array} \quad \begin{array}{r} 5.9 \\ 14 \end{array} \quad 5.7 \quad \begin{array}{r} 5.9 \\ 17 \end{array} \quad \begin{array}{r} 7.2 \\ 22-23 \end{array} \quad \begin{array}{r} 1.1 \\ 41 \end{array} \quad \begin{array}{r} +1.2 \\ 50 \end{array} \quad \begin{array}{r} +2.8 \\ 75 \end{array}$$

$$\begin{array}{r} 5.6 \\ 50 \end{array} \quad \begin{array}{r} 5.9 \\ 45 \end{array} \quad \begin{array}{r} 5.9 \\ 29 \end{array} \quad \begin{array}{r} 7.8 \\ 24-22 \end{array} \quad \begin{array}{r} 6.7 \\ 19 \end{array} \quad 6.1 \quad \begin{array}{r} 6.1 \\ 17 \end{array} \quad \begin{array}{r} 8.0 \\ 25 \end{array} \quad \begin{array}{r} 8.6 \\ 26-28 \end{array} \quad \begin{array}{r} 8.4 \\ 35 \end{array} \quad \begin{array}{r} 7.3 \\ 50 \end{array}$$

Sta.	+	π	-	Elev
		1002.71		
20+43	18" Culv.		6.0	96.7
21			5.3	97.4
+50			4.8	97.9
22			4.1	98.6
+41	12" Culv.		3.5	99.2
B.M.			0.26	1002.45

F.L.

(9.2)
18

F.L.

2.6	4.5	7.9	8.9	6.9	6.5	(11.0)	11.1	12.0
50	31	24	22	15	60	18	32	50

3.6	3.7	6.8	5.8	5.7	6.7	7.4	9.7		
50	31	24	22	18	5.3	18	23	33	50

5.6	4.8	4.8	6.4	5.2	5.3	8.7	11.2		
50	31	27	25	23	18	48	18	33	50

9.1	9.1	4.6	4.5	6.9	7.8	10.0	
50	33	16	4.1	18	28	35	50

F.L.

F.L.

9.1	(9.6)	9.6	4.0	4.0	9.8	(10.7)	10.8	10.4	
50	(32)	32	18	3.5	20	35	(40)	40	50

S. W. Cor. 5 1/4 Cor Sec. 13

