

Bk. 61 Dr. 14

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan

Survey

Floral Drive Storm Sewer

From In Gardenette Park

50-N-85

Road Acc't. No.

Date Filed 12-6-50

File

GARDENETTE PARK

Storm Sewer Survey

Lilac Lane

12+71.00

Gardonette Dr. No

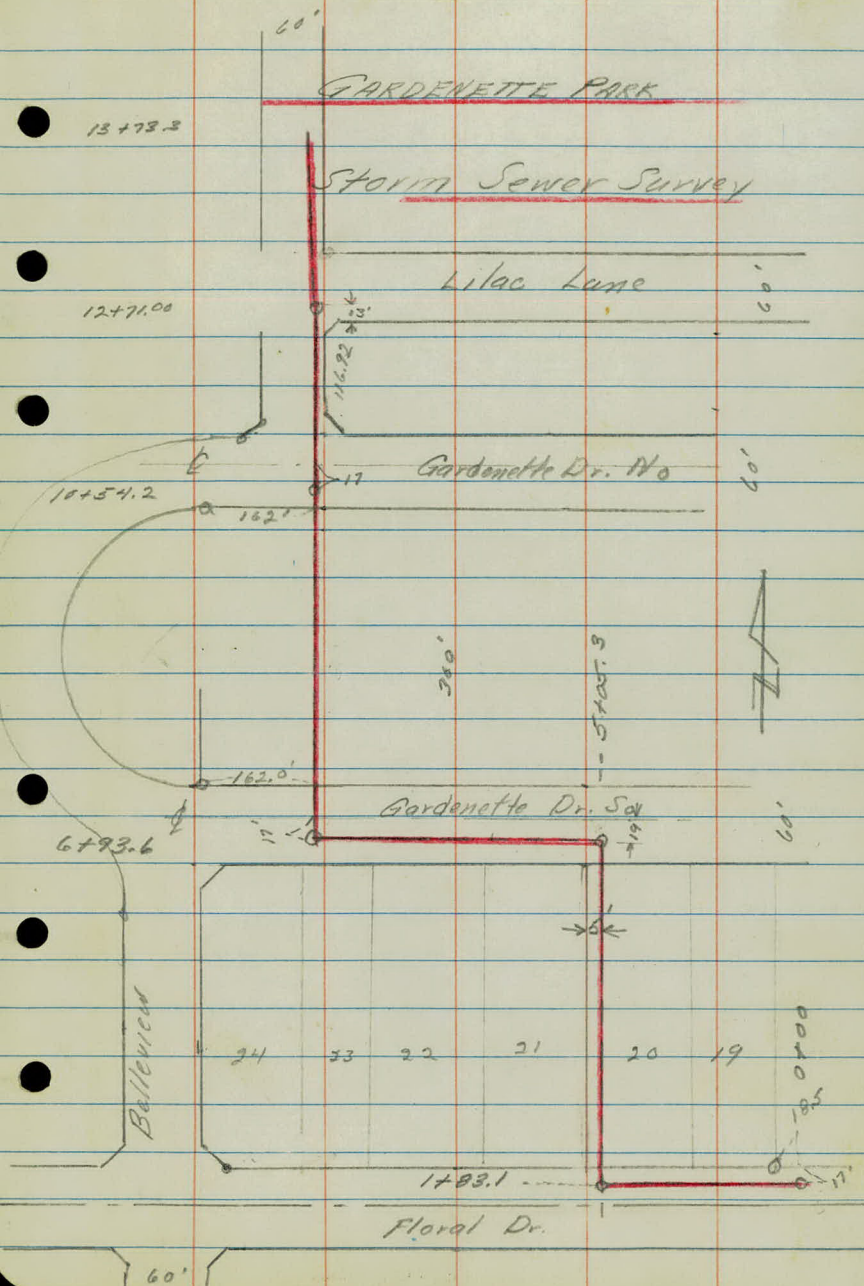
 $10 + 54.2$

Gardenette Dr. Sav

6 + 93.6

Bellevue

Floral Dr.



Sta	+	±	-	Elev
BM	5.99	950.20		944.21
T.P.	6.16	949.41	6.95	943.25
0+00				41.6
+50				42.1
1				42.2
+20				42.2
+50				42.6
+83.1		C.B. & M.H.		43.0
2				43.5
+50				43.7
3				43.7
+50				43.3
+70				44.1
4				44.3

$$\begin{array}{r} 3718 \\ 2908 \\ \hline 5104 \end{array}$$

$$\begin{array}{r} 43.0 \\ 9.23 \\ \hline 52.23 \end{array}$$

$$\begin{array}{r} 42.77 \\ 9.69 \\ \hline 52.46 \end{array}$$

$$52.4 = H.I.$$

Hold for
Knute

Brown gave this
over phone
9-18-50

$$4+50 = 43.4 \quad \checkmark$$

$$= 44.1 \quad \checkmark$$

$$4 \quad \checkmark$$

$$+70 = 44.5 \quad \checkmark$$

$$+35 = 45.0 \quad \checkmark$$

$$+25 = 45.5 \quad \checkmark$$

$$3+20 = 47.4 \quad \checkmark$$

$$3 \quad 44.7 \quad \checkmark$$

$$+60 \quad 43.4 \quad \checkmark$$

$$+20 \quad 43.2 \quad \checkmark$$

$$2 \quad 42.7 \quad \checkmark +50 \quad 41.9 \quad \checkmark$$

$$+75 \quad 42.0 \quad \checkmark$$

$$+20 \quad 43.2 \quad \checkmark$$

$$1 \quad 43.6 \quad \checkmark$$

$$+30 \quad 42.0 \quad \checkmark$$

$$124 \quad 42.8 \quad \checkmark$$

$$+11 \quad \checkmark$$

$$109 \quad \checkmark$$

$$0-06 = 41.9 \quad \checkmark = \text{Floral Drive} = 0 \neq 08$$

$$3+35 = P.I.$$

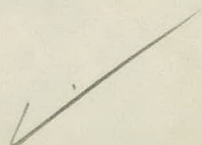
$$3 \quad 43.0$$

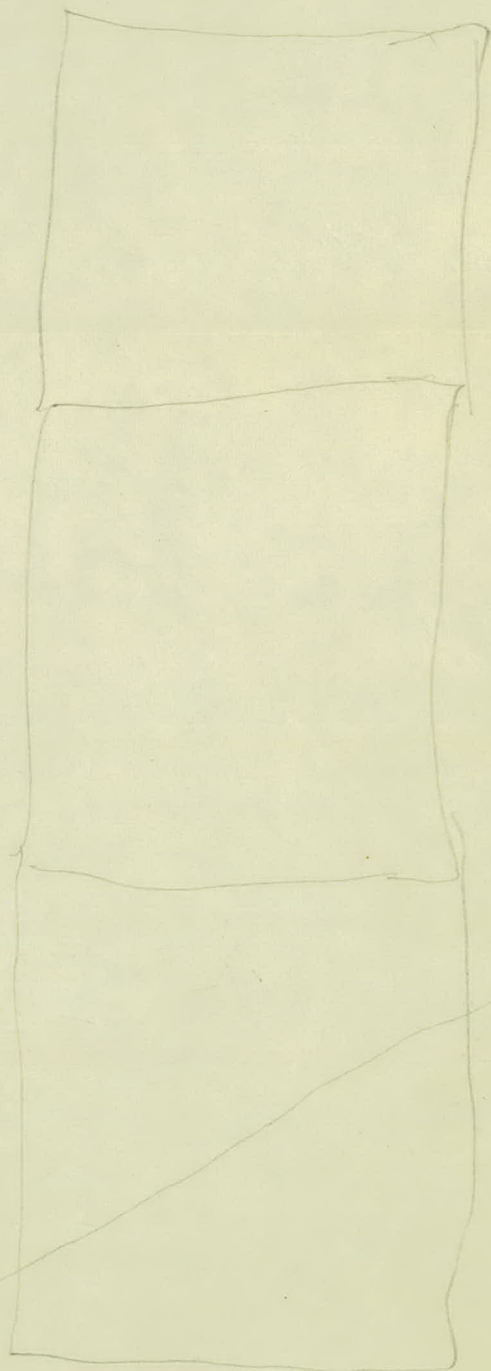
$$3+35 \quad 3$$

$$7.7$$

$$16.4$$

$$-24.7$$





8-1348-14-50

G.B.
A.M.
K.R.

2

2

R.R. Spk in 30" Elm S.W. cor. C. Rd. "F" & Bellevue

7.8

7.3

7.2

7.2

6.8

6.4

5.9

5.7

5.7

6.1

5.3

5.1

Sta	+	π	-	Elev
		949.41		
4 + 35				43.6
+ 50				43.3
5				42.8
+ 05.3	(4.49) MH	947.26	6.64	942.77
+ 50				42.6
6				42.4
+ 50				41.9
+ 93.6				41.7
7				41.1
+ 10.6	¢ Gardanette Dr. So.			41.7
+ 25				41.1
+ 28				41.5

E

5.8

6.1

6.6

Top Hub.

6.6

4.7

4.9

5.4

5.6

6.2

5.6

6.2

5.8

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

947.26

7 +44

42.3

8

43.3

+50

41.6

9

40.5

+30

40.6

+50

40.9

10

41.5

+33

41.3

+40

38.9

T.P.

L

+542 3.78 942.77 8.27 938.99

✓

+57

38.2

+71

⌀ Gardenette No

39.1

ϕ

5.0

4.0

5.7

6.8

6.7

6.4

5.8

6.0

8.4

Top/hub.

8.21

4.6

3.7

Sta + π - Elev

942.77

10+83

38.6

11

38.7

+50

39.2

12

39.9

+50

40.0

+71

39.73

+87.52

(+84)

q Lilac Lane.

40.3

13.

39.5

+21

36.1

+50

35.1

+73.3

33.52

T.P.

4.79

940.37

7.19

935.58

~~935.40~~

BM

5.97

(935.40)

(934.50)

937.40 ✓

¢

4.2

4.1

3.6

2.9

2.8

T/hab

3.04

2.5

2.3

6.7

7.7

T/hab

9.25

Sph in P.P. W. of Turn @ Cemetery S.T.H. 100
 & Lilac Lane
 (Same CLASAC on 8-18-50, consider 935.410 correct.)

Sta

+

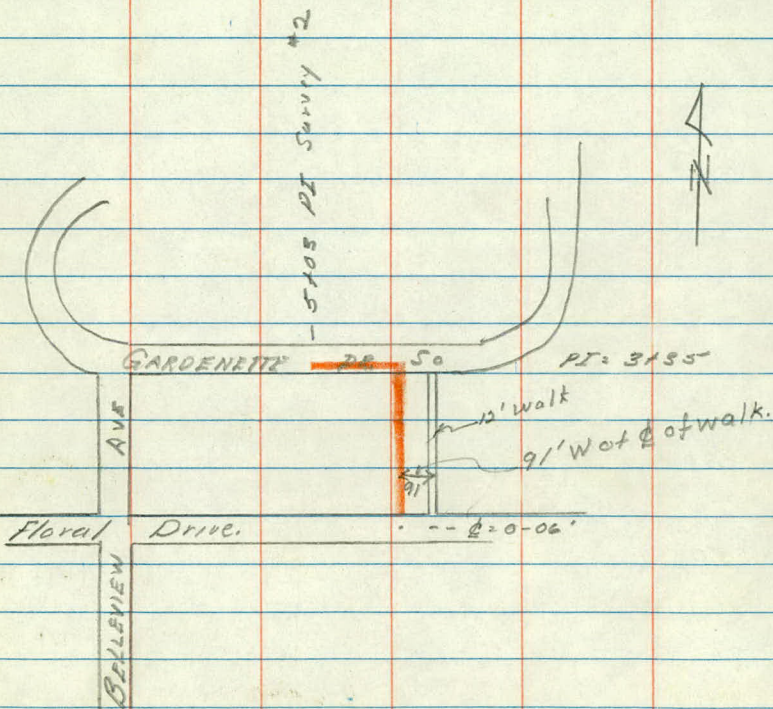
π

-

Elev

GARDENETTE ACRES

Storm Sewer Survey



Sta	+	π	-	Elev
BM ⁰⁺⁰⁰	10.83			
	9.64	52.4		
BM ¹⁺⁸³	9.23			

0-18

0-6

± Floral Drive

0⁰⁹
0 ±13

0 ±11

+24

+28

+50

1

+30

+50

+75

2

old 0+00 Top Hub

old 1481.3 " "

} Line #2
9-14.50

11.1

10.5

11.1

9.8

10.4

9.2

8.8

9.2

10.0

10.5

9.7

Sta + π - Elev

1 + 92

2

+20

+60

3

+20

+25

+35

P.I. 19' S of $\frac{1}{2}$

+70

4

+50

5

+05.3

9.69

♂

9.1

9.2

9.0

7.7

5.3

4.7

6.9

Gardenette So.

7.4

7.9

8.3

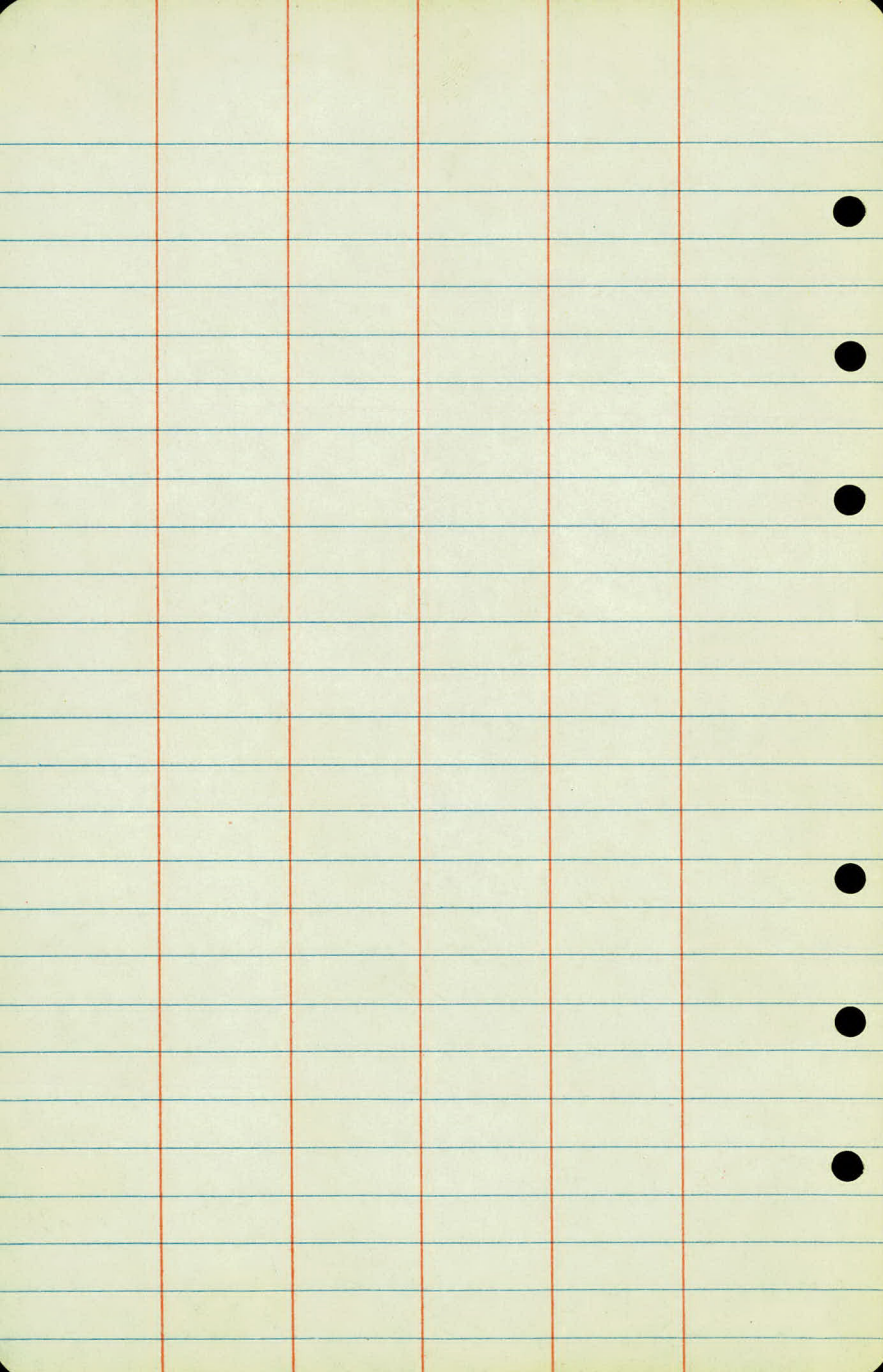
9.0

9.7

Top Hub (Line # 2)

9.7

19.50 ♂
of Gardenette So.



A.M.
R.C.
E.J.
K.R.

1

10/27/50

PROFILE - LEVELS
GARDENETTE - STORM - SEWER

STA	+	π	-	ELE
B.M	2.02	948.74		946.72

0-24.1

0-10

0-1

0+08.7

+20

+25

+50

1

+50

2

+50

3

+15

Top S.E. COR - Stoop # 2171 FLORAL-DRIVE

41.7
70
64.9
68
74.5
72
64.2
7
57.4
9
43.5
5
43.2
5
43.1
5
42.1
5
42.3
5
44.5
4
47.1
2
47.6
6
1.1

STA	+	π	-	ELEV
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948.74

3+25

+35

+50

4

T.P.	3.48	948.16	4.06	944.68
------	------	--------	------	--------

+50

5

+50

6

+50

+93

7

+12

641.7
741.2
G41.6
G41.6
G41.9
58
42.4
5.7
42.5
5.4
42.8
4.8
43.4
4.7
44.0
4.0
44.7
3.8
344.9
3.5
45.2
4

STA	+	π	-	ELEV
-----	---	-------	---	------

948.16

7+25

+50

B.M

2.84 945.32 (945.28)

8

+50

9

+50

10

+36

+43

+50

+56

+71

Top CTR DOOR-SILL Ho #2161

41.1

7.1

42.3

5.9

43.0

5.2

41.6

6.6

40.4

7.8

40.8

7.4

41.3

6.9

41.0

7.2

38.8

9.4

38.8

9.4

38.2

10.0

39.0

9.2

STA + ∇ - ELEV

948.16

10+84

B.M

8.19 939.97

939.98

B.M

3.68 943.66

939.98

11+00

+50

12

+50

+68

13

+08

+25

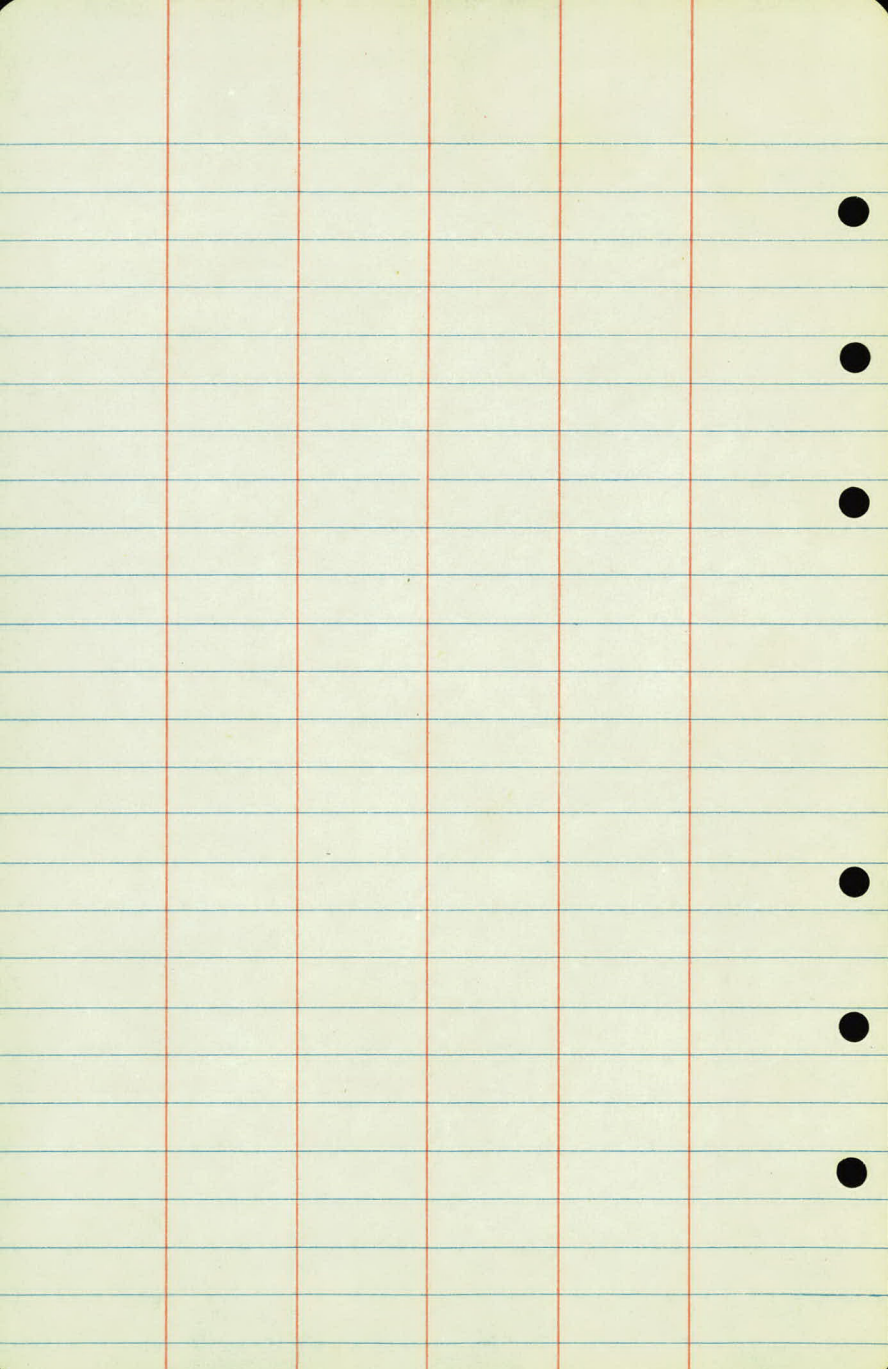
+50

+75

T.P

3.68 939.98

14



11/21

A.M
M.B
E.J
K.R

GARDENETTE - STORM - SEWER

FINAL - ELEVATIONS AND - X SECTIONS

Rec. 11/22/50

STA	+	π	-	ELEV
B.M	2.11	948.83		946.72
0+24.1	C.B. #1			
0+08.7	C.B. #2			
B.M			2.11	946.72 (946.72)
B.M	2.78	948.06		945.28
3+35.3	M.H. #1			
6+91.6	F.L 12" CONC			
6+93.6	M.H. #2			
6+95.6	F.L 15" CONC			
7+27	C.B. #3			

2

Top S.E. COR-STOOP HOUSE #2171 FLORAL-DRIVE

41.59.	37.97.
Top C.B. #1	F.L. C.B. #1
7.24	10.86

41.55.	37.83.
Top C.B. #2	F.L. C.B. #2
7.28	11.00

Top S.E. COR-STOOP #2171 FLORAL-DRIVE

CTR. DOOR-SILL HO. #2161 GARDENETT ST

45.06.	36.99.
Top M.H. #1	F.L. M.H. #1
3.0	11.07

35.82.
F.L. 12" CONC
12.24

41.52.	35.82.
Top M.H. #2	F.L. M.H. #2
6.54	12.24

35.82.
F.L. 15" CONC
12.24

41.60.	35.60.
Top C.B. #3	F.L. C.B. #3
6.46	12.46

STA	+	∇	-	ELEV
		948.06		

10+53.6	M.H. #3			
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10+92.6	C.B. #4			
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B.M	2.35	942.33	8.08	939.98	939.98
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12+65.52	C.B. #5			
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38.38.

TOP M.H #3
9.68

34.46.

F L M.H #3
13.60

38.29.

TOP C.B #4
9.77

34.34.

F.L C.B #4
13.72

SPIKE-IN-T.P. LT BETWEEN GARDENETTE NO + LILAC - LANE
ON-BELLVIEW

39.86.

TOP C.B #5
2.47

33.85.

F.L. C.B #5
8.48

STA	+	π	-	ELEV
		942.33		

13+00

+08

+15 END 15" CONC

+19

+25 H.W. + FL 15" C.M.

+28 3' X 6' CONC - APPROX

+50

+75

14

B.M.

235 939.98

