

DR9 BK 67

OFFICE OF COUNTY ENGINEER  
RAMSEY COUNTY, MINN.

PLAN Survey

WHITE BEAR AVE. also to  
from I 694 To SPRUCE PLACE Co. Rd. "F"

Road Acc't. No. 65

Date Filed \_\_\_\_\_

File \_\_\_\_\_

1

# PLAN SURVEY

## WHITE BEAR AVE.

T.H. No 694 to Co. Rd. "F"

Alinement

| INDEX                    | PAGE             |
|--------------------------|------------------|
| Align.                   | 1-6              |
| Topog<br>Bench<br>Levels | 7-48B<br>48A-48E |
| X Sections               | 49-149           |



Sta Point  $\Delta L$   $\Delta R$

|          |                    |                              |                           |
|----------|--------------------|------------------------------|---------------------------|
| +72.79   |                    | $15^{\circ} 55 \frac{1}{2}'$ |                           |
| +50      |                    | $15^{\circ} 24 \frac{3}{4}'$ |                           |
| 80       |                    | $14^{\circ} 17 \frac{1}{4}'$ |                           |
| +50      | 1330<br>47<br>1417 | $13^{\circ} 09 \frac{3}{4}'$ |                           |
| 79       |                    | $12^{\circ} 02 \frac{1}{4}'$ |                           |
| +50      |                    | $10^{\circ} 54 \frac{3}{4}'$ | $\Delta = 31^{\circ} 51'$ |
| 78       |                    | $9^{\circ} 47 \frac{1}{4}'$  | $D = 4^{\circ} 30'$       |
| +50      |                    | $8^{\circ} 39 \frac{3}{4}'$  | $T = 363.39'$             |
| 77+28.40 | P.I.               |                              | $L = 707.78'$             |
| 77       |                    | $7^{\circ} 32 \frac{1}{4}'$  | $R = 1273.57'$            |
| +50      |                    | $6^{\circ} 24 \frac{3}{4}'$  |                           |
| 76       |                    | $5^{\circ} 17 \frac{1}{4}'$  |                           |
| +50      |                    | $4^{\circ} 09 \frac{3}{4}'$  |                           |
| 75       |                    | $3^{\circ} 02 \frac{1}{4}'$  |                           |
| +50      |                    | $1^{\circ} 54 \frac{3}{4}'$  |                           |
| 74       |                    | $0^{\circ} 47 \frac{1}{4}'$  |                           |
| 73+65.01 | P.C.               | $0^{\circ} 00'$              |                           |

FX  
WM  
FS  
LPD  
HL  
GM

August 9, 1967

2

R.P.  
o

19.70  
o

T.P.  
o

25.30  
o

Iron

? Paving Alignment

Sta Point  $\Delta$  Lt.  $\Delta$  Rt

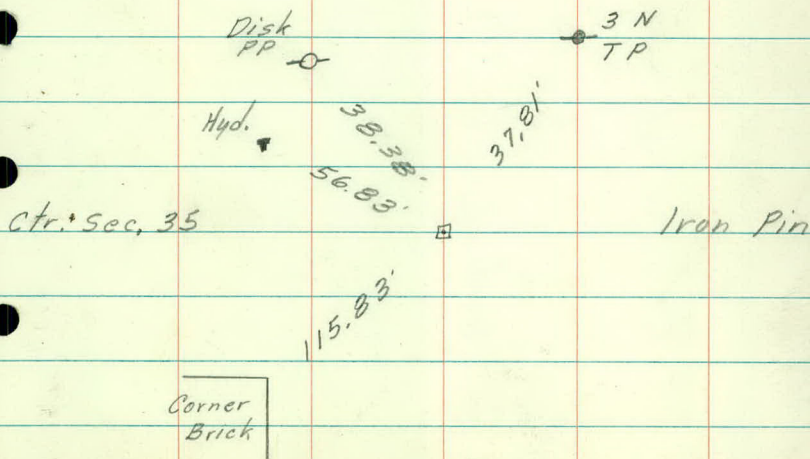
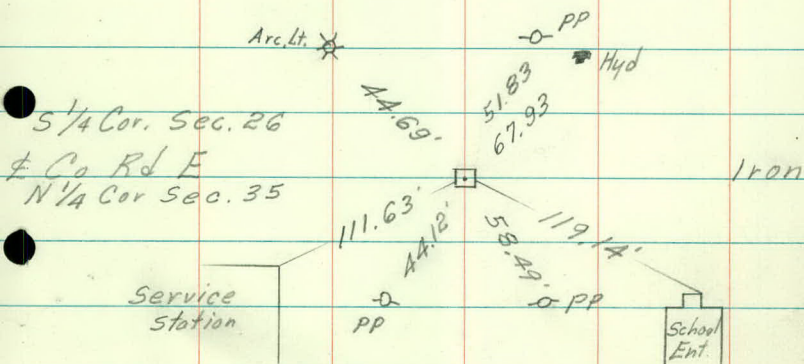
109+03.63 P.I.  $0^{\circ} 20'$

82+61.35 P.O.T.  $\pm$  Orchard Lane



August 9, 1967

3



Sta Point  $\Delta L$   $\Delta R$

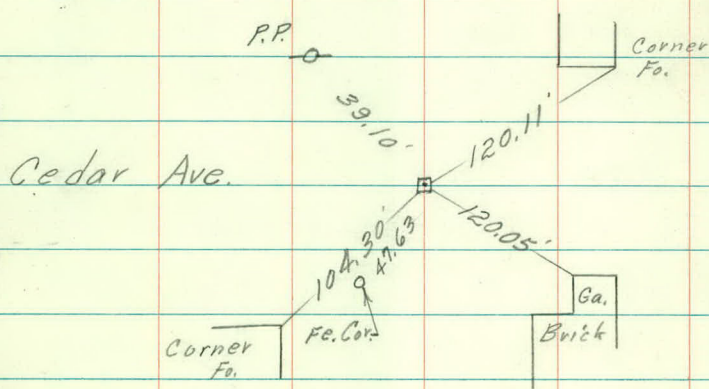
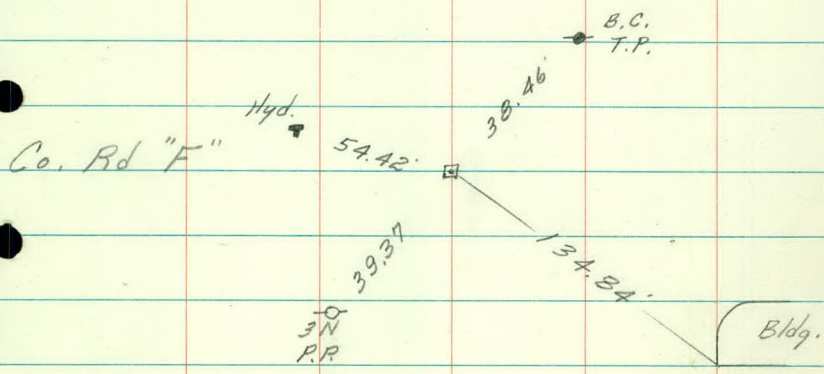
161+71.22 P.O.T. N  $\frac{1}{4}$  Cor. Sec. 26

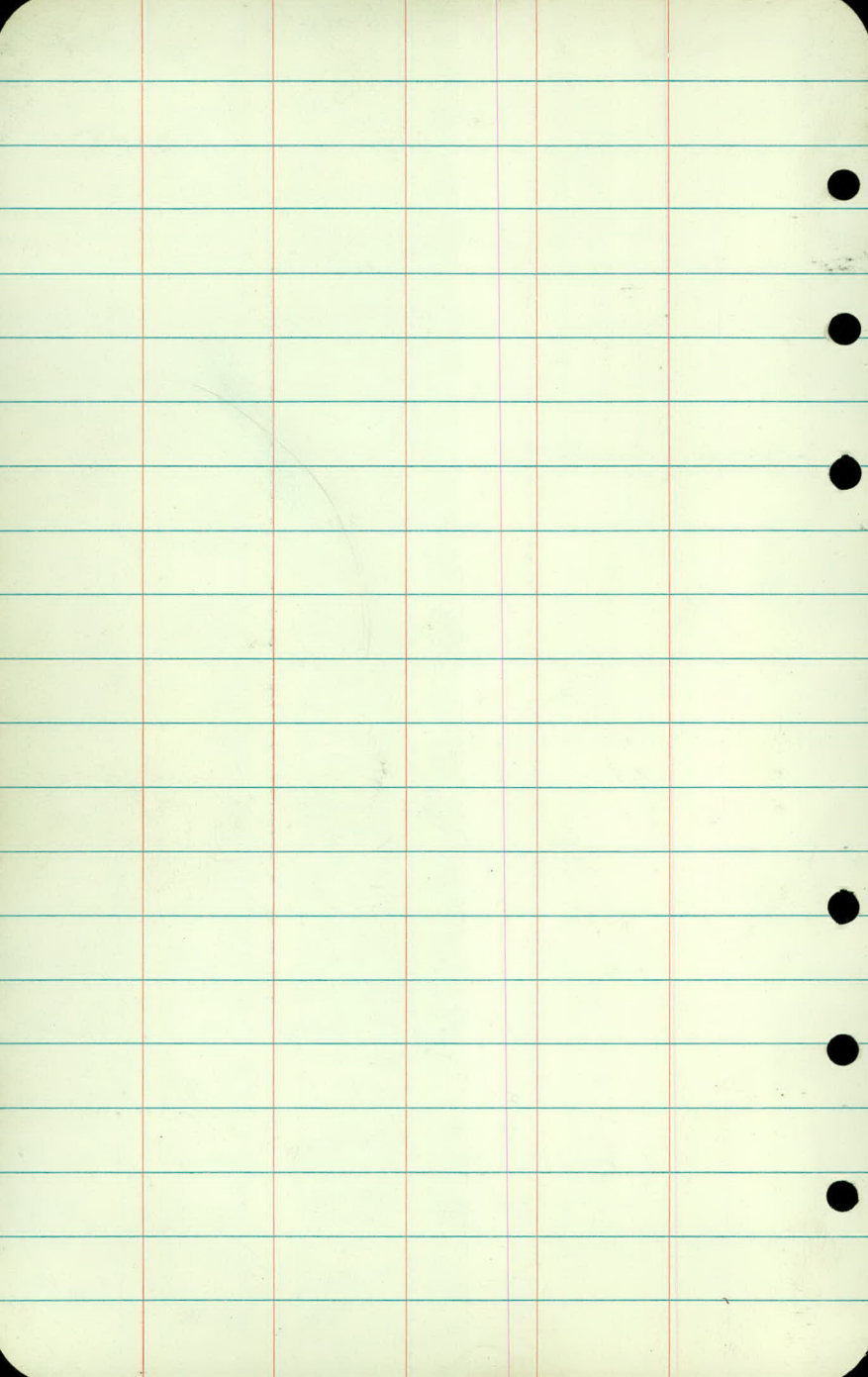
135+38.82' P.O.T. Ctr Sec 26

August 9, 1967

±

4







August 10, 1967

5

Manhole



30.31

x x x

x 30' used

30.72

Punch Hole

R. D. Goldberg  
A. Edquist  
# 1896

29.95

20.68

Punch hole

33.14

ORCHARD ST.

spike

90°00'15"

White

Bear

Ave.

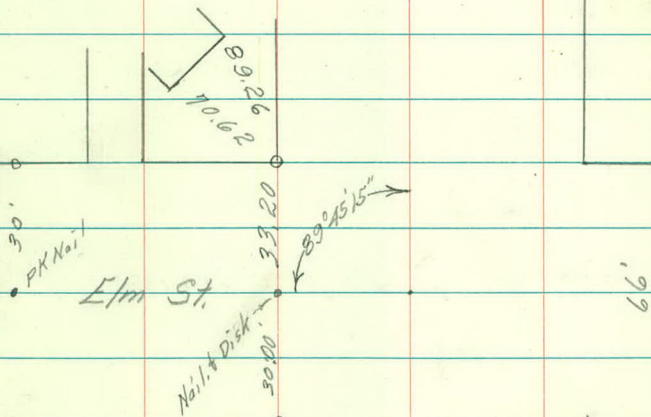
95+81.95 P.O.T. should be at 95+82.49

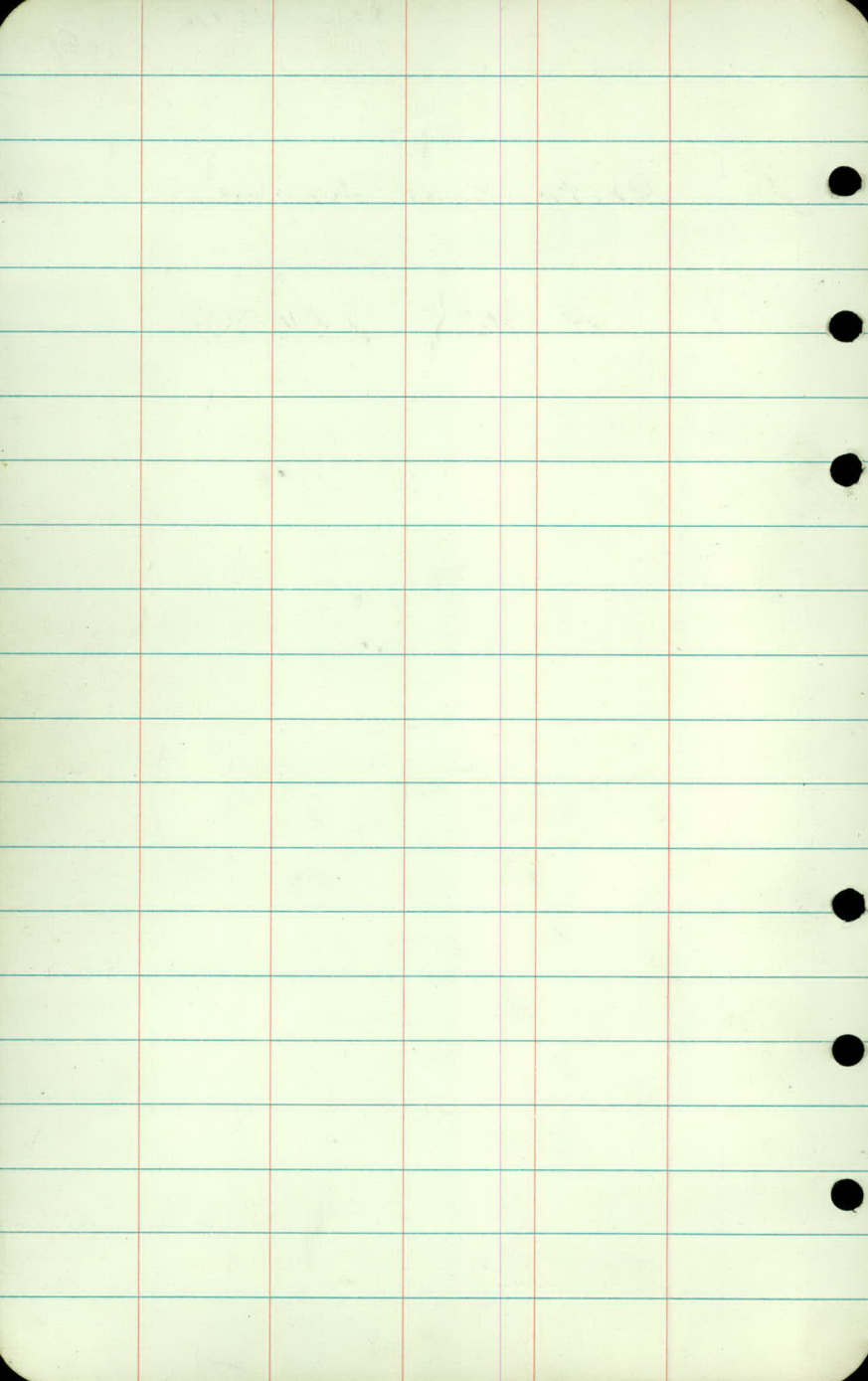
FX  
LPD  
HL  
GM

August 15, 1967

6

L





August 15, 1967

7

# TOPOGRAPHY



✓  
150 Lake  
93

✓  
+19 400k  
55

✓  
+28 S.E. Cor. Ho  
80

✓  
Road  
11 11

✓  
Lake  
97

70

✓  
+90 1/2" Maple  
36

✓  
+83 Rose  
42

✓  
+78 Tu 600k  
46

✓  
+82 Rose  
46

✓  
+78 ER  
11

✓  
+79 Bush  
57

✓  
+76 Bush  
31

✓  
+76 Bush  
59

✓  
+79 Bush  
33

✓  
+76 400k  
47

✓  
+74 Bush  
33

✓  
+74 Bush  
56

✓  
+62 BR+BC  
30

✓  
+72 PP  
27

✓  
+70 Lake  
96

✓  
+45 MH  
40

✓  
+57 G.V.  
51

✓  
+30 Lake  
57

✓  
+32 ER+BC  
30

✓  
+17 TP  
31

✓  
+19 BR  
11

✓  
Road  
11 11

✓  
Lake  
42

69

✓  
+69 N.E. Cor. Ho  
82

✓  
+68 PP  
27

✓  
+56 R Tie  
Ho.

✓  
Road  
11 11

✓  
Lake  
40

68

8

A.3

56  
58  
57

33 31 33

24.2

73

Road  
11 11Lake  
29+93  $\frac{ER}{11}$ +78  $\frac{Hyd}{56}$ +87  $\frac{PP}{27}$ +73  $\frac{BR+BC}{31}$ +68  $\frac{G.V.}{51}$ +72  $\frac{CB}{48}$ +58  $\frac{MH}{42}$ +50  $\frac{Lake}{32}$ +43  $\frac{CB}{49}$ +47  $\frac{MH}{47}$ +48  $\frac{Outlet Control structure}{24}$ +42  $\frac{ER+BC}{31}$ +20  $\frac{BR}{11}$ Road  
11 11Lake  
29

72

+87  $\frac{N.E. Cor Ho}{80}$ +94  $\frac{PP}{29}$ +72  $\frac{Rhe Ho}{}$ +75  $\frac{Lake}{32}$ +50  $\frac{Lake}{44}$ 

71

Road  
11 12Lake  
32+95  $\frac{PP}{27}$ +91  $\frac{Tel. Post}{45}$ +92  $\frac{TP}{30}$ +71  $\frac{R. Tie Ho}{}$ +57  $\frac{4" El.}{44}$



August 15, 1967

9

11" Casting  
2 Adj. Rings  
4.15' Deep  
Concentric Cone.

18"

Inv. 147

6" Casting  
eccentric Cone  
No Adj. Ring

Inv. 8.85

24" SCP

12" SCP

5'

4.1'

storm sewer  
MH

4'

6" Casting  
No Adj. Rings  
5.56' Deep

C.P. 11" Casting  
Concentric Cone  
1 Adj. Ring  
4.46' Deep

6"

↑

6.3'

24.3

✓  
+46  $\frac{PP}{37}$

✓  
+50  $\frac{E. Hedge}{52}$

✓  
 $\frac{Lake}{100}$

✓ ✓  
75 +00  $\frac{MH}{35}$  Hedge 53

✓  
 $\frac{Road}{12 \ 12}$

✓  
 $\frac{Lake}{135 \pm}$

✓  
+97  $\frac{Lake}{61 \pm}$  89 ✓

✓  
+90  $\frac{Lake}{49}$

✓  
+50  $\frac{Hedge}{53}$

✓  
+60  $\frac{Lake}{36}$

✓  
+63  $\frac{IP}{30}$

✓  
+50  $\frac{Lake}{34}$

✓  
+21  $\frac{PP}{26}$

✓  
+22  $\frac{B. Hedge}{51}$

✓  
+19  $\frac{Tell Post}{47}$

✓  
 $\frac{Road}{11 \ 11}$

✓  
 $\frac{Lake}{29}$

74

✓  
+50  $\frac{Lake}{30}$

✓  
+35  $\frac{S.E. Cor. Ho}{81}$  ✓  
+51  $\frac{R. Tie}{Ho}$

✓  
+24  $\frac{LP}{54}$

✓  
+21  $\frac{T.P.}{28}$



August 15, 1967

10

6" Casting  
7 Adj. Rings  
eccentric Cone  
Mighty Deep

23.2  
46.8

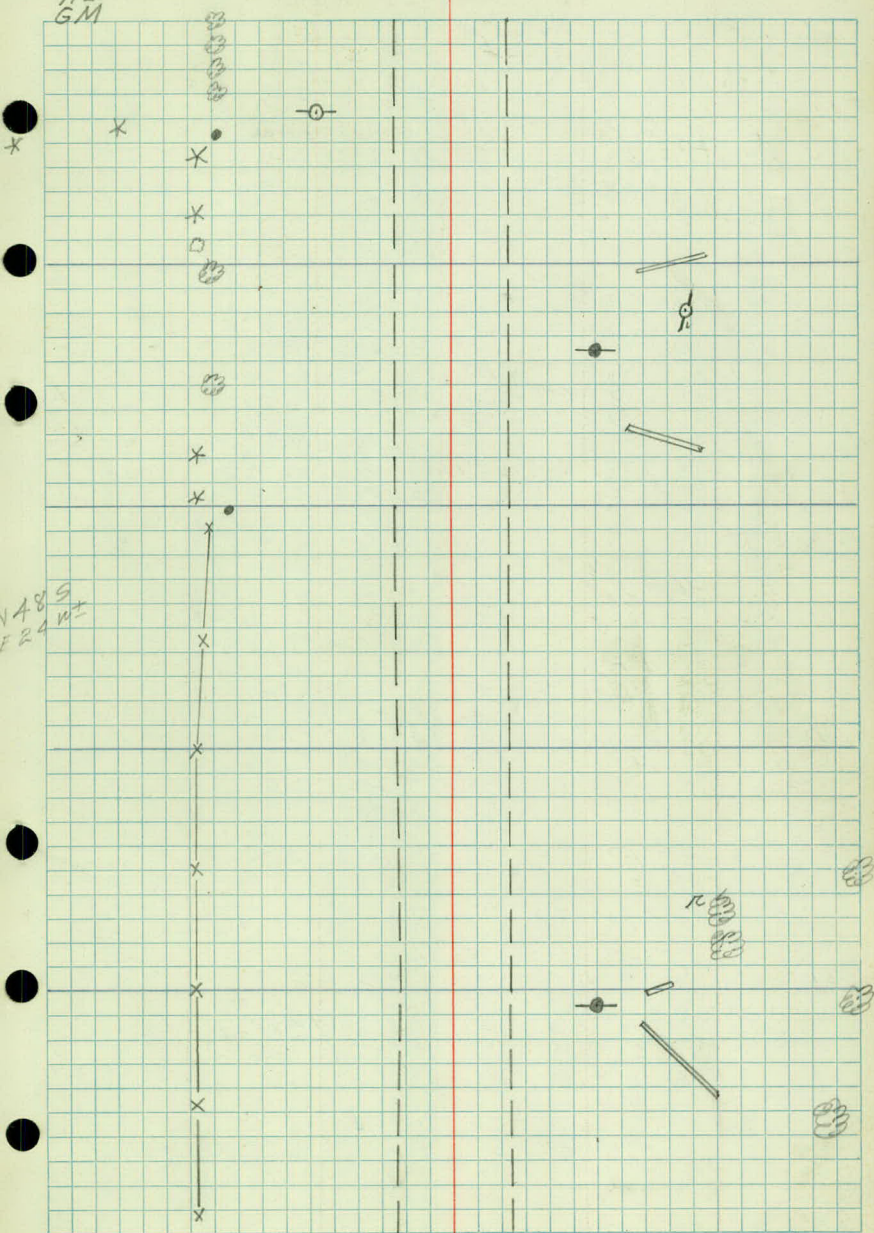
X

78  
 ↓ +85 B. Row L.P. 49  
 ↓ +77 T. Post 49  
 ↓ +72 2" P 53  
 ↓ +75 1" P 91  
 ↓ +60 1" P 53  
 ↓ +54 Bush 53  
 ↓ +11 1" P 53  
 ↓ +102 1" P 53  
 ↓ +148 2" Ash 50  
 ↓ +125 2" Ash 50  
 ↓ +12 Sign 52  
 ↓ +16 Sign 37  
 ↓ +148 Sign to 39  
 ↓ +40 PP 49  
 ↓ +32 TP 30  
 ↓ +12 Sign 52  
 ↓ +16 Sign 37  
 77  
 ↓ +99 Tell Post 47  
 ↓ +96 E. Fe 51  
 ↓ +71 NE Cor Ho 122  
 ↓ +150 Fence 53  
 ↓ +150 Road 12  
 ↓ +35 Tr 12" O 92  
 ↓ +24 6" O 84  
 ↓ +12 14" Oak 99  
 ↓ +18 Str 51  
 ↓ +16 6" Oak 54  
 ↓ +109 Trip 6" O 56  
 ↓ +101 Sign 46  
 ↓ +22 14" O 96  
 ↓ +12 Sign 41  
 ↓ +97 TP 30  
 ↓ +99 Sign to 41  
 ↓ +98 12" O 84  
 ↓ +73 12" O 79  
 ↓ +78 E. Sign 55  
 ↓ +54 B Fe 53  
 76  
 ↓ +150 Fence 54  
 ↓ +150 Road 11 12  
 ↓ +97 TP 30  
 ↓ +99 Sign to 41  
 ↓ +98 12" O 84  
 ↓ +73 12" O 79  
 ↓ +78 E. Sign 55  
 ↓ +54 B Fe 53

FK  
LPD  
HL  
GM

August 16, 1967

11





✓  
Road  
12

✓  
+48 R Tie  
Ho

✓  
+46 Sign  
35-42

✓  
+24 S.E. Cor. Ho.  
83

✓  
+35 Begin Broken  
Down Fe 34

✓  
+02 1" Birch  
72

✓  
+12 TP  
30

80

✓  
Road  
13 12

✓  
+84 ER  
13

✓  
+64 R Tie  
N.C. Line

✓  
+61 BR+BC  
29

✓  
+62 R Tie  
84

✓  
+54 GV  
49

✓  
+50 N. Curbl. line  
131

✓  
+50 Road  
12

✓  
+43 MH  
39

✓  
+30 ER+BC  
31

✓  
+29 Sign  
31-44

✓  
+15 BR  
12

79

✓  
Road  
12 12

✓  
+86 PP  
27

✓  
+73 TP  
29

✓  
+36 S.E. Cor. Ho  
81

✓  
+49 E. L. 12'  
D. 1

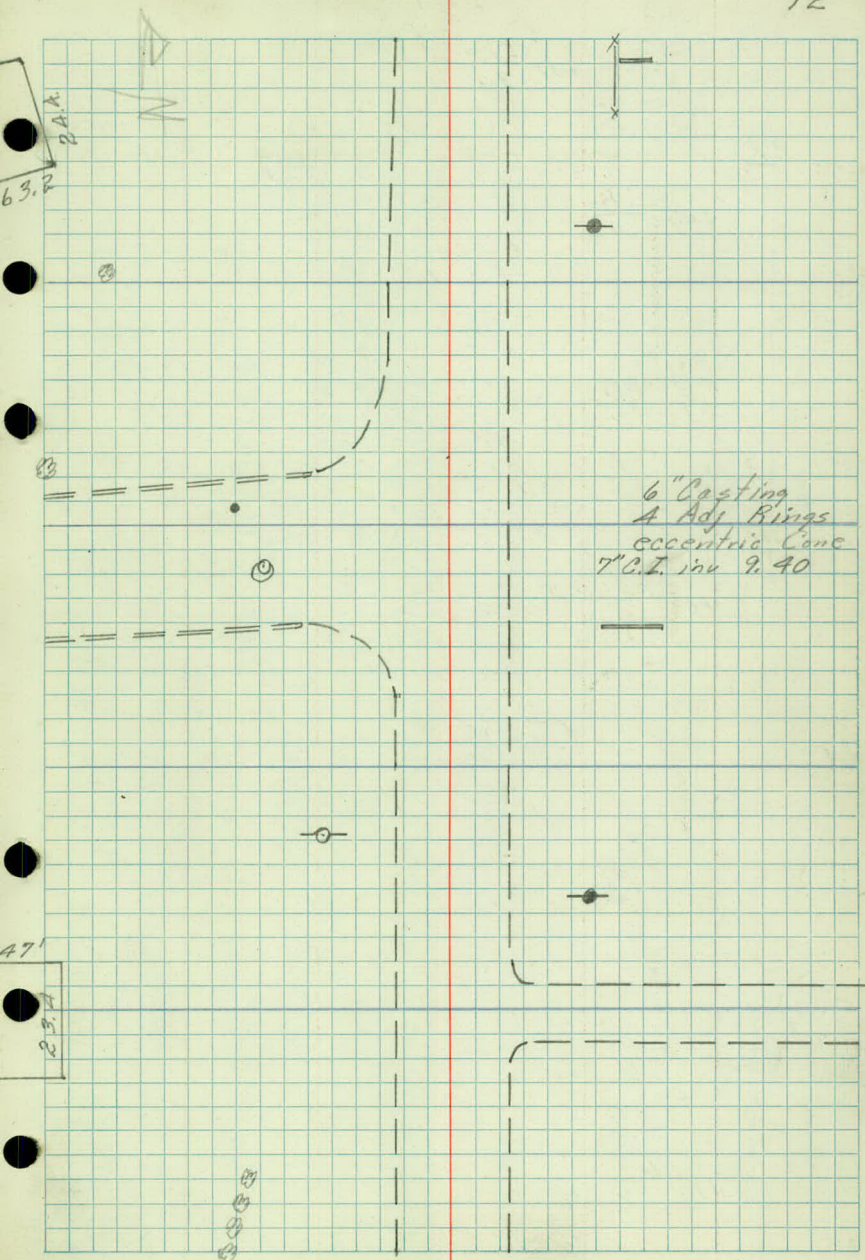
✓  
+16 E. Row L.P  
42

78



August 16, 1967

12



83

+87  $\frac{PP}{64}$ +89  $\frac{PP}{28}$ +78  $\frac{BR}{45}$ +57  $\frac{ER}{34}$ +41  $\frac{BRV}{13}$ +37  $\frac{2^{nd} Ash}{78}$ 

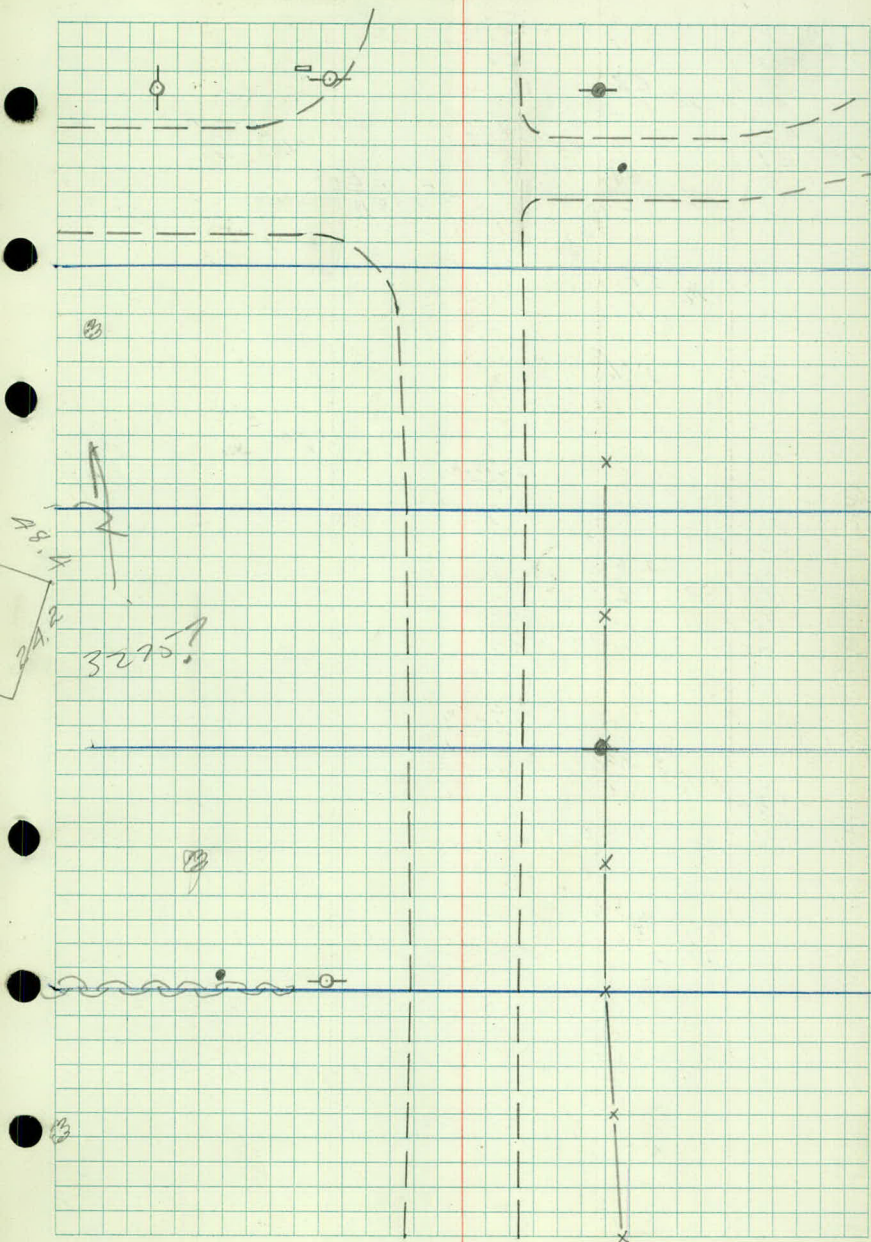
82

+85  $\frac{NE Cor. Ho}{86}$ +27  $\frac{1^{st} Maple}{56}$ +03  $\frac{T. Post}{51}$ +02  $\frac{PP}{28}$ + Hedge  
← 35

81

+72  $\frac{Red Leaf Maple}{84}$ Road ✓  
12+91  $\frac{Sign}{34}$ +80  $\frac{Hyd}{34}$ +71  $\frac{Ent}{Gravel}$ +87  $\frac{TP}{28}$ +71  $\frac{GV}{33}$ +10  $\frac{End Broken}{Down Fe 30}$ Road  
12 13+59  $\frac{R. Tie}{Ho}$ +50  $\frac{TP}{29}$ Road  
11 12Fe ✓  
30

August 16, 1967 13





✓  
+53  $\frac{PP}{27}$

✓ +52 14" Elms  
✓ 68-80  
+44  $\frac{Ent}{21}$  C.R. ✓ +33  $\frac{S.E. Cor Ho}{23}$

✓ +33 Headwall  
28-16 ✓ +17  $\frac{Tw 6" Birch}{51}$  ✓ +36 6" Birch 52 ✓ +28 8" Maple 83

85 ✓ +98  $\frac{S.E. Cor Ho}{108}$  ✓ Road  $\frac{12}{12}$  ✓ +100  $\frac{S.W. Cor Ho}{112}$   
✓ +95 3" Birch 51 ✓

+90  $\frac{10" Blue Spruce}{90}$  ✓ +77  $\frac{Ent}{15-20}$

✓ +88  $\frac{10" Elm}{59}$  ✓ +73 6" Mt. Ash 92 ✓ +65  $\frac{Ent}{71}$   
+66  $\frac{6" Apple}{63}$  ✓ +48 Hedge ✓ +33  $\frac{NE Cor Ho}{109}$  ✓ +60  $\frac{Ent}{110}$   
+33  $\frac{2" P.V.}{46}$  ✓ +53 ✓ +33 10" Elm ✓

+33  $\frac{3" Blue Spruce}{42}$  ✓ +33 75 ✓ +32  $\frac{TP}{28}$   
✓ +28  $\frac{4" P}{42}$  ✓

+107  $\frac{10" Elm}{75}$  ✓ +28  $\frac{PP}{27}$

✓ +106 41 8" Mt. Ash  
+102  $\frac{Bush}{31}$  ✓ Road  $\frac{12}{12}$   
84 ✓ +89  $\frac{12.4 Conc Ent}{58}$  ✓ 15" x 20" cm  
✓ +78  $\frac{12" Maple}{60}$  ✓ +77  $\frac{6" Maple}{91}$

✓ +43 6" Maple 50 ✓ +86  $\frac{4" P}{86}$

✓ +14  $\frac{12" Catt}{50}$  ✓ +57  $\frac{3" P}{69}$

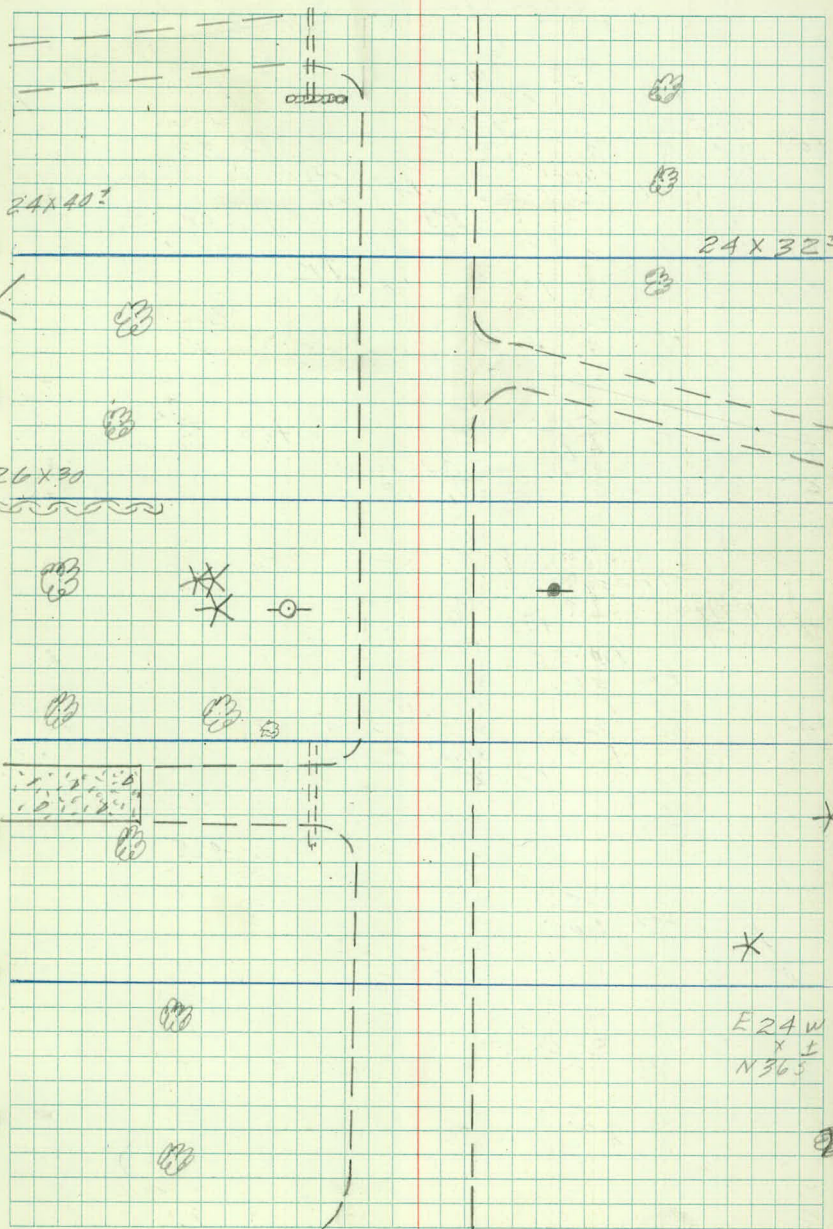
✓ +10  $\frac{ER}{14}$  ✓ +55  $\frac{SW Cor Ho}{109}$

83 ✓ +17 6" Maple 87



August 16, 1967

14



[illegible]

87

Road  
11 12

18" O  
+96 30

+75 10" Apple  
75

+75 8" Apple  
47

+85 6" Maple  
80

+60 Row - 5" P  
58-67-77

+68 SW Cor Ho  
110

+48 Row 6" P  
53-62-73-83

+65 3" P  
47

+61 10" Maple  
96

+22 S.E. 8" x 19 Vit  
24

+41 8" Crab  
47

+65 6" P  
36

+22 14" P  
33

+49 6" P  
44

+07 Mt. Ash  
75

+09 12" P  
40

+33 E 11" Ent 15" x 20" M  
Bit 22

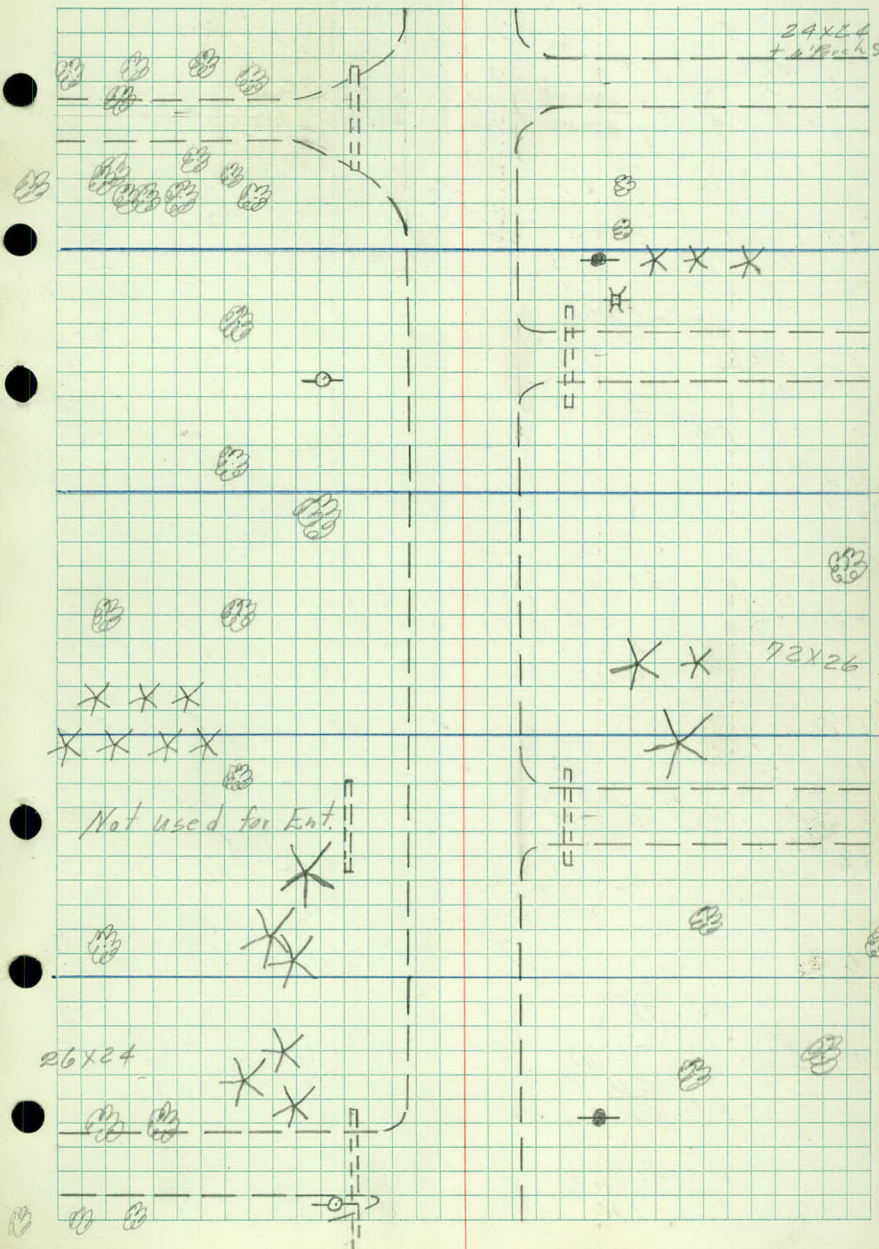
+03 6" P  
36

+12 10" Elm  
51

[illegible]

August 16, 1967

15





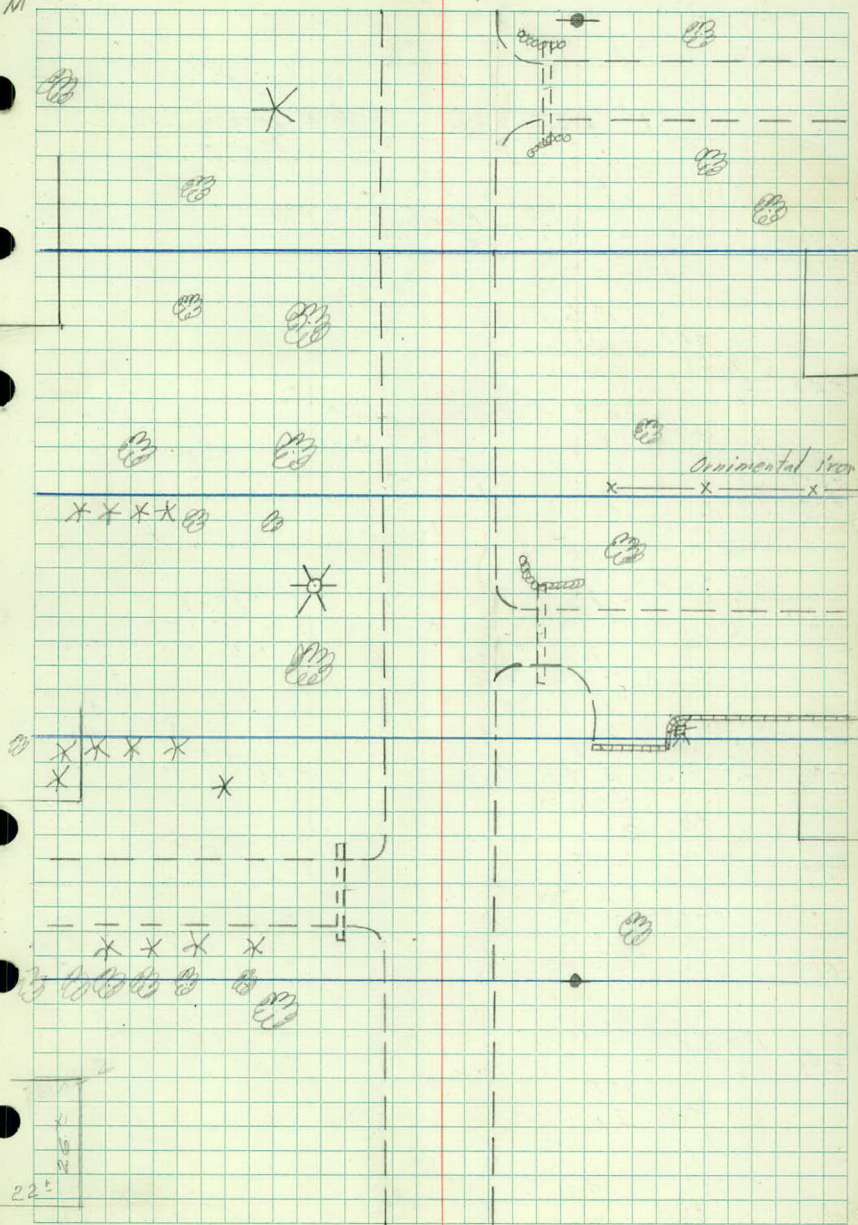
90 +33  $\frac{6'' \text{ Mt. Ash}}{80}$  +30  $\frac{8'' \text{ P}}{35}$  +13  $\frac{12'' \text{ Maple}}{51}$  Road  $\frac{13}{11}$  8" Elm  $\frac{109}{69}$  TP  $\frac{146}{54}$  +48  $\frac{28}{17}$  End Hd Wall  $\frac{146}{17}$  15" x 20" CM Ent +34  $\frac{22 \text{ H}}{22 \text{ H}}$  C. Rock. Hd. Wall +22  $\frac{18}{18}$  +24  $\frac{22-26}{22-26}$  +19  $\frac{8 \text{ CE}}{51}$  8" Elm  $\frac{109}{69}$  SE Cor Ho  $\frac{185}{110}$  6" Birch  $\frac{148}{53}$  +86  $\frac{24''}{28}$  +63  $\frac{\text{Quad 4" Birch}}{43}$  +75  $\frac{\text{SW W Cor Ho}}{111}$  +59  $\frac{16 \text{ Elm}}{64}$  +39  $\frac{36''}{31}$  +57  $\frac{8 \text{ Elm}}{68}$  +47  $\frac{\text{Row Norway Pine}}{76-69-63-57}$  +45  $\frac{1'' \text{ Buckeye}}{51}$  +39  $\frac{12 \text{ Elm}}{39}$  +52  $\frac{\text{X-Fe}}{36}$  +32  $\frac{\text{Arch Lf}}{27}$  +45  $\frac{1'' \text{ Ash}}{35}$  +34  $\frac{\text{Headwall Loose Stone}}{20-29}$  +36  $\frac{\text{E Headwall}}{17}$  +15  $\frac{24'' \text{ Oak}}{28}$  +22  $\frac{\text{Bit}}{21}$  +105  $\frac{\text{W. 11" P.I.}}{48}$  89 +97  $\frac{2'' \text{ P}}{79}$  +98  $\frac{1'' \text{ P}}{55-64-73}$  +98  $\frac{2'' \text{ Ash}}{88}$  +79  $\frac{\text{S.W. Cor Ho}}{110}$  +68  $\frac{\text{E Ent 15" x 20" CM}}{21}$  +61  $\frac{8'' \text{ Basswood}}{41}$  +157  $\frac{\text{Row 1" P}}{70, 61-51-39}$  +50  $\frac{\text{TP}}{28}$  +49  $\frac{\text{Row 10" C.E.}}{62-53-41}$  +44  $\frac{18'' \text{ O}}{34}$  88 +203  $\frac{\text{S.E. Cor Ho}}{100}$  12"



FK  
WM  
LPD  
GM

August 16, 1967  
August 30, 1967

16



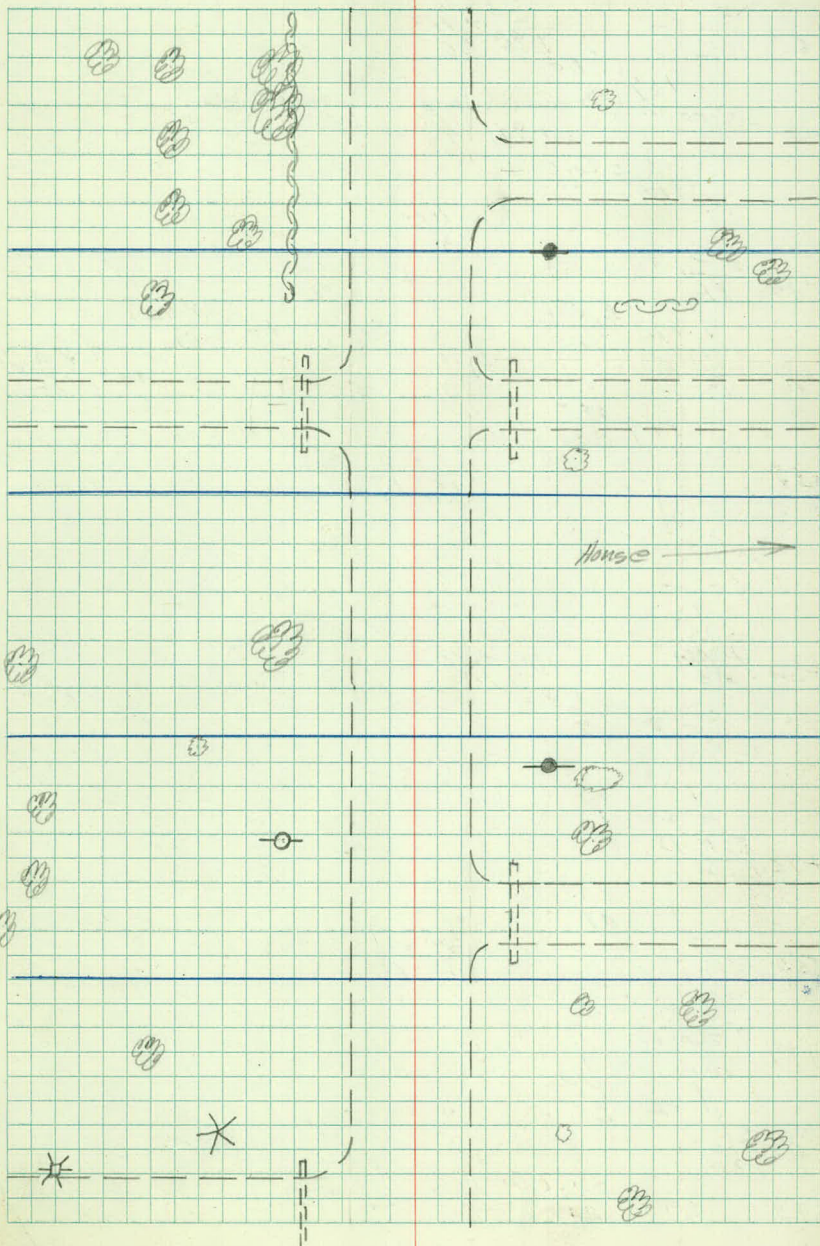
93  
 +98 E. Hedge 26  
 +87 Tw 18" Oak 28  
 +89 8" Box Wood 52  
 +74 8" Apple 51  
 +53 12" W. Willow 35  
 +40 B. Hedge 26  
 +40 8" Willow 53  
 +18 Ent 15" x 20" CM C. Rock 23  
 Road 13 12  
 +90 6" Maple 65  
 +77 14" Oak 28  
 +59 8" Apple 51  
 +50 TP 29  
 +67 15" x 20" CM Ent C. Rock 22  
 +79 S.W. Cor. Ho. 127  
 +82 Bush 40  
 +52 10" Apple 66  
 +47 8" Apple 75  
 +39 Hedge 42-58  
 +08 Lilac 34  
 +18 Ent 15" x 20" CM C. Rock 22

92  
 +74 S.E. Cor. Ho. 102  
 +65 8" W. Willow 82  
 +36 4" Apple 77  
 +29 PP 27  
 +22 8" Apple 79  
 +11 3" Apple 86  
 +68 10" Oak 29  
 +77 6" CE 90  
 +98 6" CE 91  
 +59 4" C.E. 91  
 +44 TP 29  
 +42 Lilac 35-41  
 +29 8" Elm 37  
 +14 15" x 20" CM Ent C. Rock 22

91  
 +85 4" Maple 56  
 +68 6" P 41  
 +61 Yard Light 75  
 +53 Ent 15" x 20" CM C. Rock 23  
 +95 2" Elm 36  
 +93 8" C.E. 59  
 +65 S.W. Cor. Ho. 126  
 +65 10" Elm 73  
 +67 Bush 31

August 30, 1967

17





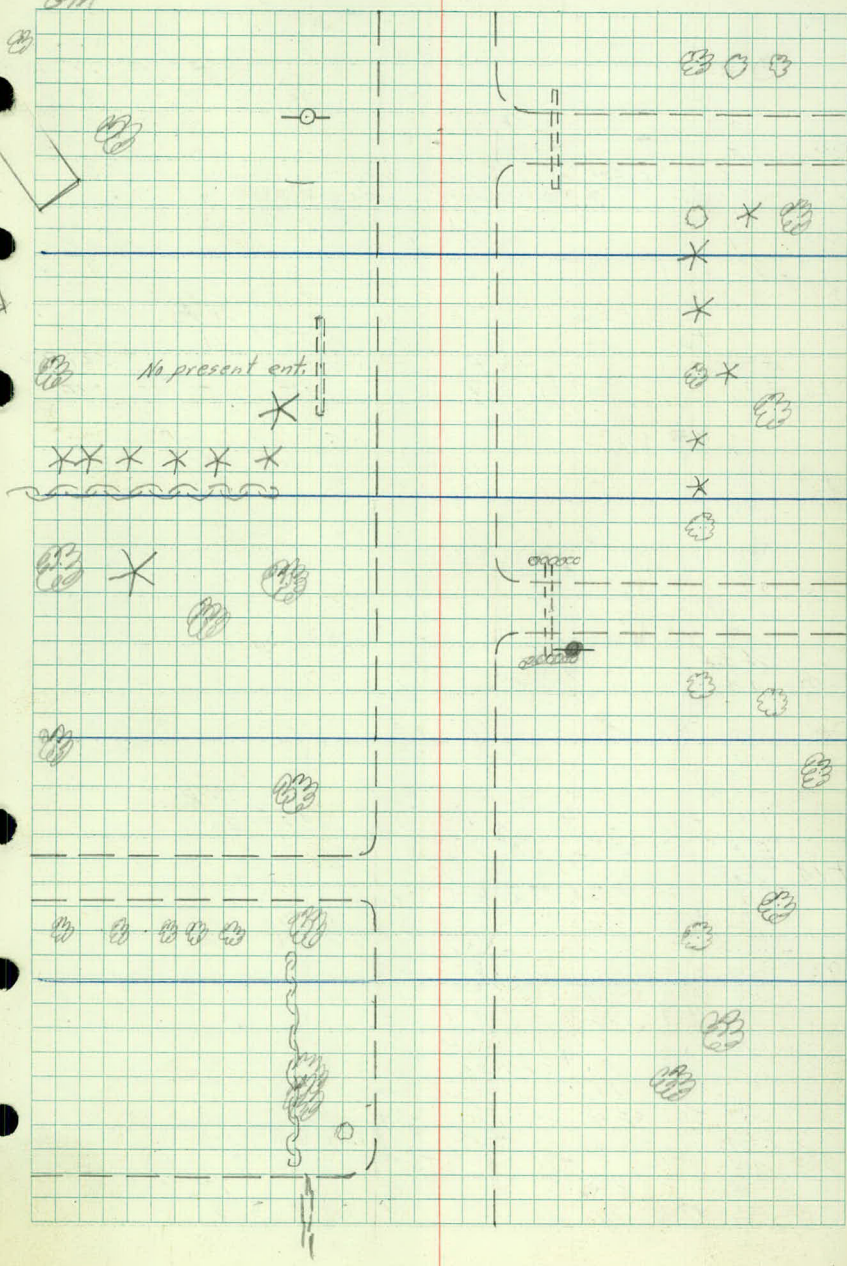
Handwritten ledger with multiple columns and rows of entries. Entries include numbers, names, and dates. Some entries are crossed out or have checkmarks. The text is written in cursive and includes various abbreviations and symbols.



FK  
WM  
LPD  
GM

August 31, 1967

18



98

Road  
13 12

+89 24"CE  
88

+61 12"Maple  
83

+89 8" Bass wood  
59

+62 10"Maple  
52

+57 S.W. Cor Ho  
110

+49 Yard Light  
22

+49 Guard Post  
17

+47 Curb  
31 →

+29 Guard Post  
17

+63 Begin 15"X49'CM  
22

+63 Headwall  
19-27

+34 Curb  
31 →

+29 SE 15"X20'CM  
24

+18 S.E. Cor Ho  
86

+32 PP  
27

+25 TP  
29

+120 Ent 15"X40'CM  
Dirt 24

Road  
14 12

+16 Guard 4" Birch  
78

+10 7" Maple  
42

97

+84 4"CE  
44

+77 12" Catulpa  
77

+84 2-2" Birch  
56

+83 4"CE  
52

+62 S.W. Cor. Ho.  
109

+73 4"CE  
51

+53 GRP  
20

+53 4" Maple  
95

+43 S.E. Cor. Ho.  
98

+35 GRP  
20

+14 E.R.  
14

+12 R. Tie  
Ho

+44 EN' Ent 15"X20'CM  
Bit 24

+53 12"CE  
53

+107 NE Apron 12"BCP  
24

+30 6" Maple  
65

96

Road  
22 11

+30 6" Maple  
44

+93 BR  
32

+58 PP  
62

+67 GGV  
36

+99 N.E. Apron 12"SCP  
23

+60 S.E. Culv.  
25

+72 Sewer  
X-Ing

+64 GR  
28

+63 P.O.R.  
20

+70 VER  
31

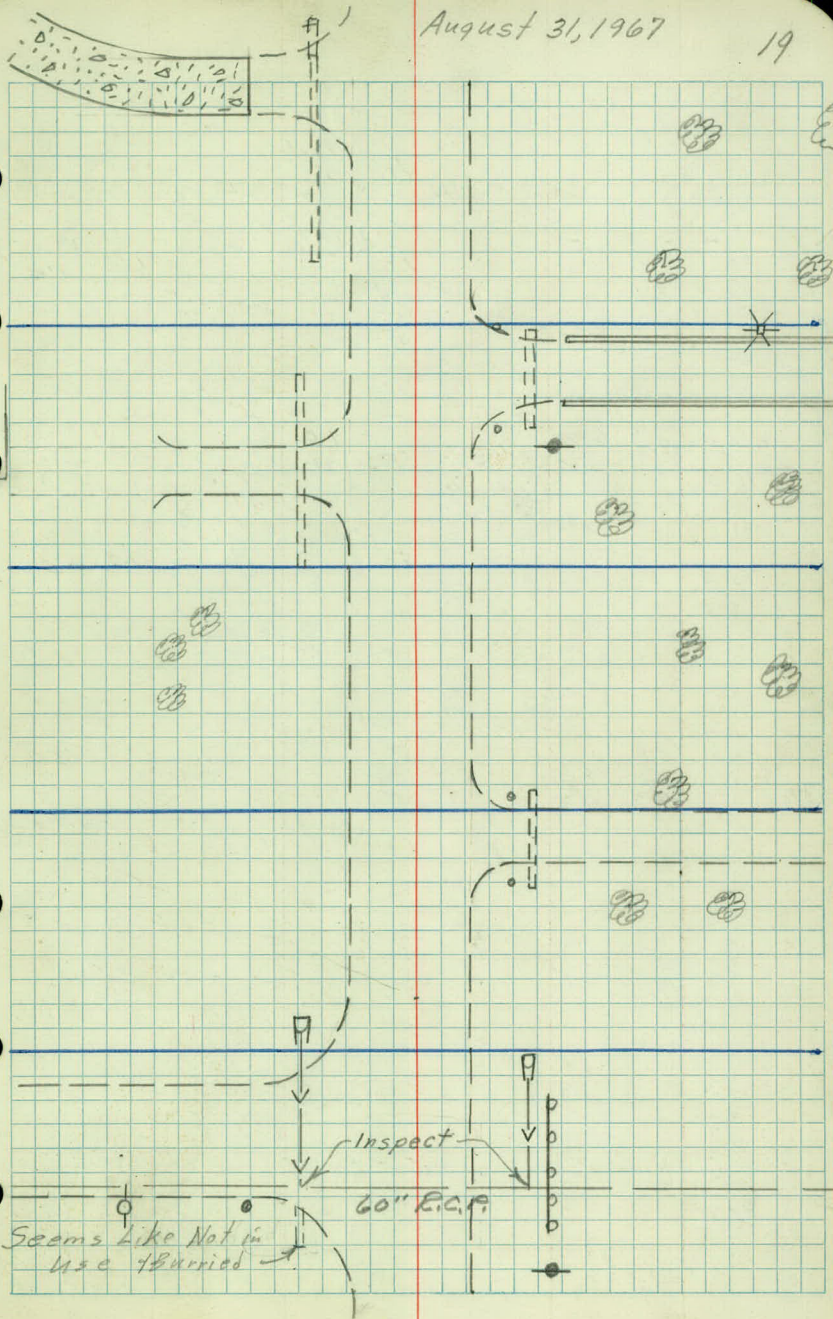
+80 GR  
28

+52 BR  
13

+55 TP  
28

August 31, 1967

19



Seems Like Not in Use 4 Buried



Handwritten notes showing calculations for various items, likely related to landscaping or construction costs. The notes are organized into columns and rows, with some items having multiple entries.

Key items and calculations visible:

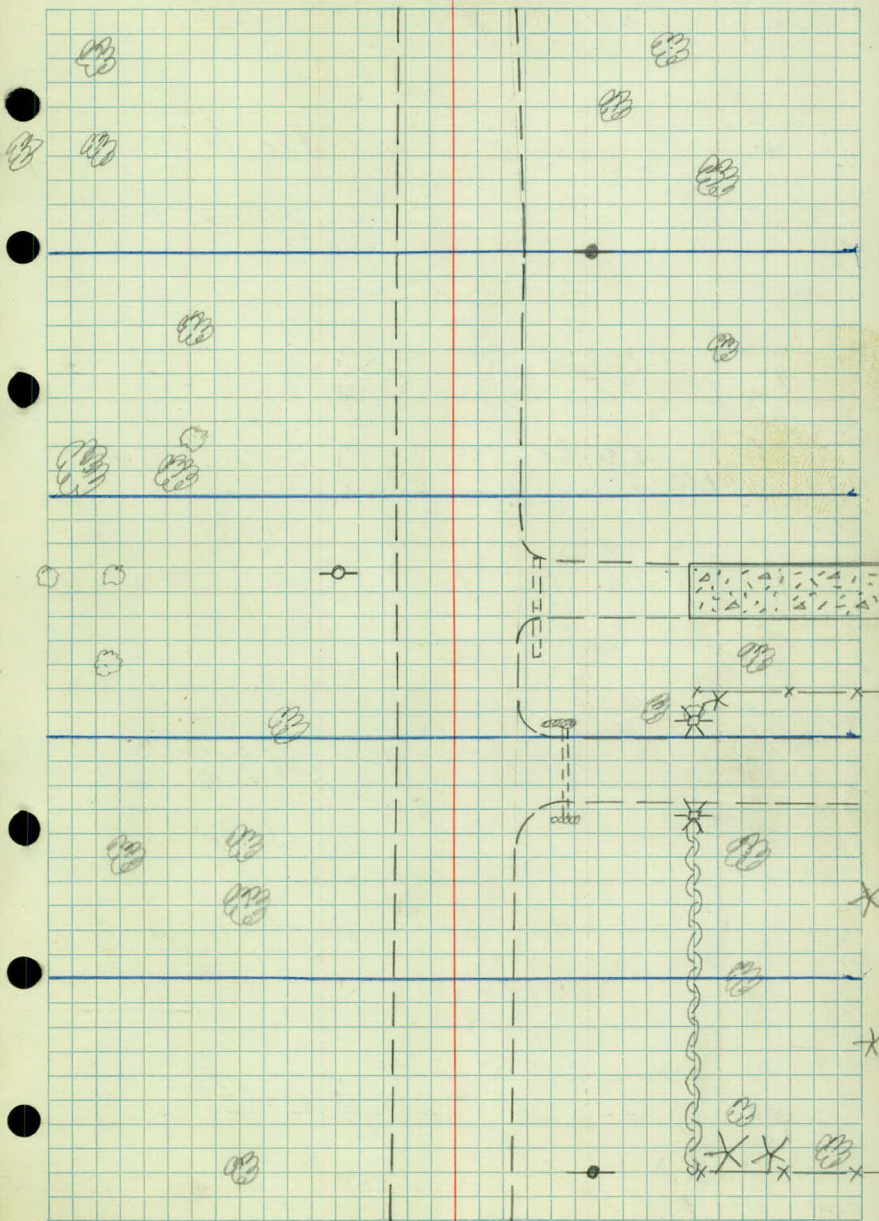
- +122 90
- +43 46
- +30 33
- +17 SW Cor Ho 122
- +15 55
- +100 IP 29
- +80 57
- +46 92
- +80 Birch 92
- +41 S.W. Cor Ho 121
- +15 x 22 CM 11 Conc Ent 49
- +27 21
- +31 49
- +17 6 Ash 63
- +109 50 -> X Fe
- +106 42
- +103 Yard Light 50
- +105 Bush 50
- +103 Headwall 19-24
- +15 x 20 CM 23
- +89 50
- +13 C. Rack 23
- +83 E. Hedge 50
- +83 Headwall 20-26
- +76 24 Silver Maple 61
- +59 SW Cor Ho 121
- +66 4 P 86
- +50 24 S.M. 60
- +24 95
- +22 60
- +13 10 Elm 79
- +13 9 P 66
- +10 B Hedge 50
- +10 IP 29
- +10 Fe 50 ->

The bottom of the page shows a final calculation: 13 12.



August 31, 1967

20



Road

103

↓  
+99  $\frac{BR}{30}$

12

↓  
+91  $\frac{Trip 10'' Elm}{50}$

↓  
+77  $\frac{TP}{29}$

↓  
+51  $\frac{E. Snow Fe}{37}$

↓  
+80 S. Edge Dellst  
↓  
+36 4" Basswood 66  
↓  
+17 8" Catalpa 73  
↓  
+41 8" Apple 94

↓  
+04 S.E. Cor. Ho 115  
↓  
+00 4" Basswood 66  
↓  
102 Road 12 12

↓  
Fe 38

↓  
+80 8" Maple 95  
↓  
+74 10" Elm 74  
↓  
+69 12" P 52  
↓  
+34 1" Oak 54  
↓  
+06 12" P 46  
↓  
+20 PP 24  
↓  
+01 S.E. Cor. Ho 119

↓  
+53 B. Snow Fe 39

↓  
+12 TP 29

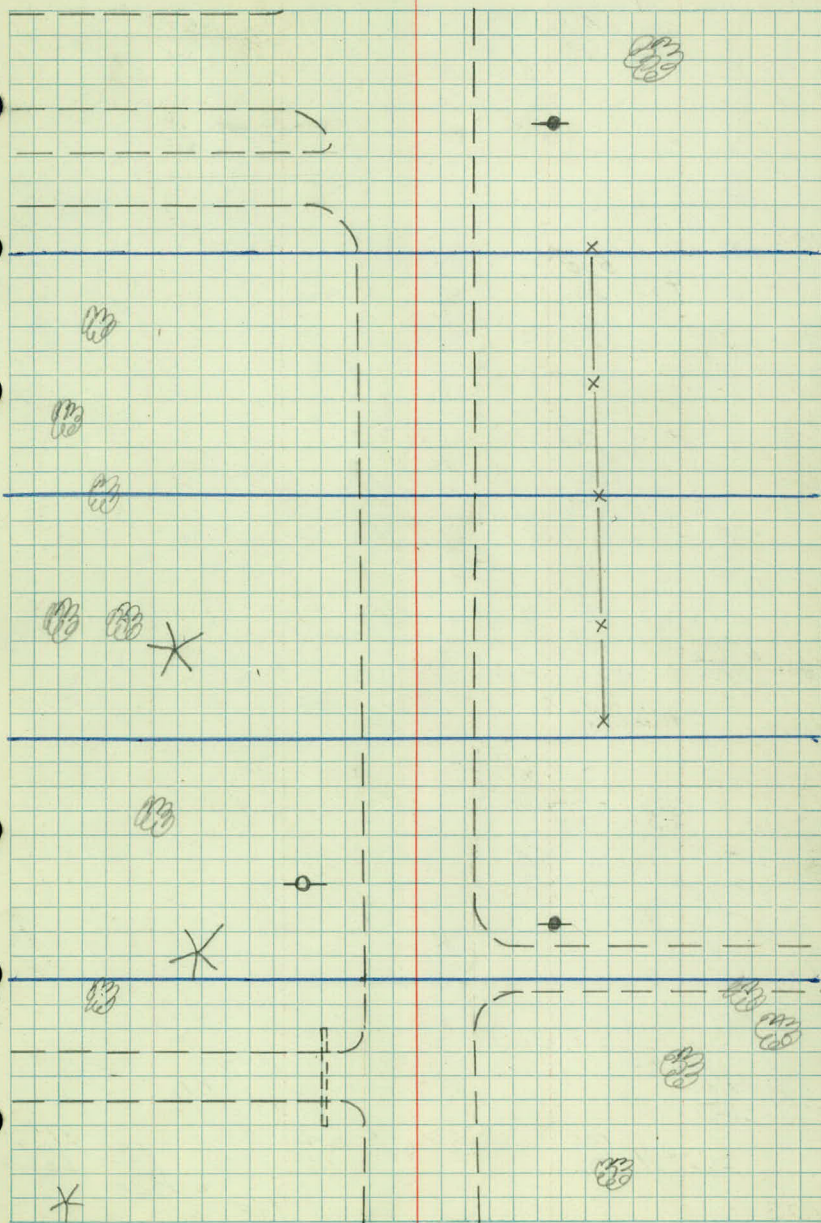
↓  
101 Road 11 12

↓  
+01 E Ent RT Gravel

↓  
+96 6" Birch 90  
↓  
+80 Ent C.R. 19  
↓  
+54 8" P 73  
↓  
+97 6" Birch 66  
↓  
15" x 20" CM 19  
↓  
+82 Tw 18" C.H. 45  
↓  
+97 27" C.H. 69  
↓  
+88 14" C.H. 74  
↓  
+60 Tw 8" Elm 41

August 31, 1967

21



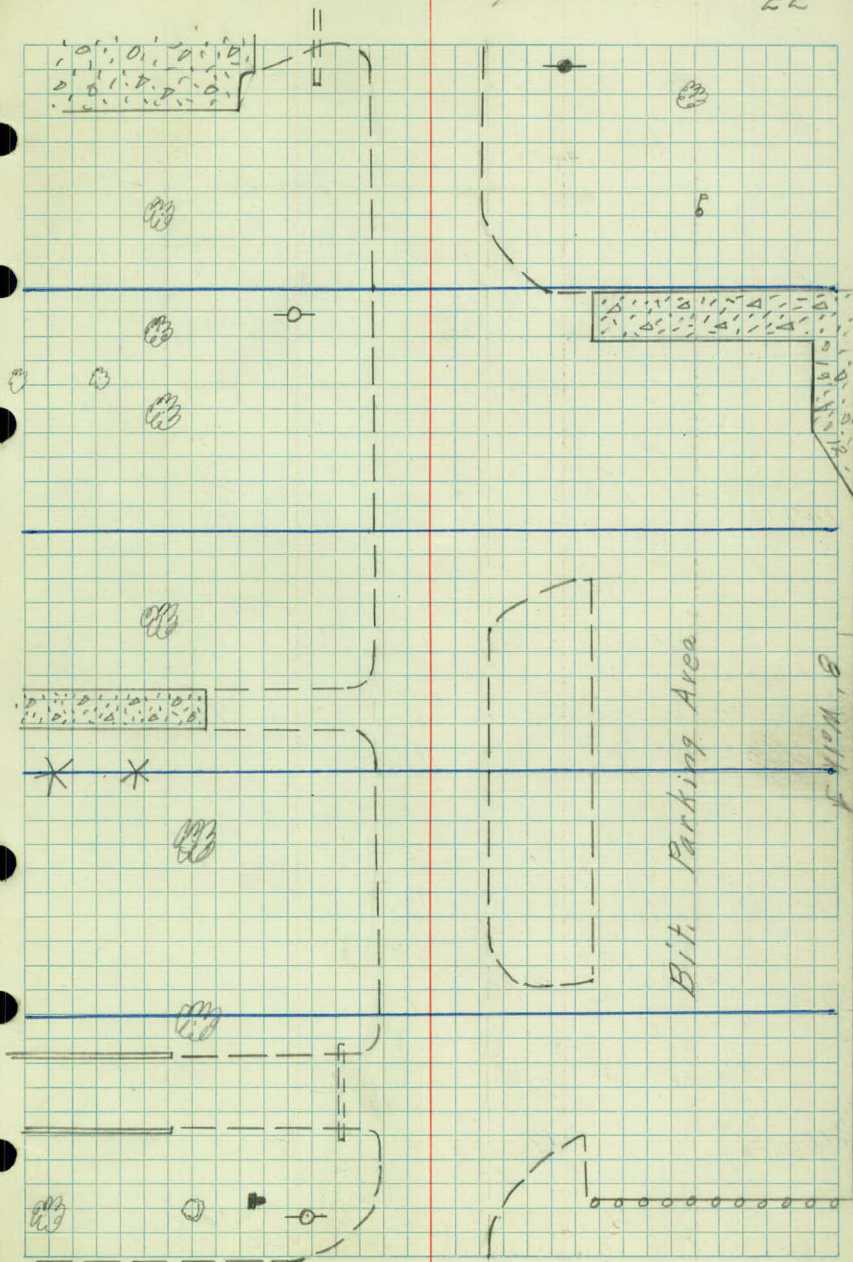


↓ 8.E 15" X 20' CM  
 ↓ +42 24  
 ↓ Cor Conc  
 +37 40  
 ↓ 3" R.L. Maple  
 +15 56  
 ↓ SE Cor Ho  
 105 100  
 ↓ 115  
 ↓ 6" Ash  
 +94 28  
 +91 57  
 ↓ 10 Ash  
 +93 92  
 ↓ 8" CE  
 +81 86  
 ↓ Tript Birch  
 +72 100  
 ↓ 8" CE  
 +74 56  
 ↓ SE Cor Ho  
 +07 115  
 ↓ 8" CE  
 +31 57  
 ↓ 6" P  
 +00 79  
 104  
 ↓ 2" P  
 +00 62  
 ↓ 8' Can Ent  
 +13 47  
 ↓ 6" P  
 +00 100  
 ↓ Road  
 112  
 ↓ Cor Bit  
 +99 24  
 ↓ Cor Walk  
 +89 33  
 ↓ ER  
 +40 30  
 ↓ BR  
 +30 12  
 ↓ 12" S. Pop  
 +86 49  
 ↓ 10" S. Pop  
 +48 49  
 ↓ SE 15" X 20' CM  
 +24 19  
 ↓ Curb  
 +26 49  
 ↓ SE Cor Ho  
 +25 115  
 ↓ 10' Elm  
 +09 80  
 ↓ Hyo  
 +11 36  
 ↓ ER  
 +16 12  
 103  
 ↓ PP  
 +08 26  
 ↓ IP  
 +95 29  
 ↓ ER  
 +65 12  
 ↓ BR  
 +57 33  
 ↓ BR  
 +08 14  
 ↓ ER  
 +25 32  
 ↓ B.P. Lot Rail  
 +12 33 → 89



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22



108

↓ Road  
13 12

+85 Cor Conc 49  
 +75 Light P 36  
 +22 Cor Bit 16  
 +66 Bit 31  
 +28 Cor Walk 53  
 +95 Cor Conc 48  
 +73 Bit 21  
 +72 PP 30  
 +78 Bit 35  
 +93 Cor Bit 29  
 +21 NE Cor Bldg 56  
 +88 S.E. 15"X10'CM 25  
 +82 18" Elm 35  
 +62 20" Elm 35  
 +55 14" P 47  
 +92 E 9' Walk 28  
 +77 Cor Conc 34  
 +71 Cor Conc 11  
 +84 Cor Bit 20  
 +23 Bit 30  
 +10 E 14' Elm Bit 28  
 +23 32" Elm 35  
 +10 E 14' Elm Bit 28  
 +107 Bit 30  
 +14 Road 12  
 +84 School Bit 33

↓ PP  
+87 29

↓ S.E. 15"X27'CM  
+97 25

B Walk  
 +66 58-56  
 E Walk  
 +59 53-56

↓ TP  
+86 28

↓ Cor Bit  
+09 29

↓ S.W. Cor Conc  
+66 33-40

↓ Bit  
+85 42

Cor Walk  
+14 53

↓ Cor Bit  
+22 78

↓ Cor Bit  
+37 39  
+37 Cor Bit 67

↓ S.E. Cor Bldg.  
+01 56

↓ Bit  
+25 29-51

106

↓ Road  
12

↓ S.E. 15"X20'CM  
+07 24 13' Bit

↓ Bit Curb  
+82 23

SE 15"X30'CM  
+78 24

↓ X-Fe  
+76 50

4" Ash  
+66 56

↓ Sign  
+65 37-41

↓ PP  
+77 27

Cor Conc.  
+61 37

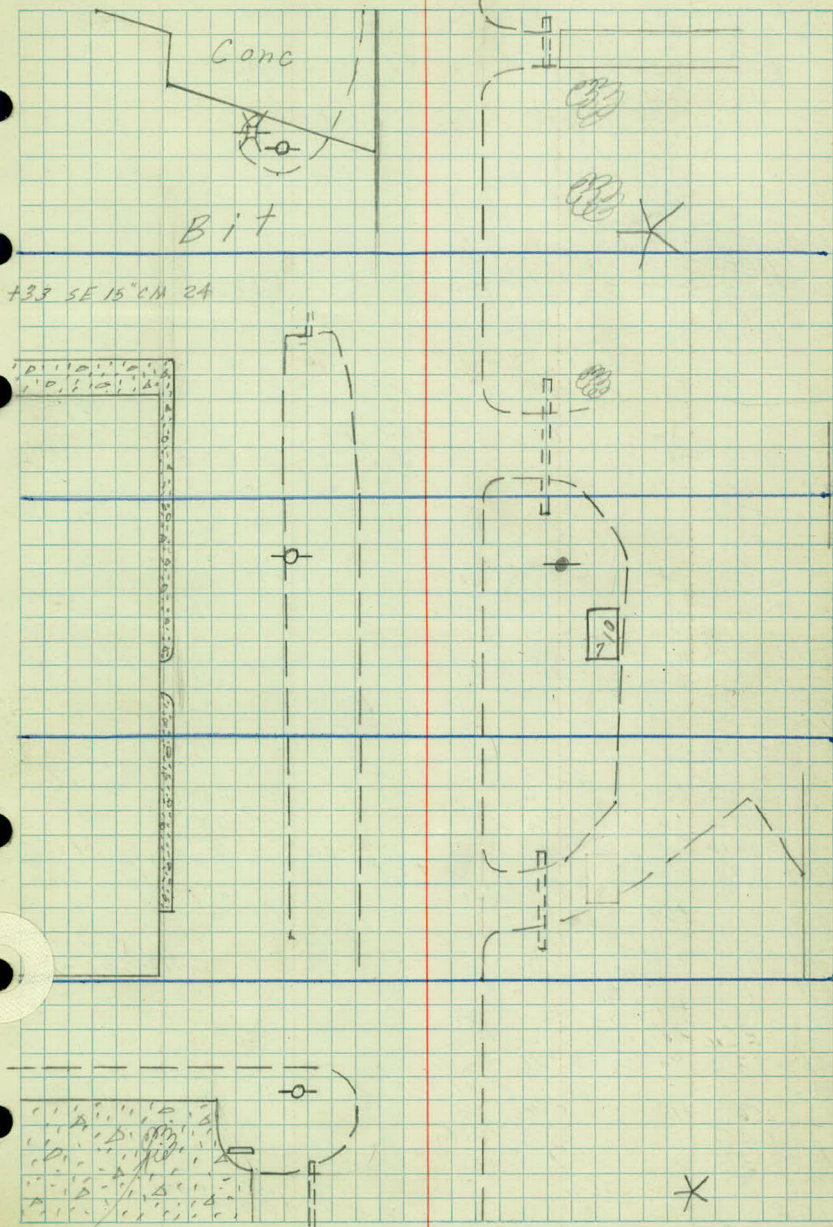
↓ Cor Conc.  
+75 44

↓ E Elm  
+55 C. Rock

↓ 4" P  
+56 55

August 31, 1967

23



Believe it

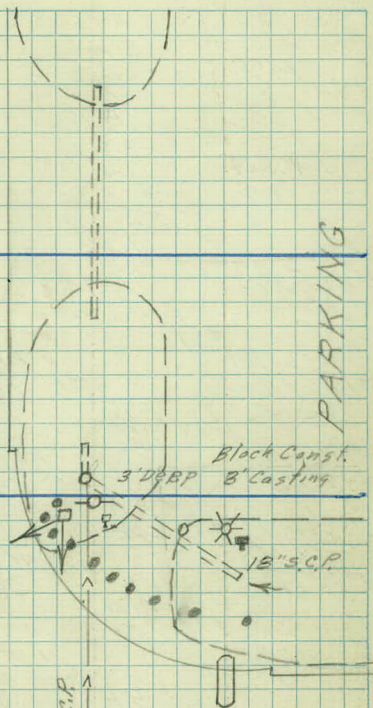
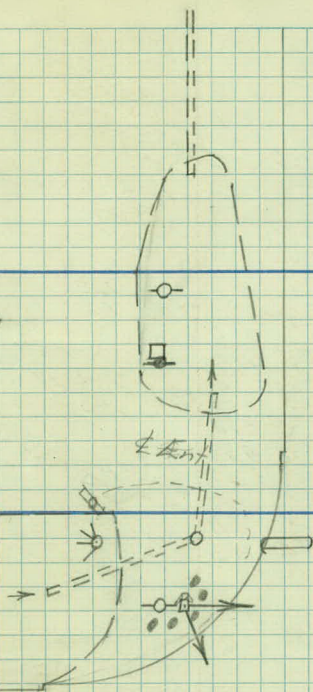
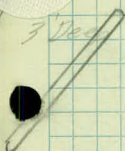


✓ SE 15" CM  
 +20 29  
 +19 POK 35  
 +23 POK 25  
 +18 ER 21  
 +49 BR 12  
 +107 BR 38  
 +134 29  
 +45 ER 43  
 ✓ NEW Is Lane  
 +100 91  
 ✓ SEC Cor Bldg  
 +106 112  
 ✓ Road  
 +110 41  
 ✓ Tel Booth  
 +84 37  
 ✓ PP  
 +96 35  
 ✓ E. Pump Is.  
 +91 70  
 ✓ POK  
 +94 28  
 ✓ ER  
 +87 42  
 +77 ER 14  
 ✓ NE 18" CM  
 +75 24  
 ✓ TP  
 +81 36  
 ✓ ECR  
 +54 11  
 ✓ BR  
 +77 14  
 ✓ SE 18" CM  
 +187 28  
 ✓ ECR  
 +63 71  
 ✓ Sign  
 +52 50  
 ✓ B. Pump Is.  
 +63 97  
 ✓ Cor Bit  
 +45 50  
 ✓ Cor Bit  
 +156 42  
 ✓ Edge Bit  
 +127 44  
 ✓ Cor Bit  
 +150 46  
 ✓ PP  
 +42 28  
 ✓ MH  
 +54 26  
 ✓ Stub P  
 +53 35  
 +28 27  
 ✓ Lt. Pile  
 +44 49  
 ✓ Stub P  
 +43 47  
 ✓ Light P  
 +43 55  
 ✓ EGR P  
 +48 20  
 ✓ MH  
 +45 28  
 ✓ Signal Plate  
 +44 14-4  
 ✓ Cor Bit  
 +44 32  
 ✓ Control  
 +45 31  
 ✓ Signal  
 +46 22  
 +32 Gas Vent  
 +31 36  
 ✓ W. 18" CM  
 +34 59  
 ✓ EE 18" SC P  
 +33 58  
 ✓ Hud  
 +38 59  
 ✓ EGR P  
 +123 60  
 ✓ Signal 45 GRP  
 +31 31  
 ✓ POK  
 +28 26  
 ✓ Cor Bit  
 +23 13  
 ✓ ECR  
 +13 65  
 ✓ Pressure Plate  
 +107 17  
 ✓ BR  
 +55 15  
 ✓ 70  
 ✓ Cor Bit  
 +90 46  
 109  
 ✓ GRP  
 +80 47  
 ✓ P. Plate  
 +88 to 98  
 ✓ ECR  
 +13 61  
 ✓ TP  
 +73 67  
 ✓ 15" x 20" CM  
 +79 46-85  
 ✓ Ent  
 +79 49-78  
 ✓ Cor Conc.  
 +71 19  
 ✓ Signal W 5 GRP  
 +72 27  
 ✓ Ent  
 +71 49-80  
 ✓ POK  
 +60 30  
 ✓ Sign  
 +77 33  
 ✓ EE 15" CM  
 +77 51  
 ✓ Sign  
 +66 37  
 ✓ Cor Conc.  
 +66 33  
 ✓ Cor Conc.  
 +68 18  
 ✓ MH  
 +61 24  
 ✓ POK  
 +68 78  
 ✓ BCR  
 +44 11  
 ✓ Pump Is.  
 +54 100-88  
 ✓ Light P  
 +58 3-13  
 ✓ Cor Bit  
 +64 22-51  
 +35 Cor Conc.  
 +40 Cor Conc.  
 +37 10  
 ✓ BR  
 +49 15  
 ✓ SEC Cor Bldg  
 +101 83  
 ✓ NE 18" CM  
 +184 44-83  
 ✓ Cor Conc.  
 +31 33  
 ✓ S. E 18" CM  
 +49 24  
 ✓ 18" Elm  
 +156 67  
 ✓ Cor Conc.  
 +10 35  
 ✓ SE Pump Is. 2.5 x 9  
 +16 49  
 ✓ 8" Elm  
 +36 47  
 ✓ B.C.R  
 +144 11  
 ✓ Cor Conc.  
 +106 33  
 ✓ NE 13" CM  
 +17 25  
 ✓ 12" Elm  
 +17 47  
 ✓ TP  
 +126 27  
 ✓ Cor Conc.  
 +103 10  
 ✓ Cor Conc.  
 +101 15  
 ✓ Cor. School  
 +104 72  
 ✓ Cor Conc c 69

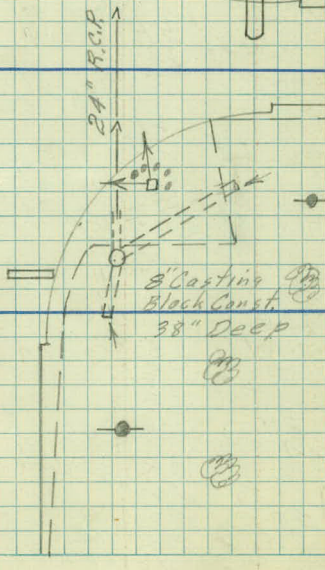
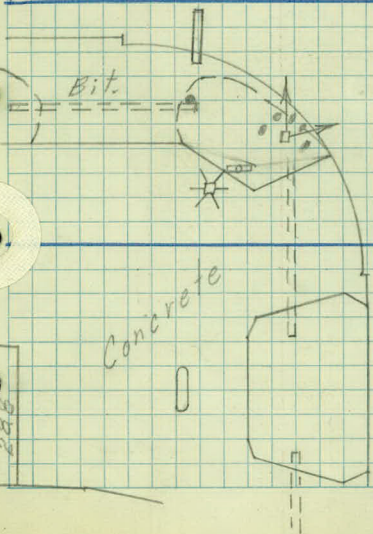
FM  
WM  
FS  
LPD  
WJ

Sept. 14. 1961

24



PARKING



37A

Road  
11 10

113

✓ S.E. 15" x 30 CM  
 +79 29

✓ 14" Elm  
 +84 83

✓ W.S.O.  
 +52 37

✓ S.E. Cor. Ho. to office  
 +49 122

✓ NE. 18" SCP Apron  
 +57 30

✓ 3" Maple  
 +53 64

✓ SW Cor. office  
 +80 83

✓ Cor. Bit.  
 +80 68

✓ Sign  
 +46 41

✓ 14" Elm  
 +46 83

✓ Sign  
 +52 50

✓ 3 Walk  
 +41 35

✓ ER  
 +47 11

✓ Cor. Bit.  
 +40 68

✓ PP  
 +18 28

✓ N.E. 18" SCP Apron  
 +39 26

✓ ER  
 +18 18

✓ Hyd  
 +28 47

✓ POK  
 +32 20

✓ MH  
 +100 33

✓ JBR  
 +24 35

✓ POK  
 +82 23

✓ POK  
 +16 35

✓ ER  
 +64 43

✓ BR  
 +75 42

✓ MH  
 +93 30

✓ MH  
 +95 26

✓ MH  
 +78 39

✓ TP  
 +78 28

✓ MH  
 +85 32

✓ POK  
 +58 19

✓ ER  
 +66 39

✓ Apron S. End 18" SCP  
 +70 26

✓ BR  
 +43 13

✓ NWC Bldg  
 +67 73

✓ E.E. "SCP"  
 +66

✓ Sirende  
 +55 53

✓ Lift. Sta.  
 +58 40

✓ BR  
 +63 12

✓ PP  
 +44 42

✓ Cor. Bit.  
 +41 41

✓ S.E. 18" SCP  
 +15 30

✓ TP  
 +01 28

✓ Bit  
 43

111

✓ Cor. Bit.  
 +84 57

✓ Cor. Bit.  
 +93 35

✓ SEC. Bldg  
 +93 64

✓ Fe  
 +88 36

✓ Pull Box  
 +83 74

✓ P.P.  
 +86 30

✓ ER  
 +70 16

✓ Cor. Bit.  
 +72 33

✓ SW. Cor. Bldg  
 +65 73

✓ BR  
 +64 34

✓ POK  
 +62 28

✓ Cor. Walk  
 +60 23

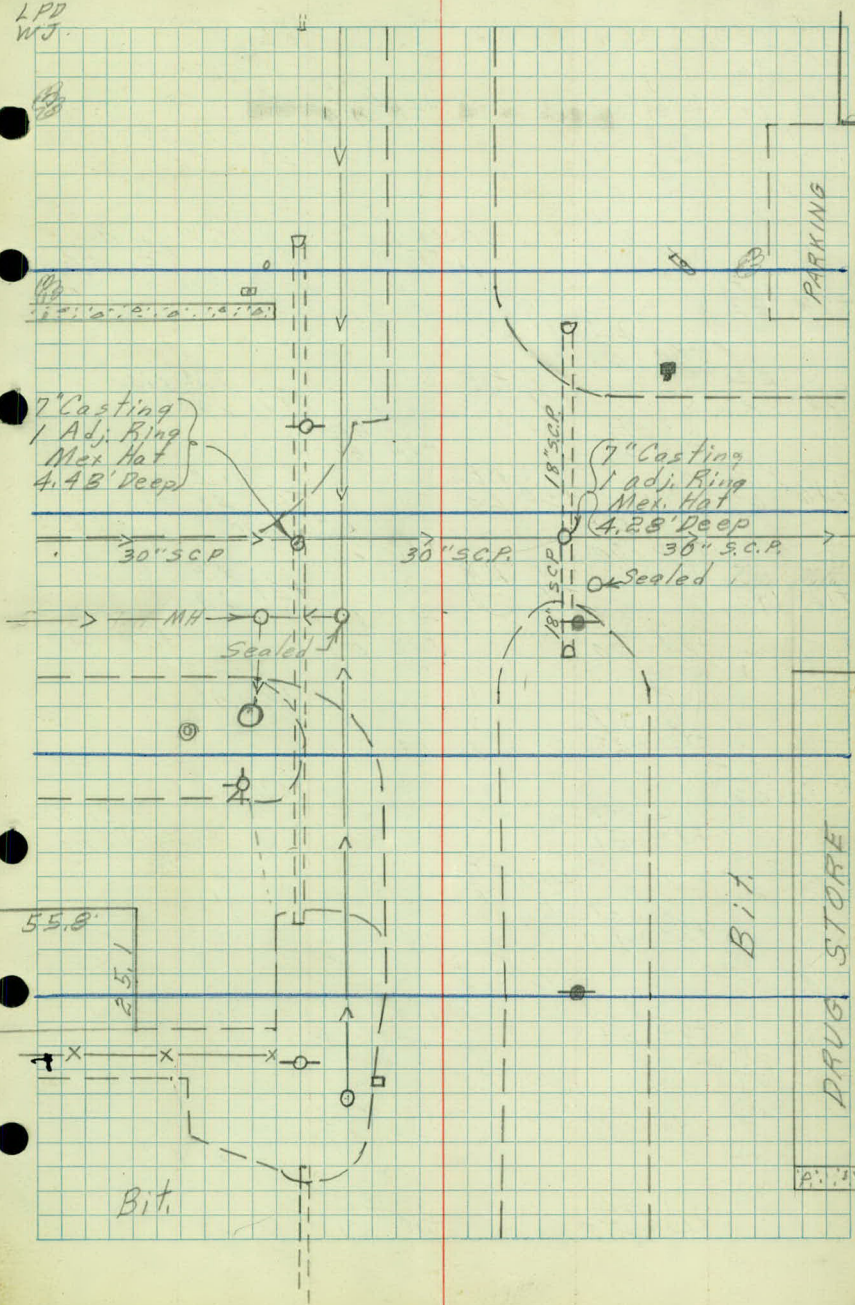
✓ NE 15" CM  
 +65 29



FX  
WM  
LPD  
WJ.

Sept. 15, 1967

25



✓ SE 15"X30'CM  
+46 26

✓ SP  
+45 33

✓ 6" P  
+41 44

✓ PP  
+39 28

✓ SE 15"X30'CM  
+35 24

✓ S.E. Cor. Ho.  
+23 120

✓ Road  
11 10

✓ SW Cor. Ho.  
+02 85

115  
+93 52  
✓ 4" P

✓ Juniper  
+84 68

✓ E Ent  
+65 C. Rock

✓ P. Bush  
+79 63

✓ 8" Maple  
+97 66

✓ SE 15"X30'CM  
+51 27

✓ E Ent  
+74 Bit

✓ P. Bush  
+46 63

✓ P. Bush  
+50 65

✓ 6" P  
+59 45

✓ 5" P  
+45 70

✓ 6" R.L. Maple  
+56 63

✓ SE 23'5"X30'CM  
+58 24

✓ S.E. Cor. Ho.  
+17 118

✓ 4" P  
+36 53

✓ 8" R.L. Maple  
+29 64

✓ 3" P  
+04 70

✓ 6" P  
+08 69

✓ SW Cor. Ho.  
+21 81

114  
+91 68  
✓ 2" P

✓ 2" P  
+03 63

✓ Road  
11 10

✓ 6" P  
+08 45

✓ 2" P  
+91 54

✓ 3" P  
+77 46

✓ E Ent  
+89 C. Rock

✓ 2" Cedar  
+75 64

✓ PP  
+77 29

✓ SE 15"X30'CM  
+74 23  
✓ 12" C.E.  
+74 64

✓ NE Cor. Ho.  
+62 118

✓ A" Birch  
+70 66

✓ 2" Cedar  
+75 54

✓ 2" Cedar  
+65 54

✓ SW Cor. Ho.  
+37 83

✓ 2" Cedar  
+35 55

✓ 2" Cedar  
+45 54

✓ 4" P  
+36 46

✓ 2" Cedar  
+34 63

✓ 6" Maple  
+33 49

✓ 10" C.E.  
+31 73

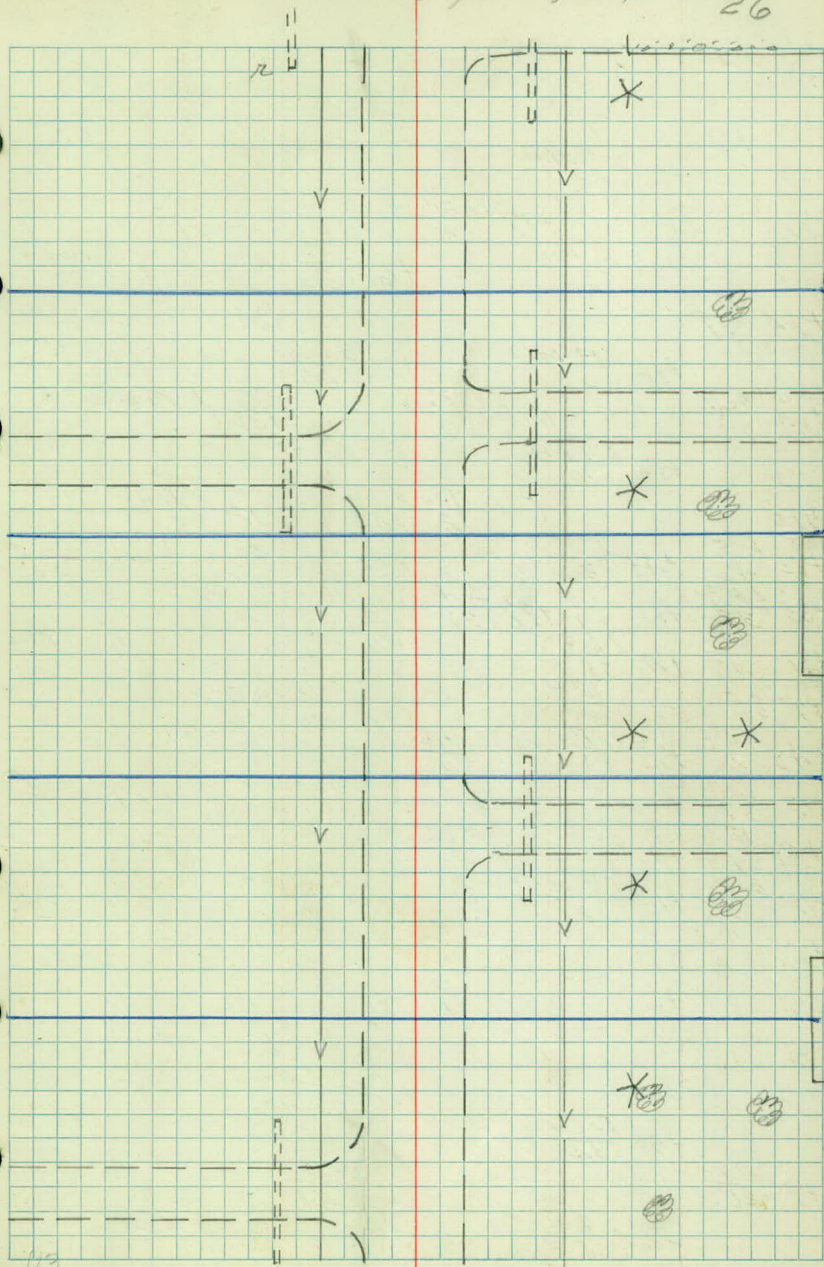
113

✓ E Ent  
+13 Bit

✓ 4" Oak  
+10 51

Sept 18, 1967

26





118

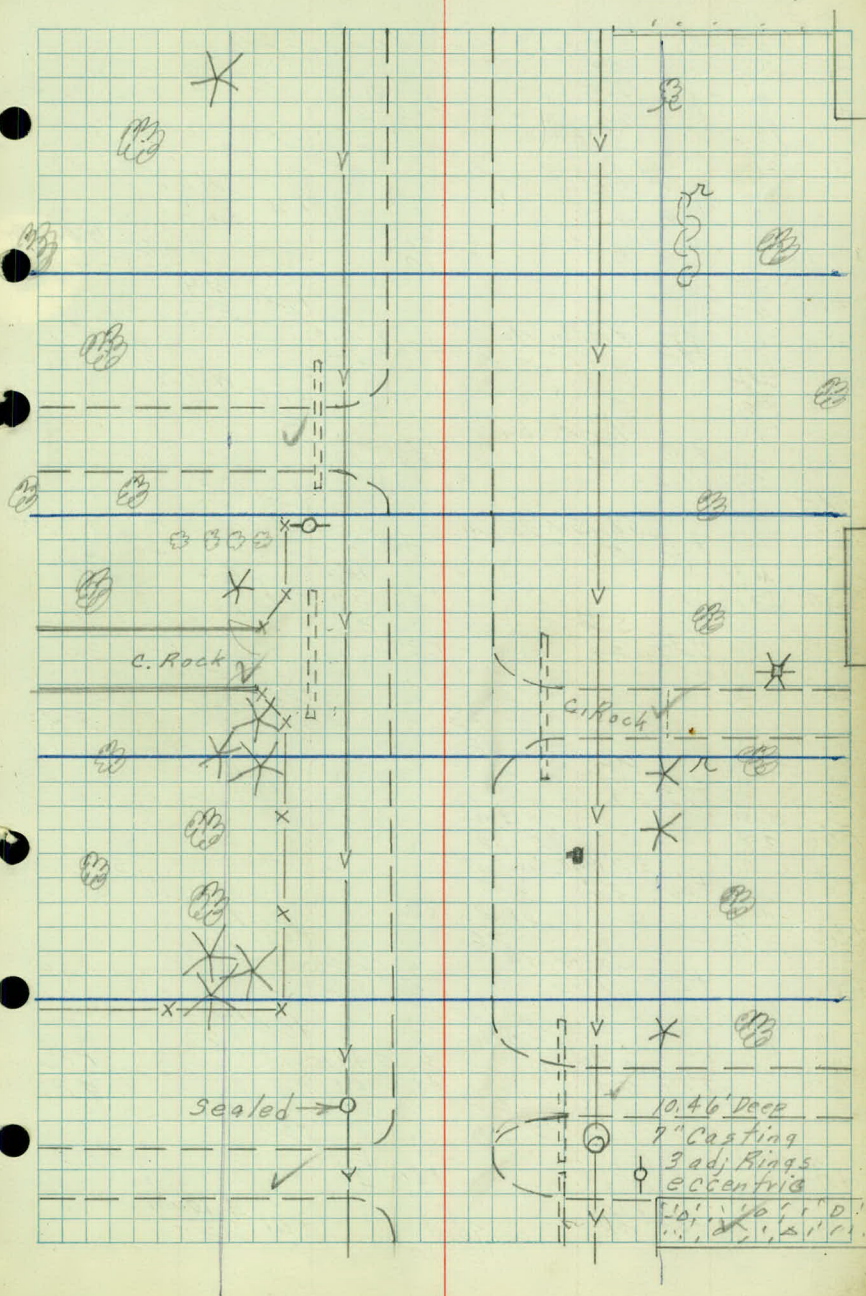
S.E. 24" span x 7' cm  
+100 228" P  
+90 47Tw 8" Birch  
+82 91NE Cor. Ho  
+77 12216" Elm  
+77 63SW Cor. Ho  
+82 8210" Ash  
+64 865" P  
+67 53Dead Elm  
+86 4618" Elm  
+34 71E. Lilac  
+67 4913" Bit Ent  
+16 25B. Lilac  
+48 4914" Elm  
+56 7018" C.E.  
+04 89SE 12" x 26 cm  
+06 2710" Plum  
+25 818" Birch  
+04 66Road  
12 103" Maple  
+02 566" P  
+85 4312" Ash  
+84 73Fe Cor  
+98 23Lin Fe  
+83 33Curb  
+64 39Curb  
+77 3310" Maple  
+78 558" P  
+51 47Lin Fe  
+77 38SE 12" x 26 cm  
+58 28SW Cor. Ho  
+67 84Lin Fe  
+57 3312" P  
+57 394" Fe  
+63 3810" Bit Ent  
+59 47Yard Light  
+68 6912" P  
+48 38P  
+98 288" Mt Ash  
+49 705-10" P  
+49 66Bush  
+95 3712" Locust  
+36 50Bush  
+95 43SE 15" x 30 cm  
+46 215" P  
+48 5412" Locust  
+20 49Bush  
+95 288" Birch  
+26 743" P  
+47 46Bush  
+95 53SE Cor. Ho  
+13 120Hyd  
+29 274" P  
+35 4510" P  
+09 4912" P  
+06 49Tw 6" Birch  
+20 61

116

10" P  
+01 49Road  
11 704" P  
+93 468" C.E.  
+93 65Ent  
+81 C. RockSW Cor. Ho  
+93 84Fe Cor  
+98 34SE 15" x 30 cm  
+67 24MH  
+78 20P  
+64 41MH  
+70 32Ent  
+64 C. Rock10" Conc Ent  
+54 44

Sept. 18, 1967

27

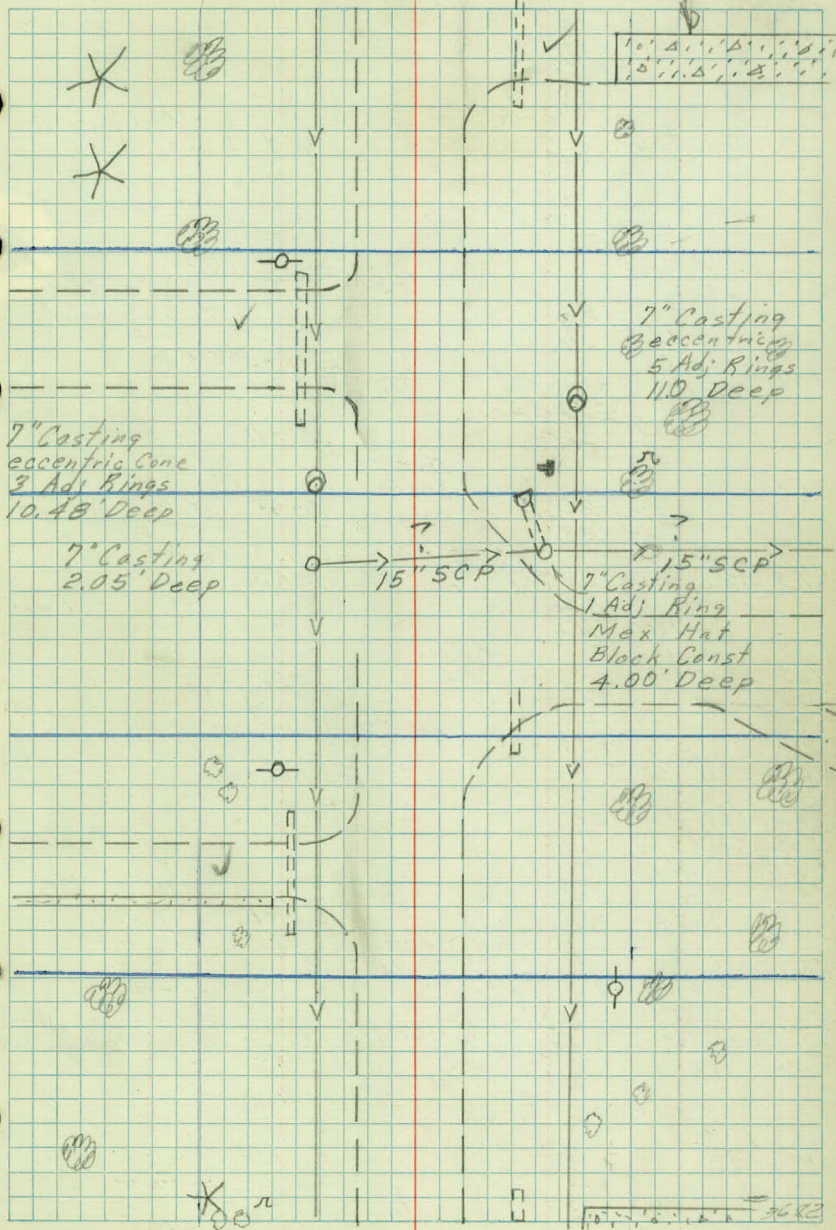


$$+ 01 \quad \frac{5 \text{ Wala}}{35}$$



Sept. 18, 1967

28



123

Tw 8" Birch  
+90 47

3-6" Birch  
+86 66

3" Cedar  
+82 56

5-4" Birch  
+73 49

Bush  
+34 59

SE Con Ho  
+107 121

2 1/2" Conc  
+15 40

122

PP  
+93 28

Q Ent  
+93 48 C. Rock

Ribbon  
+78 44

Yard Light  
+65 53

Rose Hedge  
+58 32-46

SE 12" X 38 CM  
+53 25

5" Birch  
+51 46

SE, Con Ho  
+22 119

2" P  
+22 81

121

2 1/2" Conc Ent  
+91 43

NE Con Ho  
+72 119

SE, 12" X 47 CM  
+68 24

10" Mt. Ash  
+64 45

10" P  
+62 56

Road

11 11

6" Maple  
+83 69

6" P  
+58 60

S.W. Cor Ho  
+24 108

2 1/2" Conc Ent  
+34 28

SE, 15" X 27 CM  
+19 20

Hyd  
+15 28

Road

12 11

2 1/2" Conc Ent  
+95 28

SE, 15" X 30 CM  
+99 26

6" P  
+71 62

1" Maple  
+56 75

Sumac  
+60 50

6" P  
+48 61

S.W. Con Ho  
+18 105

Road

12 10

10" Birch  
+88 74

Cor. Bit.  
+57 24

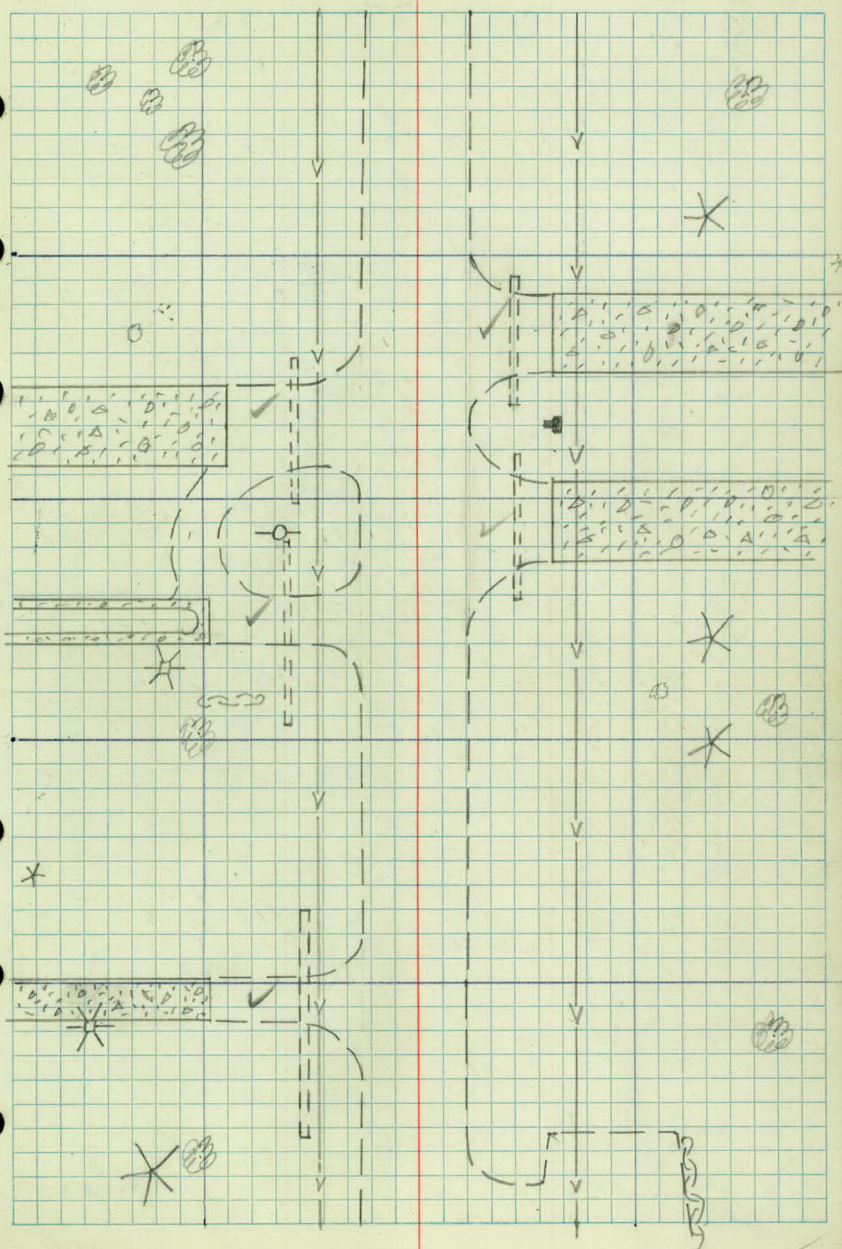
SW Con Ho  
+55 103

Ent Ho  
+67 55

Cor. Bit.  
+68 53-27

Sept. 18, 1967

29





✓  
 +35  $\frac{SP}{25}$       ✓ 6" Maple  
 +45  $\frac{64}{64}$   
 ✓  
 +26  $\frac{8"P}{55}$   
 ✓  
 +13  $\frac{12"P}{56}$       ✓ 6"P      +17  $\frac{64}{66}$       +39  $\frac{Bit}{37-24}$       ✓ POR  
 +43  $\frac{15}{15}$   
 ✓ PP      +105  $\frac{28}{28}$       ✓ CB  
 +37  $\frac{43}{43}$   
 125      ✓ Road  
 11      +32  $\frac{BR}{58}$   
 ✓ STP  
 +97  $\frac{44}{44}$       +93  $\frac{ER}{35}$   
 ✓ 10' Bit Ent      ✓ E. Conc  
 +84  $\frac{28}{28}$       +80  $\frac{78}{78}$   
 ✓ S.E. 12" x 26 CM  
 +70  $\frac{27}{27}$       ✓ POR  
 +88  $\frac{20}{20}$   
 +63  $\frac{14"CE}{65}$       ✓ E. Conc  
 +65  $\frac{87}{87}$   
 ✓ P. Bush  
 +63  $\frac{42}{42}$       +67  $\frac{BR}{11}$   
 ✓ Cor Ho      +87  $\frac{E. Conc Ent}{43-75}$       ✓ E. Conc  
 +37  $\frac{118}{118}$       +76  $\frac{48}{48}$   
 ✓ 14" Maple  
 +37  $\frac{65}{65}$       +71  $\frac{E. Conc}{58}$   
 ✓ P. Bush      +51  $\frac{E. Conc}{72}$       +56  $\frac{E. Conc}{100}$   
 +12  $\frac{40}{40}$       +37  $\frac{E. Conc}{93}$   
 ✓ P. Bush  
 +08  $\frac{46}{46}$   
 ✓ PP Road  
 124      +00  $\frac{28}{28}$  11 10      +09  $\frac{3-4 Birch}{72}$   
 ✓ 2"P  
 +90  $\frac{73}{73}$   
 ✓ NE Cor Ho  
 +85  $\frac{117}{117}$       ✓ 16.5' Conc Ent  
 +76  $\frac{27}{27}$   
 ✓ S.E. 12" x 26 CM  
 +60  $\frac{27}{27}$       +60  $\frac{MH}{33}$   
 ✓ MH  
 +53  $\frac{21}{21}$       +58  $\frac{S.W. Cor Ho}{110}$   
 ✓ 2" Maple  
 +52  $\frac{53}{53}$   
 ✓ 3" MH Ash  
 +15  $\frac{53}{53}$   
 123      +12  $\frac{Trip 4" C. Apple}{55}$

Sept. 18, 1967

30

Bee Hive  
2.65 Deep  
1 Adj Ring  
2" Casting  
Black Const

X X

15" S.C.P.

3.52' Deep

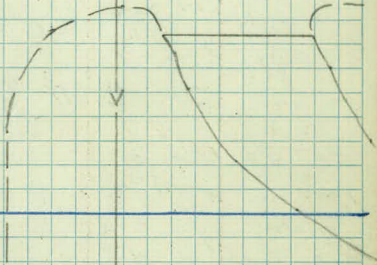
Mex. Hat - 2

Black-Const

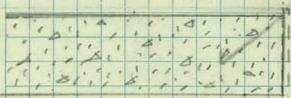
INV. 948.67

RICHARD

$\pi$



X



7" Casting

3 Adj Rings

eccentric cone

11.52 Deep

7" Casting  
3 Adj Rings  
eccentric cone  
8.61 Deep

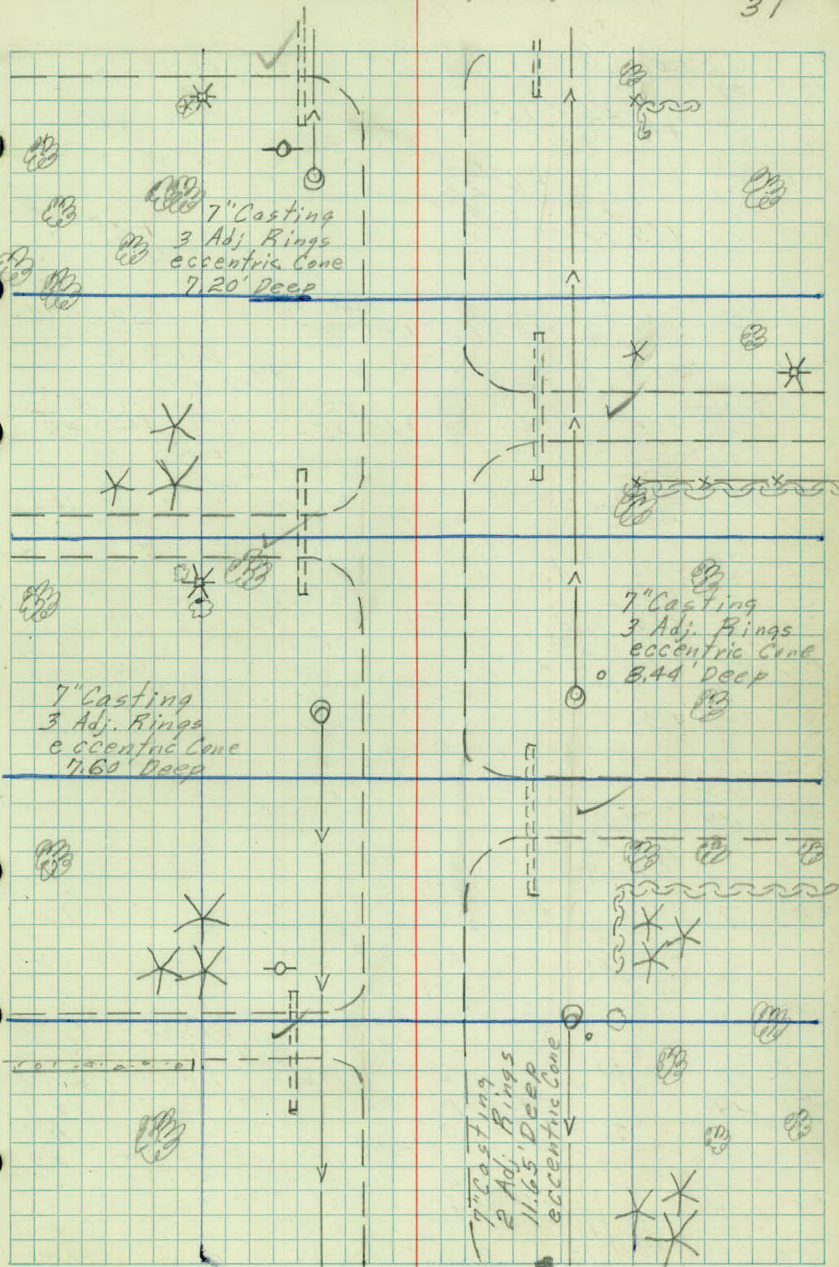
✓

[illegible]



Sept. 18, 1967

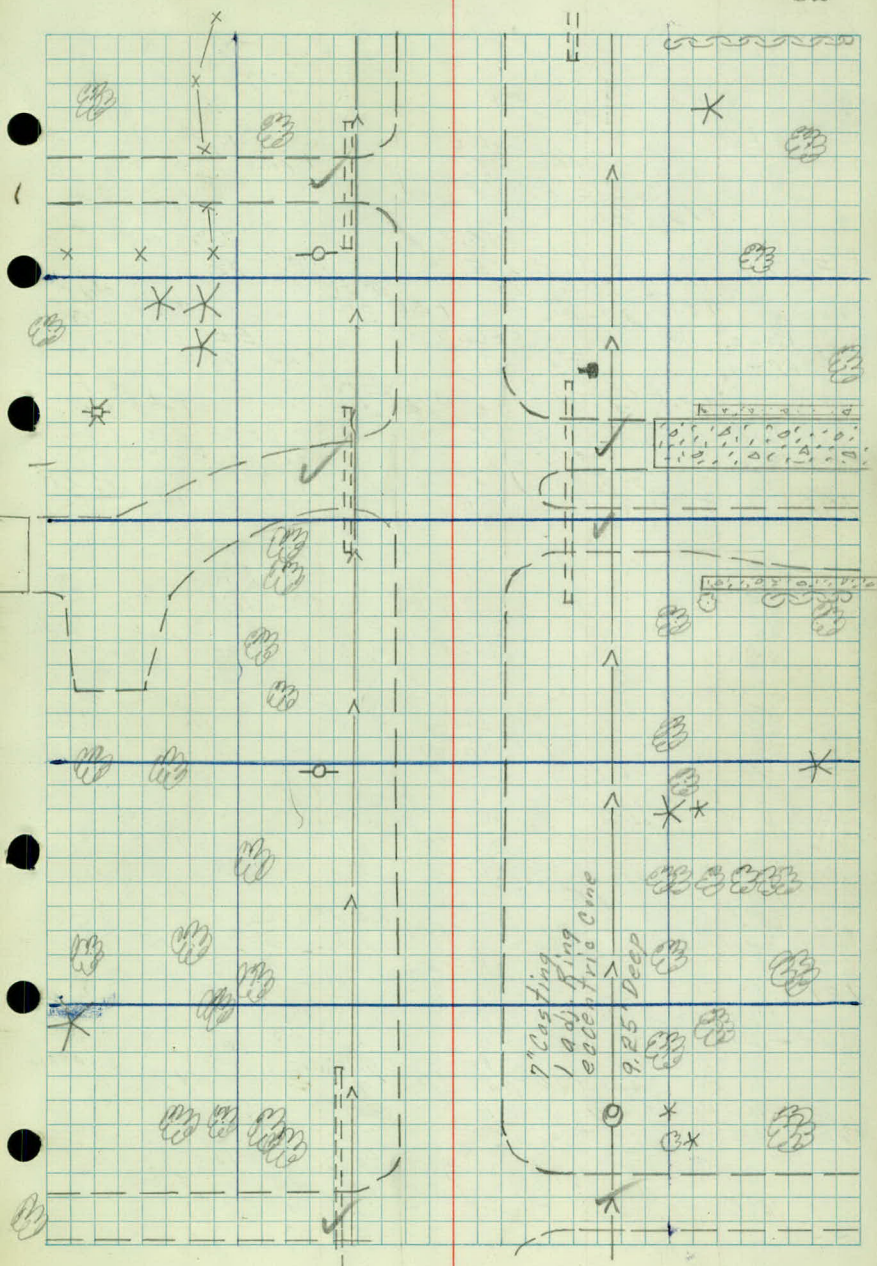
31



|                                 |                               |                               |  |
|---------------------------------|-------------------------------|-------------------------------|--|
| +37 $\frac{S.E. Cor. 110}{111}$ |                               |                               |  |
| $\downarrow$ 14"0               | $\downarrow$ 4" R.L. Maple    | $\downarrow$ Hedge            |  |
| +30 36                          | +37 75                        | +48 44-83                     |  |
| $\downarrow$ Fe Cor             | $\downarrow$ 9" Bit Ent       | $\downarrow$ S.E. 12" x 23 CM |  |
| +05 50                          | +19 32                        | +45 25                        |  |
| $\downarrow$ PP                 | $\downarrow$ S.E. 15" x 26 CM | $\downarrow$ 4" P             |  |
| +05 28                          | +06 22                        | +35 53                        |  |
|                                 | Road                          | $\downarrow$ 10" Maple        |  |
|                                 | 12 11                         | +21 74                        |  |
| 130                             | $\downarrow$ 6" P             | $\downarrow$ 5" Birch         |  |
| +86 52                          | +95 52                        | +03 63                        |  |
| $\downarrow$ Yard Light         | $\downarrow$ 5" P             | $\downarrow$ Hyd              |  |
| +73 74                          | +95 62                        | +81 28                        |  |
| $\downarrow$ 6" Maple           | $\downarrow$ 12" Elm          | $\downarrow$ S.W. Cor Ho      |  |
| +89 84                          | +80 82                        | +76 96                        |  |
| $\downarrow$ 10" D              | $\downarrow$ NE. 15" x 30 CM  | $\downarrow$ 4" P             |  |
| +44 34                          | +73 52                        | +83 53                        |  |
| $\downarrow$ Ent                | $\downarrow$ 22" Walk         | $\downarrow$ 10" Conc Ent     |  |
| +35 89                          | +66 42                        | $\downarrow$ S.E. 15" x 45 CM |  |
| $\downarrow$ Conc. Ent          | $\downarrow$ SE 15" x 45 CM   | $\downarrow$ 30" Walk         |  |
| +34 59-82                       | +33 24                        | +37 52                        |  |
| $\downarrow$ 12"0               | $\downarrow$ 6" Apple         | $\downarrow$ Spire            |  |
| +38 34                          | +28 78                        | +93 53                        |  |
| $\downarrow$ Tw 8"0             | $\downarrow$ Ent              | $\downarrow$ Hedge            |  |
| +24 39                          | +15 64-79                     | +33 65-83                     |  |
| $\downarrow$ 8"0                | $\downarrow$ 8" CE            | $\downarrow$ S.W. Cor Ho      |  |
| +13 35                          | +06 46                        | +03 93                        |  |
|                                 | Road                          |                               |  |
| 129                             | 12 11                         |                               |  |
| +98 28                          | +96 48                        | +90 52                        |  |
| $\downarrow$ 14"0               | $\downarrow$ P 3"             |                               |  |
| +98 59                          | +89 45                        |                               |  |
| $\downarrow$ NE Cor Ho          | $\downarrow$ Row 10" CE       | $\downarrow$ 3" P             |  |
| +82 116                         | +76 43-47-54-62-66-69         | +99 76                        |  |
| $\downarrow$ 12"0               |                               |                               |  |
| +78 42                          |                               |                               |  |
| $\downarrow$ 10"0               | $\downarrow$ Tw 10"0          |                               |  |
| +60 76                          | +63 54                        |                               |  |
| $\downarrow$ 10"0               |                               |                               |  |
| +54 41                          |                               |                               |  |
| $\downarrow$ Tw 10"0            | $\downarrow$ 6" P             | $\downarrow$ 24" Maple        |  |
| +49 47                          | +46 80                        | +57 72                        |  |
| $\downarrow$ 10"0               | $\downarrow$ 10" Maple        | $\downarrow$ Tw 6" Maple      |  |
| +23 39                          | +41 45                        | +46 35                        |  |
| $\downarrow$ Ent                | $\downarrow$ 1" P             | +59 45                        |  |
| +12 C. Rock                     | +22 50                        | $\downarrow$ MH               |  |
|                                 | $\downarrow$ 1" P             | +27 33                        |  |
|                                 | $\downarrow$ 24" Maple        |                               |  |
|                                 | +22 45                        |                               |  |
|                                 | +24 70                        |                               |  |
|                                 | $\downarrow$ 16"0             | $\downarrow$ S.W. Cor Ho      |  |
| 128                             | +06 88                        | +19 93                        |  |
|                                 | $\downarrow$ 12" Ent          |                               |  |
|                                 | +09 81                        |                               |  |

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133

Road  
12 11+84  $\frac{E}{Ent}$ +88  $\frac{Cor}{Cor}$  45+72  $\frac{10"E}{m}$  44+73  $\frac{S.E. 12" \times 29CM}{24}$ +75  $\frac{Cor}{Conc}$  61+75  $\frac{20" \times 4}{35}$ +69  $\frac{ER}{12}$ +75  $\frac{Cor. Conc.}{39-45}$ +44  $\frac{BR}{37}$ +50  $\frac{POR}{20}$ +42  $\frac{Conc.}{60-42}$ +47  $\frac{SE Cor. Ho.}{121}$ +63  $\frac{E}{Ent}$  98+34  $\frac{18"O}{34}$ +16  $\frac{ER}{45}$ +47  $\frac{E}{Ent}$  76+12  $\frac{Tw 18"O}{33}$ +07  $\frac{PP}{28}$ +09  $\frac{POR}{29}$ 

132

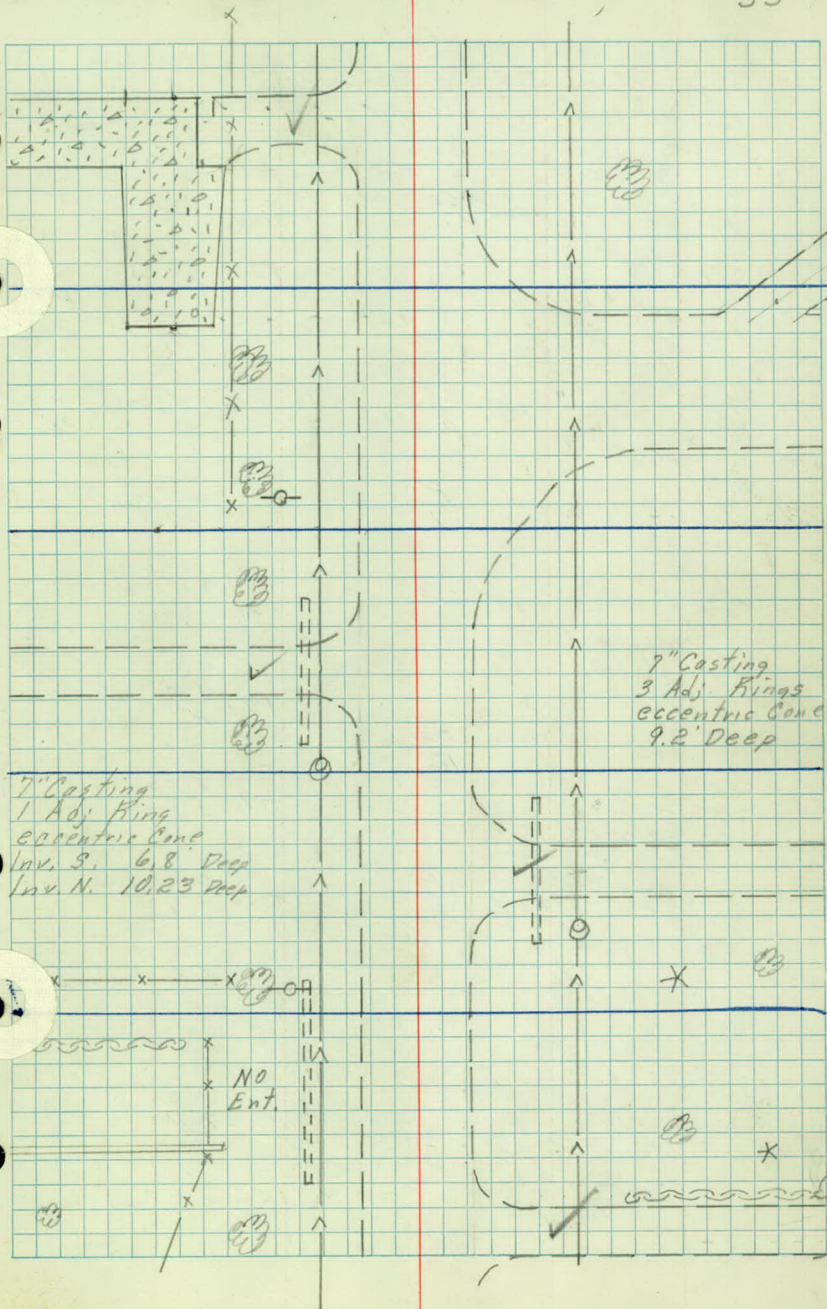
+05  $\frac{B. Fe}{38}$ Road  
12+00  $\frac{P.O.R.}{22}$ +80  $\frac{BR}{12}$ +86  $\frac{2"P}{74}$ +87  $\frac{6"E}{m}$  43+72  $\frac{3"P}{61}$ +87  $\frac{18"O}{33}$ +71  $\frac{E}{Ent}$  C. Rock+18  $\frac{MH}{33}$ +57  $\frac{26"O}{35}$ +39  $\frac{SW. Cor. Ho.}{93}$ +56  $\frac{S.E. 15" \times 30"CM}{23}$ +52  $\frac{MH}{20}$ +44  $\frac{6" Birch}{41}$ +43  $\frac{3"P}{58}$ +31  $\frac{SE Cor. Ho.}{115}$ +29  $\frac{E}{Ent}$  C. Rock+06  $\frac{30"O}{33}$ +07  $\frac{Fe}{39}$ +14  $\frac{S.E. 15" \times 30"CM}{25}$ +10  $\frac{6" Maple}{73}$ +05  $\frac{PP}{27}$ Road  
12 11+07  $\frac{2"P}{54}$ 

131 Lilac Hedge

+70  $\frac{Fe}{44}$ +94  $\frac{E. Fe}{44}$ +78  $\frac{SW. Cor. Ho.}{93}$ +76  $\frac{3" Maple}{55}$ +65  $\frac{SE. 15" \times 42"CM}{23}$ +72  $\frac{Wall}{42}$ +71  $\frac{2"P}{73}$ +62  $\frac{Fe}{48}$ +62  $\frac{Hedge}{43-883}$ +70  $\frac{End Hedge}{87}$ +55  $\frac{16"O}{35}$ +58  $\frac{2" Maple}{72}$ +55  $\frac{E}{Ent}$  C. Rock

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33



7" Casting  
1 Adj. Ring  
eccentric Cone  
Inv. S. 6.8 Deep  
Inv. N. 10.23 Deep

7" Casting  
3 Adj. Rings  
eccentric Cone  
9.2' Deep

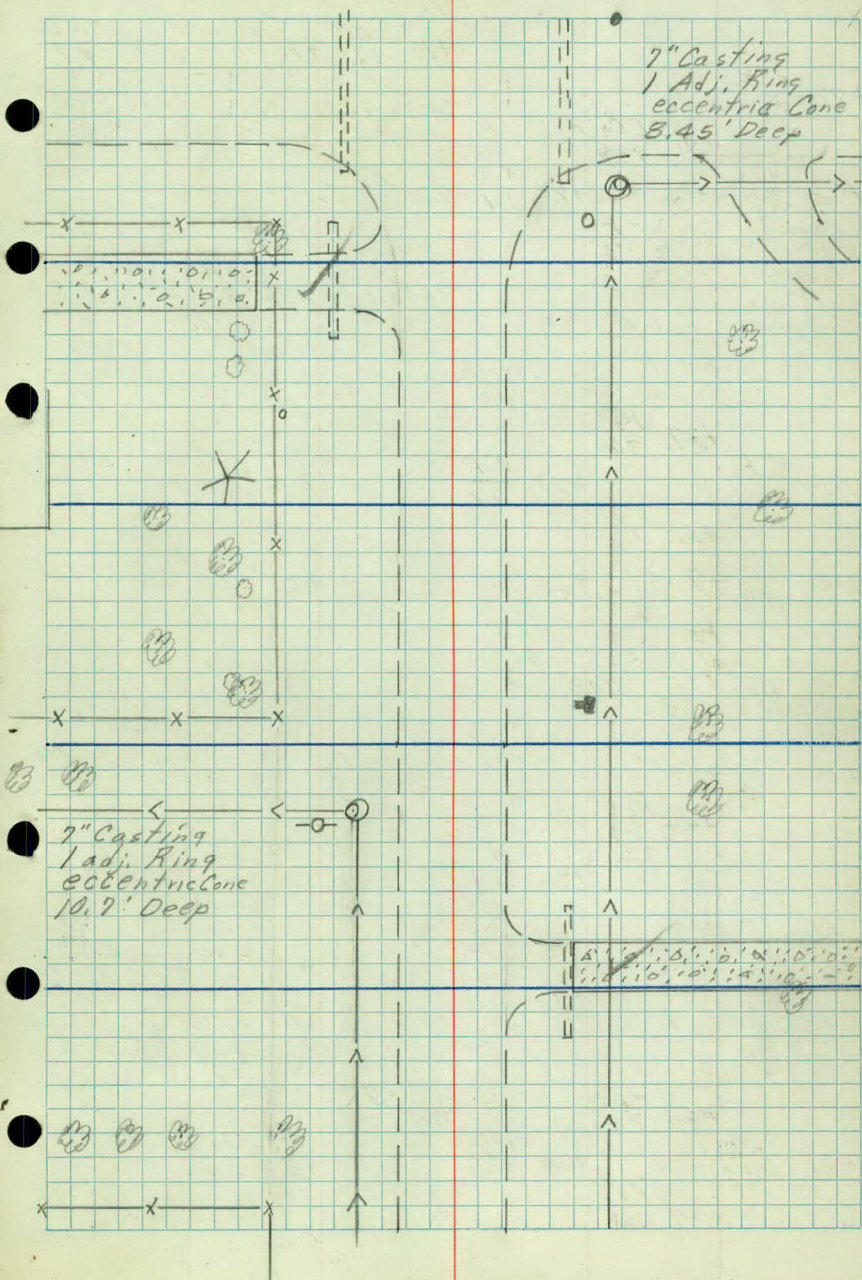
NO  
Ent.

↓ FOR 21  
 +18 21  
 ↓ Fe Cor 37  
 +08 37  
 135  
 ↓ BR 12  
 +94 12  
 ↓ Bush 46  
 +78 46  
 +69 WSO 36  
 ↓ 3" Maple 62  
 +47 62  
 ↓ Spirea 43  
 +33 43  
 ↓ 6" Apple 43  
 +11 43  
 134  
 ↓ Row 6" Elm -90 -78  
 +93 -90 -78  
 ↓ PP 28  
 +84 28  
 ↓ MH 21  
 +87 21  
 133  
 ↓ Fe Cor. 38  
 +05 38  
 ↓ ER 39  
 +24 39  
 ↓ ACE 51  
 +04 51  
 ↓ 6" Elm 39  
 +04 39  
 ↓ 12" Conc. Ent. 41  
 +96 41  
 ↓ SE 12" x 24" CM 25  
 +84 25  
 ↓ Spirea 44  
 +86 44  
 ↓ 9" P 47  
 +56 47  
 ↓ SE Cor. Ho 84  
 +45 84  
 ↓ 6" Elm 47  
 +39 47  
 ↓ 6" Mt. Ash 62  
 +20 62  
 ↓ Bush 46  
 +13 46  
 ↓ Road 12 11  
 +12 11  
 ↓ Ent 52-77  
 +22 52-77  
 ↓ Ent 61-77  
 +08 61-77  
 ↓ POK 21  
 +17 21  
 ↓ BR 11  
 +91 11  
 ↓ 6" Basswood 60  
 +83 60  
 ↓ 6" Maple 67  
 +49 67  
 ↓ S.W. Cor. Ho. 94  
 +36 94  
 ↓ Hyd 27  
 +09 27  
 ↓ 8" Elm 53  
 +79 53  
 ↓ S.W. Cor. Ho. 93  
 +70 93  
 ↓ E 10" Conc. Ent 25  
 +54 25  
 ↓ 6" Elm 72  
 +48 72  
 ↓ S.E. 12" x 27" CM 24  
 +40 24  
 ↓ W. Cor. Ho. 93  
 +24 93  
 ↓ W.G.V. 34  
 +50 34  
 ↓ ER 37  
 +22 37  
 ↓ MH 35  
 +16 35  
 ↓ SE 15" CM 23  
 +16 23



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34



138

Road  
11 11

+87 14" BE  
35

+81 SE Cor Ho  
103

+72 Hyd  
27

+63 PP  
27

+78 2" Tree  
64

+60 Fe  
36 →

+65 S.E. 12" X 30 CM  
23

+54 2" P  
38

+49 3" P  
48

+46 12" Elm  
78

+90 SW Cor Ho  
73

+37 WSO  
36

Road  
10 12

137

+05 8" S. Maple  
54

+90 E Ent  
C. Rock

+31 MH  
14

+82 S.E. Cor. Ho  
108

+76 SE 12" X 30 CM  
24

+62 WSO  
37

+56 TP  
28

+83 MH  
20

+73 10" CE  
53

+45 E 9" Conc Ent  
44

+61 Hedge  
42-80

+51 Trip 8 W. Willow  
45

+32 S.E. 15" X 26 CM  
25

+16 4" P  
36

+24 4" Maple  
53

+31 8" Elm  
49

+33 E. Hedge  
43

+02 Cor Bit  
54

136

+17 7" 4" Willow  
71

Road  
11 11

+96 8" Elm  
64

+85 SE Cor Ho  
106

+80 ER  
12

+97 4" P  
37

+93 SE 12" X 31 CM  
23

+81 ER  
73

+80 6" Elm  
42

+73 Co. Hedge  
43

+70 6" Birch  
47

+92 Spirea  
87

+66 PP  
28

+65 TP  
28

+67 GBV  
13

+62 POR  
24

+66 NE Culv  
22

+66 NE Culv  
23

+54 BR  
44

+55 BR  
37

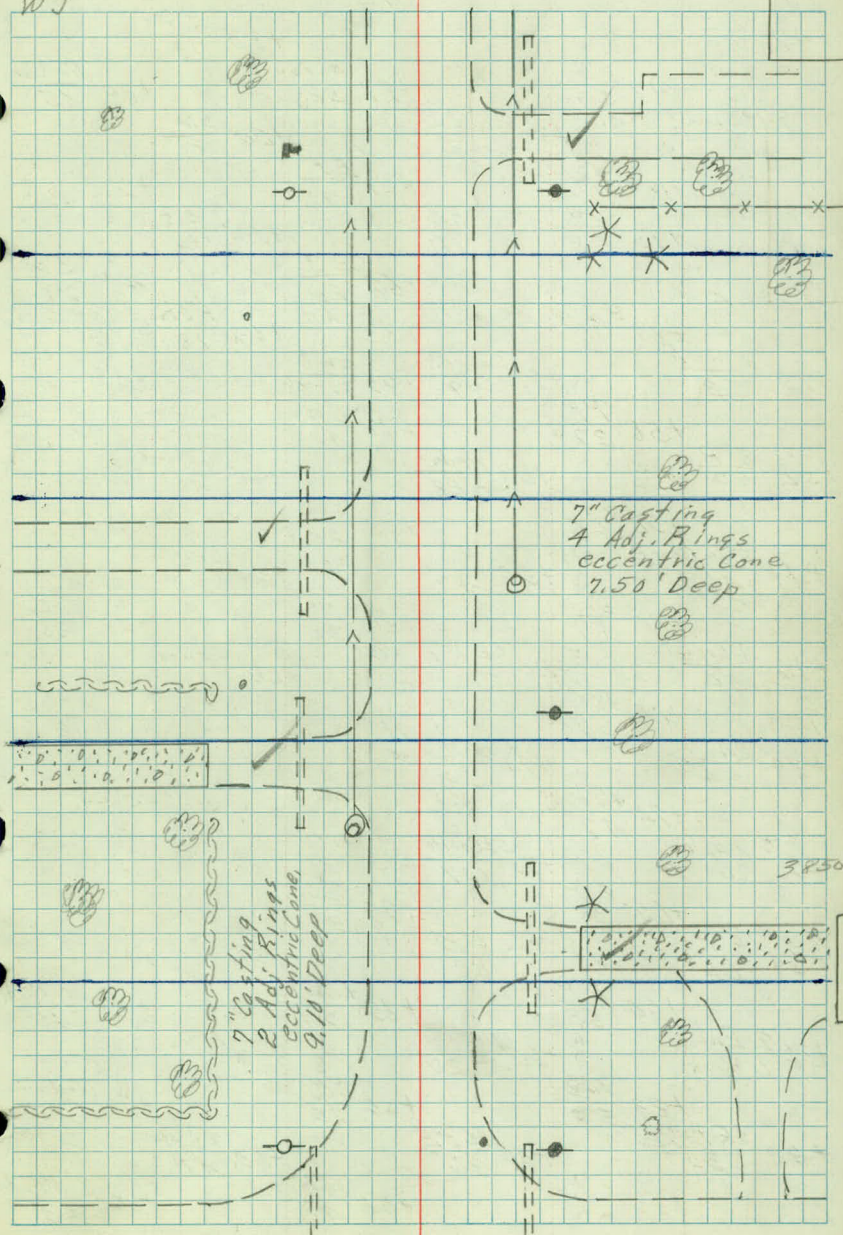
+60 POR  
22

+55 Ent  
67-77

FK  
WM  
LPD  
WJ

Sept. 19, 1967  
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35



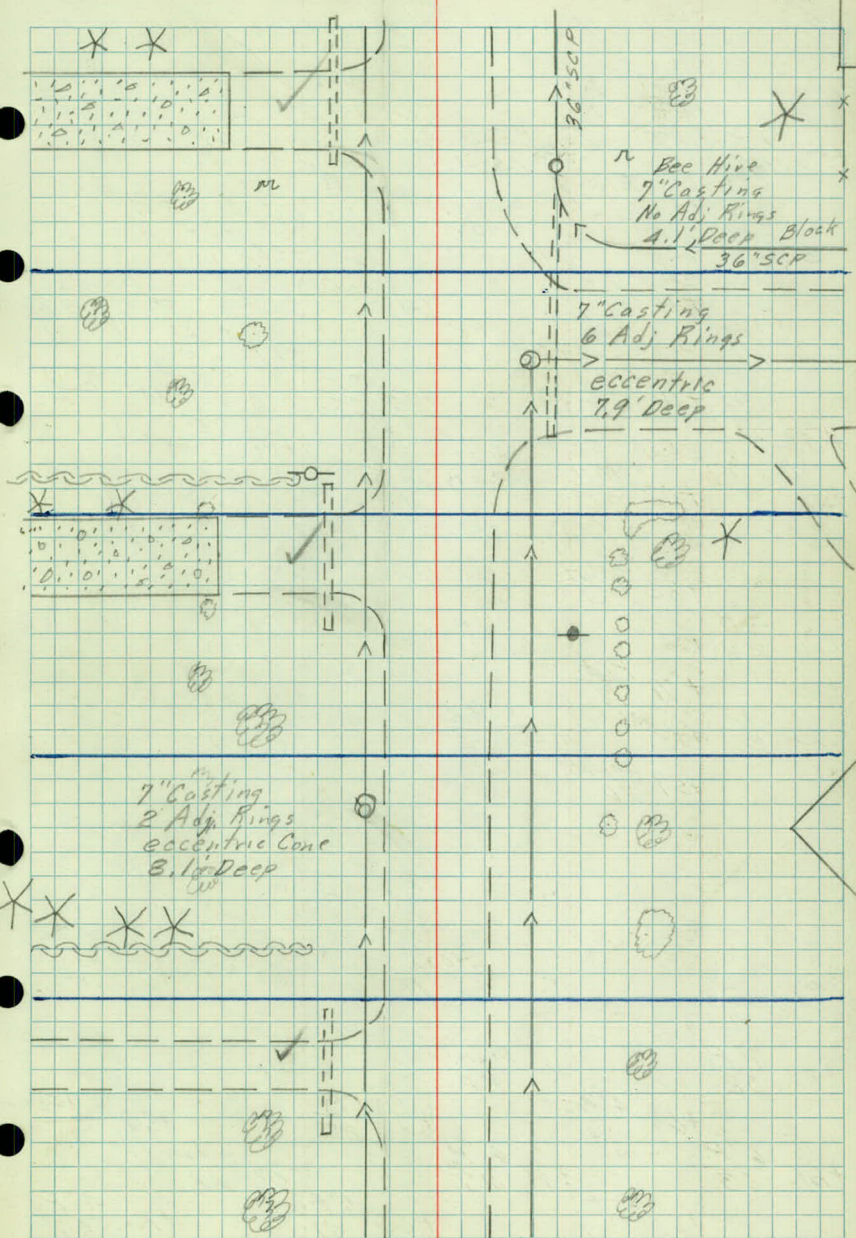
3850



|                        |  |                    |  |               |  |
|------------------------|--|--------------------|--|---------------|--|
| /                      |  | +42 SW Cor Ho      |  | 84            |  |
| +47 3"P                |  | /                  |  | +33 5"P       |  |
| 72                     |  | /                  |  | 73            |  |
| +47 3"P                |  | /                  |  | +37 4" Ash    |  |
| 59                     |  | /                  |  | 52            |  |
| SE. 185' span X 30' CM |  | +33 16" Conc Ent   |  | +20 Fe Cor    |  |
| +19 22                 |  | +33 43             |  | +24 39        |  |
| / Tw. Stump            |  | / ER               |  | / SP          |  |
| +18 36                 |  | / 12               |  | / 22 25       |  |
| / 2" Locust            |  | Road               |  | / POR         |  |
| +15 53                 |  | / 11               |  | +103 79       |  |
| 140                    |  | /                  |  | SE. Oak       |  |
| +91 8" Birch           |  | /                  |  | +66 24        |  |
| 72                     |  | /                  |  | +67 31        |  |
| / B. 6 Juniper         |  | / MH               |  | +67 63-81     |  |
| +87 38                 |  | / 18               |  | +64 18        |  |
| / 3" Maple             |  | / Ent              |  | +96 29        |  |
| +75 53                 |  | +72 99             |  | +53 86-88     |  |
| / PP                   |  | / 11               |  | +45 40        |  |
| +58 27                 |  | /                  |  | +50 41-50     |  |
| +52 8"P                |  | +57 Hedge          |  | +46 3"P       |  |
| 82                     |  | +57 28             |  | +42 48        |  |
| / 6"P                  |  | / Bush             |  | / Spirea      |  |
| +52 66                 |  | / 35 38            |  | +41 38        |  |
| / E 16" Conc Ent       |  | / Bush             |  | / Spirea      |  |
| +41 46                 |  | +50 47             |  | +27 38        |  |
| / Bush                 |  | / Bush             |  | / TP          |  |
| +30 47                 |  | +22 38             |  | +25 28        |  |
| / 4" Locust            |  | / SE. 15' X 30' CM |  | / Spirea      |  |
| +16 50                 |  | +26 23             |  | +13 38        |  |
| / 18" Oak              |  | Road               |  | / Bush        |  |
| +139 24" O             |  | / 11 11            |  | +106 38       |  |
| +88 34                 |  | / 1" R. Maple      |  | /             |  |
| / 4" Locust            |  | +94 150            |  | /             |  |
| +74 49                 |  | +88 15             |  | /             |  |
| / 6" Apple             |  | / SE Cor Ho        |  | /             |  |
| +66 90                 |  | +74 107            |  | /             |  |
| / 6"P                  |  | / Spirea           |  | / Spirea      |  |
| +64 65                 |  | +69 89             |  | +99 38        |  |
| / 5"P                  |  | / 6"P              |  | +86 36        |  |
| +64 55                 |  | +67 80             |  | / 10" R. Oak  |  |
| / Ent                  |  | / W. Cor Ho        |  | +84 45        |  |
| +36 G Rock             |  | +85 74             |  | / Lilac       |  |
| / 16" BE               |  | / Hedge            |  | +78 36        |  |
| +23 36                 |  | +60 27             |  | / Tw 4" Birch |  |
| / SE 12" X 66 CM       |  | / 8" Apple         |  | +70 59        |  |
| +22 23                 |  | +66 75             |  | / Lilac       |  |
| / 16" BE               |  | / 10" Maple        |  | +63 47        |  |
| +22 23                 |  | +107 42            |  | / 8" Maple    |  |
| 138                    |  | /                  |  | +36 43        |  |

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36

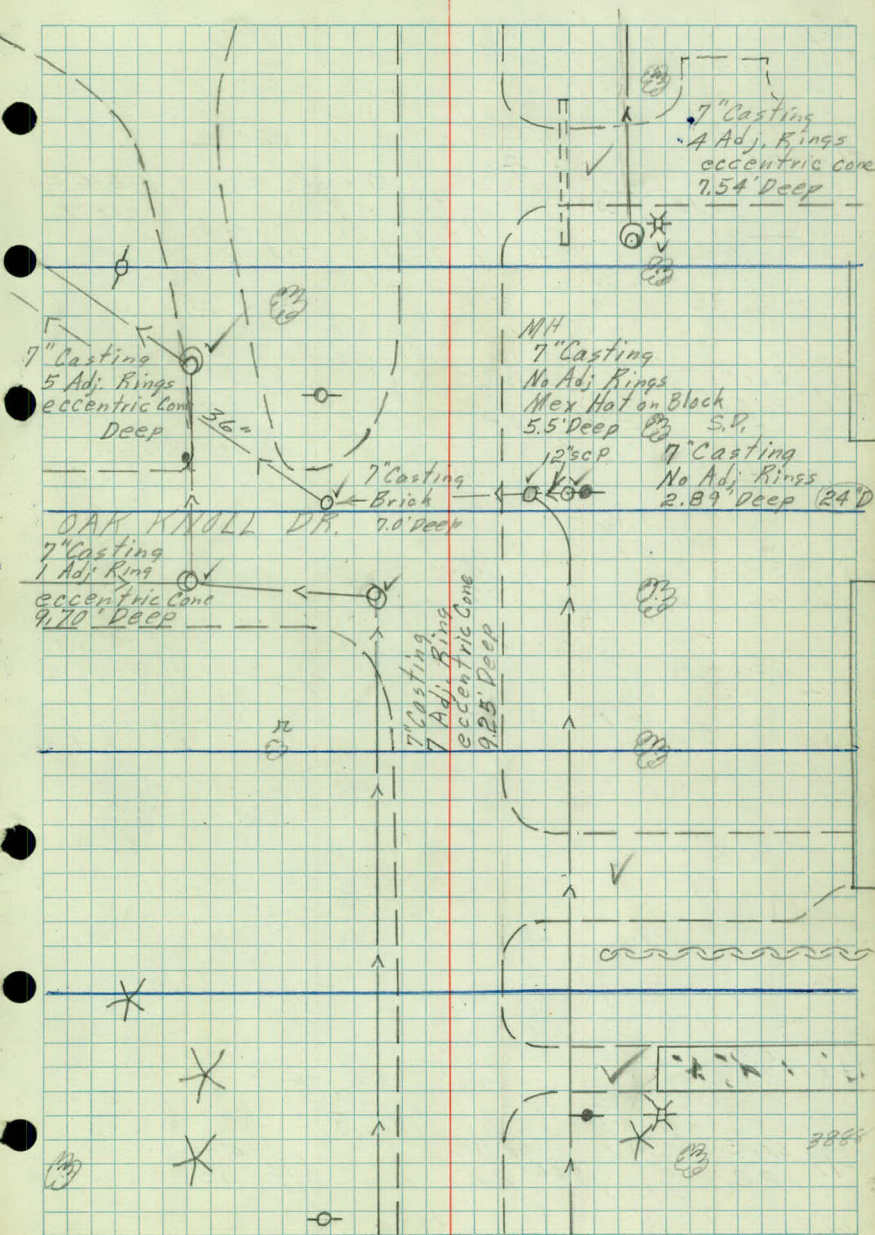


[illegible]



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37

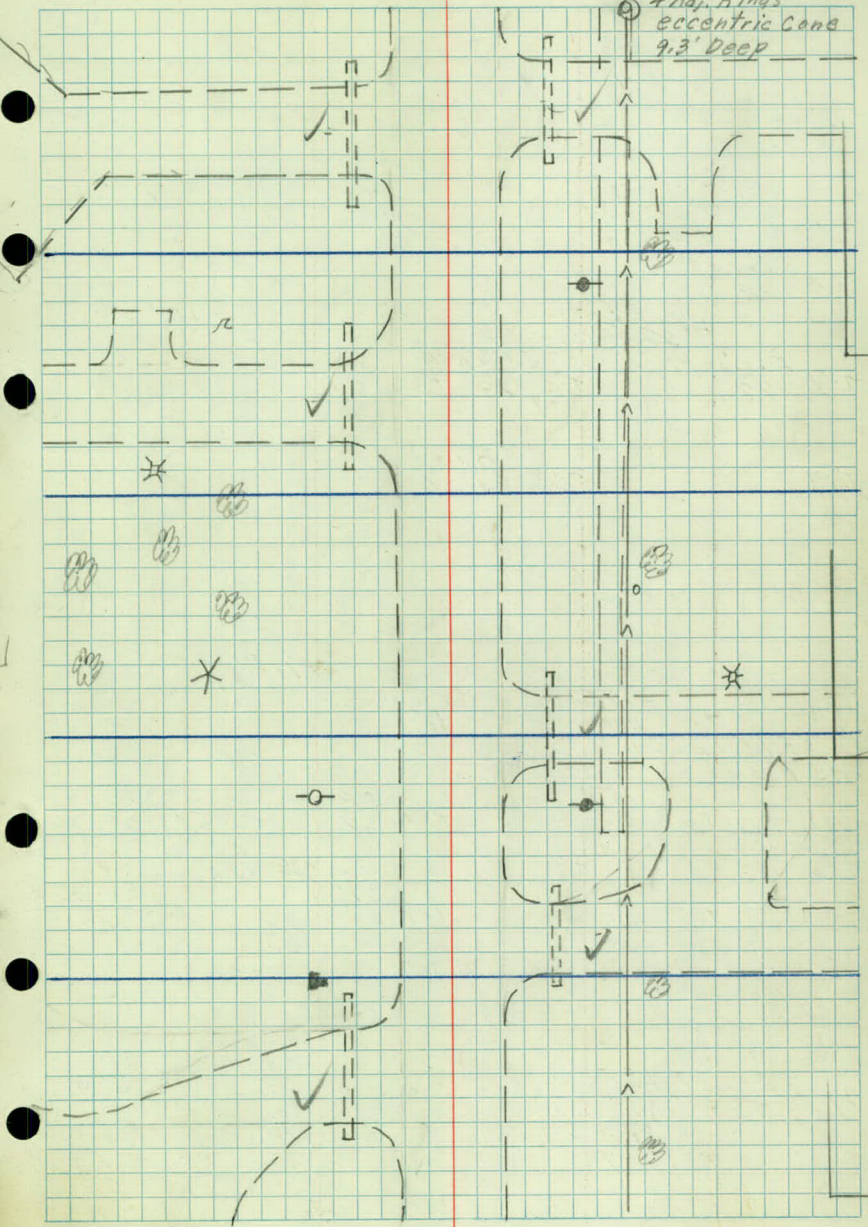


|                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|
| ✓<br>E. Cor. Ho<br>+23 104 ✓      | ✓<br>Cor. Bit<br>+33 80           | ✓<br>MH<br>+50 37                 |
| ✓<br>Con. Bit<br>+16 72           | ✓<br>S.E. 12" X 30" CM<br>+109 20 | ✓<br>S.E. 12" X 26" CM<br>+118 21 |
| ✓<br>Cor. Bit<br>+11 103          | ✓<br>S.E. 12" X 30" CM<br>+55 21  | ✓<br>S.W. Cor. Ho<br>+78 83       |
| ✓<br>Cor. Bit<br>+94 90           | ✓<br>Road<br>12 11                | ✓<br>Parking<br>+103 43-55        |
| ✓<br>Parking<br>+88 58-70         | ✓<br>TP<br>+93 28                 | ✓<br>3" Maple<br>+99 43           |
| ✓<br>S.E. 12" X 30" CM<br>+55 21  | ✓<br>Yard Light<br>+55 62         | ✓<br>4" Ash<br>+48 45             |
| ✓<br>4" Maple<br>+39 59           | ✓<br>8" Maple<br>+34 77           | ✓<br>3" Birch<br>+27 46           |
| ✓<br>Trip 4" Birch<br>+14 73      | ✓<br>WSO<br>+30 39                | ✓<br>3" Ash<br>+36 43             |
| ✓<br>S.E. Cor. Ho<br>+14 93       | ✓<br>Road<br>11 11                | ✓<br>Yard Light<br>+12 58         |
| ✓<br>5" P<br>+13 51               | ✓<br>Road<br>11 11                | ✓<br>S.E. 12" X 26" CM<br>+87 21  |
| ✓<br>Hyd<br>+49 28                | ✓<br>Cor. Bit<br>+68 30-67        | ✓<br>B.B. + Walk<br>+80 32-36     |
| ✓<br>Eq. Ent<br>+39 23            | ✓<br>4" Ash<br>+47 43             | ✓<br>S.E. 12" X 20" CM<br>+48 22  |
| ✓<br>S.E. 15" X 30" CM<br>+17 22  | ✓<br>Eq. Ent<br>+21 24            | ✓<br>4" Ash<br>+13 42             |
| ✓<br>Bit Ent<br>+10 10            | ✓<br>S.W. Cor. Ho<br>+104 78      | ✓<br>S.W. Cor. Ho<br>+94 80       |
| ✓<br>Bit<br>+24 81                | ✓<br>Bit<br>+94 40-69             | ✓<br>TP<br>+86 28                 |
| ✓<br>S.E. 12" X 30" CM<br>+109 20 | ✓<br>S.E. 12" X 26" CM<br>+87 21  | ✓<br>S.E. 12" X 26" CM<br>+87 21  |
| ✓<br>Cor. Bit<br>+11 103          | ✓<br>S.E. 12" X 30" CM<br>+55 21  | ✓<br>S.W. Cor. Ho<br>+78 83       |
| ✓<br>Cor. Bit<br>+94 90           | ✓<br>Road<br>12 11                | ✓<br>Parking<br>+103 43-55        |
| ✓<br>Parking<br>+88 58-70         | ✓<br>TP<br>+93 28                 | ✓<br>3" Maple<br>+99 43           |
| ✓<br>S.E. 12" X 30" CM<br>+55 21  | ✓<br>Yard Light<br>+55 62         | ✓<br>4" Ash<br>+48 45             |
| ✓<br>4" Maple<br>+39 59           | ✓<br>8" Maple<br>+34 77           | ✓<br>3" Birch<br>+27 46           |
| ✓<br>Trip 4" Birch<br>+14 73      | ✓<br>WSO<br>+30 39                | ✓<br>3" Ash<br>+36 43             |
| ✓<br>S.E. Cor. Ho<br>+14 93       | ✓<br>Road<br>11 11                | ✓<br>Yard Light<br>+12 58         |
| ✓<br>5" P<br>+13 51               | ✓<br>Road<br>11 11                | ✓<br>S.E. 12" X 26" CM<br>+87 21  |
| ✓<br>Hyd<br>+49 28                | ✓<br>Cor. Bit<br>+68 30-67        | ✓<br>B.B. + Walk<br>+80 32-36     |
| ✓<br>Eq. Ent<br>+39 23            | ✓<br>4" Ash<br>+47 43             | ✓<br>S.E. 12" X 20" CM<br>+48 22  |
| ✓<br>S.E. 15" X 30" CM<br>+17 22  | ✓<br>Eq. Ent<br>+21 24            | ✓<br>4" Ash<br>+13 42             |
| ✓<br>Bit Ent<br>+10 10            | ✓<br>S.W. Cor. Ho<br>+104 78      | ✓<br>S.W. Cor. Ho<br>+94 80       |
| ✓<br>Bit<br>+24 81                | ✓<br>Bit<br>+94 40-69             | ✓<br>TP<br>+86 28                 |
| ✓<br>S.E. 12" X 30" CM<br>+109 20 | ✓<br>S.E. 12" X 26" CM<br>+87 21  | ✓<br>S.E. 12" X 26" CM<br>+87 21  |
| ✓<br>Cor. Bit<br>+11 103          | ✓<br>S.E. 12" X 30" CM<br>+55 21  | ✓<br>S.W. Cor. Ho<br>+78 83       |
| ✓<br>Cor. Bit<br>+94 90           | ✓<br>Road<br>12 11                | ✓<br>Parking<br>+103 43-55        |
| ✓<br>Parking<br>+88 58-70         | ✓<br>TP<br>+93 28                 | ✓<br>3" Maple<br>+99 43           |
| ✓<br>S.E. 12" X 30" CM<br>+55 21  | ✓<br>Yard Light<br>+55 62         | ✓<br>4" Ash<br>+48 45             |
| ✓<br>4" Maple<br>+39 59           | ✓<br>8" Maple<br>+34 77           | ✓<br>3" Birch<br>+27 46           |
| ✓<br>Trip 4" Birch<br>+14 73      | ✓<br>WSO<br>+30 39                | ✓<br>3" Ash<br>+36 43             |
| ✓<br>S.E. Cor. Ho<br>+14 93       | ✓<br>Road<br>11 11                | ✓<br>Yard Light<br>+12 58         |
| ✓<br>5" P<br>+13 51               | ✓<br>Road<br>11 11                | ✓<br>S.E. 12" X 26" CM<br>+87 21  |
| ✓<br>Hyd<br>+49 28                | ✓<br>Cor. Bit<br>+68 30-67        | ✓<br>B.B. + Walk<br>+80 32-36     |
| ✓<br>Eq. Ent<br>+39 23            | ✓<br>4" Ash<br>+47 43             | ✓<br>S.E. 12" X 20" CM<br>+48 22  |
| ✓<br>S.E. 15" X 30" CM<br>+17 22  | ✓<br>Eq. Ent<br>+21 24            | ✓<br>4" Ash<br>+13 42             |
| ✓<br>Bit Ent<br>+10 10            | ✓<br>S.W. Cor. Ho<br>+104 78      | ✓<br>S.W. Cor. Ho<br>+94 80       |
| ✓<br>Bit<br>+24 81                | ✓<br>Bit<br>+94 40-69             | ✓<br>TP<br>+86 28                 |
| ✓<br>S.E. 12" X 30" CM<br>+109 20 | ✓<br>S.E. 12" X 26" CM<br>+87 21  | ✓<br>S.E. 12" X 26" CM<br>+87 21  |

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7" casting 38

4 Adj. Rings  
eccentric Cone  
9.3' Deep





148 Ent 100-76 Road 11 11

16"0  
+79 33  
16" Ent  
+64 62  
144 23  
E. Cor. Ho  
+31 78

SE 15" x 30" CM  
+32 23  
SW Cor. Ho  
+34 79

4" R.L. Maple  
+68 43

6" Maple  
+25 43

147 Road 11 10

4" P  
+05 71

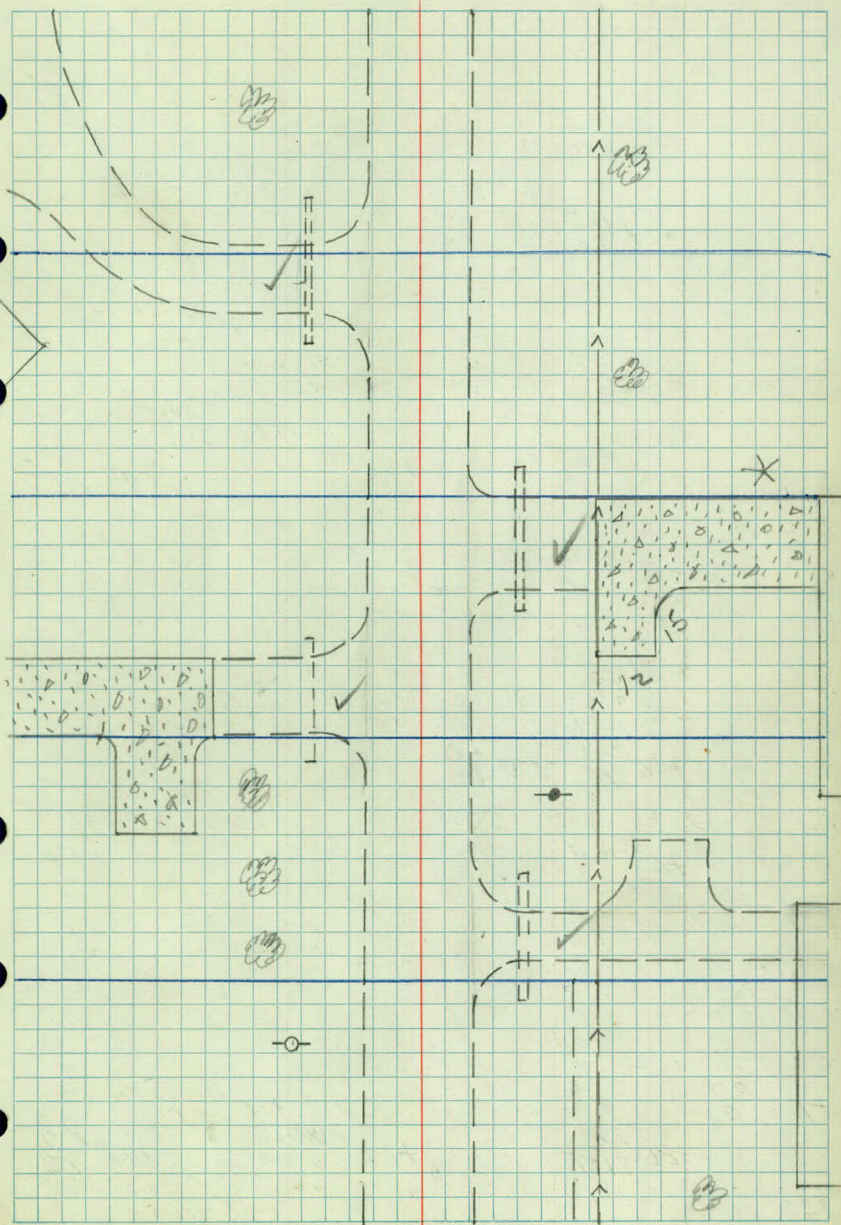
191 19" Conc Ent 37  
SE 12" x 30" CM  
+77 21  
16" Conc Ent  
+58 43  
Cor Conc  
+50 67-43  
E.C.R.  
+81 54  
SE 12" x 26" CM  
+45 23  
14"0  
+39 35  
TP  
+39 28  
Cor. Conc.  
+67 37-49  
20"0  
+21 33  
Conc  
+30 47-63  
SW Cor. Ho  
+38 83  
14"0  
+06 32  
E 11" Ent  
+09 Bit.  
Road  
12 11  
Walk  
32-37  
Cor Parking  
+28 44-60

146

SE. Cor. Ho.  
+96 94  
PP  
+87 27  
SE. 12" x 26" CM  
+96 21  
SW Cor. Ho  
+57 28  
2" R.L. Maple  
+64 44  
3" Birch  
+55 59

Sept. 21, 1967

39



✓  
+50 S.E. Cor Ho  
73

✓  
+35 10" P  
69

✓  
+21 PP  
58  
✓  
+101 E. Lilac  
34  
✓  
Road  
11 11

✓  
+18 Corner Pine Grove  
48

✓  
+17 Lilac  
43

✓  
+97 E. Ent  
C. Rock

✓  
+91 PP  
28

✓  
+86 30" Co. H.  
54

✓  
+58 B. Lilac  
35

✓  
+82 TP  
28

✓  
+86 S.E. 18" X 33" CM  
22

+41 E. 16" Ent  
Bit

✓  
+80 B. + Ditch  
20-26

✓  
+25 SE 12" X 33" CM  
24

✓  
+53 Rt. S. Side  
Ho

✓  
+62 6" Elm  
67

✓  
+33 P.L. Side Ent  
74

✓  
+38 SW Cor Ho  
73

✓  
+19 SE Cor Ho  
110

✓  
+402 8" Maple  
14

✓  
+32 3" R.L. Maple  
46

149  
+100 76-92

✓  
Road  
11

✓  
B. + Ditch  
20-26

✓  
+76 ER  
18

✓  
+90 ER  
11

✓  
+70 Ent  
73-95

✓  
+70 BR  
33

✓  
+95 ER  
11

✓  
+63 MH  
21

✓  
+71 BR  
37

✓  
+77 POR  
20

✓  
+39 Ent  
81-97

✓  
+45 WGV  
43

✓  
+55 MH  
36

✓  
+39 ER  
34

✓  
+40 ER  
37

✓  
+40 Ent  
45-67

✓  
+35 POR  
22

✓  
+36 Hyd  
48

✓  
+30 SE Apron  
23" Spn X 52" CM

✓  
+32 8" BE  
43

✓  
+23 TP  
28

✓  
+32 POR  
19

✓  
+17 BR  
12

✓  
+24 PP  
27

✓  
+17 Ent  
50-66

✓  
+20 Ent  
81-97

✓  
+09 8" Maple  
43

✓  
+16 BR  
12

148

✓  
+17 20" 0  
30

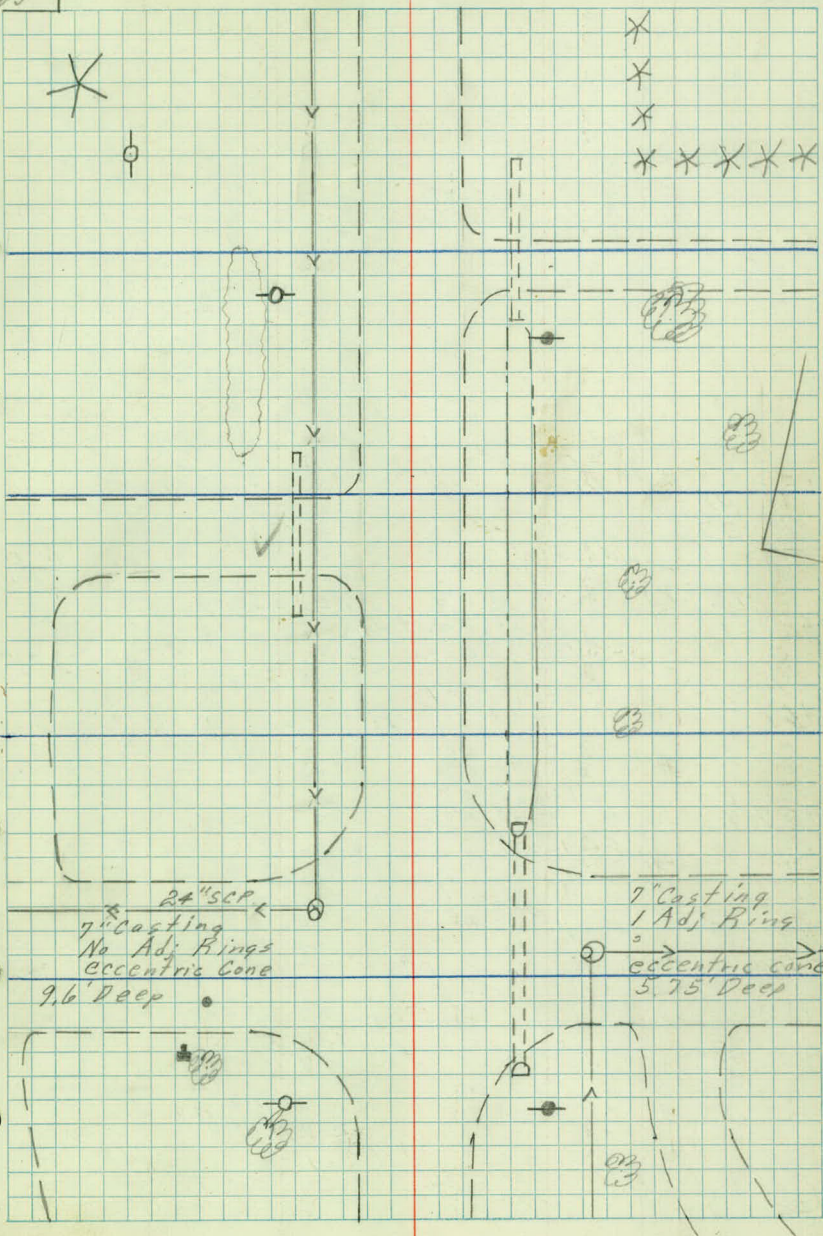
✓  
Ent + C. Rock  
57-76



FX  
WM  
LPD  
WJ

Sept. 21, 1967

40



152 / +00  $\frac{ER}{11}$  Road 10 +09  $\frac{TP}{27}$  +13  $\frac{EGRP}{17}$

+99  $\frac{PP}{27}$  / +87  $\frac{NE 15' CM}{20}$  / +75  $\frac{MH}{20}$

+52  $\frac{NE Cor 16' 2' Ent}{81}$  / +83  $\frac{BR}{24}$  / +66  $\frac{EE 36' 3' CP}{25}$

+67  $\frac{MH}{20}$  / +74  $\frac{GV}{44}$  / +66  $\frac{MH}{20}$

+52  $\frac{ER}{22}$  / +69  $\frac{MH}{35}$  / +45  $\frac{PP}{51}$

+37  $\frac{BR}{11}$  / +41  $\frac{2" Ash}{58}$

+31  $\frac{SE 12' CM}{20}$

+18  $\frac{2" P}{45}$

151 +03  $\frac{2" Maple}{62}$  Road 12 10

+99 End Pine grove 74

+73  $\frac{B.GRP}{17}$

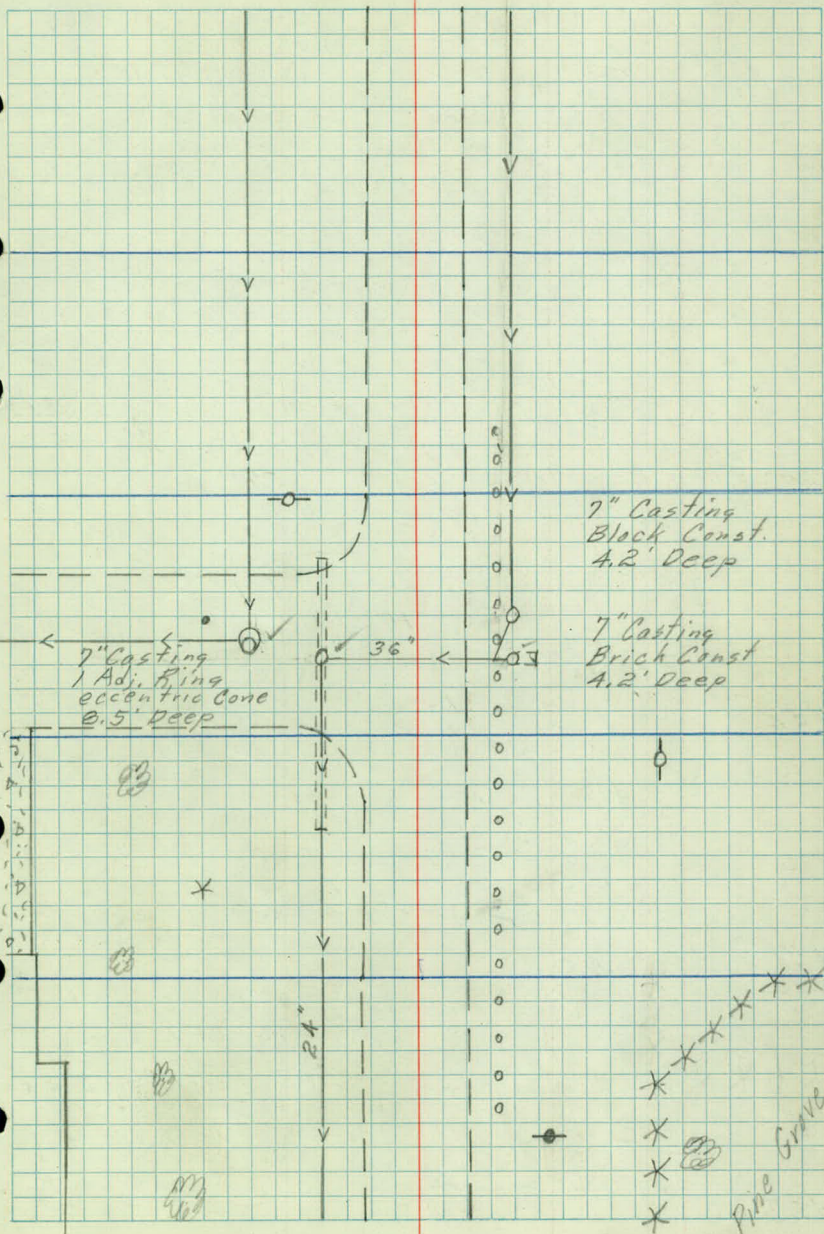
+77 Corner Pine Grove 49

+71  $\frac{S.W. Cor. Ho.}{130}$  +58  $\frac{20" Maple}{58}$

+53 Quad 6" Apple 49 +79  $\frac{2" Elm}{53}$  +67  $\frac{TP}{29}$

Sept. 21, 1967

41





↓ 12" Buckeye ↓ SE Cor Ho ↓ E Hedoc  
 +26 55 +31 94 +35 34  
 ↓ 8"P ↓ MH ↓ 10"P  
 +19 40 +23 25 +19 45  
 +13 PP +14 Cor Hedre  
 ↓ E Ent ↓ Cor Sign  
 +03 C. Rock +31 46 +35 Cor Sign  
 155 Road 11 10 +26 Sign Cr 56  
 ↓ Can Parking  
 +98 43  
 ↓ SE 15" x 20" CM ↓ TP  
 +91 20 +86 27  
 ↓ Cor Parking ↓ E Ent  
 +87 57 +92 30 Oak +63 60  
 ↓ Yard Light ↓ Bush  
 +82 61 +50 38  
 ↓ MH ↓ S.E. 18" x 20" CM  
 +56 34 +76 Parking +48 22  
 ↓ SE Cor Ho ↓ 8" Elm  
 +48 83 +47 60  
 ↓ Flag Pole ↓ 8" Ash  
 +32 59 +36 30  
 ↓ 10" BE  
 +18 59  
 ↓ 8"P  
 +11 82  
 ↓ SW Cor Ho  
 +16 88  
 ↓ 2"P  
 +20 39  
 ↓ 8" Elm  
 +10 60  
 ↓ 5" Elm  
 +02 58  
 154 Road 10 10  
 ↓ E 16" Ent  
 +92 36  
 ↓ SE 18" S.R. x 20" CM ↓ Lilac  
 +180 20 +99 36  
 ↓ 12" Elm ↓ 4" CE  
 +81 40 +93 26  
 ↓ 10" Apple ↓ 6" CE  
 +71 20 +77 28  
 ↓ 24" CE ↓ MH  
 +63 43 +69 20  
 ↓ SE Cor Ho ↓ TP  
 +30 82 +48 27  
 ↓ NE 15" E.M.P  
 +30 22  
 ↓ 16" BE ↓ 18" BE  
 +20 49 +19 62  
 ↓ 16" Ash  
 +21 38  
 ↓ PP  
 +17 28  
 ↓ Road  
 153 10 10 +07 MH 23

Sept. 21, 1967

42

7" Casting  
2 Adj. Rings  
Concentric Cone  
8.3' Deep

7" Casting  
No Adj. Rings  
eccentric Cone  
7.9' Deep

7" Casting  
No Adj. Rings  
eccentric Cone  
4.6' Deep

24" SCP

7" Casting  
Block Const  
3.3' Deep

158

Bit  
49

Road  
11 11

S.E. Cor Bldg  
+85 93

20"0  
+80 33

8"P  
+61 46

20"0  
+83 28

18"0  
+66 30

Hedge  
+64 51

Cor Bit  
+79 50

SE 18" X 34" CM  
+44 22

PP  
+63 29

8"P  
+35 46

2' Walk  
+48 28

6" Elm  
+44 37

6" Elm  
+46 37

SW Cor Ho  
+27 90

10" Elm  
+42 33

24"0  
+17 32

Li'lac  
+25 43-84

E. Hedge  
+40 36

1"P  
+12 70

157

16" Oak  
+03 34

Road  
11 11

2"P  
+12 48

B. Hedge (Brush)  
+80 36

10" Apple  
+95 56

18"0  
+71 35

4"P  
+51 38

6" Apple  
+56 58

10" Apple  
+74 57

TP  
+46 25

4" Plum  
+45 58

4"P  
+44 37

PP  
+32 30

26"0  
+41 35

6" Apple  
+37 36

Hyd  
+16 23

Sign  
+16 18

Sign  
+23 41

156

Road  
10

6" E  
+08 64

12"P  
+91 46

BR  
+90 34

POR  
+97 19

Honey suckel  
+94 31

MH  
+76 21

E. Ent  
+82 31

SE 15" X 40" CM  
+58 22

ER  
+66 35

Cor Hedge  
+72 33

30"0  
+71 37

POR  
+58 19

E. Rose Br  
+61 38

PP  
+51 47

BR  
+39 12

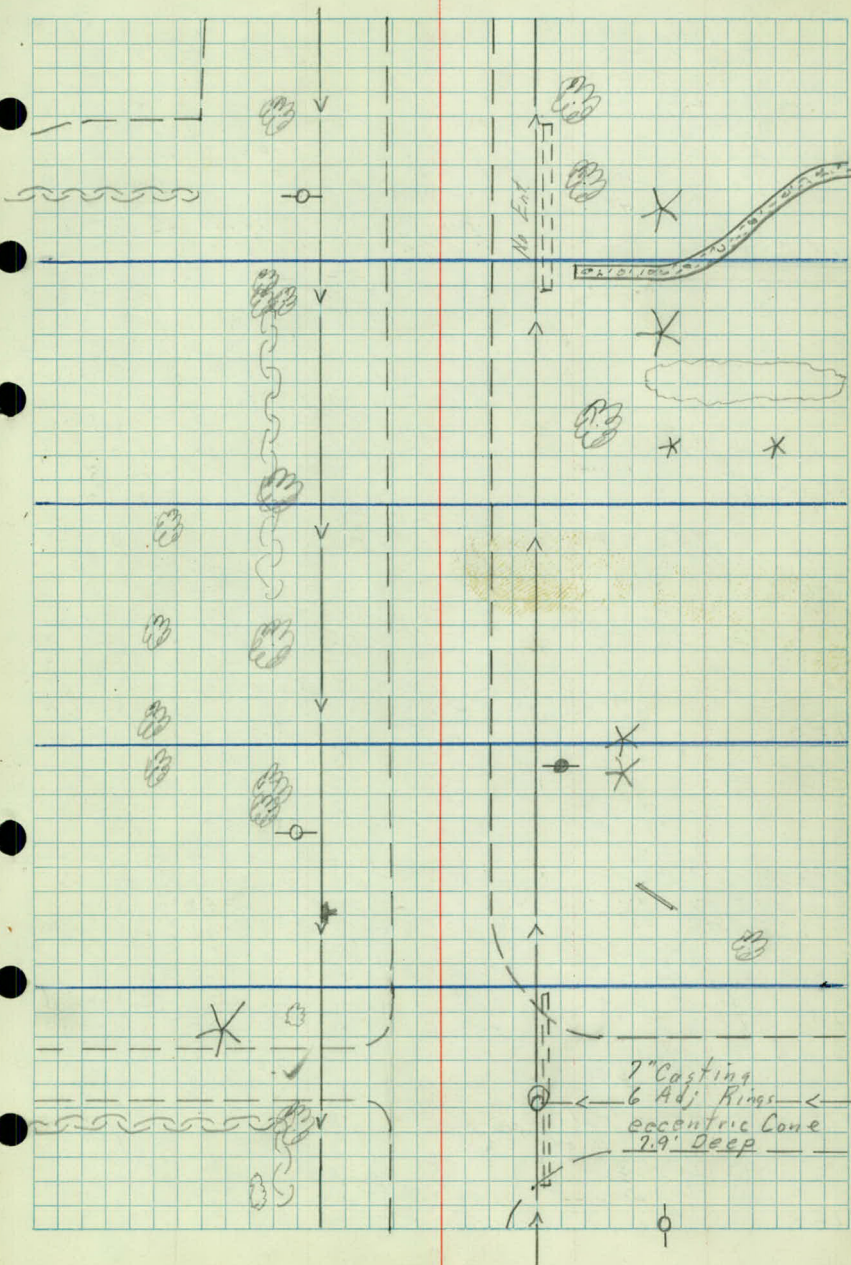
R. Brush  
+55 38

B. Hedge  
+55 33



Sept. 21, 1967

43

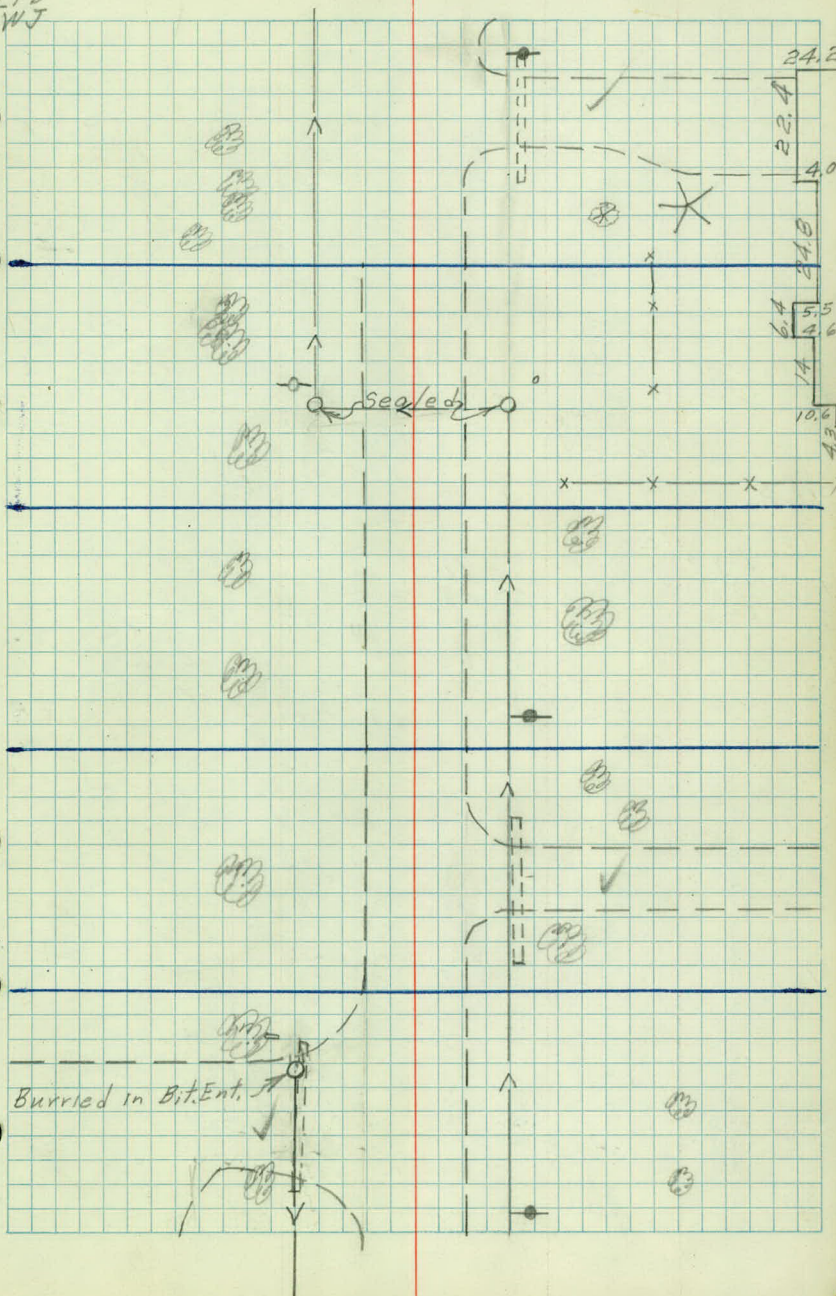


✓ 4" Bl  
 +26 38  
 ✓ 5" CE  
 +12 37  
 ✓ 4" CE  
 +05 46  
 ✓ Tw 5" CE  
 +14 36  
 ✓ 8" P  
 +12 57  
 ✓ Road N  
 11 11  
 ✓ 4 Ent 18" x 26" CM  
 +30 C. Rock 23  
 ✓ P. Bush  
 +10 39  
 ✓ E Fe  
 +02 49  
 160

✓ MH  
 +72 21  
 ✓ 4" CE  
 +86 42  
 ✓ 12" Coll.  
 +83 39  
 ✓ 16" O  
 +62 34  
 ✓ 6" Coll.  
 +37 36  
 ✓ 24" O  
 +14 36  
 ✓ Road  
 10 11  
 ✓ W 50  
 +76 26  
 ✓ MH  
 +71 20  
 ✓ B Fe  
 +74 50  
 ✓ S.W. Cor Ho  
 +71 83  
 ✓ 24" Oak  
 +44 35  
 ✓ 40" Oak  
 +26 35  
 ✓ Fe  
 +55 31 →  
 ✓ TP  
 +07 24  
 159

✓ MH  
 +33 25  
 ✓ 26" O  
 +72 36  
 ✓ Sign  
 +40 31  
 ✓ 24" O  
 +39 35  
 ✓ Cor Ent  
 +13 36 + 41  
 ✓ Tw 10" Elm  
 +10 32  
 ✓ 14" Elm  
 +85 46  
 ✓ 30" Oak  
 +59 31  
 ✓ 10" Elm  
 +93 37  
 ✓ 4 Ent  
 +73 Grave  
 ✓ S.E. 18" CM x 30"  
 +56 22  
 ✓ BR  
 +35 39  
 ✓ 8" Plum  
 +11 56  
 ✓ 7" Plum  
 +26 56  
 ✓ SE 15" x 33" CM  
 +08 25  
 ✓ TP  
 +04 24  
 158

44





163

Road.

10 11

SW Cont.

+93 88

+90 28 0  
26+98 Tw 10" Birch  
56+78 4"P  
45+93 4"P  
38+87 4"P  
39+71 24" Elm  
35+42 ER  
12+17 PP  
29+07 POR  
23+08 3"P  
44+18 ER  
11+27 Tw 7" Birch  
57+04 LGV  
34+03 TP  
23

162

+92 CB  
36+96 Hyd  
48+93 POR  
37+85 BR  
62+81 W.GV  
43+71 MH  
21+55 ER  
52+92 SD  
27+95 22" E/m  
34+91 POR  
23+88 BR  
31+42 Arc Light  
29+38 POR  
18+47 POR  
31+39 POR  
21+16 BR  
11+17 BR  
10+44 PP  
27+32 Sign  
37Road  
10 10+09 Light Post  
33

161

+94 Sign  
32+92 Edge Parking  
3465 SW Car Bldg  
81+54 X-Fe  
31+54 X-Fe  
48+51 16" CB  
50+50 18" O  
32+69 2" Ent 30 3/4" x 39" CM  
B.t 2344  
60

FK  
WM  
LPD  
WJ

Sept. 25, 1967

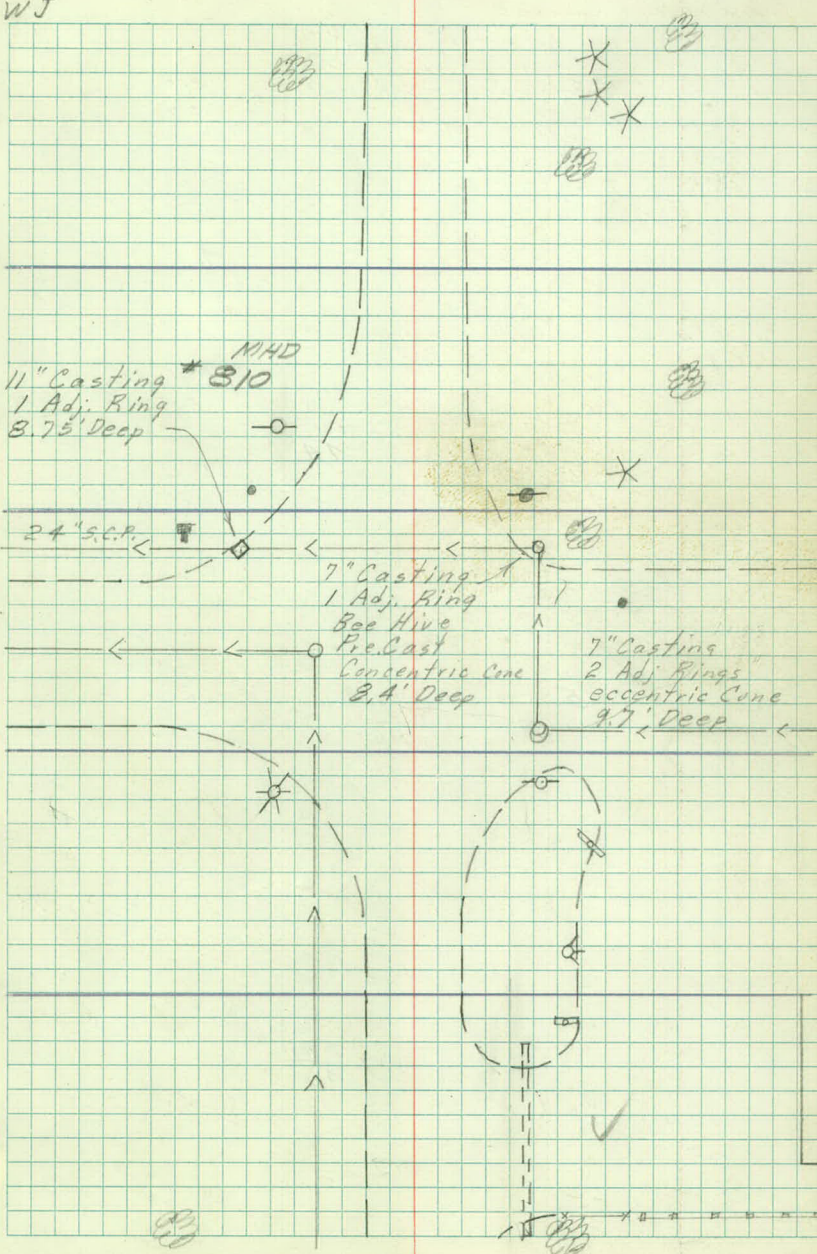
45

11" Casting \* MHD  
1 Adj. Ring 310  
3.75' Deep

24" S.C.P.

7" Casting  
1 Adj. Ring  
Bee Hive  
Pre-Cast  
Concentric Cone  
3.4' Deep

7" Castings  
2 Adj. Rings  
eccentric Cone  
9.7' Deep



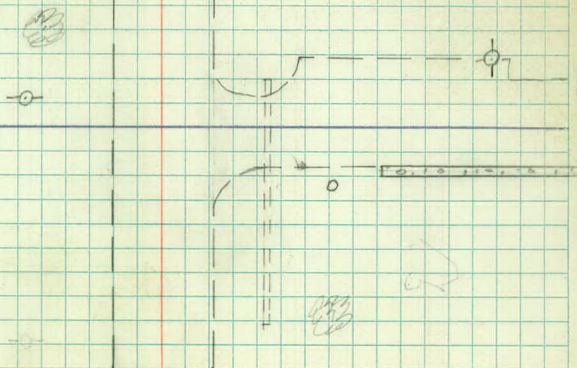


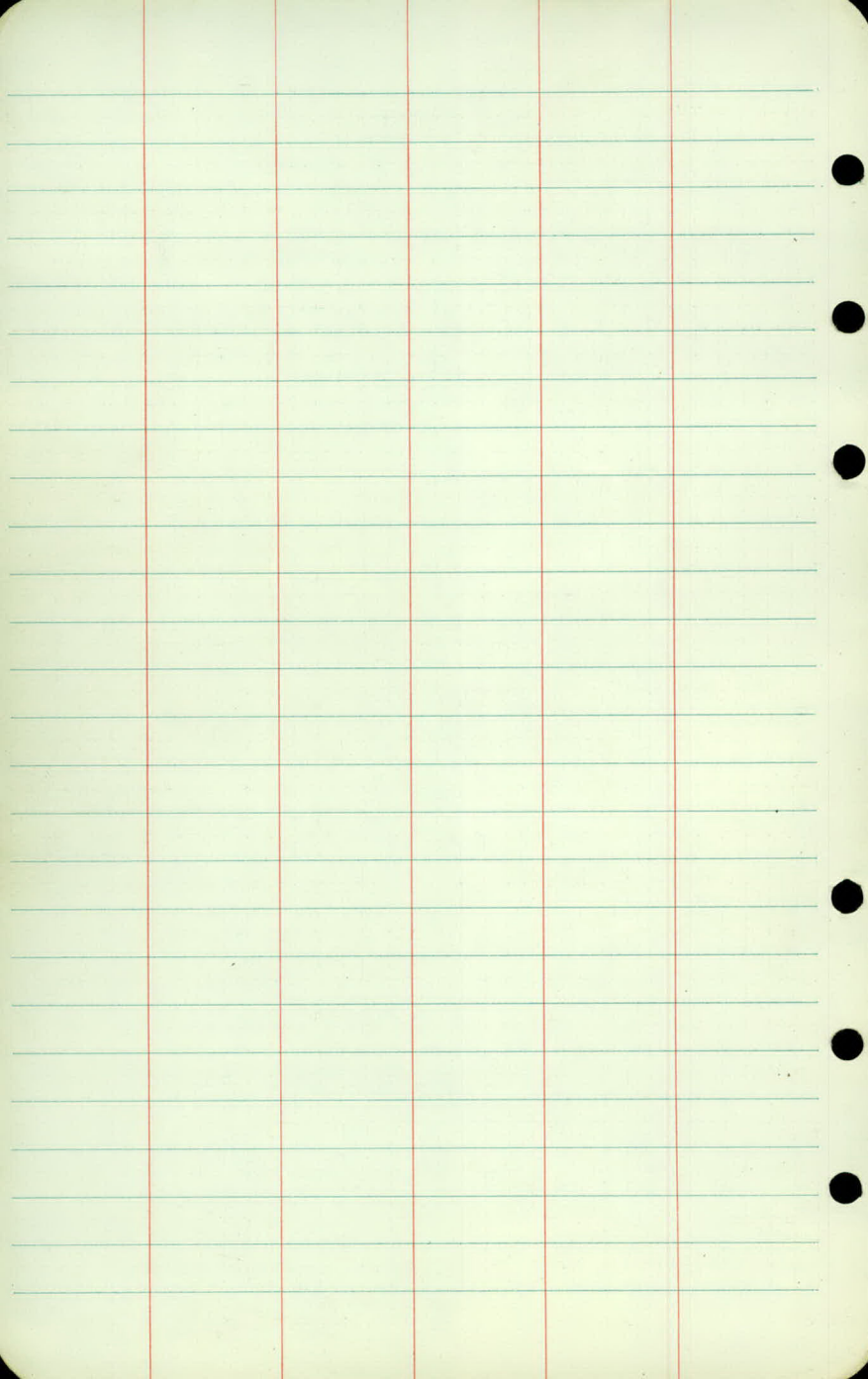


Sept. 25, 1967

46

8' Casting  
3 Ad. Rings  
73 Peeps  
eccentric lane





1.0  
2.5

132.5

47.8

15.6

School

35.4

11

10.7

29.2

16.6

65.8

1.0

20.5

42.8

11

2.5

33.9

12.0

1.0

2.5

34.3

14.4

11

2.4

133.0

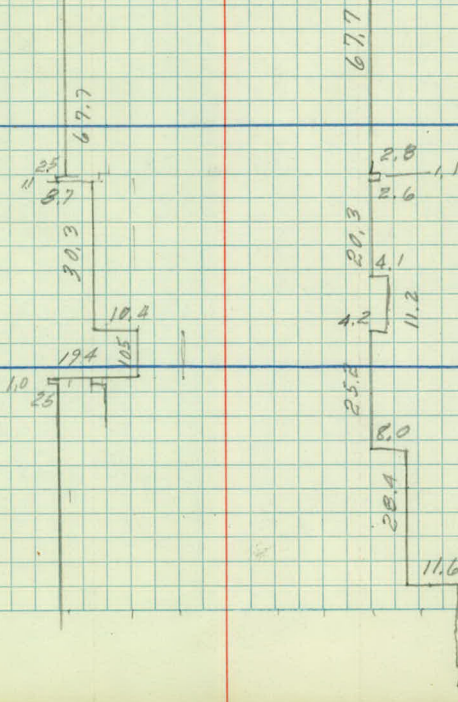
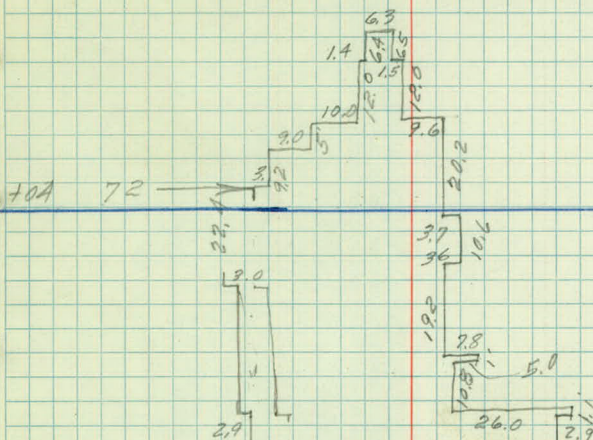
Scale 1" = 20'

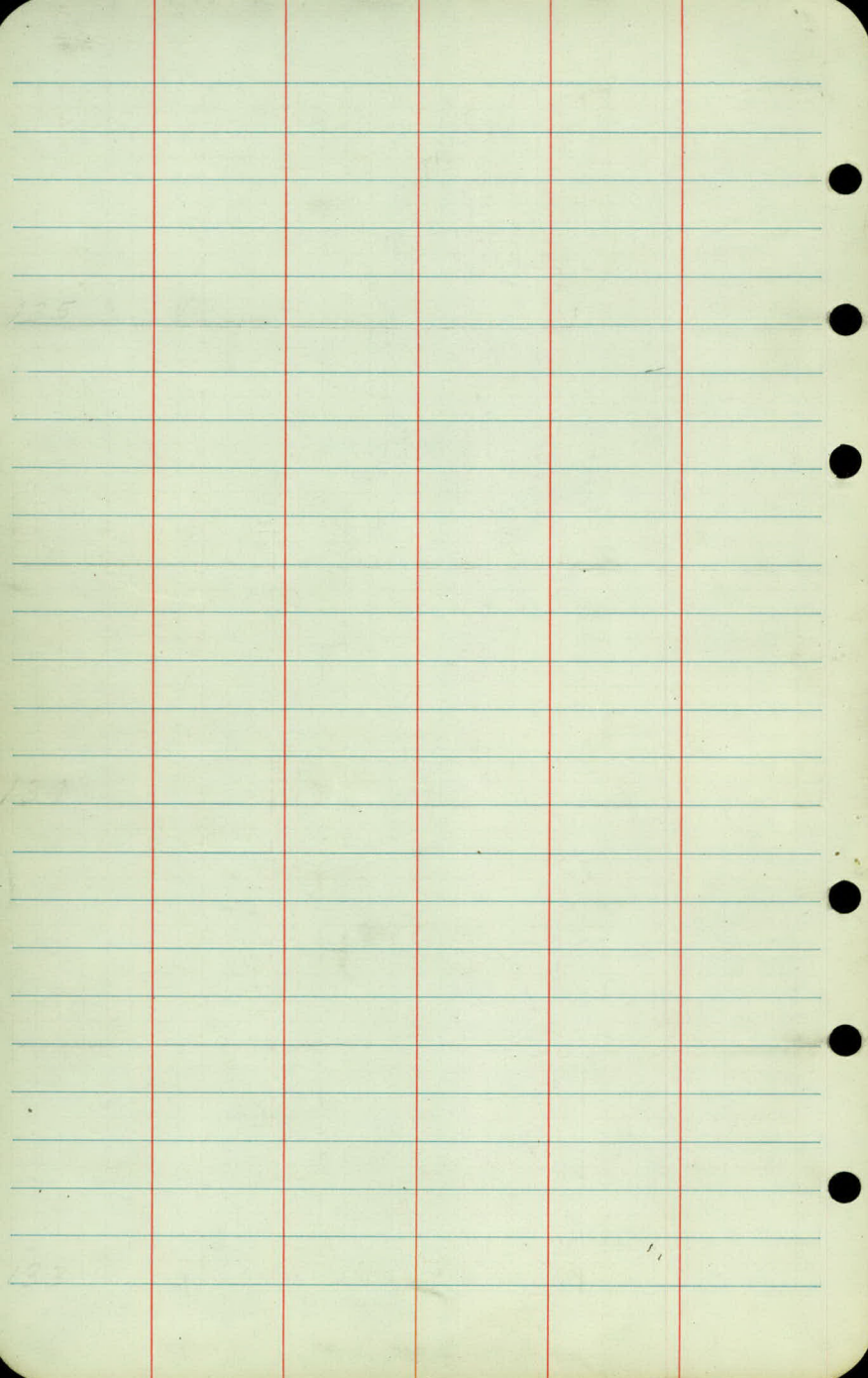


133

134

135







March 13, 1968

48A  
L

White Bear Avenue

at

Spruce Place

M.H. Info

Sta +  $\pi$  - Elev.

BM 3.03 951.81 (948.78)

Inv. S. 9.04

111+93 Top MH 30' Lt 5.19

Inv N 9.35

Inv E+W <sup>7.16</sup> 9.66 942.15

111+95 Top MH 26' Rt 5.39

Inv N <sup>3.6</sup> 8.99

111 E & W Inv. 9.65 942.16

Inv. E. <sup>3.35</sup>  
<sup>5.39</sup> 8.74

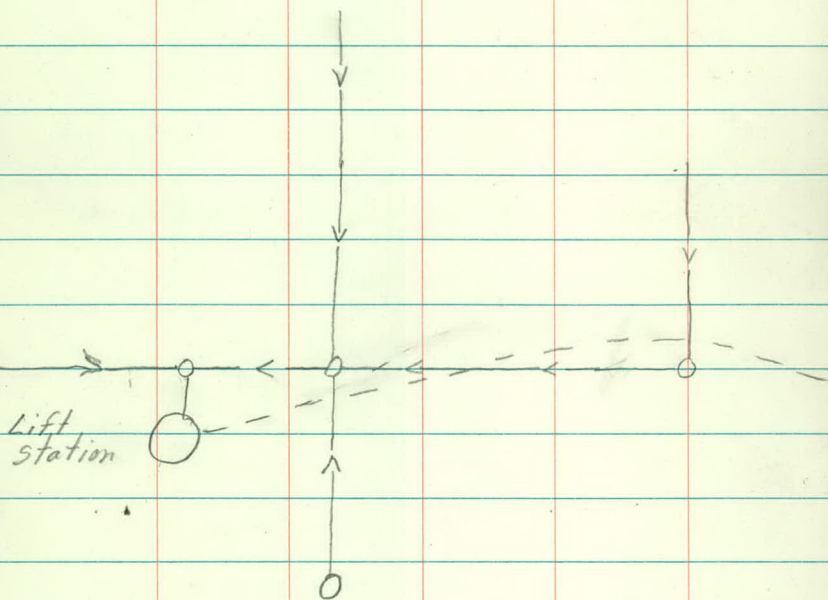
111  $\pm$  Check 4.51

4.26  
5.39  
9.65

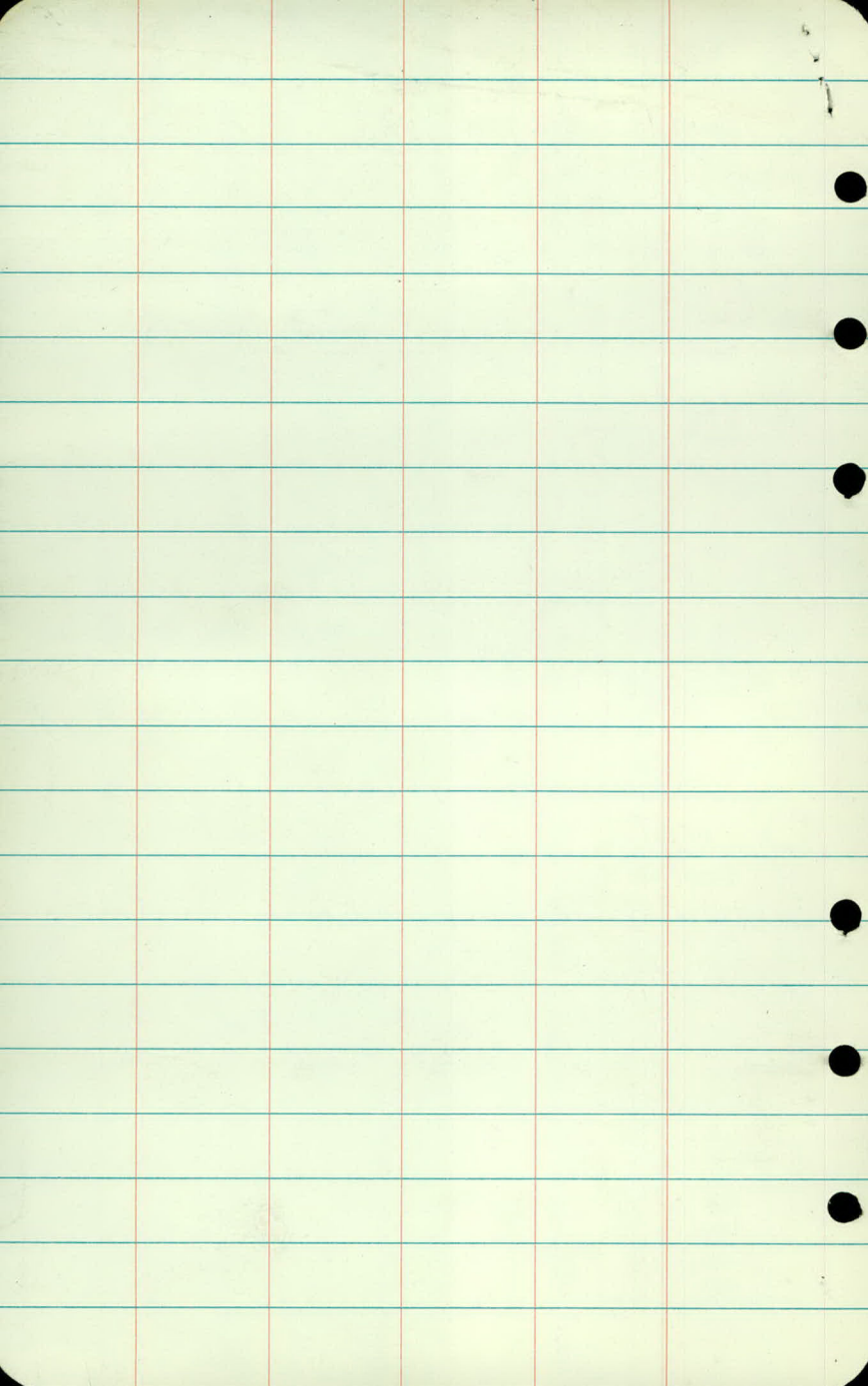
March 13, 1968 48B  
2

Top Hyd. N.E. Corner Spruce Place + W.B.A.

7.59







Oct. 6, 1967

48C  
+

White Bear Ave.

BENCH LEVELS

+

|    |       |         |        |
|----|-------|---------|--------|
| BM | 2.560 | 963.270 | 960.71 |
|----|-------|---------|--------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 1.347 | 957.455 | 7.162 956.108 |
|------|-------|---------|---------------|

|    |       |         |                |
|----|-------|---------|----------------|
| BM | 3.250 | 949.847 | 10.858 946.597 |
|----|-------|---------|----------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 3.190 | 949.717 | 3.320 946.527 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 2.949 | 949.455 | 3.211 946.506 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 2.555 | 947.846 | 4.164 945.291 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| B.M. | 2.463 | 941.725 | 8.584 939.262 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| B.M. | 4.931 | 943.053 | 3.603 938.122 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| B.M. | 4.713 | 944.897 | 2.869 940.184 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 6.502 | 947.205 | 4.194 940.703 |
|------|-------|---------|---------------|

|    |       |         |               |
|----|-------|---------|---------------|
| BM | 1.074 | 947.884 | 0.395 946.810 |
|----|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 2.632 | 948.074 | 2.442 945.442 |
|------|-------|---------|---------------|

|    |       |         |               |
|----|-------|---------|---------------|
| BM | 2.276 | 944.541 | 5.809 942.265 |
|----|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 2.492 | 944.163 | 2.870 941.671 |
|------|-------|---------|---------------|

|    |       |         |               |
|----|-------|---------|---------------|
| BM | 6.782 | 948.408 | 2.537 941.626 |
|----|-------|---------|---------------|

|      |  |  |               |
|------|--|--|---------------|
| T.P. |  |  | 1.620 946.788 |
|------|--|--|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 5.711 | 953.933 | 0.186 948.222 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| T.P. | 5.901 | 958.590 | 1.244 952.689 |
|------|-------|---------|---------------|

|      |       |         |               |
|------|-------|---------|---------------|
| B.M. | 0.094 | 957.874 | 0.810 957.780 |
|------|-------|---------|---------------|



FK  
WM  
LPD  
WJ

Oct. 6, 1967

48D  
2

1/2" Lag bolt base 20" Elm 90'E + 40'S of  
S 1/4 Corner Sec 35-30-22

Spike in P.P. 450' N of "D"

Spike in W. Side P.P. N.W. Corner W. B. Court  
Top Hyd. N.W. Corner Belland Ave.  
Spike in P.P. Lt. Sta 75+50

Top Hyd N.W. Corner Orchard

Top S.E. Corner Top Stop Ho. #. 3415

Nail in T.P. S.E. Corner Elm St.

Top Headwall

Nail in T.P. Rt Sta 110+10

Top Hyd N.W. Corner Dell

| Sta  | +     | $\pi$   | -     | Elev.   |
|------|-------|---------|-------|---------|
|      |       | 957.874 |       |         |
| BM   | 1.400 | 952.811 | 6.463 | 951.411 |
| BM   |       |         | 3.526 | 949.285 |
| BM   | 0.077 | 952.396 | 0.492 | 952.319 |
| BM   | 3.518 | 952.283 | 3.631 | 948.765 |
| BM   | 1.585 | 953.535 | 0.333 | 951.950 |
| BM   | 2.432 | 955.465 | 0.502 | 953.033 |
| BM   | 2.450 | 957.221 | 0.694 | 954.771 |
| BM   | 1.715 | 957.655 | 1.281 | 955.940 |
| BM   | 0.016 | 957.208 | 0.463 | 957.192 |
| BM   | 1.048 | 955.341 | 2.915 | 954.293 |
| BM   | 0.124 | 950.739 | 4.728 | 950.613 |
| T.P. | 4.411 | 949.213 | 5.935 | 944.802 |
| BM   | 0.778 | 949.274 | 0.717 | 948.496 |
| BM   | 1.575 | 945.888 | 4.961 | 944.313 |
| BM   | 4.593 | 942.281 | 8.200 | 937.688 |
| BM   | 1.983 | 943.133 | 1.131 | 942.150 |
| BM   |       |         | 2.027 | 941.106 |
| BM   |       |         | 0.070 | 943.063 |

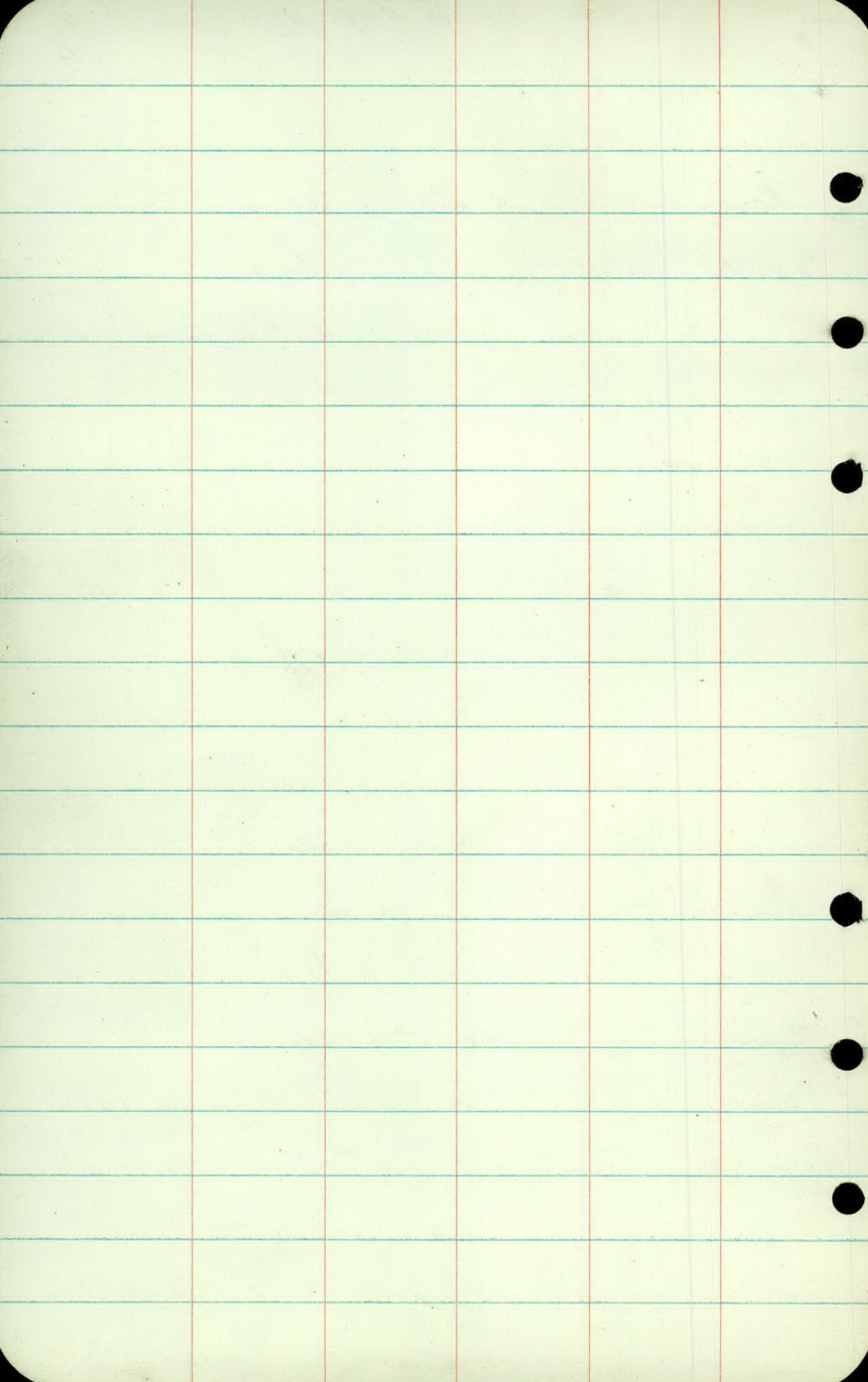
Oct. 6, 1967.

48E

3

- Top of Sidewalk at N.W. Corner Building
- Top of Sec. Cor. Iron at Co Rd "E"
- Top Hyd N.E. Corner Co Rd "E" & W.B.A.
- Top Hyd N.E. Corner Spruce Place
- Top Hyd. by #3664 White Bear Ave.
- Top Hyd N.E. Corner Ronald
- Top Hyd by Ho #3726 White Bear Ave.
- Top Hyd N.E. Corner Richard
- Top Hyd by #3785 White Bear Ave.
- Top Hyd S.S.E. Corner Cedar
- Top Hyd across from #3864 White Bear Ave.
- Nail in P.P. Lt. Sta 146+50
- Top Hyd N.N.W. Corner Oak Knoll Drive
- Top Hyd S.W. Corner Birch St.
- Spike in Arc Light Pole N.W. Corner Lake Aires
- Top Hyd N.W. Corner Dotte
- Iron & Co Rd F & White Bear Ave.
- Top Hyd N.W. Corner Co Rd F & White Bear Ave.





FK  
WM  
LPD  
WJ

Sept 25, 1967

49

X-Sections

Sta +  $\pi$  - Elev.

BM 5.43 944.67 (939.24)

BM 2.74 944.67 2.74 941.93

68+27.58

4/4

1

+71

69

+33 Gutter Line



Sept. 25, 1967

50

17

2

51

Spike in W. Side Arc Light N.W. Cor. W.B. Court

E. End Door Sill Ho #1835 White Bear Court

| A2.9 | A2.0 | A0.6 | 41.7 | A1.9 | A1.7 | A0.9 | A0.2 | 34.7 | 28.7  |
|------|------|------|------|------|------|------|------|------|-------|
| 1.8  | 2.7  | 4.1  | 3.0  | 2.8  | 3.0  | 3.8  | 4.5  | 10.0 | 16.0  |
| 43   | 25   | 21   | 16   | 11   |      | 11   | 18   | 25   | 39    |
|      |      |      |      |      |      |      |      |      | shore |

| 43.3 | 43.4 |
|------|------|
| 1.4  | 1.3  |
| 58   | 60   |

| A3.0 | A2.8 | A1.1 | 39.8 | A0.7 | A0.8 | A0.7 | A0.2 | 39.6 | 35.6 | 28.7 |
|------|------|------|------|------|------|------|------|------|------|------|
| 1.7  | 1.9  | 3.3  | 4.9  | 4.0  | 3.9  | 4.0  | 4.5  | 5.1  | 9.1  | 16.0 |
| 61   | 52   | 33   | 20   | 14   | 10   |      | 11   | 20   | 26   | 40   |

| A2.2 | A0.8 | 39.5 | A0.0 | A0.2 | A0.1 | 39.8 | 39.3 | 33.2 | 28.8 |
|------|------|------|------|------|------|------|------|------|------|
| 2.5  | 3.9  | 5.2  | 4.7  | 4.5  | 4.6  | 4.9  | 5.4  | 11.5 | 15.9 |
| 61   | 34   | 20   | 14   | 10   |      | 10   | 19   | 30   | 46   |

| 39.1 | 39.0 | 39.0 | 39.4 | 39.5 | 39.3 | 39.7 | 35.6 | 33.2 |
|------|------|------|------|------|------|------|------|------|
| 5.6  | 5.7  | 5.7  | 5.3  | 5.2  | 5.4  | 6.0  | 9.1  | 11.5 |
| 61   | 46   | 28   | 11   |      | 10   | 19   | 26   | 38   |

| 28.7 | 31.0 |
|------|------|
| 16.0 | 13.7 |
| 62   | 52   |

Sta +  $\pi$  - Elev.

944.67

69+47

✓

+63 Gutter Line

✓

70

✓

Sept. 25, 1967

Lt

£

Rt

51

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 39.3 | 39.1 | 39.2 | 38.9 | 39.1 | 39.1 | 39.0 | 38.4 | 36.5 | 33.3 |
| 5.4  | 5.6  | 5.4  | 5.8  | 5.6  | 5.6  | 5.7  | 6.3  | 8.2  | 11.4 |
| 61   | 46   | 41   | 27   | 11   |      | 10   | 18   | 26   | 43   |

MH

|      |       |
|------|-------|
| 30.4 | 31.4  |
| 14.3 | 13.34 |
| 61   | 56    |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 39.0 | 38.8 | 38.6 | 38.6 | 38.8 | 38.9 | 38.7 | 38.0 | 36.2 | 35.9 | 33.7 |
| 5.7  | 5.9  | 6.1  | 6.1  | 5.9  | 5.8  | 6.0  | 6.7  | 8.5  | 8.8  | 11.0 |
| 61   | 46   | 34   | 23   | 11   |      | 10   | 19   | 25   | 37   | 50   |

|      |
|------|
| 32.7 |
| 12.0 |
| 61   |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 40.2 | 39.6 | 38.7 | 37.6 | 38.0 | 38.1 | 38.2 | 38.0 | 37.6 | 37.1 | 36.0 | 35.7 |
| 4.5  | 5.1  | 6.0  | 7.1  | 6.7  | 6.6  | 6.5  | 6.7  | 7.1  | 7.6  | 8.7  | 9.0  |
| 61   | 45   | 31   | 23   | 18   | 10   |      | 10   | 19   | 22   | 26   | 36   |

|      |      |
|------|------|
| 34.1 | 35.6 |
| 10.6 | 9.1  |
| 61   | 47   |



Sta      +       $\pi$       -      Elev.

944.67

70+50

✓

T.P.    4.92    941.62    7.97    936.70

71+00 E

71

✓

+40

+66

14

Sept. 25, 1967

52

Rt

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 37.9 | 37.3 | 36.9 | 37.3 | 37.3 | 37.3 | 37.2 | 36.5 | 35.2 | 34.9 | 35.9 |
| 6.8  | 7.4  | 7.8  | 7.4  | 7.4  | 7.4  | 7.5  | 8.2  | 9.5  | 9.8  | 8.8  |
| 30   | 23   | 21   | 18   | 10   |      | 10   | 20   | 25   | 28   | 31   |

38.8  
5.9 4.6  
38 61

37.4  
38.1 36.0  
7.3 6.6 8.7  
61 47 39

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 37.9 | 37.6 | 37.2 | 36.6 | 36.6 | 36.7 | 36.5 | 35.9 | 34.4 | 34.6 | 36.9 |
| 3.7  | 4.0  | 4.4  | 5.0  | 5.0  | 4.9  | 5.1  | 5.7  | 7.2  | 7.0  | 4.7  |
| 61   | 48   | 33   | 19   | 10   |      | 10   | 19   | 25   | 38   | 49   |

36.7  
4.9  
61

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 36.6 | 36.5 | 36.2 | 36.3 | 36.2 | 36.3 | 36.2 | 35.7 | 33.5 | 32.8 | 28.7 |
| 5.0  | 5.1  | 5.4  | 5.3  | 5.4  | 5.3  | 5.4  | 5.9  | 8.1  | 8.8  | 12.9 |
| 61   | 50   | 33   | 19   | 10   |      | 10   | 19   | 26   | 40   | 61   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 36.7 | 36.7 | 36.4 | 36.3 | 36.0 | 36.1 | 36.1 | 35.5 | 28.7 |
| 4.9  | 4.9  | 5.2  | 5.3  | 5.6  | 5.5  | 5.5  | 6.1  | 12.9 |
| 61   | 48   | 33   | 19   | 10   |      | 10   | 19   | 37   |

Lake

Sta      +      -      Elev.

941.62

72+00

BM    4.18    942.29    3.51    938.11    (938.11)

+43    Gutter Line

+46    MH 48' Lt,    2.63    934.66

+58    ± Belland Ave.

+73    Gutter Line

73

+50



Sept. 25, 1967

LT

RT

53

36.9 36.6 36.4 35.8 35.8 36.0 35.9 35.3 28.7  
 4.7 5.0 5.2 5.8 5.8 5.6 5.8 6.3 12.9  
 61 40 24 18 10 10 18 30  
 Top Hyd N.W. Corner Belland Ave. water

34.5 34.6 34.8 35.2 35.7 36.0 35.8 36.3 31.5 28.8  
 7.8 7.73 7.5 7.1 6.6 6.3 6.5 7.0 10.8 13.5  
 61 49 41 26 10 10 17 24 32  
 CB

35.0 35.2 35.4 35.3 35.6 35.8 36.0 35.9 35.5 32.1 28.7  
 7.3 7.1 6.94 7.0 6.7 6.5 6.3 6.4 6.8 9.9 13.6  
 61 50 41 39 24 10 10 16 22 32  
 MH

34.5 34.6 34.6 35.2 35.6 36.1 36.0 35.3 32.1 28.8  
 7.8 7.74 7.7 7.1 6.7 6.4 6.2 6.3 7.0 10.2 13.5  
 61 48 46 33 22 10 10 18 22 28  
 CB

36.4 36.2 35.9 35.6 35.9 36.1 36.0 36.1 35.7 31.9 28.7  
 5.9 6.1 6.4 6.7 6.4 6.2 6.1 6.2 6.6 10.4 13.6  
 61 44 28 20 14 10 10 18 22 29

37.9 37.3 36.4 35.4 36.1 36.3 36.0 36.6 36.2 32.5 28.7  
 4.4 5.0 5.9 6.9 6.8 6.0 5.7 5.7 6.1 9.8 13.6  
 61 46 29 20 16 10 10 18 23 29

Sta +  $\pi$  - Elev.

942.29

74+00

+50

75

+50

✓

T.P. 5.63 945.80 2.12 940.17 Nail in R.R.

76

Lt

Sept. 25, 1967 54

Rt.

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 38.8 | 38.3 | 37.1 | 35.8 | 36.1 | 36.6 | 37.0 | 37.1 | 36.8 | 32.6 | 28.7 |
| 35   | 40   | 52   | 65   | 59   | 58   | 53   | 52   | 55   | 97   | 13.6 |
| 61   | 45   | 27   | 19   | 15   | 10   | 10   | 17   | 24   | 30   |      |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 39.9 | 39.3 | 38.1 | 35.7 | 36.7 | 36.9 | 37.3 | 37.6 | 37.3 | 33.5 | 28.7 |
| 24   | 30   | 39   | 66   | 56   | 54   | 50   | 47   | 50   | 88   | 13.6 |
| 61   | 45   | 31   | 21   | 17   | 10   | 10   | 19   | 25   | 33   |      |

|      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 40.5 | 40.0 | 38.6 | 36.8 | 36.3 | 37.2 | 37.6 | 37.9 | 38.2 | 38.0 | 34.5 | 32.1 | 29.9 |
| 18   | 23   | 37   | 55   | 60   | 51   | 48   | 44   | 41   | 43   | 78   | 99   | 12.4 |
| 51   | 46   | 30   | 25   | 21   | 16   | 10   | 10   | 24   | 32   | 42   | 61   |      |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 39.5 | 36.7 | 35.9 | 37.3 | 37.9 | 38.0 | 38.1 | 38.7 | 38.3 | 35.9 | 35.8 | 34.6 |
| 28   | 56   | 64   | 50   | 44   | 43   | 39   | 36   | 40   | 64   | 65   | 7.7  |
| 37   | 27   | 21   | 18   | 14   | 10   | 10   | 22   | 28   | 41   | 61   |      |

|      |      |
|------|------|
| 40.7 | 40.8 |
| 1.6  | 1.5  |
| 54   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 39.0 | 36.9 | 36.1 | 37.8 | 38.3 | 38.1 | 36.9 | 39.1 | 38.8 | 36.7 | 36.8 | 41.6 |
| 68   | 89   | 94   | 80   | 75   | 74   | 69   | 67   | 70   | 91   | 90   | 4.3  |
| 35   | 28   | 23   | 19   | 15   | 10   | 10   | 22   | 27   | 33   | 44   |      |

|      |      |
|------|------|
| 40.9 | 41.1 |
| 4.9  | 4.4  |
| 53   | 61   |

|      |
|------|
| 36.5 |
| 9.3  |
| 61   |



Sta +  $\pi$  - Elev.

945.80

76+50

✓

77

TP 7.41 947.34 5.87 939.93 Nail in P.P.

+50

✓

78

FR  
WM  
LPO  
WJ

Lt.

Sept. 25, 1967  
Sept. 26, 1967 Rf.

55

39.7 37.9 36.8 38.2 38.7 38.9 39.3 39.6 39.5 38.5 39.7 41.1  
6.1 7.9 9.0 7.6 7.1 6.9 6.5 6.2 6.3 7.3 6.1 4.7  
35 28 21 19 15 10 11 22 26 29 41

41.3

41.9

4.5 3.9  
53 61

40.4

41.6

5.4 4.2  
61 52

41.2 A 39.7 37.1 38.1 39.0 39.2 39.7 40.0 39.9 39.2 40.9 40.6 40.8 41.1  
4.6 5.0 6.1 8.4 7.1 6.8 6.6 6.1 5.8 5.9 6.6 4.9 5.2 4.0 4.7  
61 51 34 20 18 15 10 10 21 22 27 38 56 61

41.2 A 39.7 38.2 38.9 39.3 39.6 40.1 40.0 40.0 39.0 38.0 41.2  
6.1 6.9 7.6 9.1 8.4 8.0 7.7 7.2 6.9 6.9 8.3 8.4 6.1  
61 44 32 20 17 15 10 10 15 19 22 27

40.0 40.7 42.5  
7.3 6.6 4.8  
71 56 38

41.5 40.9 39.2 38.7 39.8 40.0 40.6 40.9 41.0 39.8 39.7 42.9  
5.8 6.4 8.1 8.6 7.5 7.3 6.8 6.4 6.3 7.5 7.6 4.4  
61 45 31 18 14 10 10 15 19 21 28

40.4 42.6 43.2  
6.9 4.7 4.1  
61 45 35

Sta +  $\pi$  - Elev.

947.34

78+50 Ent. Rt

79

✓

+33 Gutter Line

✓

+47  $\neq$  Monn Ave.

✓



Lt.

Sept. 26, 1967

Rt.

56

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A2.1 | A1.1 | A0.1 | 39.1 | A0.2 | A0.5 | A0.9 | A1.2 | A1.0 | 39.5 | 37.6 |
| 5.2  | 6.2  | 7.2  | 7.9  | 7.1  | 6.8  | 6.4  | 6.1  | 6.3  | 7.8  | 9.7  |
| 61   | 43   | 31   | 20   | 15   | 10   |      | 10   | 28   | 44   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| A1.1 | A1.0 | A0.8 | 39.9 | A0.6 | A0.9 | A1.3 | A1.6 | A1.6 | A1.0 | A0.8 | A3.1 |
| 5.6  | 6.3  | 6.5  | 7.4  | 6.7  | 6.4  | 6.0  | 5.7  | 5.7  | 6.3  | 6.5  | 4.2  |
| 50   | 36   | 25   | 18   | 15   | 10   |      | 10   | 16   | 18   | 21   | 27   |

A2.2  
5.1  
61

39.0 A1.2  
8.3 6.1 5.1  
61 50 38

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A1.4 | A1.3 | A1.2 | A1.1 | A1.1 | A1.5 | A1.9 | A1.9 | A0.9 | A0.9 | A1.7 |
| 5.9  | 6.0  | 6.1  | 6.2  | 6.2  | 5.8  | 5.4  | 5.4  | 6.4  | 6.4  | 2.6  |
| 61   | 47   | 33   | 21   | 10   |      | 10   | 14   | 18   | 21   | 30   |

38.8 A2.9  
8.5 4.4  
61 44

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A1.8 | A1.7 | A1.8 | A1.4 | A1.2 | A1.7 | A2.0 | A1.9 | A1.0 | A1.0 | A2.8 |
| 5.5  | 5.6  | 5.53 | 5.9  | 6.1  | 5.6  | 5.3  | 5.4  | 6.3  | 6.3  | 4.5  |
| 61   | 43   | 39   | 27   | 10   |      | 10   | 15   | 19   | 23   | 29   |

MH

35.8 37.4  
11.5 9.9  
61 40

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 947.34 |  |  |
|--|--|--------|--|--|

|       |  |             |  |  |
|-------|--|-------------|--|--|
| 79+63 |  | Gutter Line |  |  |
|-------|--|-------------|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 80 |  |  |  |  |
|----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

Lt

Sept. 26, 1967

57

Rt

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A1.4 | A1.3 | A1.3 | A1.2 | A1.4 | A1.8 | A2.2 | A2.1 | A0.9 | A2.3 | A0.2 |
| 5.9  | 6.0  | 6.0  | 6.1  | 5.9  | 5.5  | 5.1  | 5.2  | 6.4  | 5.0  | 2.1  |
| 61   | 49   | 31   | 21   | 10   |      | 10   | 15   | 22   | 29   | 36   |

|      |      |
|------|------|
| 36.1 | 37.0 |
| 11.2 | 10.3 |
| 61   | 46   |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| A2.6 | A2.1 | A1.9 | A1.1 | A1.4 | A1.7 | A2.2 | A2.5 | A2.6 | A0.8 | A0.8 | A1.6 |
| 4.8  | 5.2  | 5.4  | 6.2  | 5.9  | 5.6  | 5.1  | 4.8  | 4.7  | 6.5  | 6.5  | 2.7  |
| 61   | 46   | 35   | 18   | 14   | 10   |      | 10   | 15   | 20   | 23   | 36   |

|      |      |
|------|------|
| A0.5 | A3.4 |
| 6.8  | 3.9  |
| 61   | 46   |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| A2.4 | A2.3 | A2.1 | A1.4 | A2.1 | A2.3 | A2.7 | A2.9 | A2.8 | A0.4 | A0.4 | A1.7 |
| 4.9  | 5.0  | 5.2  | 5.9  | 5.2  | 5.0  | 4.6  | 4.4  | 4.5  | 6.9  | 6.9  | 2.6  |
| 61   | 50   | 36   | 19   | 15   | 10   |      | 10   | 15   | 20   | 24   | 34   |

|      |      |
|------|------|
| A1.6 | A4.2 |
| 5.7  | 3.1  |
| 61   | 43   |



Sta +  $\pi$  - Elev.

947.34

81+00

✓

+50

✓

TP 5.78 949.04 4.08 943.26

82

✓

Sept. 26, 1967

58

Lt.

Rt.

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A1.9 | A1.8 | A1.9 | A2.6 | A2.9 | A3.1 | A3.2 | A3.1 | A0.3 | A0.1 | A2.2 |
| 5.4  | 5.5  | 5.4  | 4.7  | 4.4  | 4.2  | 4.1  | 4.2  | 7.0  | 7.2  | 5.1  |
| 43   | 30   | 19   | 15   | 10   |      | 10   | 15   | 23   | 25   | 32   |

A2.1  
5.2  
61

A1.5 A2.3  
5.8 5.0  
61 44

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A3.7 | A3.2 | A2.4 | A3.4 | A3.5 | A3.6 | A3.5 | A3.1 | A3.9 | A3.7 | A0.8 |
| 3.6  | 4.1  | 4.9  | 3.9  | 3.8  | 3.7  | 3.8  | 4.2  | 7.4  | 7.6  | 6.5  |
| 41   | 29   | 18   | 14   | 10   |      | 10   | 16   | 23   | 25   | 29   |

A4.0  
3.3  
61

A A0.7  
5.9 6.6  
61 40

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| A6.1 | A4.6 | A3.7 | A3.1 | A3.9 | A3.9 | A4.0 | A3.9 | A3.6 | A0.7 | A0.9 | A0.6 |
| 2.9  | 4.4  | 5.3  | 5.9  | 5.1  | 5.1  | 5.0  | 5.1  | 5.4  | 8.3  | 8.1  | 8.4  |
| 61   | 47   | 29   | 18   | 14   | 10   |      | 10   | 15   | 23   | 28   | 39   |

A1.0 A0.8  
8.0 8.2  
61 49

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 949.04 |  |  |
|--|--|--------|--|--|

|       |  |  |  |  |
|-------|--|--|--|--|
| 32+37 |  |  |  |  |
|-------|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 58 |  |  |  |  |
|----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +58 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +80 |  |  |  |  |
|-----|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 83 |  |  |  |  |
|----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|    |      |        |      |        |        |
|----|------|--------|------|--------|--------|
| BM | 1.94 | 948.71 | 2.26 | 946.78 | 946.77 |
|----|------|--------|------|--------|--------|



Sept. 26, 1967

11

RH 59

|      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| A3.3 | A3.1 | A3.2 | A3.3 | AA.2 | AA.2 | AA.3 | AA.2 | A3.9 | A1.5 | A2.9 | A1.9 | A1.3 |
| 5.7  | 5.9  | 5.8  | 5.7  | 4.8  | 4.8  | 4.7  | 4.8  | 5.1  | 7.5  | 6.1  | 7.1  | 2.7  |
| 61   | 53   | 38   | 20   | 15   | 10   |      | 10   | 16   | 23   | 28   | 43   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A3.2 | A3.3 | A3.8 | AA.2 | AA.4 | AA.5 | AA.3 | A3.5 | A2.8 | A2.5 | A1.9 |
| 5.8  | 5.5  | 5.2  | 5.0  | 4.6  | 4.5  | 4.7  | 5.5  | 6.2  | 6.5  | 7.1  |
| 61   | 53   | 38   | 22   | 10   |      | 10   | 21   | 35   | 49   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A3.8 | A3.8 | AA.1 | AA.4 | AA.6 | AA.6 | AA.5 | A3.6 | A2.9 | A2.3 | A2.2 |
| 5.2  | 5.2  | 4.9  | 4.6  | 4.4  | 4.4  | 4.5  | 5.4  | 6.1  | 6.7  | 6.8  |
| 61   | 53   | 40   | 23   | 10   |      | 10   | 17   | 29   | 45   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A3.9 | A2.4 | A2.6 | AA.2 | AA.7 | AA.8 | AA.7 | AA.3 | A1.9 | A1.9 | A2.6 |
| 5.1  | 6.6  | 6.4  | 4.8  | 4.3  | 4.2  | 4.3  | 4.7  | 7.1  | 7.1  | 6.4  |
| 29   | 24   | 21   | 16   | 10   |      | 10   | 16   | 22   | 23   | 26   |

|      |      |
|------|------|
| AA.2 | AA.2 |
| 4.8  | 4.9  |
| 43   | 61   |

|      |      |
|------|------|
| A1.9 | A1.9 |
| 7.1  | 7.1  |
| 61   | 40   |

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| A3.9 | A3.9 | AA.1 | A2.1 | A2.2 | A5.1 | A5.1 | A5.1 | A5.0 | AA.7 | A2.2 | A2.8 | A2.2 | A2.7 |
| 5.6  | 5.1  | 4.9  | 6.9  | 6.8  | 3.9  | 3.9  | 3.9  | 4.0  | 4.3  | 6.8  | 6.2  | 6.8  | 6.3  |
| 38   | 29   | 24   | 21   | 14   | 10   |      | 10   | 16   | 21   | 24   | 38   | 61   |      |

Top Hyd N.W. Corner Orchard

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 948.71 |  |  |
|--|--|--------|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 84 |  |  |  |  |
|----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 85 |  |  |  |  |
|----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

Sept. 26, 1967

60

Lt.

✓

RT

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| AA.4 | A3.2 | A3.1 | A5.1 | A5.3 | A5.3 | A5.1 | A4.9 | A2.6 | A2.6 | A3.4 |
| 4.3  | 5.5  | 5.6  | 3.6  | 3.4  | 3.4  | 3.6  | 3.8  | 6.2  | 6.2  | 5.3  |
| 29   | 23   | 21   | 15   | 10   |      | 10   | 15   | 21   | 23   | 26   |

|      |      |
|------|------|
| A4.5 | A4.7 |
| 4.2  | 4.0  |
| 47   | 61   |

|      |      |
|------|------|
| A1.0 | A2.3 |
| 7.7  | 6.4  |
| 61   | 43   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A5.8 | A3.0 | A3.0 | A5.5 | A5.5 | A5.6 | A5.5 | A5.3 | A3.2 | A3.0 |
| 2.9  | 5.7  | 5.7  | 3.2  | 3.2  | 3.1  | 3.2  | 3.4  | 5.5  | 5.7  |
| 35   | 23   | 20   | 14   | 10   |      | 10   | 15   | 20   | 22   |

|      |
|------|
| A6.0 |
| 2.7  |
| 61   |

|      |      |     |
|------|------|-----|
| A1.9 | A3.4 | AAA |
| 6.8  | 5.3  | 4.3 |
| 61   | 45   | 28  |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A5.8 | A2.8 | A2.9 | A5.6 | A5.7 | A5.7 | A5.6 | A5.4 | A3.2 | A3.1 | AA.4 |
| 2.9  | 5.9  | 5.8  | 3.1  | 3.0  | 3.0  | 3.1  | 3.3  | 5.5  | 5.6  | 4.3  |
| 32   | 23   | 21   | 14   | 10   |      | 10   | 14   | 21   | 23   | 27   |

|      |      |
|------|------|
| A5.8 | A5.9 |
| 2.9  | 2.8  |
| 45   | 61   |

|      |      |
|------|------|
| AA.7 | AA.1 |
| 4.0  | 4.6  |
| 61   | 38   |



| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 948.71 |  |  |
|--|--|--------|--|--|

|       |  |  |  |  |
|-------|--|--|--|--|
| 85+50 |  |  |  |  |
|-------|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| B6 |  |  |  |  |
|----|--|--|--|--|

|    |      |        |      |        |
|----|------|--------|------|--------|
| TP | 5.92 | 949.57 | 5.06 | 943.65 |
|----|------|--------|------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 87 |  |  |  |  |
|----|--|--|--|--|

Sept. 26, 1967

61

Lt.

Rt.

$A^{5.5}$   $A^{5.2}$   $A^5$   $A^{5.8}$   $A^{5.8}$   $A^{5.7}$   $A^{5.5}$   $A^{3.1}$   $A^{3.1}$   $A^{4.8}$   
 32 35 33 29 29 30 32 56 56 39  
 42 27 15 10 10 15 21 23 28

$A^{5.2}$   
 35  
 61

$A^{4.9}$   $A^{4.6}$   
 38 41  
 61 42

$A^{3.1}$   $A^{2.2}$   $A^{2.2}$   $A^{5.8}$   $A^{5.6}$   $A^{5.7}$   $A^{5.6}$   $A^{5.5}$   $A^{3.3}$   $A^{3.2}$   $A^{4.4}$   
 56 65 64 29 31 30 31 32 54 55 43  
 27 23 22 13 10 10 15 20 23 29

$A^{3.0}$   $A^{2.4}$   
 5.7 6.3  
 41 61

$A^{5.4}$   $A^{4.8}$   
 33 39  
 61 44

$39.8$   $A^{0.4}$   $A^{2.0}$   $A^{2.5}$   $A^{5.5}$   $A^{5.5}$   $A^{5.6}$   $A^{5.6}$   $A^{5.3}$   $A^{3.4}$   $A^{3.9}$   $A^{4.4}$   $A^{5.1}$   
 98 92 76 71 41 41 40 41 43 63 57 52 45  
 61 47 33 21 14 10 10 15 22 28 44 61

$A^{2.0}$   $A^{2.9}$   $A^{2.0}$   $A^{5.1}$   $A^{5.2}$   $A^{5.4}$   $A^{5.3}$   $A^{4.9}$   $A^{3.6}$   $A^{4.6}$   $A^{5.2}$   
 76 67 76 45 44 42 43 47 60 50 44  
 33 26 24 15 10 10 15 21 34 49

$A^{0.9}$   $A^{0.2}$   $39.7$   
 8.7 9.4 9.9  
 36 51 61

$A^{5.6}$   
 40  
 61

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 949.57 |  |  |
|--|--|--------|--|--|

|       |  |  |  |  |
|-------|--|--|--|--|
| 87+50 |  |  |  |  |
|-------|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 88 |  |  |  |  |
|----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 4.36 | 947.53 | 6.40 | 943.17 |
|------|------|--------|------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

Lt.

Sept. 26, 1967

62

Rt

|                  |                  |                  |                  |                 |                  |                 |                 |                  |                  |                 |
|------------------|------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|------------------|------------------|-----------------|
| A <sup>3.3</sup> | A <sup>2.1</sup> | A <sup>2.1</sup> | A <sup>5.0</sup> | AA <sup>9</sup> | A <sup>5.0</sup> | AA <sup>9</sup> | AA <sup>8</sup> | A <sup>3.0</sup> | A <sup>3.0</sup> | AA <sup>8</sup> |
| 6.3              | 7.5              | 7.5              | 4.6              | 4.7             | 4.6              | 4.7             | 4.8             | 6.6              | 6.6              | 4.8             |
| 27               | 24               | 22               | 14               | 10              |                  | 10              | 15              | 20               | 23               | 30              |

|                  |                  |                  |
|------------------|------------------|------------------|
| A <sup>2.1</sup> | A <sup>1.2</sup> | A <sup>0.2</sup> |
| 7.5              | 8.4              | 9.4              |
| 37               | 57               | 61               |

|                  |                 |
|------------------|-----------------|
| A <sup>5.3</sup> | AA <sup>9</sup> |
| 4.3              | 4.7             |
| 61               | 45              |

|                  |                 |                 |                 |                 |                 |                 |                 |                  |                  |                  |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| A <sup>2.5</sup> | AA <sup>6</sup> | AA <sup>6</sup> | AA <sup>3</sup> | AA <sup>4</sup> | AA <sup>5</sup> | AA <sup>4</sup> | AA <sup>4</sup> | A <sup>2.9</sup> | A <sup>2.9</sup> | A <sup>5.0</sup> |
| 7.1              | 8.0             | 8.0             | 5.3             | 5.2             | 5.1             | 5.2             | 5.2             | 6.7              | 6.7              | 4.6              |
| 35               | 27              | 23              | 15              | 10              |                 | 10              | 15              | 21               | 23               | 29               |

|                  |                  |
|------------------|------------------|
| A <sup>1.8</sup> | A <sup>1.8</sup> |
| 7.8              | 7.8              |
| 55               | 61               |

Flock of Geese  
Going South

|                 |                  |
|-----------------|------------------|
| AA <sup>7</sup> | A <sup>5.9</sup> |
| 29              | 3.7              |
| 61              | 43               |

|                 |                 |                 |                  |                   |                   |                   |                  |                 |                 |                 |
|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|------------------|-----------------|-----------------|-----------------|
| AA <sup>6</sup> | AA <sup>9</sup> | AA <sup>9</sup> | A <sup>3.8</sup> | AA <sup>3.9</sup> | AA <sup>3.9</sup> | AA <sup>3.9</sup> | A <sup>3.8</sup> | AA <sup>8</sup> | AA <sup>8</sup> | AA <sup>8</sup> |
| 5.9             | 6.6             | 6.6             | 3.7              | 3.6               | 3.6               | 3.6               | 3.7              | 5.7             | 5.7             | 2.7             |
| 31              | 23              | 21              | 14               | 10                |                   | 10                | 15               | 20              | 22              | 31              |

|                  |                  |
|------------------|------------------|
| A <sup>5.8</sup> | A <sup>5.3</sup> |
| 1.7              | 2.2              |
| 61               | 47               |



Sta +  $\pi$  - Elev.

947.53

89+00

✓

30  
47  
64

+30

✓

Leave ?

BM 3.48 945.71 5.28 942.25 (942.23)

TP 4.19 941.52 941.51

+47

✓

Lt.

Sept. 26, 1967

Rt.

63

|        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| $10.6$ | $10.6$ | $10.2$ | $13.2$ | $13.3$ | $13.3$ | $13.2$ | $13.1$ | $11.1$ | $11.0$ | $12.6$ |
| 6.9    | 6.9    | 7.3    | 4.3    | 4.2    | 4.2    | 4.3    | 4.4    | 6.4    | 6.5    | 4.9    |
| 61     | 32     | 21     | 14     | 10     |        | 10     | 14     | 20     | 22     | 31     |

|        |            |          |        |        |
|--------|------------|----------|--------|--------|
| $15.3$ | $15.0$     | $13.1$   | $13.1$ | $12.8$ |
| 2.2    | 2.5        | 4.4      | 4.1    | 4.7    |
| 61     | Wall Drive |          |        | 35     |
|        | 46         | Wall Bit |        |        |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| $39.3$ | $38.7$ | $38.8$ | $12.9$ | $13.0$ | $13.0$ | $12.9$ | $12.6$ | $12.8$ | $13.1$ |
| 82     | 88     | 8.7    | 4.6    | 4.5    | 4.5    | 4.6    | 5.0    | 4.7    | 4.1    |
| 30     | 26     | 24     | 14     | 10     |        | 10     | 24     | 42     | 61     |

|        |        |
|--------|--------|
| $39.4$ | $39.8$ |
| 8.1    | 7.7    |
| 43     | 61     |

Top S.E. Corner Top Step Hg # 3415 W. B. Ave.

|        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| $38.6$ | $38.9$ | $38.2$ | $12.6$ | $13.7$ | $12.8$ | $12.7$ | $12.6$ | $10.6$ | $39.1$ | $10.0$ |
| 7.1    | 6.8    | 7.5    | 3.2    | 2.0    | 2.9    | 3.0    | 3.1    | 5.1    | 6.0    | 5.7    |
| 61     | 43     | 27     | 14     | 10     |        | 10     | 14     | 21     | 28     | 39     |

|        |        |
|--------|--------|
| $10.6$ | $10.5$ |
| 5.1    | 5.2    |
| 61     | 53     |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 945.71 |  |  |
|--|--|--------|--|--|

|       |  |  |  |  |
|-------|--|--|--|--|
| 89+64 |  |  |  |  |
|-------|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 90 |  |  |  |  |
|----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 91 |  |  |  |  |
|----|--|--|--|--|

Sept. 26, 1967

64

11

81

38.7 39.7 38.9 38.6 A<sub>2.0</sub> A<sub>2.6</sub> A<sub>2.6</sub> A<sub>2.5</sub> A<sub>2.4</sub> A<sub>0.4</sub> A<sub>0.2</sub> A<sub>1.6</sub> A<sub>1.8</sub>  
 70 70 68 72 31 31 31 32 33 51 54 41 39  
 61 51 32 23 13 10 10 14 24 32 49 61

39.A 39.0 38.9 A<sub>2.3</sub> A<sub>2.2</sub> A<sub>2.3</sub> A<sub>2.2</sub> A<sub>2.0</sub> A<sub>0.3</sub> A<sub>0.1</sub> A<sub>1.2</sub>  
 6.3 6.7 6.8 3.4 3.5 3.4 3.5 3.7 5.4 5.6 4.5  
 43 30 20 13 10 10 14 23 30 42

39.2  
 6.5  
 61

A<sub>2.1</sub>  
 3.6  
 61

A<sub>0.3</sub> A<sub>0.1</sub> A<sub>0.7</sub> A<sub>1.4</sub> A<sub>1.8</sub> A<sub>1.9</sub> A<sub>1.7</sub> A<sub>1.6</sub> 39.7 39.7 A<sub>1.0</sub>  
 5.4 5.3 5.0 4.3 3.9 3.8 4.0 4.1 6.0 6.0 4.7  
 61 48 32 16 10 10 15 20 22 28

A<sub>0.7</sub> A<sub>0.8</sub>  
 about 5.0 4.9  
 61 44

39.A 39.7 38.9 A<sub>1.8</sub> A<sub>1.5</sub> A<sub>1.6</sub> A<sub>1.5</sub> A<sub>1.3</sub> 39.6 A<sub>1.2</sub> A<sub>1.2</sub>  
 6.3 6.0 6.8 3.9 4.2 4.1 4.2 4.4 6.1 4.5 4.5  
 33 27 22 13 10 10 15 22 28 46

39.9 39.5 38.9  
 5.8 6.2 6.8  
 38 48 61

A<sub>1.4</sub>  
 4.3  
 61



Sta      +       $\pi$       -      Elev.

945.71

91+50

✓

TP

92

✓

TP    3.13    943.68    5.16    940.55

+50    Drains Left here

+54    Culvert 24" S.C.P

Lt.

Sept. 26, 1967

65

RT

39.9 39.9 39.0 38.9 41.6 41.1 41.5 41.3 41.2 38.8 38.9 41.0  
 58 58 67 6.8 4.1 4.3 4.2 4.4 4.5 6.9 6.8 4.7  
 35 27 23 21 14 10 10 14 21 23 30

39.2 38.1  
 6.5 7.6  
 46 61

41.1 41.0  
 4.6 4.7  
 61 48

39.A 39.A 38.0 38.1 41.6 41.4 41.5 41.3 41.2 39.3 39.3 40.4  
 6.3 6.3 7.7 7.6 4.2 4.3 4.2 4.4 4.5 6.4 6.4 5.3  
 49 33 24 22 14 10 10 14 20 23 29

38.9  
 6.8  
 61

41.4 40.9  
 4.3 4.8  
 61 35

36.9 37.8 37.6 41.7 41.5 41.4 41.5 41.3 39.0 39.0 40.9  
 6.8 5.9 6.1 2.0 2.2 2.1 2.2 2.4 4.7 4.7 2.8  
 44 37 22 13 10 10 15 21 23 28

36.1  
 7.6  
 61

41.2 41.1  
 2.5 2.6  
 61 41

36.49  
 7.19  
 22

37.20  
 6.48



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39.3 39.7 40.9 41.7 41.8 41.7 41.5 38.6 38.7 40.1  
 4.4 4.0 2.9 2.0 1.9 2.0 2.2 5.1 5.0 3.6  
 46 34 18 10 10 14 21 24 31

39.2  
 4.5  
 61

41.0 40.8  
 2.7 2.9  
 61 48

39.9 38.6 38.6 42.3 42.0 42.0 41.9 41.7 38.0 37.9 39.3  
 3.8 5.1 5.1 1.4 1.7 1.7 1.8 2.0 5.7 5.8 4.4  
 35 26 22 14 10 10 14 23 25 31

39.6 39.3  
 4.1 4.4  
 47 61

40.1 39.8  
 3.6 3.9  
 61 48

40.3 39.8 38.8 42.0 42.1 42.2 42.1 41.8 38.3 38.2  
 3.4 4.9 4.9 1.7 1.6 1.5 1.6 1.9 5.4 5.5  
 35 26 23 14 10 10 15 23 25

40.2 40.1  
 3.5 3.6  
 47 61

39.5 39.1 39.1  
 4.2 4.6 4.6  
 61 45 30



Sta +  $\pi$  -

943.68

94+50

✓

95

✓

T.P. 4.96 945.72 2.92 940.76

+50

✓

Sept. 26, 1967

Lt.

RT.

67

|                 |                 |                 |                 |                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <sup>36.8</sup> | <sup>39.0</sup> | <sup>42.4</sup> | <sup>42.4</sup> | <sup>42.4</sup> | <sup>42.3</sup> | <sup>42.2</sup> | <sup>39.9</sup> | <sup>39.3</sup> |
| 4.9             | 4.7             | 1.3             | 1.3             | 1.3             | 1.4             | 1.5             | 4.8             | 4.4             |
| 26              | 23              | 15              | 10              |                 | 10              | 14              | 23              | 29              |

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| <sup>40.9</sup> | <sup>41.3</sup> | <sup>41.7</sup> |
| 2.8             | 2.4             | 2.0             |
| 32              | 46              | 61              |

|                 |                 |
|-----------------|-----------------|
| <sup>39.6</sup> | <sup>39.5</sup> |
| 4.1             | 4.2             |
| 61              | 42              |

|                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <sup>41.7</sup> | <sup>40.0</sup> | <sup>40.0</sup> | <sup>42.9</sup> | <sup>42.8</sup> | <sup>42.8</sup> | <sup>42.6</sup> | <sup>42.4</sup> | <sup>39.6</sup> | <sup>39.8</sup> | <sup>39.9</sup> |
| 2.0             | 3.7             | 3.7             | 0.8             | 0.9             | 0.9             | 1.1             | 1.3             | 4.1             | 3.9             | 3.8             |
| 30              | 25              | 23              | 14              | 10              |                 | 10              | 16              | 23              | 27              | 40              |

|                 |                 |
|-----------------|-----------------|
| <sup>42.1</sup> | <sup>42.1</sup> |
| 1.6             | 1.6             |
| 43              | 61              |

|                 |
|-----------------|
| <sup>40.1</sup> |
| 3.6             |
| 61              |

|                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <sup>42.1</sup> | <sup>40.6</sup> | <sup>40.7</sup> | <sup>43.6</sup> | <sup>43.2</sup> | <sup>43.2</sup> | <sup>43.1</sup> | <sup>43.0</sup> | <sup>40.6</sup> | <sup>39.9</sup> |
| 36              | 52              | 5.0             | 2.1             | 2.5             | 2.5             | 2.6             | 2.7             | 5.2             | 5.8             |
| 34              | 26              | 22              | 16              | 10              |                 | 9               | 15              | 23              | 31              |

|                 |                 |
|-----------------|-----------------|
| <sup>42.3</sup> | <sup>42.6</sup> |
| 3.4             | 3.1             |
| 48              | 61              |

|                 |                 |
|-----------------|-----------------|
| <sup>39.9</sup> | <sup>39.8</sup> |
| 5.8             | 5.9             |
| 61              | 43              |

Sta +  $\pi$  - Elev.

945.72

95+60 Ditch Line Left

✓

+72 Shoulder Line

✓

✓

+84  $\neq$  Elm St.

✓

Lt.

Sept. 26, 1967

RT

68

| A <sup>1.4</sup> | A <sup>1.5</sup> | A <sup>1.6</sup> | A <sup>3.2</sup> | A <sup>3.3</sup> | A <sup>3.3</sup> | A <sup>3.2</sup> | A <sup>3.2</sup> | A <sup>2.3</sup> | A <sup>1.6</sup> | A <sup>1.7</sup> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 43               | 42               | 52               | 25               | 24               | 24               | 25               | 25               | 34               | 4.1              | 4.7              |
| 47               | 31               | 25               | 18               | 10               |                  | 10               | 15               | 20               | 28               | 42               |

A<sup>1.6</sup>  
4.1  
61

A<sup>1.8</sup>  
4.9  
61

| A <sup>2.8</sup> | A <sup>3.1</sup> | A <sup>3.3</sup> | A <sup>3.4</sup> | A <sup>3.4</sup> | A <sup>3.4</sup> | A <sup>3.3</sup> | A <sup>2.5</sup> | A <sup>2.1</sup> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2.9              | 2.6              | 2.4              | 2.3              | 2.3              | 2.3              | 2.4              | 3.2              | 3.6              |
| 61               | 40               | 23               | 10               |                  | 10               | 15               | 21               | 32               |

A<sup>1.7</sup> A<sup>2.0</sup>  
4.0 3.7  
61 43

| A <sup>3.3</sup> | A <sup>3.4</sup> | A <sup>3.5</sup> | A <sup>3.6</sup> | A <sup>3.6</sup> | A <sup>3.5</sup> | A <sup>3.5</sup> | A <sup>2.3</sup> | A <sup>1.6</sup> | A <sup>1.6</sup> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2.4              | 2.3              | 2.2              | 2.1              | 2.1              | 2.2              | 2.2              | 3.4              | 4.1              | 4.1              |
| 61               | 44               | 24               | 10               |                  | 10               | 16               | 22               | 35               | 48               |

A<sup>1.3</sup>  
4.4  
61



Sta +  $\pi$  - Elev.

945.72

95+93

+98 Apron 23' Rt 5.94 939.78

96

+07 Apron 24' Lt. 5.10 940.62

+14 Property Line

✓

+50

✓

Lt.

Sept. 26, 1967

69

Rt

| A <sup>2.9</sup> | A <sup>3.0</sup> | A <sup>3.2</sup> | A <sup>3.7</sup> | A <sup>3.7</sup> | A <sup>3.7</sup> | A <sup>3.5</sup> | A <sup>1.9</sup> | A <sup>0.0</sup> | 39.9 | 39.8 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------|------|
| 28               | 27               | 25               | 20               | 20               | 20               | 22               | 38               | 57               | 58   | 59   |
| 61               | 46               | 26               | 10               |                  | 10               | 16               | 23               | 36               | 53   | 61   |

| A <sup>2.9</sup> | A <sup>2.9</sup> | A <sup>2.6</sup> | A <sup>3.7</sup> | A <sup>3.8</sup> | A <sup>3.8</sup> | A <sup>3.7</sup> | 39.8 | 39.8 | 39.8 | 39.7 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------|------|------|------|
| 28               | 28               | 31               | 20               | 19               | 19               | 20               | 59   | 59   | 59   | 60   |
| 61               | 39               | 25               | 10               |                  | 10               | 15               | 24   | 38   | 52   | 61   |

| A <sup>3.1</sup> | A <sup>0.7</sup> | A <sup>0.5</sup> | A <sup>3.9</sup> | A <sup>1.0</sup> | A <sup>1.0</sup> | A <sup>3.8</sup> | 39.6 | 39.9 | 39.8 | 39.9 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------|------|------|------|
| 26               | 50               | 52               | 18               | 17               | 17               | 19               | 61   | 58   | 59   | 58   |
| 33               | 27               | 22               | 15               | 10               |                  | 10               | 16   | 23   | 26   | 42   |

Iron

| A <sup>3.3</sup> | A <sup>3.5</sup> |
|------------------|------------------|
| 24               | 22               |
| 46               | 61               |

| A <sup>3.8</sup> | A <sup>1.3</sup> | A <sup>1.3</sup> | A <sup>1.7</sup> | A <sup>1.5</sup> | A <sup>1.5</sup> | A <sup>1.4</sup> | A <sup>1.3</sup> | A <sup>2.3</sup> | A <sup>1.4</sup> | A <sup>1.4</sup> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 19               | 44               | 44               | 10               | 12               | 12               | 13               | 14               | 34               | 43               | 43               |
| 34               | 27               | 22               | 15               | 10               |                  | 10               | 13               | 30               | 46               | 61               |

| A <sup>1.3</sup> | A <sup>1.5</sup> |
|------------------|------------------|
| 14               | 12               |
| 46               | 61               |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

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|  |  | 945.72 |  |  |
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|----|--|--|--|--|
| 97 |  |  |  |  |
|----|--|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 8.66 | 951.86 | 2.52 | 943.20 |
|------|------|--------|------|--------|

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| +50 |  |  |  |  |
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| ✓ |  |  |  |  |
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| 98 |  |  |  |  |
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| +50 |  |  |  |  |
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Sept. 26, 1967

Lt.

R/ 70

$A^{5.4}$   $A^{5.2}$   $A^{1.9}$   $A^{1.9}$   $A^{5.2}$   $A^{5.2}$   $A^{5.3}$   $A^{5.1}$   $A^{1.9}$   $A^{0.4}$   $A^{0.8}$   $A^{1.7}$   
 0.105 38 38 0.5 0.5 0.4 0.6 0.8 5.3 4.9 4.0  
 4634 24 23 18 10 10 15 24 38 61  
 Same slope ←

$A^{5.2}$   $A^{3.0}$   $A^{3.0}$   $A^{1.2}$   $A^{1.0}$   $A^{1.1}$   $A^{5.9}$   $A^{5.7}$   $A^{1.4}$   $A^{2.1}$   $A^{2.6}$   
 6.7 8.9 8.9 5.7 5.9 5.8 6.0 6.2 10.5 9.8 9.3  
 35 27 22 15 10 10 15 25 34 50

$A^{6.1}$   $A^{6.9}$   
 5.8 5.0  
 43 61

$A^{2.9}$   
 9.0  
 61

$A^{1.8}$   $A^{1.6}$   $A^{1.4}$   $A^{1.6}$   $A^{6.9}$   $A^{6.9}$   $A^{1.8}$   $A^{1.6}$   $A^{2.5}$   $A^{2.0}$   $A^{2.3}$   
 5.14 5.28 5.48 5.3 5.0 5.0 5.1 5.3 9.4 9.9 9.6  
 61 50 35 19 9 10 15 22 25 42  
 Conc

$A^{2.8}$   
 9.1  
 61

$A^{1.6}$   $A^{1.5}$   $A^{5.7}$   $A^{5.7}$   $A^{7.9}$   $A^{7.8}$   $A^{7.8}$   $A^{7.7}$   $A^{7.5}$   $A^{1.6}$   $A^{1.5}$   $A^{5.2}$   
 5.3 5.4 6.2 6.2 4.0 4.1 4.1 4.2 4.4 2.3 2.4 6.7  
 41 26 22 20 14 9 10 15 22 24 30

$A^{1.8}$   
 5.1  
 61

$A^{5.2}$   $A^{1.9}$   
 6.7 7.0  
 61 44



Sta +  $\pi$  - Elev.

951.86

99

✓

T.P. 13.28 960.02 5.13 946.73 (946.74)

+50

✓

100

✓

FK  
WM  
LPD  
WJ

Lt.

Sept. 26, 1967  
Sept. 27, 1967

71

✓  
A8.7 A8.3 A7.2 A7.1 A8.9 A8.6 A8.7 A8.6 A8.3 A8.1 A8.2 A8.3  
32 36 47 48 30 33 32 33 36 38 37 36  
35 23 19 18 13 9 10 18 35 49 61

50.6 51.2  
1.3 0.7  
48 61

✓  
50.3 A8.2 A8.2 A7.5 A9.3 A9.4 A9.3 A9.0 A7.7 A8.2  
9.7 11.8 11.8 10.5 10.7 10.6 10.7 11.0 12.3 11.8  
26 20 18 14 10 10 14 20 32

52.6 54.9 55.0  
7.4 5.1 5.0  
39 51 61

19.3 A8.9  
10.7 11.1  
61 47

✓  
54.8 A9.3 A9.2 50.1 50.1 50.3 50.2 50.0 A9.0 A9.2  
5.2 10.7 10.8 9.9 9.9 9.7 9.8 10.0 11.0 10.8  
31 21 19 16 10 10 16 23 39

57.4 57.9  
2.6 2.1  
51 61

19.6  
10.4  
61

Sta +  $\pi$  - Elev

960.02

100+42

✓

+67

✓

+77

+87

Sept. 27, 1967

72

Lt

Rt

Rt

| 51.3 | 50.1 | 50.2 | 50.9 | 50.8 | 50.9 | 50.9 | 50.7 | 50.0 | 50.0 | 19.9 |
|------|------|------|------|------|------|------|------|------|------|------|
| 2.7  | 9.9  | 9.8  | 9.1  | 9.2  | 9.1  | 9.1  | 9.3  | 10.0 | 10.0 | 10.1 |
| 32   | 22   | 19   | 15   | 10   |      | 10   | 15   | 25   | 39   | 61   |

| 51.7 | 51.9 |
|------|------|
| 2.3  | 2.1  |
| 47   | 61   |

| 52.0 | 51.0 | 51.1 | 51.7 | 51.8 | 51.3 | 51.4 | 51.3 | 51.2 | 50.2 | 50.4 | 50.4 |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 8.0  | 9.0  | 8.9  | 8.3  | 8.2  | 8.7  | 8.6  | 8.7  | 8.8  | 9.8  | 9.6  | 9.6  |
| 24   | 21   | 20   | 18   | 16   | 10   |      | 10   | 19   | 31   | 49   | 61   |

| 56.7 | 58.2 | 58.4 |
|------|------|------|
| 3.3  | 1.8  | 1.6  |
| 32   | 47   | 61   |

| 55.4 | 53.5 | 52.2 | 51.5 | 51.5 | 51.5 | 51.3 | 50.5 | 50.6 | 50.6 |
|------|------|------|------|------|------|------|------|------|------|
| 4.6  | 6.5  | 7.8  | 8.5  | 8.5  | 8.5  | 8.7  | 9.5  | 9.4  | 9.4  |
| 61   | 41   | 22   | 10   |      | 10   | 21   | 29   | 46   | 61   |

| 55.3 | 53.4 | 52.4 | 51.6 | 51.7 | 51.6 | 51.5 | 50.5 | 50.6 |
|------|------|------|------|------|------|------|------|------|
| 4.7  | 6.4  | 7.6  | 8.4  | 8.3  | 8.4  | 8.5  | 9.5  | 9.4  |
| 61   | 42   | 22   | 10   |      | 10   | 23   | 40   | 61   |



| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

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|--|--|--------|--|--|
|  |  | 960.02 |  |  |
|--|--|--------|--|--|

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| 101+00 |  |  |  |  |
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|---|--|--|--|--|
| ✓ |  |  |  |  |
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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|------|------|--------|------|--------|
| T.P. | 2.71 | 959.33 | 3.40 | 956.62 |
|------|------|--------|------|--------|

Fe, Post

|     |  |  |  |  |
|-----|--|--|--|--|
| 102 |  |  |  |  |
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| +50 |  |  |  |  |
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|-----|--|--|--|--|
| +74 |  |  |  |  |
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Lt.

Sept. 27, 1967

RT

73

$57.2$   $50A$   $50.5$   $52.1$   $51.9$   $52.0$   $51.9$   $51.7$   $50.9$   $50.6$   
 2.8 9.6 9.5 7.9 8.1 8.0 8.1 8.3 9.1 9.9  
 31 20 18 15 9 10 22 41 61

$58.4$   $58.5$   
 1.6 1.5  
 54 61

$57.9$   $50.0$   $57.7$   $50.9$   $51.0$   $52.0$   $52.7$   $52.8$   $52.7$   $52.7$   $52.2$   $51.6$   $51.3$   
 2.2 2.0 2.3 9.1 9.0 7.4 7.3 7.2 7.3 7.3 7.8 8.4 8.7  
 61 48 33 22 20 15 10 10 19 33 46 61

$57.4$   $5$   $57.0$   $51.8$   $51.8$   $53A$   $53.5$   $53.0$   $53.5$   $53A$   $53.1$   $52.1$   $51.6$   
 1.9 1.8 2.3 7.5 7.5 5.9 5.8 5.7 5.8 5.9 6.2 7.2 7.7  
 61 43 31 22 21 15 10 10 20 31 47 61

$57.2$   $57.1$   $56.8$   $53.8$   $54.3$   $54.1$   $54.2$   $54.1$   $53.8$   $52.7$   $52.0$   
 2.1 2.2 2.5 5.5 5.0 5.2 5.1 5.2 5.5 6.6 7.3  
 61 44 31 23 15 10 10 20 35 61

$57.0$   $50.6$   $54.3$   $54.0$   $54.3$   $54.4$   $54.3$   $54.1$   $53.7$   $52.9$   $53.1$   $52.9$   
 2.3 2.8 5.0 5.3 5.0 4.9 5.0 5.2 5.6 6.4 6.2 6.4  
 61 43 26 17 10 10 20 29 36 48 61

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
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|  |  | 959.33 |  |  |
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| 102+80 |  |  |  |  |
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| 103 |  |  |  |  |
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| +06 |  |  |  |  |
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| +50 |  |  |  |  |
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| 104 |  |  |  |  |
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|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

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|----|------|--------|------|--------|
| BM | 1.17 | 958.91 | 1.59 | 957.74 |
|----|------|--------|------|--------|

Sept. 22, 1967

Lt.

£

Rt.

74

✓  
 5A.0 5A.0 53.8 5A.4 5A.4 5A.3 5A.2 52.9 53.4 53.2  
 5.3 5.3 5.5 4.9 4.9 5.0 5.1 6.4 5.9 6.1  
 61 49 29 10 10 20 35 46 61

✓  
 5A.0 53.8 53.8 5A.5 5A.5 5A.4 5A.5 53.8 53.4 5A.2 5A.1  
 5.3 5.5 5.5 4.8 4.8 4.9 4.8 5.5 5.7 5.1 5.2  
 61 43 23 10 9 20 26 34 48 61

✓  
 56.1 55.8 5A.4 5A.7 53.7 5A.5 5A.6 5A.5 5A.4 53.9 5A.3 5A.3  
 3.2 3.5 3.9 4.6 5.6 4.8 4.7 4.8 4.9 5.4 5.0 5.0  
 61 53 40 28 22 10 9 21 34 51 61

✓  
 55.7 55.6 5A.6 53.6 53.7 5A.7 5A.7 5A.8 5A.7 5A.2 5A.2 5A.4  
 3.6 3.7 4.7 5.7 5.6 4.6 4.6 4.5 4.6 5.1 5.1 4.9  
 61 42 29 21 19 15 10 10 23 38 61

55.0 55.0 5A.6 53.9 5A.8 5A.7 5A.8 5A.7 5A.8 53.9 5A.1 5A.4  
 4.3 4.3 4.7 5.4 4.5 4.6 4.5 4.6 4.5 5.4 5.2 4.9  
 61 43 26 20 16 10 10 18 23 31 41

5A.6  
 4.7  
 61

Top Hyd N.W. Corner Dell St.



Sta +  $\pi$  - Elev.

958.91

104+50

105

+50

106

+50

107

BM 4.32 955.69 7.56 951.35 951.37

Lt

Sept. 23, 1967 Rt 75

<sup>5A.3</sup> 4.6 <sup>5A.3</sup> 4.6 <sup>5A.1</sup> 4.8 <sup>53.4</sup> 5.5 <sup>53.4</sup> 5.5 <sup>5A.6</sup> 4.4 <sup>5A.6</sup> 4.3 <sup>5A.7</sup> 4.2 <sup>5A.7</sup> 4.2 <sup>5A.4</sup> 4.5 <sup>5A.6</sup> 4.4 <sup>5A.7</sup> 4.2  
 61 44 30 22 20 16 10 10 21 38 61

<sup>53.3</sup> 5.6 <sup>53.3</sup> 5.6 <sup>53.1</sup> 5.8 <sup>52.6</sup> 6.3 <sup>54.2</sup> 4.7 <sup>5A.4</sup> 4.5 <sup>5A.3</sup> 4.4 <sup>5A.6</sup> 4.4 <sup>5A.1</sup> 4.8 <sup>54.9</sup> 4.6 <sup>5A.7</sup> 4.19 <sup>5A.9</sup> 4.03 <sup>55.7</sup> 3.72  
 61 52 36 22 17 10 10 23 30 33 42 61

Wait

<sup>52.9</sup> 6.04 <sup>52.9</sup> 5.98 <sup>53.16</sup> 5.75 <sup>53.0</sup> 5.9 <sup>53.9</sup> 5.0 <sup>5A.0</sup> 4.9 <sup>5A.2</sup> 4.7 <sup>5A.1</sup> 4.8 <sup>5A.0</sup> 4.9 <sup>53.3</sup> 5.6 <sup>5A.1</sup> 4.8 <sup>5A.7</sup> 4.2 <sup>55.1</sup> 3.8  
 61 51 37 34 16 10 10 19 25 31 45 61

Conc

<sup>51.3</sup> 7.6 <sup>51.4</sup> 7.5 <sup>52.1</sup> 6.8 <sup>53.1</sup> 5.8 <sup>53.5</sup> 5.4 <sup>53.6</sup> 5.3 <sup>53.6</sup> 5.3 <sup>53.6</sup> 5.3 <sup>53.0</sup> 5.9 <sup>53.8</sup> 5.1 <sup>5A.2</sup> 4.7 <sup>5A.7</sup> 4.2  
 61 50 32 16 10 10 18 23 31 44 61

<sup>51.9</sup> 6.97 <sup>51.5</sup> 7.4 <sup>51.3</sup> 7.6 <sup>50.6</sup> 8.3 <sup>52.5</sup> 6.4 <sup>52.9</sup> 6.0 <sup>53.0</sup> 5.9 <sup>53.0</sup> 5.9 <sup>53.0</sup> 5.9 <sup>51.3</sup> 7.6 <sup>51.4</sup> 7.5 <sup>51.6</sup> 7.3  
 52 52 43 24 16 10 10 19 26 42 61

Walk

<sup>50.9</sup> 8.0 <sup>50.4</sup> 8.5 <sup>49.6</sup> 9.3 <sup>49.7</sup> 9.2 <sup>52.1</sup> 6.8 <sup>52.2</sup> 6.7 <sup>52.3</sup> 6.6 <sup>52.3</sup> 6.6 <sup>52.2</sup> 6.7 <sup>51.3</sup> 7.6 <sup>51.5</sup> 7.4 <sup>51.2</sup> 7.7 <sup>51.4</sup> 7.5  
 42 30 25 22 15 10 10 19 26 33 47 61

<sup>51.2</sup> 7.7 <sup>51.5</sup> 7.38  
 52 52  
 Walk

Sta      +       $\pi$       -      Elev

955.69

107+30

BM      6.46      955.69      6.46      949.23      <sup>?</sup>  
949.28

✓  
  
+50

✓  
  
+63      Low Area Lt

Lt

Sept. 27, 1967

Rt 76

✓

| 50.1 | 49.9 | 50.1 | 51.2 | 51.7 | 51.9 | 51.9 | 51.7 | 49.2 | 49.1 | 50.6 |
|------|------|------|------|------|------|------|------|------|------|------|
| 56   | 58   | 53   | 45   | 40   | 38   | 38   | 40   | 65   | 66   | 51   |
| 30   | 24   | 18   | 16   | 10   |      | 10   | 18   | 24   | 26   | 32   |

Top Iron Monument Ctr. Co Rd "E"

| 50.3 | 50.4 | 50.5 |
|------|------|------|
| 52   | 51   | 52   |
| 34   | 53   | 61   |

| 51.3 | 50.9 | 50.7 |
|------|------|------|
| 44   | 48   | 50   |
| 61   | 49   | 39   |

✓

| 50.1 | 50.2 | 50.9 | 51.4 | 51.7 | 51.6 | 51.3 | 49.2 | 49.2 |
|------|------|------|------|------|------|------|------|------|
| 56   | 55   | 48   | 43   | 40   | 42   | 44   | 65   | 65   |
| 61   | 36   | 22   | 10   |      | 10   | 18   | 24   | 26   |

| 51.2 | 50.5 | 50.3 |
|------|------|------|
| 45   | 52   | 54   |
| 61   | 41   | 32   |

✓

| 49.5 | 49.5 | 49.4 | 50.3 | 51.3 | 51.4 | 51.3 | 51.1 | 49.1 | 49.1 |
|------|------|------|------|------|------|------|------|------|------|
| 62   | 62   | 63   | 54   | 44   | 43   | 44   | 46   | 66   | 66   |
| 61   | 42   | 33   | 21   | 10   |      | 10   | 18   | 24   | 26   |

| 51.0 | 50.7 | 50.4 | 50.4 |
|------|------|------|------|
| 47   | 50   | 53   | 53   |
| 61   | 54   | 41   | 33   |



Sta +  $\pi$  - Elev

955.69

107+79

✓

108

✓

+21

✓

Lt.

Sept. 27, 1967

77

Rt

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 19.9 | 50.1 | 50.3 | 50.4 | 50.8 | 51.0 | 51.2 | 51.0 | 50.9 | 49.1 | 49.1 | 50.2 |
| 58   | 56   | 54   | 53   | 49   | 47   | 45   | 47   | 48   | 66   | 66   | 55   |
| 61   | 49   | 37   | 26   | 13   | 10   |      | 10   | 18   | 24   | 27   | 34   |

Conc

50.9  
48  
61

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 50.0 | 50.1 | 50.1 | 50.2 | 50.5 | 50.8 | 50.9 | 50.7 | 50.6 | 48.9 | 48.9 | 50.2 |
| 5.74 | 5.56 | 5.64 | 5.50 | 5.23 | 4.9  | 4.8  | 5.0  | 5.1  | 6.8  | 6.8  | 5.5  |
| 61   | 33   | 43   | 27   | 16   | 10   |      | 10   | 19   | 24   | 26   | 30   |

Conc

50.6 50.4  
5.1 5.3  
61 43

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 49.9 | 49.9 | 47.4 | 47.5 | 50.1 | 50.4 | 50.6 | 50.4 | 50.5 | 48.2 | 48.4 | 50.0 |
| 5.75 | 5.8  | 8.3  | 8.2  | 5.6  | 5.3  | 5.1  | 5.3  | 5.2  | 7.5  | 7.3  | 5.7  |
| 35   | 34   | 27   | 23   | 17   | 10   |      | 10   | 18   | 24   | 26   | 32   |

Conc

|      |      |      |
|------|------|------|
| 49.9 | 50.3 | 49.8 |
| 5.82 | 5.36 | 5.90 |
| 47   | 47   | 49.5 |
| 61   |      | 61   |

Conc Island

50.3 50.3  
5.4 5.4  
61 45

Sta +  $\pi$  - Elev.

955.69

108+50

✓

+71 Property Line

✓

+61<sup>t</sup> MH 23' Rt 6.39

+79 Ditch Line

✓

Sept. 27, 1967

78

Lt.

L

Rt

|      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| A9.5 | A9.6 | A9.7 | A9.7 | A9.9 | 50.0 | 50.1 | 50.0 | A9.9 | A7.6 | A6.9 | A7.6 | A9.9 |
| 6.23 | 6.07 | 5.95 | 5.96 | 5.84 | 5.7  | 5.6  | 5.7  | 5.8  | 8.1  | 8.25 | 8.1  | 5.8  |
| 61   | 49   | 33   | 22   | 13   | 10   |      | 10   | 18   | 24   | 35   | 26   | 34   |

Conc

FL 18"CM

50.0 50.0  
5.5 5.7  
61 47

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| A9.3 | A8.1 | A8.4 | A9.5 | A9.6 | A9.9 | 50.0 | A9.8 | A9.5 | A9.6 | A9.6 | A9.6 |
| 6.35 | 7.6  | 7.3  | 6.2  | 6.1  | 5.8  | 5.7  | 5.9  | 6.2  | 6.1  | 6.1  | 6.1  |
| 50   | 36   | 32   | 27   | 20   | 10   |      | 10   | 21   | 30   | 43   | 61   |

Conc

|      |      |      |      |
|------|------|------|------|
| A9.3 | A9.1 | A9.0 | A8.8 |
| 6.42 | 6.62 | 6.73 | 6.89 |
| 69   | 89   | 110  | 140  |

Conc

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A6.5 | A7.7 | A9.5 | A9.4 | A9.8 | A9.9 | A9.7 | A9.4 | A9.4 | A9.2 | A7.1 |
| 9.20 | 8.0  | 6.2  | 6.3  | 5.9  | 5.8  | 6.0  | 6.3  | 6.3  | 6.5  | 8.63 |
| 46   | 40   | 31   | 26   | 12   |      | 12   | 27   | 38   | 49   | 52   |

FL 18"CM

FL 18"CM

|      |      |
|------|------|
| A8.9 | A8.9 |
| 6.8  | 6.8  |
| 49   | 61   |

|      |      |
|------|------|
| A7.4 | A7.2 |
| 8.3  | 8.5  |
| 61   | 58   |



Sta      +       $\pi$       -      Elev.

955.69

108+85 Shoulder Line

+94 Edge Conc Line

BM      1.35      953.62      3.42      952.27

109      4.2

+03<sup>±</sup> "C.R.D.E"

+13 Edge Conc. Line

+21 Shoulder Line

+30 Ditch Line

Sept. 23, 1967

79

41.

RT

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| A8.8 | A8.8 | A9.3 | A9.6 | A9.7 | A9.6 | A9.2 | A9.1 | A9.0 |
| 6.9  | 6.9  | 6.4  | 6.1  | 6.0  | 6.1  | 6.5  | 6.6  | 6.7  |
| 61   | 47   | 35   | 16   |      | 17   | 37   | 51   | 61   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| A9.0 | A9.2 | A9.5 | A9.5 | A9.3 | A9.3 | A9.3 |
| 6.7  | 6.5  | 6.2  | 6.2  | 6.4  | 6.4  | 6.4  |
| 61   | 47   | 28   |      | 26   | 40   | 61   |

Top Hyd NE Corner Co Rd E

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| A9.3 | A9.3 | A9.4 | A9.4 | A9.4 | A9.4 | A9.5 | A9.5 |
| 4.3  | 4.3  | 4.2  | 4.2  | 4.2  | 4.2  | 4.1  | 4.1  |
| 61   | 48   | 29   | 11   |      | 10   | 29   | 48   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A9.1 | A9.1 | A9.2 | A9.2 | A9.1 | A9.2 | A9.1 | A9.2 | A9.2 | A9.3 |
| 4.5  | 4.5  | 4.4  | 4.4  | 4.5  | 4.4  | 4.5  | 4.4  | 4.4  | 4.3  |
| 61   | 51   | 38   | 25   | 10   |      | 9    | 26   | 42   | 61   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| A8.7 | A9.0 | A9.1 | A9.0 | A9.0 | A9.0 | A9.0 | A9.1 | A9.3 |
| 4.9  | 4.6  | 4.5  | 4.6  | 4.6  | 4.6  | 4.6  | 4.5  | 4.3  |
| 61   | 46   | 26   | 10   |      | 10   | 26   | 42   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| A6.2 | A6.7 | A8.5 | A9.0 | A8.9 | A8.9 | A8.9 | A8.8 | A8.8 | A9.0 | A8.7 | A6.9 |
| 7.37 | 6.9  | 51   | 4.6  | 4.7  | 4.7  | 4.7  | 4.8  | 4.8  | 4.6  | 4.9  | 6.76 |
| 59   | 61   | 53   | 39   | 26   | 11   |      | 12   | 24   | 39   | 54   | 58   |

FLC only  
15"

FLC only

A7.0  
6.6  
61

Sta +  $\pi$  - Elev.

953.62

109+45 Property Line

✓

+53 MH 27' RT 5.38

+62

✓

+82

✓

BM 0.36 952.63 1.35 952.27

Sept. 27, 1967

Lt.

✓

Rt

80

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 48.9 | 48.9 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.5 | 48.9 | 48.1 | 48.9 |
| 4.7  | 4.7  | 4.96 | 5.0  | 5.0  | 4.9  | 4.9  | 5.1  | 4.7  | 5.5  | 4.7  |
| 61   | 39   | 28   | 21   | 10   |      | 10   | 16   | 20   | 27   | 32   |
|      |      | MH   |      |      |      |      |      |      |      |      |

|      |      |
|------|------|
| 49.5 | 49.1 |
| 4.1  | 4.5  |
| 61   | 43   |

|      |      |      |      |      |      |      |      |          |
|------|------|------|------|------|------|------|------|----------|
| 49.1 | 48.8 | 48.5 | 48.4 | 48.6 | 48.5 | 48.2 | 46.1 | 45.2     |
| 4.5  | 4.8  | 5.1  | 5.2  | 5.0  | 5.1  | 5.4  | 7.5  | 8.39     |
| 61   | 33   | 16   | 10   |      | 10   | 18   | 25   | 26       |
|      |      |      |      |      |      |      |      | FL 243CP |

|      |      |      |
|------|------|------|
| 49.0 | 48.8 | 46.3 |
| 4.6  | 4.8  | 7.3  |
| 61   | 42   | 31   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 48.4 | 45.2 | 45.2 | 47.4 | 48.1 | 48.3 | 48.2 | 47.5 | 47.4 | 45.8 | 45.6 |
| 5.2  | 8.4  | 8.4  | 6.2  | 5.5  | 5.3  | 5.4  | 6.1  | 6.2  | 7.8  | 8.0  |
| 38   | 27   | 24   | 19   | 10   |      | 10   | 16   | 20   | 26   | 30   |

|      |
|------|
| 48.9 |
| 4.7  |
| 61   |

|      |      |
|------|------|
| 48.4 | 48.1 |
| 5.2  | 5.5  |
| 61   | 39   |

Top Hyd NE Corner Co Rd "E"



Sta +  $\pi$  - Elev

952.63

110+00

✓

+29

+59

+73

✓

Sept. 27, 1967

17

✓

RT

81

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A7.7 | AA.7 | A1.6 | A7.0 | A7.8 | A8.1 | A7.9 | A7.7 | A7.8 | A7.9 |
| 49   | 79   | 80   | 56   | 48   | 45   | 47   | 49   | 48   | 47   |
| 35   | 28   | 26   | 20   | 10   |      | 10   | 24   | 39   | 61   |



|      |      |
|------|------|
| A8.1 | A8.A |
| 4.5  | 4.2  |
| 43   | 61   |

|      |      |     |      |      |      |      |      |      |
|------|------|-----|------|------|------|------|------|------|
| A8.0 | A7.5 | A   | A7.A | A7.7 | A7.6 | A7.0 | A6.8 | A7.2 |
| 4.6  | 5.1  | 5.2 | 5.2  | 49   | 5.1  | 5.6  | 5.8  | 5.4  |
| 61   | 37   | 24  | 10   |      | 10   | 26   | 43   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A7.8 | A7.A | A6.9 | A7.1 | A7.A | A7.3 | A6.9 | AA.6 | AA.7 | A7.6 | A7.9 |
| 4.8  | 5.2  | 5.7  | 5.5  | 5.2  | 5.3  | 5.7  | 8.1  | 7.9  | 5.1  | 4.7  |
| 61   | 42   | 23   | 10   |      | 10   | 16   | 24   | 31   | 43   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| A6.9 | AA.2 | AA.1 | A6.6 | A6.5 | A7.0 | A7.3 | A7.2 | A6.6 | A7.0 | AA.3 | A7.A | A8.1 |
| 5.7  | 8.4  | 8.5  | 6.1  | 6.1  | 5.6  | 5.3  | 5.4  | 6.0  | 8.6  | 8.3  | 5.2  | 4.5  |
| 33   | 28   | 27   | 20   | 16   | 10   |      | 10   | 17   | 23   | 30   | 42   | 61   |



|      |      |
|------|------|
| A7.A | A7.7 |
| 5.2  | 4.9  |
| 49   | 69   |

Sta            +             $\pi$             -            E/ev.

952.63

111+00

✓

+40

✓

+67 Gutter Line Lt

+72 Apron 25' Rt            903

✓

Sept. 27, 1967

82

11

✓

RT.

|      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 47.0 | 45.8 | 43.8 | 46.2 | 46.3 | 46.8 | 47.1 | 47.0 | 46.6 | 44.4 | 43.9 | 47.6 | 48.0 |
| 56   | 88   | 88   | 64   | 63   | 58   | 55   | 56   | 60   | 82   | 87   | 50   | 46   |
| 35   | 30   | 27   | 23   | 18   | 10   |      | 10   | 14   | 23   | 29   | 42   | 61   |

→ 47.4  
5.2 4.7  
48 61

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 47.0 | 46.8 | 46.3 | 46.0 | 46.8 | 46.9 | 46.7 | 46.3 | 43.8 | 43.7 |
| 56   | 58   | 63   | 66   | 58   | 57   | 59   | 63   | 88   | 8.9  |
| 61   | 50   | 38   | 22   | 61   |      | 10   | 16   | 23   | 30   |

47.8  
4.8 47.3  
61 5.3  
42

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 45.7 | 46.0 | 46.3 | 46.5 | 46.8 | 46.6 | 46.3 | 44.0 | 43.8 | 46.8 |
| 69   | 66   | 63   | 61   | 58   | 60   | 63   | 86   | 8.8  | 58   |
| 61   | 41   | 25   | 10   |      | 10   | 17   | 23   | 31   | 43   |

47.2  
5.4  
61



Sta +  $\pi$  - Elev.

952.63

111+80  $\neq$  Lt.

+94 Gutter Line Lt.

+86 M.H. 33 Rt 6.84

✓  
112

BM 2.33 951.03 3.93 948.70

Top Hyd NE.

Cor. Spruce Place

948.78

✓  
+24 Shoulder Line Rt

+37 Ditch Line Rt

✓

FX  
WM  
LPD

Lt.

Sept. 27, 1967  
Oct. 2, 1967 RT

83

✓  
Ab.1 Ab.3 Ab.4 Ab.5 Ab.5 Ab.7 Ab.5 Ab.1 Ab.5 Ab.4 Ab.1  
6.5 6.3 6.2 6.0 6.1 5.9 6.1 6.5 7.0 7.2 6.5  
61 39 30 21 10 10 19 34 44 61

✓  
Ab.5 Ab.0 Ab.5 Ab.5 Ab.4 Ab.8 Ab.6 Ab.5 Ab.3 Ab.3 Ab.2  
7.1 6.6 6.13 6.1 6.0 5.8 6.0 6.1 6.28 6.3 6.4  
61 43 30 24 10 10 20 25 43 61  
MH MH

✓  
Ab.2 Ab.1 Ab.3 Ab.0 Ab.4 Ab.5 Ab.8 Ab.7 Ab.6 Ab.5 Ab.4  
6.4 6.50 6.3 6.6 6.2 6.1 5.8 5.9 6.0 6.1 6.2  
61 55.44 34 23 10 10 23.39 61  
MH

✓  
Ab.8 Ab.8 Ab.1 Ab.4 Ab.8 Ab.7 Ab.5 Ab.3 Ab.0  
5.2 5.2 4.9 4.6 4.2 4.3 4.5 4.7 5.0  
61 40 20 10 10 24 38 61

✓  
Ab.1 Ab.9 Ab.1 Ab.4 Ab.7 Ab.6 Ab.4 Ab.3 Ab.2  
4.9 5.1 4.9 4.6 4.3 4.4 4.6 7.7 7.78  
61 38 19 10 10 17 26 26

Conc. Approx.

Ab.2 Ab.2 Ab.9  
6.8 6.8 7.1  
61 54 39

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 951.03 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 112+57 |  |  |  |  |
|--------|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 113 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

Oct. 2, 1967

84

Lt.

BT

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 12.A | 12.5 | 16.0 | 16.4 | 16.7 | 16.5 | 16.A | 13.9 | 13.8 |
| 8.56 | 8.5  | 5.0  | 4.6  | 4.3  | 4.5  | 4.6  | 7.1  | 7.2  |
| 30   | 30   | 19   | 10   |      | 10   | 15   | 23   | 27   |

Croc Apron

→ 44.4 15.8  
6.6 5.2  
44 61

16.9 16.2  
4.1 4.8  
61 42

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 15.1 | 13.2 | 13.2 | 16.1 | 16.4 | 16.7 | 16.5 | 16.5 | 11.4 | 11.4 | 16.9 |
| 5.9  | 7.8  | 7.8  | 4.9  | 4.6  | 4.3  | 4.5  | 4.5  | 6.6  | 6.6  | 4.1  |
| 44   | 31   | 28   | 20   | 10   |      | 10   | 15   | 23   | 26   | 41   |

→ 15.8  
5.2  
61

17.5  
3.5  
61

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 15.3 | 13.2 | 13.4 | 15.8 | 16.6 | 16.8 | 16.7 | 16.7 | 14.8 | 14.7 |
| 5.7  | 7.8  | 7.6  | 5.3  | 4.4  | 4.2  | 4.3  | 4.3  | 6.2  | 6.3  |
| 51   | 34   | 27   | 18   | 10   |      | 10   | 15   | 22   | 25   |

→ 16.1  
4.9  
61

18.3 17.7  
2.7 3.3  
61 44



| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 951.03 |  |  |
|--|--|--------|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 114 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 115 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 6.93 | 952.35 | 5.61 | 945.42 |
|------|------|--------|------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |           |  |      |  |
|-----|-----------|--|------|--|
| +71 | MH 32' Rt |  | 3.46 |  |
|-----|-----------|--|------|--|

|     |           |  |      |  |
|-----|-----------|--|------|--|
| +79 | MH 19' Lt |  | 4.99 |  |
|-----|-----------|--|------|--|

Lt.

Oct. 2, 1967

Rt

85

| 4.0 | 4.6 | 7.6 | 7.7 | 5.0 | 4.2 | 4.0 | 4.2 | 4.2 | 3.9 | 3.4 | 3.1 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 61  | 51  | 36  | 26  | 17  | 10  | 10  | 19  | 35  | 50  | 61  |     |

| 4.1 | 6.7 | 7.5 | 4.3 | 3.9 | 3.7 | 3.9 | 4.2 | 5.7 | 5.6 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 50  | 30  | 27  | 18  | 10  |     | 10  | 16  | 23  | 26  |

3.4  
61

2.0  
61

| 4.2 | 6.0 | 5.7 | 4.2 | 3.5 | 3.3 | 3.4 | 3.5 | 5.1 | 5.1 | 2.3 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 42  | 31  | 23  | 18  | 10  |     | 10  | 16  | 22  | 25  | 42  |

3.2  
61

0.9  
61

| 3.4 | 3.9 | 4.5 | 5.6 | 4.5 | 4.5 | 4.2 | 4.4 | 3.7 | 2.8 | 2.3 | 1.89 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 61  | 48  | 3.5 | 27  | 19  | 10  |     | 10  | 24  | 39  | 44  | 61   |

Conc

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 952.35 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 116+00 |  |  |  |  |
|--------|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 117 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |      |        |      |        |        |
|----|------|--------|------|--------|--------|
| BM | 2.42 | 954.28 | 0.49 | 951.86 | 951.96 |
|----|------|--------|------|--------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

14

Oct. 2, 1967

BT

86

$\begin{matrix} A8.0 & A5.7 & A5.7 & A7.3 & A8.2 & A8.5 & A8.3 & A8.4 & A7.1 & 50.3 & 50.7 \\ 44 & 67 & 67 & 51 & 42 & 39 & 41 & 40 & 53 & 21 & 17 \\ 36 & 29 & 25 & 17 & 10 & & 10 & 16 & 23 & 42 & 52 \end{matrix}$

$\begin{matrix} A8.6 & A9.1 \\ 38 & 33 \\ 46 & 61 \end{matrix}$

$\begin{matrix} 50.9 \\ 15 \\ 61 \end{matrix}$

$\begin{matrix} A8.8 & A8.7 & A8.1 & A6.1 & A6.3 & A8.2 & A8.5 & A8.8 & A8.7 & A9.4 & 50.6 & 51.7 \\ 36 & 37 & 43 & 64 & 61 & 42 & 39 & 36 & 37 & 30 & 18 & 0.7 \\ 61 & 48 & 34 & 28 & 25 & 18 & 10 & & 10 & 24 & 40 & 61 \end{matrix}$

$\begin{matrix} A7.9 & A6.8 & A6.6 & A8.6 & A8.9 & A9.2 & A9.0 & A9.9 & A7.6 & A7.4 & 51.2 \\ 45 & 56 & 58 & 38 & 35 & 32 & 34 & 35 & 48 & 50 & 12 \\ 35 & 30 & 25 & 18 & 10 & & 10 & 14 & 21 & 23 & 42 \end{matrix}$

$\begin{matrix} A7.6 & A7.8 \\ 48 & 46 \\ 42 & 61 \end{matrix}$

$\begin{matrix} 51.7 \\ 0.7 \\ 61 \end{matrix}$

Top Hyd Between 3670 + 3664 White Bear Ave.

$\begin{matrix} A8.1 & A6.7 & A7.1 & A8.7 & A9.3 & A9.3 & A9.3 & A9.1 & A7.9 & A7.8 & A9.9 \\ 62 & 76 & 72 & 56 & 50 & 48 & 50 & 52 & 64 & 65 & 44 \\ 40 & 30 & 22 & 17 & 10 & & 10 & 15 & 21 & 23 & 32 \end{matrix}$

$\begin{matrix} A8.5 \\ 58 \\ 61 \end{matrix}$

$\begin{matrix} 51.9 & 52.3 \\ 24 & 23 \\ 61 & 45 \end{matrix}$



Sta +  $\pi$  - Elev.

954.28

118+00

✓

+50

✓

+92 Ditch Left

+190 Look Like 6" Drop into

40' Lt Dry Well and 6.8  
64

Oct. 2, 1967

87

LT

X

RT

| A7.8 | A7.6 | A7.3 | A9.1 | A9.6 | A9.9 | A9.7 | A9.5 | A8.4 | A8.2 | 50.0 |
|------|------|------|------|------|------|------|------|------|------|------|
| 65   | 68   | 70   | 52   | 47   | 44   | 46   | 48   | 59   | 61   | 43   |
| 48   | 35   | 24   | 16   | 10   |      | 10   | 15   | 21   | 24   | 32   |

A7.9  
6.4  
61

52.7 52.2  
1.60 2.12  
61 39  
walk

| A8.6 | A8.0 | A6.9 | A9.5 | A9.9 | 50.1 | 50.0 | A9.7 | A8.4 | A8.4 |
|------|------|------|------|------|------|------|------|------|------|
| 5.7  | 6.3  | 7.4  | 4.8  | 4.4  | 4.2  | 4.3  | 4.6  | 5.9  | 5.9  |
| 61   | 43   | 25   | 17   | 10   |      | 10   | 15   | 22   | 25   |

52.1 51.6 A9.9  
2.2 2.7 4.4  
61 43 33

| A7.4 | A7.1 | A7.7 | A9.5 | 50.2 | 50.4 | 50.3 | 50.2 | A8.4 | A8.5 |
|------|------|------|------|------|------|------|------|------|------|
| 6.9  | 7.2  | 6.6  | 4.8  | 4.1  | 3.9  | 4.0  | 4.1  | 5.9  | 5.8  |
| 57   | 38   | 25   | 18   | 10   |      | 10   | 16   | 21   | 24   |

A7.5 A7.4 A7.7  
6.8 6.9 6.6  
61 83 110

51.4 50.6 A9.4  
2.9 3.7 4.9  
61 40 28

Sta +  $\pi$  - Elev.

954.28

119+05 Edge Road Right

Q

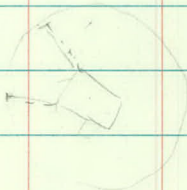
✓

✓

+18 E Ronald

+37 Gutter Line

✓



+49

✓

BM 2.91 955.87 1.32 952.96

Oct. 2, 1967

88

LT

RT

<sup>49.7</sup> 4.6 36 <sup>47.8</sup> 6.5 26 <sup>47.9</sup> 6.4 24 <sup>49.5</sup> 4.8 18 <sup>50.2</sup> 4.1 10 <sup>50.5</sup> 3.8 10 <sup>50.4</sup> 3.9 10 <sup>50.3</sup> 4.0 26 <sup>50.7</sup> 3.6 42 <sup>50.7</sup> 3.6 61

<sup>49.7</sup> 4.6 49 <sup>49.8</sup> 4.5 61

<sup>50.1</sup> 4.2 61 <sup>49.9</sup> 4.4 37 <sup>48.0</sup> 6.3 26 <sup>48.0</sup> 6.3 24 <sup>49.6</sup> 4.7 18 <sup>50.3</sup> 4.0 10 <sup>50.5</sup> 3.8 10 <sup>50.5</sup> 3.8 10 <sup>50.5</sup> 3.8 25 <sup>50.8</sup> 3.5 41 <sup>50.8</sup> 3.5 61

<sup>48.0</sup> 6.3 27 <sup>47.7</sup> 6.55 23 <sup>47.9</sup> 6.4 23 <sup>49.6</sup> 4.7 18 <sup>50.4</sup> 3.9 10 <sup>50.6</sup> 3.7 10 <sup>50.4</sup> 3.9 10 <sup>50.1</sup> 4.2 22 <sup>49.5</sup> 4.77 27 <sup>50.0</sup> 4.3 35

MH

MH

<sup>49.9</sup> 4.4 36 <sup>50.1</sup> 4.2 45 <sup>50.1</sup> 4.2 61

<sup>50.0</sup> 4.3 61 <sup>49.9</sup> 4.4 47

<sup>50.2</sup> 4.1 45 <sup>50.0</sup> 4.3 35 <sup>48.0</sup> 6.3 27 <sup>48.0</sup> 6.3 24 <sup>50.0</sup> 4.3 18 <sup>50.5</sup> 3.8 10 <sup>50.7</sup> 3.6 10 <sup>50.5</sup> 3.8 10 <sup>50.3</sup> 4.0 16 <sup>49.3</sup> 6.0 21 <sup>47.6</sup> 6.57 23 <sup>48.4</sup> 5.9 24

Conc. Apron

<sup>50.9</sup> 3.4 61 <sup>50.8</sup> 3.5 45 <sup>49.8</sup> 4.5 32

Top Hyd NE Corner Ronald



Sta +  $\pi$  - Elev.

955.87

119+80 Ent Lt.

✓

120

✓

+50

✓

21.

Oct 2, 1967

89

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 50.4 | 50.3 | 50.3 | 50.7 | 50.9 | 50.8 | 50.6 | 48.9 | 50.4 |
| 5.5  | 5.6  | 5.6  | 5.2  | 5.0  | 5.1  | 5.3  | 7.0  | 5.5  |
| 61   | 42   | 24   | 10   |      | 10   | 15   | 21   | 33   |

|      |      |
|------|------|
| 51.6 | 51.2 |
| 4.3  | 4.7  |
| 61   | 47   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 49.1 | 48.9 | 48.2 | 50.3 | 50.8 | 51.0 | 50.9 | 50.7 | 49.0 | 49.0 |
| 6.8  | 7.0  | 7.7  | 5.6  | 5.1  | 4.9  | 5.0  | 5.2  | 6.9  | 6.9  |
| 61   | 41   | 25   | 18   | 10   |      | 10   | 15   | 21   | 23   |

|      |      |
|------|------|
| 51.4 | 50.7 |
| 4.5  | 5.2  |
| 61   | 37   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 50.0 | 49.0 | 49.1 | 50.5 | 51.1 | 51.3 | 51.1 | 50.9 | 51.2 | 51.3 |
| 5.9  | 6.9  | 6.8  | 5.4  | 4.8  | 4.6  | 4.8  | 5.0  | 4.7  | 4.6  |
| 35   | 27   | 23   | 18   | 10   |      | 10   | 22   | 38   | 61   |

|      |      |
|------|------|
| 50.2 | 50.9 |
| 5.7  | 5.0  |
| 48   | 61   |

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 955.87 |  |  |
|--|--|--------|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 121 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 122 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

Lt

Oct. 2, 1967 90

| 52.0 | 51.3 | 50.8 | 51.4 | 51.6 | 51.4 | 51.7 | 50.0 | 50.9 |
|------|------|------|------|------|------|------|------|------|
| 3.9  | 4.6  | 5.1  | 4.5  | 4.3  | 4.5  | 4.5  | 5.9  | 5.0  |
| 61   | 44   | 24   | 10   |      | 10   | 15   | 22   | 36   |

| 51.3 | 51.1 |
|------|------|
| 4.6  | 4.8  |
| 61   | 47   |

| 51.6 | 50.2 | 50.1 | 51.2 | 51.6 | 51.8 | 51.7 | 51.3 | 50.4 | 51.2 | 51.7 |
|------|------|------|------|------|------|------|------|------|------|------|
| 4.3  | 5.7  | 5.8  | 4.7  | 4.3  | 4.1  | 4.2  | 4.6  | 5.5  | 4.7  | 4.2  |
| 35   | 27   | 24   | 19   | 10   |      | 10   | 16   | 20   | 35   | 49   |

| 51.9 | 52.7 |
|------|------|
| 4.0  | 3.8  |
| 48   | 61   |

| 51.9 |
|------|
| 4.0  |
| 61   |

| 50.7 | 50.4 | 50.1 | 51.3 | 51.9 | 52.1 | 51.9 | 51.8 | 51.9 | 52.1 | 52.1 |
|------|------|------|------|------|------|------|------|------|------|------|
| 5.2  | 5.5  | 5.8  | 4.6  | 4.0  | 3.8  | 4.0  | 4.1  | 4.00 | 3.81 | 3.6  |
| 36   | 30   | 26   | 20   | 10   |      | 10   | 20   | 28   | 44   | 61   |

Conc Ext

| 51.4 | 51.8 | 51.6 |
|------|------|------|
| 4.5  | 4.1  | 4.3  |
| 44   | 55   | 61   |



| Sta | + | x | - | Elev. |
|-----|---|---|---|-------|
|-----|---|---|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 955.87 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 122+50 |  |  |  |  |
|--------|--|--|--|--|

|     |      |        |      |        |
|-----|------|--------|------|--------|
| BM. | 2.33 | 957.02 | 1.18 | 954.69 |
|-----|------|--------|------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| 123 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |           |      |       |  |
|-----|-----------|------|-------|--|
| +52 | MH 20' LT | 6.16 | 50.86 |  |
|-----|-----------|------|-------|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 124 |  |  |  |  |
|-----|--|--|--|--|

FX  
WM  
LPD

Lt.

Oct. 2, 1967  
Oct. 3, 1967 RT

91

51.7 51.1 49.8 50.2 51.2 52.0 52.3 52.1 51.9 51.0 51.5 52.0 52.3  
42 48 61 57 47 39 36 38 40 49 44 39 36  
61 38 26 22 18 10 10 17 22 29 41 61  
Top Hyd By Ho # 3726 White Bear Avenue

50.3 50.2 51.0 52.2 52.5 52.3 52.1 51.2 51.3  
6.7 6.8 5.4 4.8 4.5 4.7 4.9 5.8 5.7  
31 22 17 10 10 16 20 24

51.2 51.4  
5.8 5.6  
54 61

52.3 51.8  
4.7 5.2  
61 32

51.3 50.5 50.6 52.1 52.5 52.7 52.6 52.6 51.3 51.5  
5.7 6.5 6.5 4.9 4.5 4.3 4.5 4.5 5.7 5.5  
33 27 23 18 10 10 16 21 27

51.8 52.2  
5.2 4.8  
50 61

53.0 52.9 52.1  
4.0 4.1 4.9  
61 53 35

51.7 51.4 51.3 52.4 52.9 53.0 52.8 52.7 51.2 51.5  
5.3 5.6 5.7 4.6 4.1 4.0 4.2 4.3 5.8 5.5  
40 28 23 19 10 10 15 21 25

52.0  
5.0  
61

53.0 52.7 52.0  
4.0 4.3 5.0  
61 47 32

Sta +  $\pi$  - Elev

957.02

124+50

✓

+95 Gutter Line

125

✓

+12  $\phi$ .

Oct. 3, 1967

Lt

Rt

92

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 51.8 | 52.0 | 52.9 | 53.2 | 53.4 | 53.2 | 53.2 | 51.9 | 51.9 |
| 52   | 5.0  | 4.1  | 3.8  | 3.6  | 3.8  | 3.8  | 5.1  | 5.1  |
| 28   | 23   | 18   | 10   |      | 10   | 15   | 20   | 26   |

|      |      |      |
|------|------|------|
| 53.1 | 53.4 | 53.4 |
| 39   | 3.6  | 3.6  |
| 35   | 50   | 61   |

|      |      |
|------|------|
| 53.0 | 52.6 |
| 4.0  | 4.4  |
| 61   | 42   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 53.8 | 53.9 | 53.7 | 53.7 | 53.5 | 53.6 | 53.4 | 52.8 | 51.9 | 51.5 |
| 32   | 3.1  | 3.3  | 3.3  | 3.5  | 3.4  | 3.6  | 4.2  | 5.11 | 5.52 |
| 61   | 53   | 29   | 21   | 10   |      | 10   | 22   | 41   | 61   |

Conc Ent

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 53.6 | 52.0 | 52.0 | 53.1 | 53.5 | 53.6 | 53.6 | 52.7 | 51.6 |
| 34   | 5.0  | 5.0  | 39   | 35   | 3.4  | 3.5  | 4.3  | 5.4  |
| 33   | 26   | 24   | 19   | 10   |      | 11   | 33   | 61   |

|      |      |
|------|------|
| 54.2 | 54.0 |
| 2.8  | 3.0  |
| 50   | 61   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 53.6 | 51.9 | 52.0 | 53.1 | 53.5 | 53.7 | 53.6 | 53.1 | 52.3 | 51.9 |
| 34   | 51   | 50   | 39   | 35   | 33   | 3.4  | 3.9  | 4.7  | 5.1  |
| 38   | 28   | 23   | 18   | 11   |      | 10   | 25   | 47   | 61   |

|      |      |
|------|------|
| 54.0 | 53.9 |
| 3.0  | 3.1  |
| 47   | 61   |



Sta +  $\pi$  - Elev,

957.02

125+31

955.94

+58

126 Bit Ent Lt

BM 2.70 958.56 1.16 955.86 955.94<sup>?</sup>

LT

Oct. 3, 1967

RI 93

52.1 52.1 53.3 53.6 53.9 53.7 52.9 52.0 51.7  
 49 49 3.7 3.4 3.1 3.3 4.1 5.0 5.3  
 29 24 19 10 10 28 49 61

53.8 54.1 54.1  
 3.2 2.9 2.9  
 41 52 61

53.9 52.1 52.3 53.5 53.9 54.1 53.9 53.6 52.7 52.8 53.2  
 3.1 4.9 4.7 3.5 3.1 2.9 3.1 3.4 4.3 4.2 3.8  
 39 28 22 18 10 10 17 21 25 41

54.3  
 2.7  
 61

53.1  
 3.9  
 61

54.2 53.8 53.9 54.1 54.3 54.2 53.9 52.9 53.1  
 2.8 3.2 3.1 2.9 2.7 2.8 3.1 4.1 3.9  
 61 31 23 10 10 15 21 27

53.5 53.4 53.4  
 3.5 3.6 3.58  
 61 39 31  
 MH

Top Hyd N.E. Corner Richard

Sta +  $\pi$  - Elev.

958.56

126+50 Ent. Rt.

✓

127 Ent Lt

✓

+50

✓

11.

Oct. 3, 1967

94

52.2 52.1 53.8 5A.4 5A.6 5A.4 5A.1 53.7 53.9  
6.4 6.5 4.8 4.2 4.0 4.2 4.5 4.9 4.7  
28 24 16 10 10 20 37 61

53.9 5A.6  
→ 4.7 4.0  
44 61

55.6 55.A 55.0 5A.7 5A.9 5A.7 5A.5 52.6 52.8  
3.1 3.2 3.6 3.9 3.7 3.9 4.1 2.0 5.8  
52 41 20 10 10 15 22 26

55.7  
→ 2.9  
61

53.9 5A.0 53.5  
4.7 4.6 5.1  
61 43 34

56.2 53.2 53.2 5A.1 5A.7 65.0 5A.8 5A.7 52.7 52.7  
24 5.4 5.4 4.5 3.9 3.6 3.8 3.9 5.9 5.9  
39 28 22 18 11 10 15 22 25

57.4  
→ 1.2  
61

53.9 53.9 53.5  
4.7 4.7 5.1  
61 43 31



Sta +  $\pi$  - Elev.

957.20

958.56

128 Ent Lt

+50

✓

129

✓

+50

Ent Rt.

BM 0.07 957.18 1.45 957.11

?  
957.20

Lt.

Oct 3, 1967

Rt. 95

$\begin{matrix} 57.8 & 57.2 & 55.4 & 55.1 & 54.9 & 55.1 & 54.8 & 54.1 & 54.1 & 54.1 \\ 0.8 & 1.4 & 3.2 & 3.5 & 3.7 & 3.5 & 3.8 & 4.2 & 4.5 & 4.5 \\ 61 & 47 & 30 & 19 & 10 & & 10 & 19 & 37 & 61 \end{matrix}$

$\begin{matrix} 57.0 & 53.4 & 53.5 & 54.3 & 53.8 & 56.1 & 54.8 & 54.6 & 53.0 & 52.9 & 53.6 \\ 1.6 & 5.2 & 5.1 & 4.3 & 4.8 & 3.5 & 3.8 & 4.0 & 5.6 & 5.7 & 5.0 \\ 42 & 26 & 22 & 18 & 10 & & 10 & 15 & 21 & 27 & 34 \end{matrix}$

$\begin{matrix} 57.6 \\ \rightarrow 1.0 \\ 61 \end{matrix}$

$\begin{matrix} 53.9 \\ 4.7 \\ 61 \end{matrix}$

$\begin{matrix} 56.9 & 53.7 & 53.3 & 54.3 & 54.8 & 55.0 & 54.9 & 54.6 & 53.3 & 53.4 \\ 1.7 & 4.9 & 5.3 & 4.3 & 3.8 & 3.6 & 3.7 & 4.0 & 5.3 & 5.2 \\ 38 & 27 & 22 & 17 & 10 & & 10 & 15 & 22 & 27 \end{matrix}$

$\begin{matrix} 57.8 \\ \rightarrow 0.8 \\ 61 \end{matrix}$

$\begin{matrix} 54.7 & 53.9 \\ 3.9 & 4.7 \\ 61 & 39 \end{matrix}$

$\begin{matrix} 57.2 & 56.1 & 54.7 & 54.7 & 54.9 & 54.7 & 54.4 & 54.7 \\ 1.4 & 2.5 & 3.9 & 3.9 & 3.7 & 3.9 & 4.2 & 3.9 \\ 61 & 38 & 21 & 10 & & 10 & 33 & 61 \end{matrix}$

Top Hyd by Ho =

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

| Sta | + | $\pi$  | - | Elev. |
|-----|---|--------|---|-------|
|     |   | 957.18 |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| 130 |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| ✓   |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| +09 |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| ✓   |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| +68 |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| ✓   |   |       |   |       |

LT

Oct. 3, 1967

81 96

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 53.5 | 53.3 | 5A.1 | 5A.6 | 5A.8 | 5A.6 | 5A.6 | 53.0 | 53.2 |
| 37   | 39   | 3.1  | 2.6  | 2.4  | 2.6  | 2.6  | 4.2  | 4.0  |
| 24   | 22   | 18   | 10   |      | 10   | 15   | 23   | 27   |

|      |      |      |  |      |      |
|------|------|------|--|------|------|
| 56.0 | 56.3 | 56.7 |  | 5A.0 | 53.8 |
| 1.2  | 0.9  | 0.5  |  | 3.2  | 3.4  |
| 35   | 47   | 61   |  | 61   | 36   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 53.A | 5A.3 | 5A.0 | 5A.5 | 5A.7 | 5A.6 | 5A.5 | 53.0 | 53.0 |
| 38   | 29   | 3.2  | 2.7  | 2.5  | 2.6  | 2.7  | 4.2  | 4.2  |
| 30   | 24   | 18   | 10   |      | 10   | 15   | 22   | 27   |

|      |      |      |  |      |      |      |
|------|------|------|--|------|------|------|
| 5A.1 | 5A.1 | 5A.2 |  | 5A.3 | 5A.1 | 53.6 |
| 3.1  | 3.1  | 3.0  |  | 2.9  | 3.1  | 3.6  |
| 43   | 50   | 61   |  | 61   | 46   | 34   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 53.9 | 53.5 | 5A.9 | 5A.3 | 5A.6 | 5A.A | 5A.5 | 53.1 | 53.0 |
| 3.3  | 3.7  | 2.3  | 2.9  | 2.6  | 2.8  | 2.7  | 4.1  | 4.2  |
| 61   | 45   | 19   | 10   |      | 10   | 15   | 23   | 26   |

|      |      |
|------|------|
| 5A.3 | 53.8 |
| 2.9  | 3.4  |
| 61   | 30   |



Sta +  $\pi$  - Elev.

957.18

130+81

✓

+90

✓

131

✓

Lt

Oct. 3, 1967

RT

97

52.0 53.1 54.0 5A.3 5A.5 5A.3 5A.3 52.9 53.0  
 5.2 4.1 3.2 2.9 2.7 2.9 2.9 4.3 4.2  
 45 33 18 10 10 15 21 27

51.7  
 5.5  
 61

5A.3 53.8  
 2.9 3.4  
 61 39

51.6 51.7 53.7 5A.2 5A.4 5A.3 5A.1 52.8 52.9  
 5.6 5.5 3.5 3.0 2.8 2.9 3.1 4.4 4.3  
 61 44 27 10 10 16 21 26

5A.4 53.4  
 2.8 3.8  
 61 33

4A.2 51.4 53.7 5A.2 5A.4 5A.2 5A.1 52.9 52.8  
 8.0 5.8 3.5 3.0 2.8 3.0 3.1 4.3 4.4  
 51 33 27 10 10 15 21 26  
 ← Drains

48.9  
 8.3  
 61

5A.3 5A.0 53.4  
 2.9 3.2 3.8  
 61 49 33

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 957.18 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 131+14 |  |  |  |  |
|--------|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +86 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

Lt.

Oct. 3, 1967

Rt.

98

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 50.7 | 52.1 | 53.7 | 54.0 | 54.3 | 54.2 | 54.0 | 53.0 | 52.8 |
| 65   | 5.1  | 3.5  | 3.2  | 2.9  | 3.0  | 3.2  | 4.2  | 4.4  |
| 36   | 24   | 15   | 10   |      | 10   | 18   | 23   | 26   |

|      |      |
|------|------|
| 50.3 | 50.3 |
| 6.9  | 6.9  |
| 48   | 61   |

|      |      |      |
|------|------|------|
| 54.1 | 53.7 | 53.5 |
| 3.1  | 3.5  | 3.7  |
| 61   | 46   | 30   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 50.4 | 50.1 | 53.3 | 53.9 | 54.2 | 53.9 | 54.0 | 52.7 | 52.7 |
| 6.8  | 7.1  | 3.9  | 3.3  | 3.0  | 3.3  | 3.2  | 4.5  | 4.5  |
| 61   | 35   | 17   | 10   |      | 10   | 16   | 22   | 27   |

|      |      |      |
|------|------|------|
| 53.8 | 53.6 | 53.2 |
| 3.4  | 3.6  | 4.0  |
| 61   | 43   | 35   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 50.6 | 51.4 | 53.0 | 53.7 | 54.0 | 53.8 | 53.5 | 52.4 | 52.4 |
| 6.6  | 5.8  | 4.2  | 3.5  | 3.2  | 3.4  | 3.7  | 4.8  | 4.8  |
| 31   | 22   | 18   | 10   |      | 10   | 17   | 23   | 25   |

|      |      |
|------|------|
| 51.0 | 50.5 |
| 6.2  | 6.7  |
| 39   | 61   |

|      |      |
|------|------|
| 53.6 | 53.3 |
| 3.6  | 3.9  |
| 61   | 41   |



Sta      +       $\pi$       -      Elev.

957.18

132      Ditch Line

✓

+13      Shoulder

+28      E. Blomquist

+43      Gutter Line

✓

Lt.

✓ Oct. 3, 1967

84

99

A

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 50.4 | 51.0 | 53.0 | 53.7 | 53.9 | 53.7 | 53.0 | 52.0 |
| 6.8  | 6.2  | 4.2  | 3.5  | 3.3  | 3.5  | 4.2  | 5.2  |
| 33   | 22   | 17   | 10   |      | 10   | 22   | 30   |

50.3

50.2

51.2

51.5

→ 6.9 7.0  
54 61

60 5.7  
61 48

✓

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 50.0 | 50.7 | 51.2 | 52.8 | 53.6 | 53.9 | 53.7 | 52.8 | 52.2 | 51.9 |
| 7.2  | 6.5  | 6.0  | 4.4  | 3.6  | 3.3  | 3.5  | 4.4  | 5.0  | 5.3  |
| 61   | 38   | 22   | 18   | 10   |      | 10   | 32   | 51   | 61   |

✓

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 50.0 | 50.6 | 51.0 | 52.8 | 53.5 | 53.8 | 53.7 | 53.1 | 52.7 | 52.2 |
| 7.2  | 6.7  | 6.2  | 4.4  | 3.7  | 3.4  | 3.5  | 4.1  | 4.5  | 5.0  |
| 61   | 38   | 24   | 17   | 10   |      | 11   | 31   | 42   | 61   |

✓

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 50.8 | 50.6 | 51.1 | 52.6 | 53.4 | 53.7 | 53.6 | 52.7 | 52.1 | 51.8 |
| 6.4  | 6.6  | 6.1  | 4.6  | 3.8  | 3.5  | 3.7  | 4.5  | 5.1  | 5.4  |
| 43   | 38   | 23   | 17   | 10   |      | 10   | 30   | 45   | 61   |

50.6

50.4

→ 6.59 6.8  
59 61

Sta +  $\pi$  - Elev.

957.18

132+65

✓

133

✓

+11

✓

Lt.

Oct. 3, 1967

RT

100

$\begin{matrix} 50.9 & 50.6 & 50.8 & 52.7 & 53.3 & 53.6 & 53.A & 53.A & 51.9 & 52.1 & 52 \end{matrix}$   
 6.43 6.6 6.4 4.5 3.9 3.6 3.8 3.8 5.3 5.14  
 42 38 24 18 10 10 17 25 38 6  
 Conc

$\begin{matrix} 50.5 & 50.A \\ 6.73 & 6.8 \\ 59 & 61 \end{matrix}$   
 Conc

$\begin{matrix} 50.2 & 50.8 & 51.2 & 52.7 & 53.2 & 53.A & 53.2 & 53.0 & 51.6 & 51.6 \end{matrix}$   
 7.0 6.4 6.0 4.5 4.0 3.8 4.0 4.2 5.6 5.6  
 51 38 25 18 11 10 15 22 31

$\begin{matrix} 50.0 \\ 7.2 \\ 61 \end{matrix}$

$\begin{matrix} 52.6 & 52.2 \\ 4.7 & 5.0 \\ 61 & 42 \end{matrix}$

$\begin{matrix} 47.0 & 48.0 & 50.A & 52.A & 53.1 & 53.3 & 53.1 & 52.8 & 51.5 & 51.5 & 52 \end{matrix}$   
 10.2 9.2 6.8 4.8 4.1 3.9 4.1 4.4 5.7 5.7 5.  
 61 50 25 17 10 10 16 22 30 40

$\begin{matrix} 52.4 \\ 4.8 \\ 61 \end{matrix}$



Sta +  $\pi$  - Elev.

957.18

133+50

Ent Rt

✓

134

✓

B.M.

0.79

953.01

2.96

954.22

?  
954.30

+50

✓

FK  
WM  
WJ

Lt.

Oct. 3, 1967  
Oct. 4, 1967

101

|      |      |      |      |        |      |      |      |      |
|------|------|------|------|--------|------|------|------|------|
| 59.6 | 50.0 | 52.2 | 52.8 | ✓ 53.1 | 52.9 | 52.5 | 52.5 | 52.6 |
| 7.6  | 7.2  | 5.0  | 4.4  | 4.1    | 4.3  | 4.7  | 4.73 | 4.57 |
| 33   | 25   | 18   | 10   |        | 10   | 18   | 25   | 45   |

Conc.

|       |      |      |
|-------|------|------|
| 50.0  | 48.8 | 48.2 |
| → 7.2 | 8.4  | 9.0  |
| 42    | 51   | 61   |

52.6  
456  
61  
Conc

|      |      |      |      |        |      |      |      |      |
|------|------|------|------|--------|------|------|------|------|
| 50.7 | 50.1 | 52.0 | 52.4 | ✓ 52.7 | 52.5 | 52.3 | 50.8 | 51.0 |
| 6.5  | 6.8  | 5.2  | 4.8  | 4.5    | 4.7  | 4.9  | 6.4  | 6.2  |
| 35   | 27   | 19   | 10   |        | 10   | 15   | 23   | 27   |

|       |      |
|-------|------|
| 50.8  | 49.5 |
| → 6.4 | 7.7  |
| 44    | 61   |

52.5 52.3  
4.7 4.9  
61 42

Top Hyd S. S. E. Corner Cedar + White Bear Avenue

|      |      |      |      |        |      |      |      |      |
|------|------|------|------|--------|------|------|------|------|
| 50.5 | 50.5 | 51.3 | 52.0 | ✓ 52.2 | 52.0 | 51.6 | 50.6 | 50.5 |
| 4.5  | 4.5  | 3.7  | 3.0  | 2.8    | 3.0  | 3.4  | 4.4  | 4.5  |
| 29   | 24   | 19   | 10   |        | 10   | 16   | 20   | 27   |

|       |      |      |
|-------|------|------|
| 51.4  | 51.7 | 51.8 |
| → 3.6 | 3.3  | 3.2  |
| 37    | 47   | 61   |

52.1 51.9  
2.9 3.1  
61 40

Sta +  $\pi$  - Elev.

955.01

135

✓

+15

✓

+24 Gutter Line

+39  $\angle$  Cedar

Oct. 4, 1967

Lt.

Rt 102

| 51.6 | 51.5 | 51.4 | 51.6 | 51.8 | 51.7 | 51.6 | 50.2 | 50.2 |
|------|------|------|------|------|------|------|------|------|
| 337  | 3.5  | 3.6  | 3.4  | 3.2  | 3.3  | 3.4  | 4.8  | 4.8  |
| 41   | 34   | 20   | 10   |      | 10   | 15   | 22   | 27   |
| Conc |      |      |      |      |      |      |      |      |

| 51.7 | 51.4 | 51.5 |
|------|------|------|
| 3.34 | 3.6  | 3.5  |
| 61   | 61   | 41   |
| Conc |      |      |

| 50.1 | 49.9 | 50.9 | 51.4 | 51.6 | 51.5 | 51.3 | 50.7 | 50.9 |
|------|------|------|------|------|------|------|------|------|
| 49   | 5.1  | 4.1  | 3.6  | 3.4  | 3.5  | 3.7  | 4.3  | 4.1  |
| 27   | 21   | 19   | 10   |      | 10   | 20   | 24   | 31   |

| 50.4 | 50.4 | 50.4 | 50.7 | 50.8 |
|------|------|------|------|------|
| 4.6  | 4.6  | 4.6  | 4.3  | 4.15 |
| 49   | 61   | 61   | 53   | MH   |
| 33   |      |      |      |      |

| 50.0 | 49.9 | 50.3 | 50.9 | 51.4 | 51.6 | 51.5 | 51.2 | 50.7 | 50.2 |
|------|------|------|------|------|------|------|------|------|------|
| 5.0  | 5.1  | 4.7  | 4.1  | 3.6  | 3.4  | 3.5  | 3.8  | 4.3  | 4.8  |
| 61   | 53   | 34   | 22   | 10   |      | 10   | 25   | 35   | 61   |

| 50.4 | 50.6 | 50.9 | 51.2 | 51.4 | 51.3 | 51.1 | 50.9 | 50.5 | 50.4 |
|------|------|------|------|------|------|------|------|------|------|
| 4.6  | 4.4  | 4.1  | 3.8  | 3.6  | 3.7  | 3.9  | 4.1  | 4.5  | 4.6  |
| 61   | 44   | 27   | 10   | 2    | 10   | 23   | 36   | 56   | 61   |



Sta +  $\pi$  - Elev.

955.01

135+54 Gutter Line

+71 Re-do - New Walk  
Rt & Lt

✓

136

✓

+50 Ent Lt.

T.P. 3.25 950.96 7.30 947.71

Lt.

Oct. 4, 1967

Rt.

103

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 49.7 | 49.8 | 49.9 | 50.6 | 51.0 | 51.3 | 51.0 | 50.8 | 50.6 | 50.2 | 49.9 |
| 5.3  | 5.2  | 5.1  | 4.4  | 4.0  | 3.7  | 4.0  | 4.2  | 4.4  | 4.8  | 5.1  |
| 61   | 50   | 38   | 22   | 10   |      | 10   | 19   | 30   | 47   | 61   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 48.9 | 48.8 | 50.4 | 50.8 | 51.0 | 50.8 | 50.5 | 49.6 | 49.2 |
| 6.1  | 6.2  | 4.6  | 4.2  | 4.0  | 4.2  | 4.5  | 5.5  | 5.8  |
| 26   | 21   | 18   | 10   |      | 10   | 17   | 21   | 27   |

|      |      |      |
|------|------|------|
| 50.0 | 50.6 | 50.6 |
| 5.0  | 4.4  | 4.4  |
| 36   | 43   | 61   |

|      |      |
|------|------|
| 51.0 | 50.7 |
| 4.0  | 4.3  |
| 61   | 39   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 48.2 | 48.3 | 49.6 | 50.6 | 50.7 | 50.6 | 50.4 | 50.5 | 50.9 |
| 6.8  | 6.7  | 5.4  | 4.5  | 4.3  | 4.4  | 4.6  | 4.5  | 4.1  |
| 30   | 21   | 17   | 10   |      | 10   | 18   | 28   | 41   |

|      |      |      |
|------|------|------|
| 49.8 | 49.9 | 50.0 |
| 5.2  | 5.1  | 5.0  |
| 4.0  | 5.6  | 6.1  |

|      |
|------|
| 51.1 |
| 3.9  |
| 6.1  |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 49.8 | 49.7 | 49.6 | 49.7 | 50.0 | 49.9 | 49.9 | 48.6 | 48.4 |
| 5.22 | 5.3  | 5.4  | 5.3  | 5.0  | 5.1  | 5.1  | 6.5  | 6.6  |
| 44   | 35   | 23   | 10   |      | 10   | 15   | 19   | 24   |

conc

|      |
|------|
| 49.8 |
| 5.17 |
| 6.1  |

|      |      |      |      |
|------|------|------|------|
| 50.7 | 50.6 | 50.9 | 49.6 |
| 4.3  | 4.4  | 4.1  | 5.4  |
| 6.1  | 5.3  | 4.0  | 3.2  |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 950.96 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 136+64 |  |  |  |  |
|--------|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 137 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

L4

Oct. 4,

R4

104

A7.4

A7.3

A9.1

A9.6

A9.8

A9.7

A9.5

A8.0

A9.1

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 36 | 37 | 19 | 14 | 12 | 13 | 15 | 30 | 29 |
| 26 | 23 | 16 | 10 |    | 10 | 15 | 21 | 26 |

A8.4

A8.8

A8.7

50.4

50.4

A9.8

|    |    |    |  |  |  |  |  |  |
|----|----|----|--|--|--|--|--|--|
| 26 | 22 | 23 |  |  |  |  |  |  |
| 34 | 51 | 61 |  |  |  |  |  |  |

A7.3

A7.5

A8.9

A9.2

A9.4

A9.2

A8.6

A7.0

A6.8

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 37 | 35 | 21 | 18 | 16 | 18 | 24 | 40 | 42 |
| 25 | 21 | 15 | 10 |    | 10 | 16 | 20 | 26 |

A8.9

A9.2

A9.7

A9.3

A8.9

|    |    |  |  |  |  |  |  |  |
|----|----|--|--|--|--|--|--|--|
| 21 | 18 |  |  |  |  |  |  |  |
| 36 | 61 |  |  |  |  |  |  |  |

A7.0

A6.8

A7.8

A8.6

A8.7

A8.5

A8.0

A6.5

A6.3

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 40 | 42 | 32 | 24 | 23 | 25 | 30 | 45 | 47 |
| 24 | 20 | 16 | 10 |    | 10 | 15 | 20 | 25 |

A8.6

A9.3

A8.6

A8.4

A7.8

|    |    |  |  |  |  |  |  |  |
|----|----|--|--|--|--|--|--|--|
| 24 | 17 |  |  |  |  |  |  |  |
| 33 | 61 |  |  |  |  |  |  |  |



Sta +  $\pi$  - Elev

950.96

138

✓

+50

✓

139

✓

BM

0.42 950.52 950.60

T.P. 0.56 948.82 2.70 948.26

21.

Oct. 9, 1967

BT

105

$\begin{matrix} A6.5 & A6.5 & A7.1 & A7.9 & A8.1 & A7.8 & A7.9 & A5.9 & A5.8 \\ 4.5 & 4.5 & 3.6 & 3.1 & 2.9 & 3.2 & 3.1 & 5.1 & 5.2 \\ 26 & 22 & 18 & 10 & & 10 & 15 & 21 & 24 \end{matrix}$

$\begin{matrix} A9.1 & A9.7 \\ 1.9 & 1.3 \\ 37 & 61 \end{matrix}$

$\begin{matrix} A8.1 & A7.8 \\ 2.9 & 3.2 \\ 61 & 38 \end{matrix}$

$\begin{matrix} A6.1 & A5.5 & A6.9 & A7.1 & A7.2 & A7.0 & A6.6 & A5.1 & A5.2 \\ 4.9 & 5.5 & 4.1 & 3.9 & 3.8 & 4.0 & 4.4 & 5.9 & 5.8 \\ 28 & 23 & 19 & 10 & & 10 & 15 & 19 & 26 \end{matrix}$

$\begin{matrix} A8.1 & A8.6 \\ 2.9 & 2.4 \\ 42 & 61 \end{matrix}$

$\begin{matrix} A7.1 & A7.0 \\ 3.6 & 4.0 \\ 61 & 38 \end{matrix}$

$\begin{matrix} A4.7 & A4.9 & A5.8 & A6.1 & A6.3 & A6.0 & A5.6 & A3.7 & A3.7 \\ 6.3 & 6.1 & 5.2 & 4.9 & 4.7 & 5.0 & 5.4 & 7.3 & 7.3 \\ 28 & 21 & 17 & 10 & & 10 & 15 & 20 & 24 \end{matrix}$

$\begin{matrix} A6.6 & A7.5 \\ 4.4 & 3.5 \\ 36 & 61 \end{matrix}$

$\begin{matrix} A6.7 & A6.3 & A6.1 \\ 4.3 & 4.7 & 5.3 \\ 61 & 45 & 35 \end{matrix}$

Top Hyd Across from Ho # 3864 White Bear Ave.  
 South Guard Post Ent Lt.

Sta +  $\pi$  - Elev.

948.82

139+24

✓

+35

✓

+51 Ent Lt.

✓

Lt.

Oct. 4, 1967

Rt. 106

| A <sup>7</sup> | A <sup>3</sup> | A <sup>5.6</sup> | A <sup>5.6</sup> | A <sup>5.7</sup> | A <sup>5.4</sup> | A <sup>5.2</sup> | A <sup>3.0</sup> | A <sup>3.1</sup> |
|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 4.7            | 4.5            | 3.2              | 3.2              | 3.1              | 3.4              | 3.6              | 5.8              | 5.7              |
| 28             | 22             | 18               | 10               |                  | 10               | 15               | 21               | 25               |

| A <sup>6.4</sup> | A <sup>7.3</sup> |
|------------------|------------------|
| 2.4              | 1.5              |
| 39               | 61               |

| A <sup>6.1</sup> | A <sup>5.6</sup> | A <sup>4.5</sup> |
|------------------|------------------|------------------|
| 2.7              | 3.2              | 4.3              |
| 61               | 41               | 30               |

| A <sup>6.6</sup> | A <sup>6.1</sup> | A <sup>5.6</sup> | A <sup>5.4</sup> | A <sup>5.5</sup> | A <sup>5.1</sup> | A <sup>5.1</sup> | A <sup>3.0</sup> | A <sup>2.9</sup> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2.19             | 2.7              | 3.2              | 3.4              | 3.3              | 3.7              | 3.7              | 5.8              | 5.9              |
| 47               | 35               | 19               | 10               |                  | 10               | 15               | 20               | 24               |

conc

| A <sup>7.1</sup> |
|------------------|
| 1.67             |
| 61               |

conc.

| A <sup>5.7</sup> | A <sup>5.5</sup> | A <sup>4.5</sup> |
|------------------|------------------|------------------|
| 3.1              | 3.3              | 4.3              |
| 61               | 43               | 32               |

| A <sup>7.0</sup> | A <sup>6.6</sup> | A <sup>5.7</sup> | A <sup>5.2</sup> | A <sup>5.3</sup> | A <sup>4.9</sup> | A <sup>4.8</sup> | A <sup>2.4</sup> | A <sup>2.4</sup> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 1.8              | 2.22             | 3.1              | 3.6              | 3.5              | 3.9              | 4.0              | 6.4              | 6.4              |
| 61               | 47               | 26               | 10               |                  | 10               | 15               | 21               | 25               |

conc

| A <sup>5.1</sup> | A <sup>4.5</sup> |
|------------------|------------------|
| 3.7              | 4.3              |
| 61               | 34               |



Sta +  $\pi$  - Elev.

948.82

139+68 Gutter Line

+83  $\angle$  Roth Place

+97 Gutter Line

140

TP 4.93 948.80 4.95 943.87

+17

+26 Ent Lt

Lt.

Oct. 4, 1967  
Rt 107

$A^{5.9}$   $A^{5.0}$   $A^{3.7}$   $A^{5.0}$   $AA^9$   $A^{5.0}$   $AA^7$   $AA^2$   $AA^0$   $A^{3.9}$   
 29 38 5.1 38 3.9 3.8 4.1 4.6 4.8 4.9  
 61 40 24 18 10 10 22 39 61

$AL^1$   $A^{5.0}$   $A^{3.6}$   $AA^6$   $AA^8$   $AA^9$   $AA^7$   $AA^6$   $AA^6$   $AA^4$   $AA^4$   
 2.7 3.8 5.2 4.2 4.0 3.9 4.1 4.15 4.2 4.4 4.4  
 61 41 25 18 10 10 17 29 44 61  
 MH

$AL^1$   $AS^4$   $AA^6$   $A^{3.7}$   $AA^5$   $AA^6$   $AA^8$   $AA^5$   $AA^1$   $AA^0$   $A^{3.9}$   
 2.7 3.4 4.2 5.1 4.3 4.2 4.0 4.3 4.7 4.8 4.9  
 61 46 36 24 18 10 10 27 41 61

Duplicate +97

$AA^8$   $AA^4$   $AA^0$   $AA^1$   $AA^3$   
 4.0 4.4 4.8 4.7 4.5  
 10 23 40 61

Top Bee Hive

$A^{5.6}$   $AA^6$   $A^{3.5}$   $AA^5$   $AA^6$   $AA^7$   $AA^3$   $AA^0$   $A^{3.5}$   $AA^2$   $AA^5$   
 3.3 4.2 5.3 4.3 4.2 4.1 4.5 4.8 5.3 4.6 4.3  
 61 40 23 18 10 10 17 25 40 61

$AA^8$   $AA^8$   $AA^5$   $AA^6$   $AA^7$   $AA^3$   $AA^0$   $A^{3.5}$   $A^{3.3}$   $A^{5.8}$   
 3.95 4.02 4.3 4.2 4.1 4.5 4.8 5.3 3.5 3.0  
 61 43 20 10 10 16 31 44 61

Cenc

Sta +  $\pi$  - Elev.

948.80

140+60

141

+45

+60

+ 77 Gutter Line

142

Lt.

Oct. 4, 1967

Rt 108

AA.1 AA.2 A3.5 AA.4 AA.5 AA.6 AA.2 A1.2 A3.9 A5.3 A6.2  
4.7 4.6 5.3 4.4 4.3 4.2 4.6 4.6 4.9 3.5 2.6  
61 44 25 18 10 10 17 29 40 61

AA.5 AA.2 A3.7 AA.6 AA.6 AA.7 AA.4 AA.5 AA.6 AA.6 A6.1  
4.3 4.6 5.1 4.2 4.2 4.1 4.4 4.3 4.2 4.3 2.7  
61 32 24 18 10 10 15 30 37 81

AA.0 AA.1 A3.5 AA.5 AA.8 AA.9 AA.7 AA.6 AA.9 A5.9 A6.7  
4.8 4.7 5.3 4.3 4.0 3.9 4.1 4.2 3.9 2.9 2.1  
61 33 25 19 10 10 16 30 44 61

A2.9 A3.1 A3.3 AA.4 AA.0 A5.0 AA.8 AA.6 A5.1 A6.0 A6.7  
5.9 5.7 5.5 4.4 4.0 3.8 4.0 4.2 3.7 2.8 2.1  
61 49 32 19 10 10 16 30 46 61

A2.9 A3.2 A3.8 AA.4 AA.9 A5.1 AA.9 AA.8 A5.0 A5.9 A6.6  
5.9 5.6 5.0 4.4 3.9 3.7 3.9 4.0 3.8 2.9 2.2  
61 51 37 22 10 10 16 30 46 61

A3.1 A3.7 AA.3 A5.1 A5.2 A5.0 AA.7 AA.2 A5.2 A5.8 A6.4  
5.7 5.1 4.5 3.7 3.6 3.8 4.1 4.6 3.6 3.0 2.4  
61 43 26 10 10 15 27 34 46 61



Sta +  $\pi$  - Elev

948.80

142+08 Gutter Line

+28 MH 55' 14 4.52 99.28

+50

✓

143

✓

+50

BM 1.48 949.89 0.39 948.41

948.48

11.

Oct. 4, 1967

RT

109

$\begin{matrix} A2.9 & A3.1 & A3.6 & A4.3 & A5.1 & A5.3 & A6.0 & A6.8 & A6.7 & A6.3 & A6.5 & A6.6 \\ 5.9 & 5.7 & 5.2 & 4.5 & 3.7 & 3.5 & 3.8 & 4.0 & 4.1 & 4.5 & 3.3 & 2.3 \\ 61 & 55 & 42 & 24 & 10 & & 10 & 16 & 20 & 25 & 36 & 61 \end{matrix}$

$\begin{matrix} A5.2 & A5.3 & A6.3 & A6.1 & A5.A & A5.6 & A5.A & A5.2 & A6.6 & A6.4 \\ 3.6 & 3.5 & 4.5 & 3.7 & 3.4 & 3.2 & 3.4 & 3.6 & 4.3 & 4.4 \\ 43 & 34 & 23 & 16 & 10 & & 10 & 17 & 21 & 24 \end{matrix}$

$\begin{matrix} A6.9 & A6.7 \\ 3.9 & 4.1 \\ 57 & 61 \end{matrix}$

$\begin{matrix} A6.1 & A5.5 \\ 2.7 & 3.3 \\ 61 & 36 \end{matrix}$

$\begin{matrix} A6.0 & A6.3 & A5.1 & A5.7 & A5.9 & A5.7 & A5.6 & A6.8 & A6.6 \\ 2.8 & 4.5 & 3.7 & 3.1 & 2.9 & 3.1 & 3.2 & 4.0 & 4.2 \\ 36 & 22 & 16 & 10 & & 10 & 14 & 19 & 23 \end{matrix}$

$\begin{matrix} A6.2 & A6.4 \\ 2.6 & 2.4 \\ 46 & 61 \end{matrix}$

$\begin{matrix} A6.6 & A6.0 \\ 2.2 & 2.8 \\ 61 & 37 \end{matrix}$

$\begin{matrix} A6.7 & A6.2 & A5.8 & A6.5 & A5.7 & A5.8 & A6.1 & A5.9 & A6.1 & A6.6 & A7.6 \\ 2.1 & 2.6 & 3.0 & 4.3 & 3.1 & 3.0 & 2.7 & 2.9 & 2.7 & 2.2 & 1.2 \\ 61 & 45 & 29 & 22 & 16 & 10 & & 10 & 20 & 34 & 61 \end{matrix}$

Top Hyd

Sta +  $\pi$  - Elev.

949.89

143+75

✓

144 Ent Rt

✓

+ 50

✓

11

Oct. 4, 1967

R1

110

$A_{6.2}$   $A_{4.7}$   $A_{5.6}$   $A_{6.0}$   $A_{6.2}$   $A_{6.0}$   $A_{5.9}$   $A_{5.0}$   $A_{7.0}$   
 3.7 5.2 4.3 3.9 3.7 3.9 4.0 4.9 2.9  
 36 21 17 10 10 16 21 32

$A_{6.7}$   
 3.2  
 61

$A_{7.8}$   $A_{7.7}$   $A_{7.2}$   
 2.1 2.2 2.7  
 61 56 42

$A_{4.4}$   $A_{4.5}$   $A_{5.5}$   $A_{6.7}$   $A_{6.3}$   $A_{6.2}$   $A_{6.3}$   $A_{5.3}$   $A_{5.2}$   
 5.5 5.4 4.4 3.8 3.6 3.7 3.6 4.6 4.7  
 24 22 16 10 10 15 19 22

$A_{6.0}$   $A_{6.5}$   
 3.9 3.4  
 36 61

$A_{8.0}$   $A_{7.4}$   $A_{7.3}$   
 1.9 2.5 2.6  
 61 34 33

$A_{6.9}$   $A_{6.1}$   $A_{4.5}$   $A_{5.8}$   $A_{6.2}$   $A_{6.4}$   $A_{6.3}$   $A_{6.2}$   $A_{5.2}$   $A_{5.2}$   
 3.0 3.8 5.4 4.1 3.7 3.5 3.6 3.7 4.7 4.7  
 61 32 21 16 10 10 15 20 22

$A_{7.8}$   $A_{7.3}$   $A_{7.2}$   $A_{7.0}$   
 2.1 2.6 2.7 2.9  
 61 36 32 30



Sta +  $\pi$  - Elev.

949.89

145

✓

+50

✓

+51 MH 37' RT 3.21 46.68

146

✓

21

Oct. 4, 1967

111

$A5.6$   $AA.7$   $A5.5$   $A6.1$   $A6.3$   $A6.2$   $A6.1$   $A5.2$   $A5.2$   
 43 52 44 38 3.6 3.7 3.8 4.7 4.7  
 25 21 16 10 15 19 22

$A6.A$   $A6.6$   
 3.5 3.3  
 38 61

$A8.0$   $A7.2$   $A7.1$   $A6.8$   
 1.9 2.7 2.8 3.1  
 61 36 33 30

$A3.7$   $AA.7$   $A5.A$   $A5.9$   $A6.1$   $A6.0$   $A6.2$   $AA.9$   $A5.0$   
 42 52 45 4.0 3.8 3.9 3.7 5.0 4.9  
 28 21 17 10 10 14 19 22

$A6.5$   $A6.8$   
 3.4 3.1  
 42 61

$A7.8$   $A7.0$   $A6.9$   
 2.1 2.9 3.0  
 61 37 33

$A5.6$   $AA.8$   $A5.0$   $A5.6$   $A5.8$   $A5.7$   $A5.5$   $AA.6$   $AA.6$   
 43 5.1 4.9 4.3 4.1 4.2 4.4 5.3 5.3  
 30 21 17 10 10 16 20 23

$A6.3$   $A6.A$   
 3.6 3.5  
 47 51

$A7.0$   $A6.7$   $A6.6$   
 2.9 3.2 3.3  
 61 37 33

Sta +  $\pi$  - Elev

949.89

146+50 Ent Lt

✓

+ 74

✓

+ 82

Lt.

Oct. 4, 1967

Rt.

112

✓

|                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Ab. <sup>2</sup> | As. <sup>9</sup> | As. <sup>A</sup> | As. <sup>2</sup> | As. <sup>A</sup> | As. <sup>3</sup> | As. <sup>3</sup> | AA. <sup>2</sup> | AA. <sup>3</sup> |
| 3.73             | 4.01             | 4.5              | 4.7              | 4.5              | 4.6              | 4.6              | 5.7              | 5.6              |
| 61               | 43               | 24               | 10               |                  | 10               | 15               | 20               | 23               |
| Conc             |                  |                  |                  |                  |                  |                  |                  |                  |

|                  |                  |                  |
|------------------|------------------|------------------|
| Ab. <sup>7</sup> | Ab. <sup>3</sup> | Ab. <sup>1</sup> |
| 3.2              | 3.6              | 3.8              |
| 61               | 37               | 32               |

✓

|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Ab. <sup>2</sup> | As. <sup>8</sup> | AA. <sup>3</sup> | As. <sup>0</sup> | AA. <sup>9</sup> | As. <sup>2</sup> | As. <sup>1</sup> | AA. <sup>9</sup> | AA. <sup>0</sup> | AA. <sup>1</sup> |
| 3.7              | 4.1              | 5.6              | 4.9              | 5.0              | 4.7              | 4.8              | 5.0              | 5.9              | 5.8              |
| 61               | 37               | 24               | 19               | 10               |                  | 10               | 15               | 19               | 23               |

|                   |                  |                  |                  |
|-------------------|------------------|------------------|------------------|
| Ab. <sup>2</sup>  | Ab. <sup>1</sup> | As. <sup>9</sup> | As. <sup>7</sup> |
| 3.7               | 3.78             | 3.96             | 4.2              |
| 61                | 50               | 37               | 32               |
| Conc <sup>n</sup> |                  |                  |                  |

|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| AA. <sup>8</sup> | AA. <sup>7</sup> | AA. <sup>3</sup> | AA. <sup>7</sup> | AA. <sup>9</sup> | As. <sup>1</sup> | AA. <sup>9</sup> | As. <sup>1</sup> | As. <sup>6</sup> | As. <sup>9</sup> |
| 5.1              | 5.2              | 5.6              | 5.2              | 5.0              | 4.8              | 5.0              | 4.8              | 4.3              | 4.02             |
| 61               | 45               | 25               | 17               | 10               |                  | 10               | 20               | 33               | 37               |
|                  |                  |                  |                  |                  |                  |                  |                  |                  | Conc             |

|                  |                  |                  |
|------------------|------------------|------------------|
| Ab. <sup>3</sup> | Ab. <sup>2</sup> | Ab. <sup>0</sup> |
| 3.62             | 3.68             | 3.85             |
| 61               | 57               | 47               |
| Conc             |                  |                  |



Sta +  $\pi$  - Elev.

949.89

147

✓  
T.P. 1.86 945.96 5.79 944.10

+50 Ent Lt,

✓  
148

LT

Oct. 4, 1967

R1 113

$\begin{matrix} A1.4 & A3.9 & AA.4 & AA.6 & A1.8 & A4.7 & AA.6 & A3.7 & A3.7 \\ 5.5 & 6.0 & 5.5 & 5.3 & 5.1 & 5.2 & 5.3 & 6.2 & 6.2 \\ 33 & 23 & 17 & 10 & & 10 & 16 & 20 & 24 \end{matrix}$

$\begin{matrix} A4.5 & A4.6 \\ 5.4 & 5.3 \\ 49 & 61 \end{matrix}$

$\begin{matrix} A5.9 & A5.6 & A5.1 \\ 4.0 & 4.3 & 4.8 \\ 61 & 46 & 31 \end{matrix}$

$\begin{matrix} AA.2 & AA.1 & AA.1 & AA.1 & AA.2 & AA.1 & AA.1 & A2.9 & A2.9 \\ 1.8 & 1.9 & 1.9 & 1.9 & 1.8 & 1.9 & 1.9 & 3.1 & 3.1 \\ 61 & 45 & 23 & 10 & & 10 & 15 & 20 & 23 \end{matrix}$

$\begin{matrix} A5.9 & A5.1 \\ 0.1 & 0.9 \\ 61 & 31 \end{matrix}$

$\begin{matrix} A3.5 & A1.8 & A3.2 & A3.4 & A3.5 & A3.4 & A3.2 & A2.1 & A2.0 \\ 2.5 & 4.2 & 3.0 & 2.6 & 2.5 & 2.6 & 2.8 & 3.9 & 4.0 \\ 40 & 23 & 17 & 10 & & 10 & 15 & 20 & 23 \end{matrix}$

$\begin{matrix} A3.5 \\ 2.5 \\ 61 \end{matrix}$

$\begin{matrix} AA.6 & AA.7 & AA.4 \\ 1.4 & 1.3 & 1.6 \\ 61 & 46 & 33 \end{matrix}$

Sta +  $\pi$  - Elev,

945.96

148+27

✓

+41 Gutter Line

+55  $\angle$  Birch St,

+70 Gutter Line

+84

✓

Lt

2 Oct. 4, 1967 Rt .114

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| A1.6 | A2.7 | A2.5 | A2.9 | A3.1 | A2.9 | A2.3 | A0.9 | A1.8 |
| 4.4  | 3.3  | 3.5  | 3.1  | 2.9  | 3.1  | 3.7  | 5.1  | 4.2  |
| 25   | 18   | 16   | 10   |      | 10   | 17   | 21   | 25   |

|      |      |      |
|------|------|------|
| A1.2 | A2.0 | A2.1 |
| 4.8  | 4.0  | 3.9  |
| 33   | 46   | 61   |

|      |      |      |
|------|------|------|
| A3.1 | A3.2 | A2.9 |
| 2.9  | 2.8  | 3.1  |
| 61   | 44   | 32   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A0.6 | A0.8 | A1.2 | A2.1 | A2.8 | A2.9 | A2.8 | A2.4 | A2.0 | A2.1 |
| 5.4  | 5.2  | 4.8  | 3.9  | 3.2  | 3.1  | 3.2  | 3.6  | 4.0  | 3.9  |
| 61   | 53   | 39   | 23   | 10   |      | 10   | 21   | 38   | 61   |

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| A1.1 | A1.5 | A1.9 | A2.6 | A2.7 | A2.5 | A2.4 | A2.3 | A2.4 |
| 4.9  | 4.5  | 4.1  | 3.4  | 3.3  | 3.5  | 3.6  | 3.7  | 3.6  |
| 61   | 46   | 30   | 10   |      | 10   | 26   | 39   | 61   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A0.7 | A1.0 | A1.3 | A1.6 | A2.3 | A2.5 | A2.3 | A2.1 | A1.9 | A2.0 |
| 5.3  | 5.0  | 4.7  | 4.4  | 3.7  | 3.5  | 3.7  | 3.9  | 4.1  | 4.0  |
| 61   | 51   | 36   | 21   | 10   |      | 10   | 24   | 40   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| A2.0 | A0.9 | A1.1 | A1.9 | A2.1 | A2.3 | A2.1 | A1.6 | A0.2 | A0.1 | A1.2 |
| 4.0  | 5.1  | 4.9  | 4.1  | 3.9  | 3.7  | 3.9  | 4.4  | 5.8  | 5.9  | 4.8  |
| 32   | 25   | 21   | 17   | 10   |      | 10   | 16   | 21   | 23   | 26   |

|      |      |
|------|------|
| A2.1 | A1.9 |
| 3.9  | 4.1  |
| 44   | 61   |

|      |      |      |
|------|------|------|
| A2.8 | A2.5 | A2.1 |
| 3.2  | 3.5  | 3.9  |
| 61   | 48   | 33   |



Sta + K - Elev.

945.96

149

✓

BM 0.26 944.46 1.76 944.20 944.28

+25

✓

+42

Ent Lt.

✓

FK  
WM  
LPP  
WJ

Lt.

Oct, 4, 1967  
Oct, 5, 1967

115

$\begin{matrix} A0.6 & 10.5 & 11.5 & 11.9 & 12.1 & 11.9 & 11.5 & 39.8 & 10.8 \\ 54 & 55 & 45 & 41 & 39 & 41 & 45 & 6.2 & 5.2 \\ 26 & 22 & 17 & 10 & & 10 & 17 & 22 & 26 \end{matrix}$

$\begin{matrix} A1.9 & A2.2 & A2.1 & & & & AA.2 & A3.9 & A3.4 \\ 4.1 & 3.8 & 3.9 & & & & 1.8 & 2.1 & 2.6 \\ 34 & 48 & 61 & & & & 61 & 46 & 35 \end{matrix}$

Top Hyd S.W. Corner Birch St & W. B. Ave.

$\begin{matrix} A1.5 & A0.1 & A0.3 & A1.4 & 11.5 & 11.7 & 11.5 & 11.3 & 39.5 & A0.6 \\ 3.0 & 4.4 & 4.2 & 3.1 & 3.0 & 2.8 & 3.0 & 3.2 & 5.0 & 3.9 \\ 34 & 24 & 22 & 17 & 10 & & 10 & 16 & 21 & 26 \end{matrix}$

$\begin{matrix} A2.1 \\ 2.4 \\ 61 \end{matrix}$

$\begin{matrix} AA.9 & AA.0 \\ 10.4 & 0.5 \\ 61 & 39 \end{matrix}$

$\begin{matrix} A2.0 & A2.0 & A2.0 & A1.6 & 11.3 & 11.4 & 11.3 & 11.2 & 39.3 & A0.5 \\ 2.5 & 2.5 & 2.5 & 2.9 & 3.2 & 3.1 & 3.2 & 3.3 & 5.2 & 4.0 \\ 61 & 51 & 41 & 24 & 10 & & 10 & 16 & 21 & 26 \end{matrix}$

$\begin{matrix} AA.9 & AA.5 & AA.0 \\ 10.4 & 0.0 & 0.5 \\ 61 & 49 & 38 \end{matrix}$

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

| Sta | + | $\pi$  | - | Elev. |
|-----|---|--------|---|-------|
|     |   | 244.46 |   |       |

| Sta    | + | $\pi$ | - | Elev. |
|--------|---|-------|---|-------|
| 149+60 |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| ✓   |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| +76 |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| ✓   |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| +84 |   |       |   |       |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
| ✓   |   |       |   |       |

Lt.

Oct. 5, 1967

Rt.

116

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 40.1 | 39.4 | 39.6 | 40.9 | 41.0 | 41.2 | 41.0 | 40.9 | 39.1 | 40.2 |
| 44   | 3.1  | 49   | 3.6  | 3.5  | 3.3  | 3.5  | 3.6  | 5.4  | 4.3  |
| 29   | 24   | 21   | 16   | 10   |      | 10   | 16   | 21   | 26   |

|      |      |
|------|------|
| 41.5 | 42.0 |
| 3.0  | 2.5  |
| 37   | 61   |

|      |      |      |
|------|------|------|
| 44.7 | 44.6 | 44.0 |
| 102  | 101  | 0.5  |
| 61   | 53   | 40   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 39.7 | 38.9 | 39.0 | 40.3 | 40.8 | 40.9 | 40.8 | 40.8 | 40.7 | 38.4 |
| 4.8  | 5.6  | 5.5  | 4.2  | 3.7  | 3.6  | 3.7  | 3.7  | 4.8  | 6.1  |
| 28   | 22   | 21   | 16   | 10   |      | 10   | 16   | 18   | 22   |

|      |      |
|------|------|
| 41.2 | 41.9 |
| 3.3  | 2.6  |
| 42   | 61   |

|      |      |      |      |
|------|------|------|------|
| 44.4 | 44.1 | 43.3 | 40.4 |
| 0.1  | 0.4  | 1.2  | 4.1  |
| 61   | 53   | 39   | 26   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 39.7 | 38.8 | 38.8 | 40.2 | 40.6 | 40.8 | 40.7 | 40.6 | 37.9 | 40.4 |
| 4.8  | 5.7  | 5.7  | 4.3  | 3.9  | 3.7  | 3.8  | 3.9  | 6.6  | 4.1  |
| 29   | 24   | 20   | 15   | 10   |      | 10   | 15   | 22   | 30   |

|      |      |
|------|------|
| 41.1 | 41.9 |
| 3.4  | 2.6  |
| 42   | 61   |

|      |      |
|------|------|
| 40.2 | 40.3 |
| 4.3  | 4.2  |
| 61   | 42   |



Sta +  $\pi$  - Elev

944.46

150 Ent Rt.

✓

+20

✓

+30

✓

Lt.

Oct. 5, 1967

Bt 117

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 39.4 | 38.5 | 40.1 | 40.4 | 40.6 | 40.4 | 40.5 | 40.4 | 40.3 |
| 5.1  | 6.0  | 4.4  | 4.1  | 3.9  | 4.1  | 4.0  | 4.1  | 4.2  |
| 31   | 22   | 16   | 10   |      | 10   | 28   | 48   | 61   |

|      |      |
|------|------|
| 41.1 | 41.9 |
| 3.4  | 2.6  |
| 41   | 61   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 41.4 | 38.7 | 38.4 | 40.1 | 40.2 | 40.3 | 40.1 | 39.6 | 36.2 | 37.1 |
| 3.4  | 5.8  | 6.1  | 4.4  | 4.3  | 4.2  | 4.4  | 4.9  | 8.3  | 7.4  |
| 47   | 26   | 22   | 15   | 10   |      | 10   | 17   | 21   | 28   |

|      |
|------|
| 41.4 |
| 3.1  |
| 61   |

|      |      |
|------|------|
| 36.9 | 36.8 |
| 7.6  | 7.7  |
| 61   | 42   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 39.3 | 38.5 | 38.5 | 39.9 | 40.0 | 40.1 | 40.0 | 39.6 | 36.0 | 36.4 |
| 5.2  | 6.0  | 6.0  | 4.6  | 4.5  | 4.4  | 4.5  | 4.9  | 8.5  | 8.1  |
| 41   | 26   | 21   | 18   | 10   |      | 10   | 16   | 23   | 29   |

|      |
|------|
| 39.5 |
| 5.0  |
| 61   |

|      |      |
|------|------|
| 36.1 | 36.2 |
| 8.4  | 8.3  |
| 61   | 43   |

Sta +  $\pi$  - Elev.

944.46

150+60

✓

151

✓

TP 3.09 940.32 7.23 937.23 S. End Culvert

+30

✓

Lt.

Oct. 5, 1967

Rt. 118

$\begin{matrix} 37.2 & 37.7 & 37.8 & 37.2 & 39.5 & 37.7 & 39.5 & 39.1 & 35.5 & 35.5 & 35.0 \\ 5.3 & 6.8 & 6.7 & 5.3 & 5.0 & 4.8 & 5.0 & 5.4 & 9.0 & 9.0 & 9.5 \\ 34 & 24 & 21 & 15 & 10 & & 10 & 16 & 23 & 31 & 43 \end{matrix}$

$\begin{matrix} 39.4 & 39.4 \\ 5.1 & 5.1 \\ 47 & 61 \end{matrix}$

$\begin{matrix} 35.4 \\ 9.1 \\ 61 \end{matrix}$

$\begin{matrix} 38.5 & 36.9 & 36.9 & 38.5 & 38.8 & 39.1 & 39.0 & 38.3 & 34.9 & 34.8 \\ 6.0 & 7.6 & 7.6 & 6.0 & 5.7 & 5.4 & 5.5 & 6.2 & 9.6 & 9.7 \\ 32 & 23 & 21 & 16 & 10 & & 10 & 17 & 24 & 33 \end{matrix}$

$\begin{matrix} 38.9 & 38.9 \\ 5.6 & 5.6 \\ 45 & 61 \end{matrix}$

$\begin{matrix} 34.1 & 34.3 \\ 10.4 & 10.2 \\ 61 & 45 \end{matrix}$

$\begin{matrix} 38.0 & 36.8 & 36.6 & 38.1 & 38.3 & 38.6 & 38.5 & 38.2 & 34.5 & 34.9 \\ 2.3 & 3.5 & 3.7 & 2.2 & 2.0 & 1.7 & 1.8 & 2.1 & 5.8 & 5.4 \\ 32 & 23 & 20 & 16 & 10 & & 10 & 15 & 26 & 33 \end{matrix}$

38.1

2.2

61

34.0

6.3

61

34.0

6.3

48



Sta +  $\pi$  - Elev

940.32

151+38

+53 Gutter Line

+67  $\neq$  Lakeores

+84 Gutter Line

152

+50

11

Oct. 5, 1967

RT 119

✓  
 37.5 38.0 38.2 38.2 38.5 38.4 38.1 34.1 34.9 34.5 34.4  
 28 23 21 21 18 19 22 5.9 5.4 5.85  
 61 32 16 10 10 15 25 34 476

✓  
 36.4 37.3 37.8 38.1 38.4 38.2 38.0 34.2 34.8 34.4 34.4  
 39 30 25 22 1.9 2.1 23 61 55 59 5.9  
 61 37 22 10 10 16 28 35 48 61

✓  
 36.5 37.2 37.6 38.0 38.2 38.1 37.8 34.3 34.5 34.3  
 38 31 27 23 2.1 2.2 25 60 58 6.0  
 61 40 24 10 10 20 29 38 61

✓  
 36.4 36.7 37.3 37.8 38.1 38.0 37.7 34.3 34.3 34.4  
 3.9 36 30 25 2.2 2.3 26 60 60 5.9  
 61 39 23 10 10 18 31 45 61

✓  
 36.5 36.8 37.0 35.7 37.2 37.8 38.1 37.9 37.4 34.5 34.5 34.5  
 38 35 33 46 31 25 2.2 2.4 29 58 58 5.8  
 61 43 26 21 16 10 10 19 30 45 61

✓  
 36.6 37.1 37.1 36.2 36.7 37.6 37.9 37.7 37.3 34.4 34.6 34.4  
 3.7 32 32 41 36 27 2.4 26 30 59 5.7 5.9  
 61 41 26 22 18 10 10 16 32 44 61

Sta +  $\pi$  - Elev.

940.32

153

+50

✓

T.P. 5.34 943.21 2.45 937.87 Culvert

154

✓

+50

✓

Oct. 5, 1967

17.

£

81.

120

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 37.3 | 37.6 | 37.6 | 37.6 | 37.9 | 37.7 | 37.9 | 37.7 | 37.1 | 36.7 | 36.2 | 36.1 |
| 30   | 27   | 27   | 37   | 34   | 26   | 24   | 26   | 29   | 36   | 4.1  | 42   |
| 61   | 46   | 28   | 19   | 16   | 10   | 10   | 18   | 26   | 43   | 61   |      |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 38.7 | 38.2 | 36.8 | 37.2 | 37.8 | 38.0 | 37.8 | 37.5 | 36.3 | 35.3 | 38.1 |
| 1.6  | 2.1  | 3.5  | 3.1  | 2.5  | 2.3  | 2.5  | 2.8  | 5.0  | 5.0  | 2.2  |
| 61   | 32   | 20   | 17   | 10   | 10   | 15   | 20   | 22   | 30   |      |

|      |      |      |
|------|------|------|
| 39.2 | 38.8 | 38.1 |
| 1.1  | 1.5  | 1.9  |
| 61   | 49   | 44   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 38.8 | 38.2 | 37.2 | 37.9 | 38.0 | 38.2 | 38.0 | 37.7 | 35.8 | 35.8 | 38.3 |
| 4.4  | 5.0  | 6.0  | 5.3  | 5.2  | 5.0  | 5.2  | 5.5  | 7.4  | 7.4  | 4.9  |
| 45   | 29   | 20   | 17   | 10   | 10   | 19   | 21   | 25   | 32   |      |

|      |
|------|
| 39.1 |
| 4.1  |
| 61   |

|      |      |
|------|------|
| 41.3 | 40.8 |
| 1.9  | 2.4  |
| 61   | 48   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 39.0 | 38.5 | 37.8 | 37.6 | 38.2 | 38.3 | 38.1 | 38.1 | 37.3 | 35.2 | 34.7 |
| 4.2  | 4.7  | 5.4  | 5.6  | 5.0  | 4.9  | 5.1  | 5.1  | 5.9  | 8.0  | 8.5  |
| 61   | 38   | 24   | 17   | 10   | 10   | 16   | 18   | 20   | 23   |      |

|      |      |      |      |
|------|------|------|------|
| 41.3 | 40.0 | 37.2 | 36.8 |
| 1.9  | 3.2  | 6.0  | 6.4  |
| 61   | 38   | 28   | 25   |



Sta +  $\pi$  - Elev.

941.12

943.21

155

Ent Lt

✓

+15

✓

+22 MH 26' Lt 4.28 38.4B

+50

✓

Oct. 5, 1967

11.

✓

81.

121

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 38.9 | 38.9 | 38.8 | 38.4 | 38.6 | 38.3 | 37.9 | 36.4 | 36.5 |
| 4.3  | 4.3  | 4.4  | 4.8  | 4.6  | 4.9  | 5.3  | 6.8  | 6.7  |
| 61   | 44   | 22   | 10   |      | 10   | 17   | 19   | 22   |

|      |      |      |
|------|------|------|
| 39.6 | 39.7 | 39.6 |
| 3.6  | 3.5  | 3.6  |
| 61   | 42   | 31   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 40.7 | 40.0 | 38.2 | 38.4 | 38.5 | 38.6 | 38.4 | 38.1 | 36.7 | 36.6 | 39.2 |
| 2.5  | 3.2  | 5.0  | 4.8  | 4.7  | 4.6  | 4.8  | 5.1  | 6.5  | 6.7  | 4.0  |
| 33   | 28   | 20   | 16   | 10   |      | 10   | 17   | 19   | 22   | 30   |

|      |      |
|------|------|
| 41.3 | 41.7 |
| 1.9  | 1.5  |
| 45   | 61   |

|      |      |
|------|------|
| 39.4 | 39.3 |
| 3.8  | 3.9  |
| 61   | 44   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 40.9 | 40.9 | 39.0 | 38.2 | 38.5 | 38.7 | 38.5 | 37.8 | 36.7 | 36.6 | 38.1 |
| 2.3  | 2.3  | 4.2  | 5.0  | 4.7  | 4.5  | 4.7  | 5.4  | 6.5  | 6.6  | 5.9  |
| 61   | 37   | 24   | 16   | 10   |      | 10   | 17   | 21   | 23   | 24   |

|      |      |      |
|------|------|------|
| 38.8 | 38.8 | 38.7 |
| 4.4  | 4.4  | 4.5  |
| 61   | 47   | 33   |

Sta +  $\pi$  - Elev.

943.21

155+65 Gutter Line

+76  $\pm$  Dotte Ent Lt

+90 Gutter Line

156

✓

TP 2.91 943.91 2.21 941.00 941.12

+50

Lt

Oct. 5, 1967

R/ 122

$\begin{matrix} 40.9 & 40.9 & 39.6 & 38.7 & 38.6 & 38.8 & 38.6 & 38.4 & 38.4 & 38.5 \\ 2.3 & 2.3 & 3.6 & 4.5 & 4.6 & 4.4 & 4.6 & 4.8 & 4.8 & 4.7 \\ 61 & 37 & 27 & 21 & 10 & & 10 & 23 & 39 & 61 \end{matrix}$

$\begin{matrix} 40.0 & 39.9 & 39.6 & 39.0 & 38.7 & 38.8 & 38.7 & 38.7 & 38.8 & 38.8 \\ 3.2 & 3.3 & 3.6 & 4.2 & 4.5 & 4.4 & 4.5 & 4.5 & 4.4 & 4.4 \\ 61 & 48 & 34 & 22 & 10 & & 10 & 27 & 45 & 61 \end{matrix}$

$\begin{matrix} 40.3 & 40.0 & 38.9 & 38.7 & 38.9 & 38.8 & 38.6 & 38.4 & 38.3 \\ 2.9 & 3.2 & 4.3 & 4.5 & 4.3 & 4.4 & 4.6 & 4.8 & 4.9 \\ 61 & 38 & 23 & 10 & & 10 & 23 & 41 & 61 \end{matrix}$

$\begin{matrix} 40.0 & 40.9 & 39.9 & 39.0 & 38.4 & 38.8 & 38.9 & 38.7 & 38.5 & 37.0 & 37.1 \\ 3.2 & 2.3 & 3.3 & 4.2 & 4.8 & 4.4 & 4.3 & 4.5 & 4.7 & 6.2 & 6.1 \\ 61 & 41 & 36 & 28 & 20 & 10 & & 10 & 19 & 22 & 24 \end{matrix}$

$\begin{matrix} 38.3 & 38.3 & 38.1 \\ 4.9 & 4.9 & 5.1 \\ 61 & 45 & 30 \end{matrix}$

$\begin{matrix} 37.8 & 37.7 & 38.4 & 38.9 & 37.1 & 37.0 & 38.7 & 37.1 & 37.1 \\ 6.1 & 6.2 & 5.5 & 5.0 & 4.8 & 4.9 & 5.2 & 6.8 & 6.8 \\ 28 & 26 & 18 & 10 & & 10 & 16 & 20 & 22 \end{matrix}$

$\begin{matrix} 38.1 & 38.0 & 38.0 \\ 5.8 & 5.9 & 5.9 \\ 61 & 42 & 27 \end{matrix}$

$\begin{matrix} 40.4 & 40.2 \\ 3.5 & 3.7 \\ 36 & 61 \end{matrix}$



Sta +  $\pi$  - Elev.

943.91

157

✓

TP 5.98 944.68 5.21 938.70 S. End Culvert

+50

158

✓

A.W. + ?

5.33

+31 MH 25' RT ~~38.58~~

Ent Lt

JK

11.

Oct. 5, 1967 123

39.9 37.8 37.A 38.5 39.2 37.A 39.2 38.8 37.6 38.1  
4.0 3.1 6.5 5.4 4.7 4.5 4.7 5.1 6.6 5.8  
61 36 26 17 10 10 16 21 26

38.7 38.A  
5.2 5.5  
61 41

37.7 37.6 37.3 38.0 37.A 38.A 39.A 39.5 39.3 39.5 39.0 39.3  
5.0 4.6 4.4 6.7 7.3 6.3 5.3 5.2 5.4 5.2 5.7 5.4  
61 49 36 29 25 18 10 10 16 31 61

39.2 38.1 38.3 39.1 39.6 39.8 39.6 39.2 37.7 37.6 38.A  
5.5 6.6 6.4 5.6 5.1 4.9 5.1 5.5 7.0 7.1 6.3  
36 25 23 18 10 10 16 19 21 27

39.3 39.1  
5.4 5.6  
48 61

39.1 38.7  
5.6 6.0  
61 40

38.5 39.0 39.A 39.7 39.9 39.7 39.1 37.7 37.A 38.2  
6.2 5.7 5.3 5.0 4.8 5.0 5.6 7.0 7.3 6.5  
61 39 22 10 10 17 21 23 29

38.8 38.5  
5.9 6.2  
61 44

Sta +  $\pi$  - Elev.

944.68

158+61

159

✓

+50

✓

+73 MH 21' LT 6.75 37.93

+72 MH 21' RT 6.25 38.43

160

✓

T.P. 5.48 944.98 5.18 939.50

21.

Oct. 5, 1967

81. 124

36.4 37.1 37.4 39.3 39.8 40.0 39.8 39.2 38.9 38.7  
 8.3 7.6 7.3 5.4 4.9 4.7 4.9 5.5 5.8 6.0  
 61 45 26 17 10 10 21 36 61

36.2 36.9 37.1 39.5 40.0 40.2 40.0 39.5 37.6 37.8 38.4  
 8.5 7.8 7.6 5.2 4.7 4.5 4.7 5.2 7.1 6.9 6.3  
 61 42 26 17 10 10 17 21 28 43

37.5  
 7.2  
 61

38.1 37.5 37.7 39.7 40.2 40.4 40.2 39.7 37.9 37.7  
 6.6 7.2 7.0 5.0 4.5 4.3 4.5 5.0 6.8 7.0  
 37 29 24 18 10 10 17 22 28

37.4  
 7.3  
 61

38.9 39.5  
 5.8 5.2  
 61 39

38.3 38.8 38.7 38.8 39.8 40.1 40.6 40.4 40.1 38.6 38.2 40.6  
 6.4 5.9 6.0 5.9 4.9 4.3 4.1 4.3 4.6 6.1 6.5 4.1  
 41 30 27 19 10 10 16 21 26 38

41.0  
 3.7  
 61



Sta +  $\pi$  - Elev. 4627

944.98

160+30

+47

+56

} Ent Rt

+82

161

✓

Oct. 5, 1967

125

Lt.

£

RT

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 39.4 | 39.6 | 39.3 | 40.0 | 40.5 | 40.6 | 40.5 | 40.4 | 40.6 | 40.7 | 40.9 |
| 56   | 54   | 57   | 50   | 45   | 44   | 45   | 46   | 44   | 43   | 41   |
| 61   | 41   | 29   | 19   | 10   |      | 10   | 18   | 31   | 45   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 40.1 | 40.1 | 39.6 | 40.2 | 40.6 | 40.7 | 40.6 | 40.6 | 38.3 | 40.3 | 40.4 | 40.6 |
| 4.9  | 4.9  | 5.4  | 4.8  | 4.4  | 4.3  | 4.4  | 4.4  | 6.7  | 4.7  | 4.6  | 4.4  |
| 61   | 38   | 27   | 20   | 10   |      | 10   | 19   | 24   | 31   | 47   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 40.2 | 40.4 | 39.7 | 40.2 | 40.6 | 40.7 | 40.6 | 40.7 | 40.9 | 41.3 | 41.4 |
| 4.8  | 4.6  | 5.3  | 4.8  | 4.4  | 4.3  | 4.4  | 4.3  | 4.1  | 3.7  | 3.6  |
| 61   | 44   | 27   | 20   | 10   |      | 10   | 23   | 38   | 55   | 61   |

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 40.4 | 40.7 | 40.0 | 40.3 | 40.7 | 40.9 | 40.7 | 40.3 | 40.9 | 41.4 | 41.8 |
| 4.6  | 4.3  | 5.0  | 4.7  | 4.3  | 4.1  | 4.3  | 4.7  | 4.1  | 3.6  | 3.2  |
| 61   | 40   | 26   | 19   | 10   |      | 10   | 18   | 33   | 46   | 61   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 40.7 | 41.0 | 40.3 | 40.5 | 40.8 | 41.0 | 40.8 | 40.1 | 38.4 | 38.3 |
| 4.3  | 4.0  | 4.7  | 4.5  | 4.2  | 4.0  | 4.2  | 4.9  | 6.6  | 6.7  |
| 61   | 40   | 25   | 18   | 10   |      | 10   | 17   | 22   | 25   |

|      |      |      |
|------|------|------|
| 41.9 | 41.4 | 41.0 |
| 3.1  | 3.6  | 4.0  |
| 61   | 46   | 33   |

| Sta    | + | $\pi$  | -   | Elev. |
|--------|---|--------|-----|-------|
|        |   | 944.98 |     |       |
| 161+32 |   |        | 4.0 |       |

+53 Gutter Line

+54 MH 27' Rt. 4.33 940.65

+71  $\angle$  Co. Rd. "F"

+82

+91

BM 3.64 946.56 2.06 942.92

Lt.

Oct. 5, 1967

126

RT

| 40.6 | 40.9 | 40.3 | 40.5 | 40.8 | 41.0 | 40.8 | 40.3 | 40.3 | 39.9 | 39.9 |
|------|------|------|------|------|------|------|------|------|------|------|
| 4.4  | 4.1  | 4.7  | 4.5  | 4.2  | 4.0  | 4.2  | 4.7  | 4.7  | 5.1  | 5.1  |
| 61   | 39   | 23   | 17   | 10   |      | 10   | 16   | 21   | 25   | 27   |

| 41.6 | 41.2 | 41.0 |
|------|------|------|
| 3.4  | 3.8  | 4.0  |
| 61   | 49   | 35   |

| 38.8 | 39.4 | 40.3 | 40.9 | 41.1 | 41.0 | 40.7 | 40.7 | 40.8 |
|------|------|------|------|------|------|------|------|------|
| 6.2  | 5.6  | 4.7  | 4.1  | 3.9  | 4.0  | 4.3  | 4.3  | 4.2  |
| 61   | 43   | 25   | 10   |      | 10   | 25   | 45   | 61   |

| 39.1 | 39.7 | 40.5 | 41.0 | 41.3 | 41.1 | 41.0 | 41.1 | 41.1 |
|------|------|------|------|------|------|------|------|------|
| 5.9  | 5.3  | 4.5  | 4.0  | 3.7  | 3.9  | 4.0  | 3.9  | 3.9  |
| 61   | 45   | 26   | 10   |      | 10   | 29   | 45   | 61   |

| 38.8 | 39.0 | 40.3 | 41.1 | 41.3 | 41.1 | 40.7 | 40.7 | 40.7 |
|------|------|------|------|------|------|------|------|------|
| 6.2  | 6.0  | 4.7  | 3.9  | 3.7  | 3.9  | 4.3  | 4.3  | 4.3  |
| 61   | 51   | 28   | 10   |      | 10   | 29   | 41   | 61   |

| 39.4 | 39.6 | 39.2 | 40.3 | 41.2 | 41.3 | 41.1 | 40.7 | 39.2 | 39.6 | 39.4 | 39.3 |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 5.6  | 5.4  | 5.75 | 4.7  | 3.8  | 3.7  | 3.9  | 4.3  | 5.76 | 5.4  | 5.6  | 5.7  |
| 61   | 39   | 37   | 24   | 10   |      | 10   | 21   | 26   | 30   | 43   | 61   |
| CB   |      |      |      |      |      | SD   |      |      |      |      |      |

Top Hyd. NW Corner Co. Rd. "F" + White Bear Ave.



Sta +  $\pi$  - Elev.

946.56

162+00

+50

163

+50

Ent Rt.

164

✓

BM

3.10 943.46

Lt.

Oct. 5, 1967

At.

127

<sup>39.8</sup> <sup>40.3</sup> <sup>40.0</sup> <sup>39.7</sup> <sup>41.2</sup> <sup>41.4</sup> <sup>41.2</sup> <sup>40.7</sup> <sup>39.7</sup> <sup>40.2</sup> <sup>41.1</sup> <sup>41.2</sup>  
 68 63 66 69 54 52 54 59 69 64 55 54  
 61 37 32 27 10 10 20 24 26 34 61

<sup>40.5</sup> <sup>40.9</sup> <sup>40.6</sup> <sup>39.7</sup> <sup>39.7</sup> <sup>40.9</sup> <sup>41.4</sup> <sup>41.6</sup> <sup>41.4</sup> <sup>41.3</sup> <sup>40.0</sup> <sup>39.9</sup> <sup>40.9</sup> <sup>41.8</sup>  
 61 57 60 69 69 57 52 50 52 53 66 67 57 48  
 61 40 28 22 20 16 10 10 16 22 24 34 61

<sup>40.7</sup> <sup>40.9</sup> <sup>40.7</sup> <sup>39.8</sup> <sup>40.0</sup> <sup>41.4</sup> <sup>41.6</sup> <sup>41.9</sup> <sup>41.7</sup> <sup>41.3</sup> <sup>40.4</sup> <sup>40.3</sup> <sup>41.6</sup> <sup>42.1</sup>  
 5.9 5.7 5.9 6.8 6.6 5.2 5.0 4.7 4.9 5.3 6.2 6.3 5.0 4.5  
 61 43 29 23 20 16 10 10 17 22 27 41 61

<sup>40.6</sup> <sup>40.8</sup> <sup>40.2</sup> <sup>40.3</sup> <sup>41.5</sup> <sup>41.8</sup> <sup>42.0</sup> <sup>41.9</sup> <sup>42.0</sup> <sup>41.8</sup> <sup>42.0</sup>  
 6.0 5.8 6.4 6.3 5.1 4.8 4.6 4.7 4.6 4.8 4.6  
 61 36 23 20 15 10 10 17 37 61

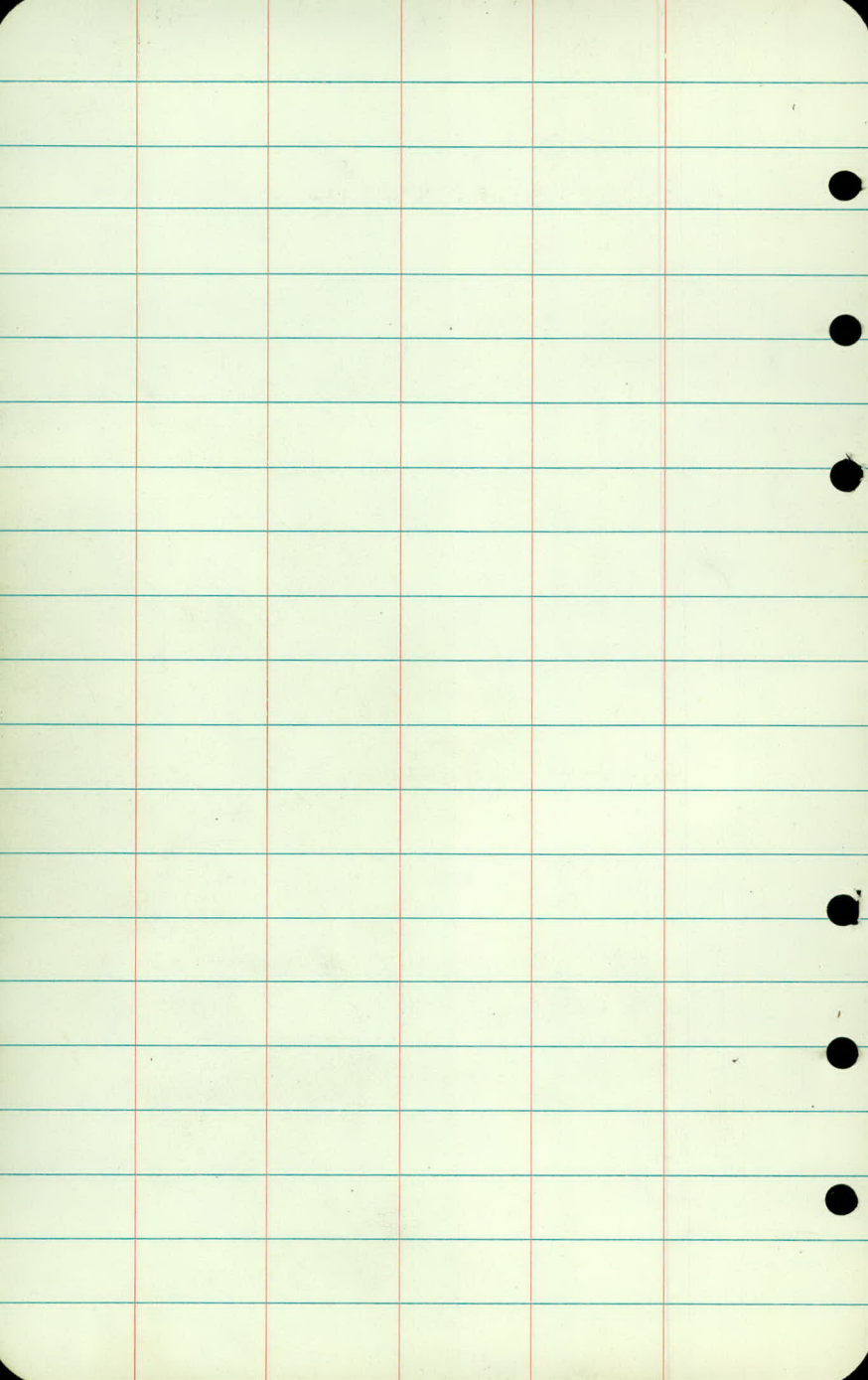
<sup>40.6</sup> <sup>39.7</sup> <sup>39.6</sup> <sup>41.7</sup> <sup>42.0</sup> <sup>42.2</sup> <sup>42.0</sup> <sup>41.9</sup> <sup>40.7</sup> <sup>40.7</sup>  
 6.0 6.9 7.0 4.9 4.6 4.4 4.6 4.7 5.9 5.9  
 29 22 20 15 10 10 18 23 25

<sup>41.2</sup> <sup>40.8</sup>  
 54 58  
 42 61

<sup>42.3</sup> <sup>41.7</sup>  
 4.3 4.9  
 61 32

Top N.W. Corner Conc. Ent. Ho<sup>#</sup> 4104 W. B. Ave.

4104



White Bear Ave.

TH 694 to Co Rd E

Culvert Location



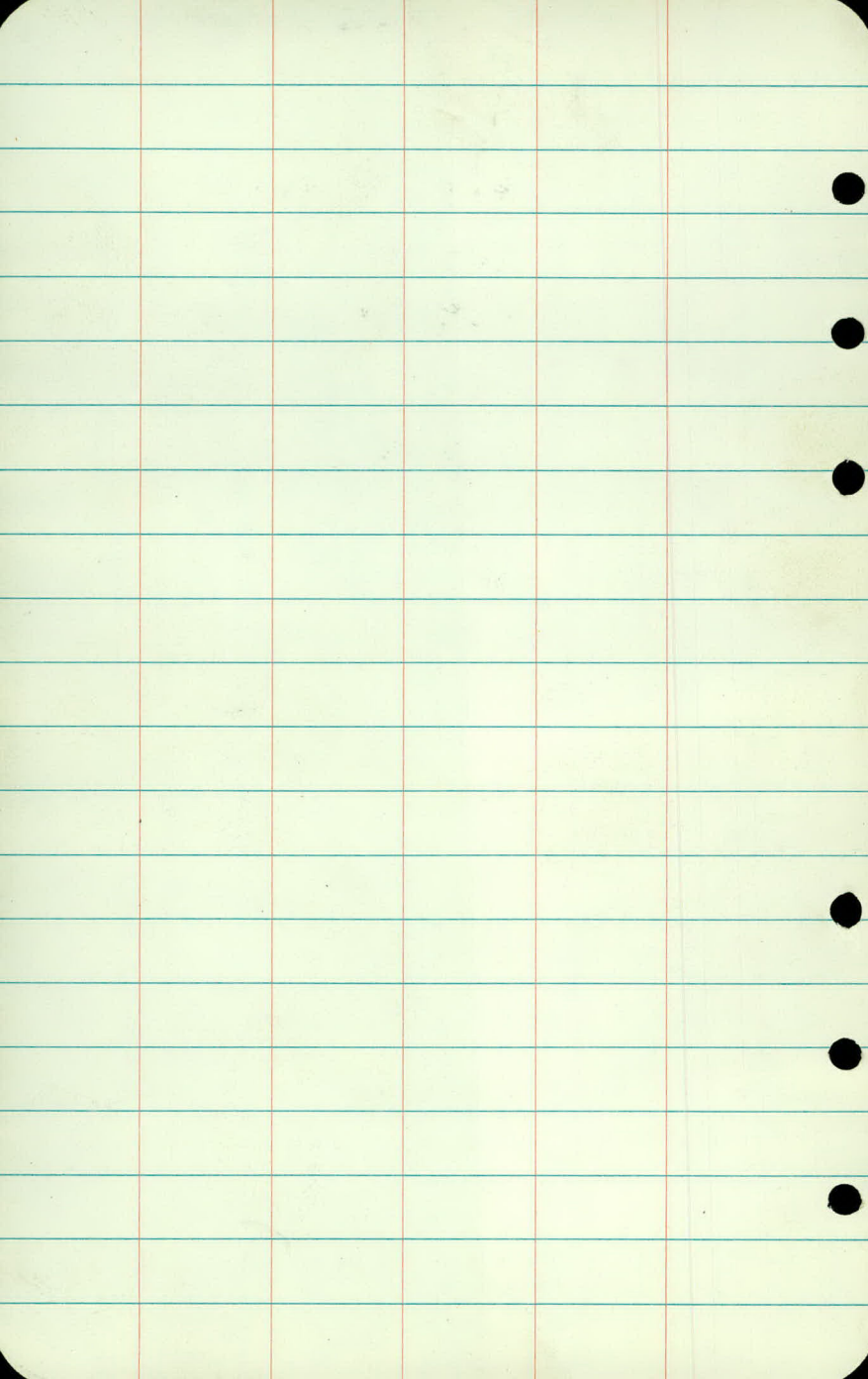
Sta +  $\pi$  - Elev.

72+21 X-Drain No evidence of  
Any Culvert whatsoever

92+54 24" SCP X-Drain  
In X-Sections

FK  
WM  
WJ

March 11, 1968 129  
2







Sta +  $\pi$  - Elev.

BM 3.62952.40

(948.78)

110+79 MH 20' Lt 6.07

111  $\pm$  Check 5.12

10. Adj Rings

9" Casting

eccentric Cone

Full of Liquid &

110+83 Pull box 14' Lt

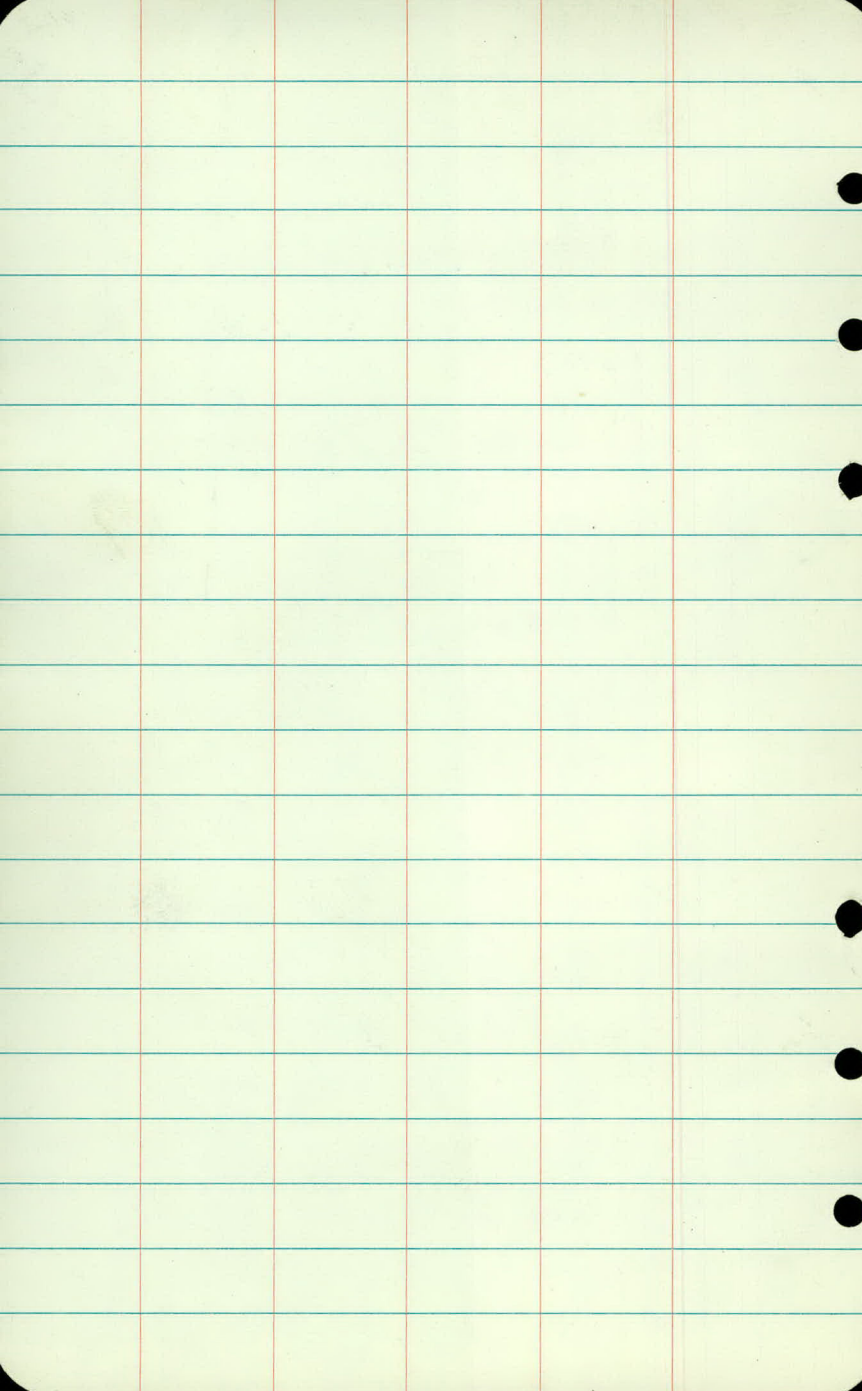
FK  
2 PD  
WM

March 14, 1968

131

+

Top Hyd NE Corner Spruce Place & W.B.A.



FK  
WM  
WJ

March 22, 1968

132

1-  
5

White Bear Ave.

X-section Extensions

TH 694 to "F"



Sta +  $\pi$  - Elev

BM 2.07 940.18

(938.11)

Inv. 24" SCP

10.72

929.46

72+28.6, Rt. 27.5'

Inv 24" SCP

12.69

27.46

Water Surface

10.46

29.72

72  $\pm$  check

4.19

35.99

E/M St. x-sections

BM 4.44 48.24

(943.8)

0+53

+75

FK  
WM  
LPD

March 25, 1968 133  
2

Top Hyd. N.W. Corner Belland Ave & W.B.Ave.

outlet

East End Abandon X-Drain

Hanalei Lake

South  
Lt

£

North  
Rt

96+00 £

26  
50  
A2.5 A2.2 A1.4 A1.1 A2.1 A2.9 A3.2 A2.9 A2.8 A3.3 A3.6 A3.7  
5.7 6.0 6.8 6.8 5.8 5.3 5.0 5.3 5.4 4.9 4.6 4.5  
39 27 23 19 16 10 9 17 26 41 50

50  
A2.5 A2.1 A1.9 A1.3 A2.0 A2.6 A3.1 A2.7 A2.7 A3.4 A3.6 A3.7  
5.7 5.8 6.3 6.9 6.2 5.6 5.1 5.5 5.5 4.8 4.7 4.4  
50 37 25 21 16 11 11 18 26 35 50

Corr Ent

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |       |  |  |
|--|--|-------|--|--|
|  |  | 48.24 |  |  |
|--|--|-------|--|--|

|      |  |  |  |  |
|------|--|--|--|--|
| 1+00 |  |  |  |  |
|------|--|--|--|--|

|   |  |  |  |  |
|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |   |  |  |  |
|----|---|--|--|--|
| 95 | £ |  |  |  |
|----|---|--|--|--|

|  |  |      |  |  |
|--|--|------|--|--|
|  |  | 5.51 |  |  |
|--|--|------|--|--|

|              |  |  |  |  |
|--------------|--|--|--|--|
| ORCHARD LANE |  |  |  |  |
|--------------|--|--|--|--|

|    |      |        |  |  |
|----|------|--------|--|--|
| BM | 4.84 | 949.16 |  |  |
|----|------|--------|--|--|

|  |  |  |        |  |
|--|--|--|--------|--|
|  |  |  | 944.32 |  |
|--|--|--|--------|--|

|      |  |  |  |  |
|------|--|--|--|--|
| 0+53 |  |  |  |  |
|------|--|--|--|--|

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|-----|--|--|--|--|
| +75 |  |  |  |  |
|-----|--|--|--|--|

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|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| BM |  |  |  |  |
|----|--|--|--|--|

|  |  |      |        |  |
|--|--|------|--------|--|
|  |  | 2.39 | 946.77 |  |
|--|--|------|--------|--|

South  
Lt

March 25, 1968 134  
North  
RT 3

✓  
A2.6 A2.3 A1.9 A2.2 A2.8 A3.1 A2.6 A2.4 A3.1 A3.6 A3.8  
5.6 5.9 6.3 6.0 5.4 5.1 5.6 5.8 5.1 4.6 4.4  
38 35 19 17 11 11 18 29 40 50

A2.63 A2.70  
→ 5.61 5.54  
42 50  
Cing Ent

A4.3  
3.90  
Garage  
61 Apron

Top Iron Monument at Orchard & W. B. Ave.

/  
AA.6 A3.8 A3.1 A3.6 A3.5 A3.8 AA.0 A3.9 AA.2 AA.8 AA.3 AA.4  
4.6 5.4 6.1 5.6 5.7 5.4 5.2 5.3 5.0 4.4 4.9 4.8  
50 35 24 8 5 6 16 22 25 38 50

/  
A5.3 A3.7 A3.0 A3.2 A3.0 A3.2 A3.5 A3.6 A3.7 AA.3  
3.9 5.5 6.2 6.0 6.2 6.0 5.7 5.6 5.5 4.9  
A2 29 23 8 6 6 16 22 25

46.1  
→ 3.1  
50

A3.6 A3.7  
5.6 5.5  
50 35



Sta +  $\pi$  - Elev.

949.16

1+00

✓

BM

2.39 946.77

946.74

946.81

111+79

SPRUCE PLACE West

BM 2.89 951.67

948.78

5+50

✓

+75

South Lt

March 25, 1968 135  
North Rt 4

| A3.4 | A2.6 | A2.6 | A2.3 | A2.4 | A2.6 | A2.9 | A2.8 | A2.9 | A3.6 |
|------|------|------|------|------|------|------|------|------|------|
| 5.8  | 6.6  | 6.6  | 6.9  | 6.8  | 6.6  | 6.3  | 6.4  | 6.3  | 5.6  |
| 32   | 24   | 10   | 6    | 5    |      | 6    | 16   | 22   | 26   |

A5.0

4.2

50

A2.5

6.7

A2.7

6.5

50

35

Top Hyd N.W. Corner Orchard Lane & W.B.Ave

Top Hyd NE Corner Spruce Place & W.B.Ave

| A7.0 | A6.4 | A6.0 | A6.2 | A6.1 | A6.4 | A6.0 | A5.9 | A6.4 | A6.3 |
|------|------|------|------|------|------|------|------|------|------|
| 4.7  | 5.3  | 5.7  | 5.5  | 5.6  | 5.3  | 5.7  | 5.8  | 5.3  | 5.4  |
| 38   | 34   | 27   | 16   | 15   |      | 13   | 16   | 20   | 31   |

A7.1

4.6

50

A5.7

6.0

50

| A7.4 | A6.7 | A6.2 | A5.9 | A5.7 | A6.1 | A5.6 | A5.9 | A6.2 | A5.9 |
|------|------|------|------|------|------|------|------|------|------|
| 4.3  | 3.0  | 5.5  | 5.8  | 6.0  | 5.6  | 6.1  | 5.8  | 5.5  | 5.8  |
| 37   | 33   | 25   | 14   | 13   |      | 14   | 18   | 30   | 50   |

A7.5

4.2

50

112+11 SPRUCE PLACE EAST

Sta +  $\pi$  - Elev

951.67

0+50

+75

✓

112 £ check 4,76 946.91

North Lt

March 25, 1968 136  
 South Rt 5

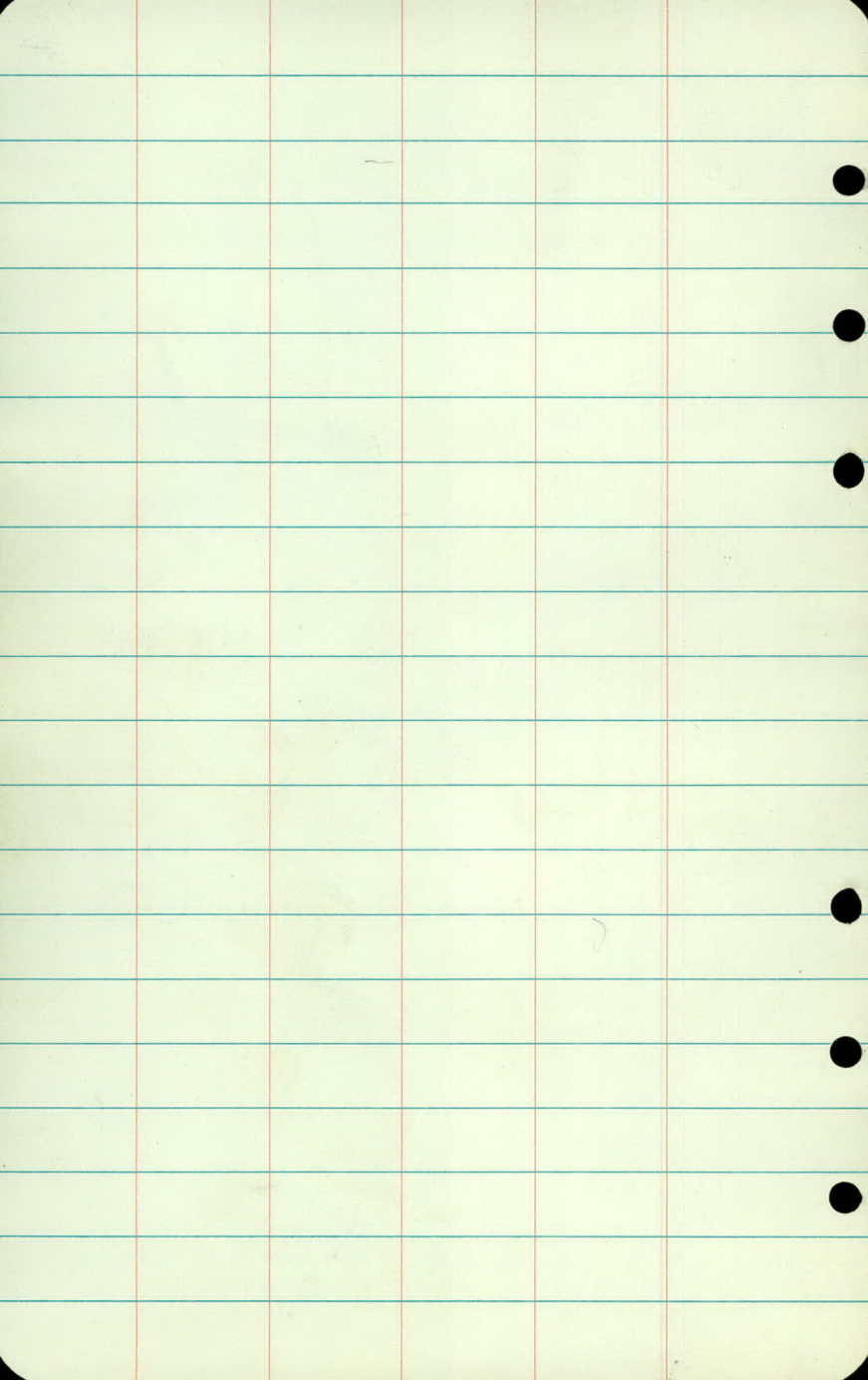
|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A7.0 | 46.3 | 44.6 | 44.4 | 46.3 | 46.7 | 46.3 | 45.6 | 46.6 | 47.3 |
| 47   | 54   | 71   | 73   | 54   | 50   | 54   | 61   | 51   | 44   |
| 50   | 37   | 27   | 23   | 13   |      | 13   | 27   | 37   | 50   |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A5.5 | 44.7 | 44.6 | 45.8 | 46.1 | 46.5 | 46.4 | 45.8 | 47.0 | 47.5 |
| 62   | 70   | 69   | 59   | 56   | 52   | 53   | 59   | 47   | 42   |
| 29   | 26   | 21   | 16   | 13   |      | 12   | 24   | 35   | 43   |

B/dg

|      |      |
|------|------|
| A6.8 | A7.4 |
| 49   | 43   |
| 37   | 50   |





Additional X-Sections  
Through  
SPRUCE PLACE

Sta +  $\pi$  - Elev.

B.M. 341 952.19

948.78

111+75

86

112

11

24

34 ✓

42

+86

✓

+92 S.D. 247' Rt 6.46

✓

112

PK  
LPO  
WS  
GMA

2

April 15, 1968

RT

138  
2

Top Hyd NE Corner Spruce Place & W.B. Ave

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 47.0 | 46.8 | 46.3 | 45.4 | 45.6 | 46.4 | 47.0 |
| 5.3  | 5.5  | 5.9  | 6.8  | 6.6  | 5.6  | 5.2  |
|      | 10   | 17   | 26   | 36   | 58   | 81   |

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 46.8 | 46.4 | 46.8 | 47.3 | 47.3 | 47.2 |
| 5.4  | 5.6  | 5.4  | 4.9  | 4.9  | 5.0  |
| 200  | 187  | 163  | 142  | 119  | 100  |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 46.8 | 46.6 | 46.0 | 45.6 | 45.7 | 45.7 | 45.8 |
| 5.4  | 5.6  | 6.2  | 6.6  | 6.5  | 6.5  | 6.4  |
|      | 10   | 32   | 57   | 84   | 100  | 122  |

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 46.2 | 46.2 | 46.1 | 46.1 | 46.1 | 46.0 |
| 6.0  | 6.0  | 6.1  | 6.1  | 6.1  | 6.2  |
| 241  | 222  | 200  | 191  | 168  | 144  |

|      |      |      |
|------|------|------|
| 46.3 | 46.3 | 46.4 |
| 5.9  | 5.9  | 5.8  |
| 265  | 286  | 300  |

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 46.9 | 46.8 | 46.7 | 46.5 | 46.3 | 46.2 | 46.1 | 46.1 |
| 5.3  | 5.4  | 5.5  | 5.7  | 5.9  | 6.0  | 6.1  | 6.1  |
|      | 10   | 29   | 51   | 77   | 100  | 124  | 147  |



| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 952.19 |  |  |
|--|--|--------|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 112 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +11 |  |  |  |  |
|-----|--|--|--|--|

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| ✓ |  |  |  |  |
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|-----|--|--|--|--|
| +24 |  |  |  |  |
|-----|--|--|--|--|

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|---|--|--|--|--|
| ✓ |  |  |  |  |
|---|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +34 |  |  |  |  |
|-----|--|--|--|--|

2

April 15, 1968

139  
3

RT

| Al.2 | Al.3 | Al.3 | Al.2 | Al.2 | Al.2 |
|------|------|------|------|------|------|
| 6.0  | 5.9  | 5.9  | 6.0  | 6.0  | 6.0  |
| 174  | 200  | 222  | 249  | 272  | 300  |

| Al.9 | Al.8 | Al.7 | Al.7 | Al.5 | Al.4 | Al.3 | Al.3 |
|------|------|------|------|------|------|------|------|
| 5.3  | 5.4  | 5.5  | 5.5  | 5.7  | 5.8  | 5.9  | 5.9  |
| 10   | 32   | 57   | 80   | 100  | 126  | 151  |      |

| Al.5 | Al.4 | Al.3 | Al.3 | Al.3 | Al.3 |
|------|------|------|------|------|------|
| 5.7  | 5.8  | 5.9  | 5.9  | 5.9  | 5.9  |
| 300  | 270  | 249  | 225  | 200  | 175  |

| Al.9 | Al.8 | Al.7 | Al.3 | Al.0 | Al.9 | Al.7 |
|------|------|------|------|------|------|------|
| 5.3  | 5.4  | 5.5  | 5.9  | 6.2  | 6.3  | 6.5  |
| 10   | 29   | 54   | 75   | 100  | 128  |      |

| Al.0 | Al.8 | Al.7 | Al.7 | Al.6 | Al.6 | Al.6 |
|------|------|------|------|------|------|------|
| 6.2  | 6.4  | 6.5  | 6.5  | 6.6  | 6.6  | 6.6  |
| 300  | 275  | 247  | 224  | 200  | 172  | 150  |

| Al.9 | Al.8 | Al.5 | Al.1 | Al.6 | Al.3 | Al.4 | Al.7 |
|------|------|------|------|------|------|------|------|
| 5.3  | 5.4  | 5.7  | 7.1  | 8.6  | 7.9  | 7.8  | 7.5  |
| 10   | 18   | 26   | 30   | 48   | 68   | 86   |      |

| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 952.19 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 112+34 |  |  |  |  |
|--------|--|--|--|--|

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| ✓ |  |  |  |  |
|---|--|--|--|--|

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|-----|--|--|--|--|
| +42 |  |  |  |  |
|-----|--|--|--|--|

April 15, 1968 140 A  
Rt

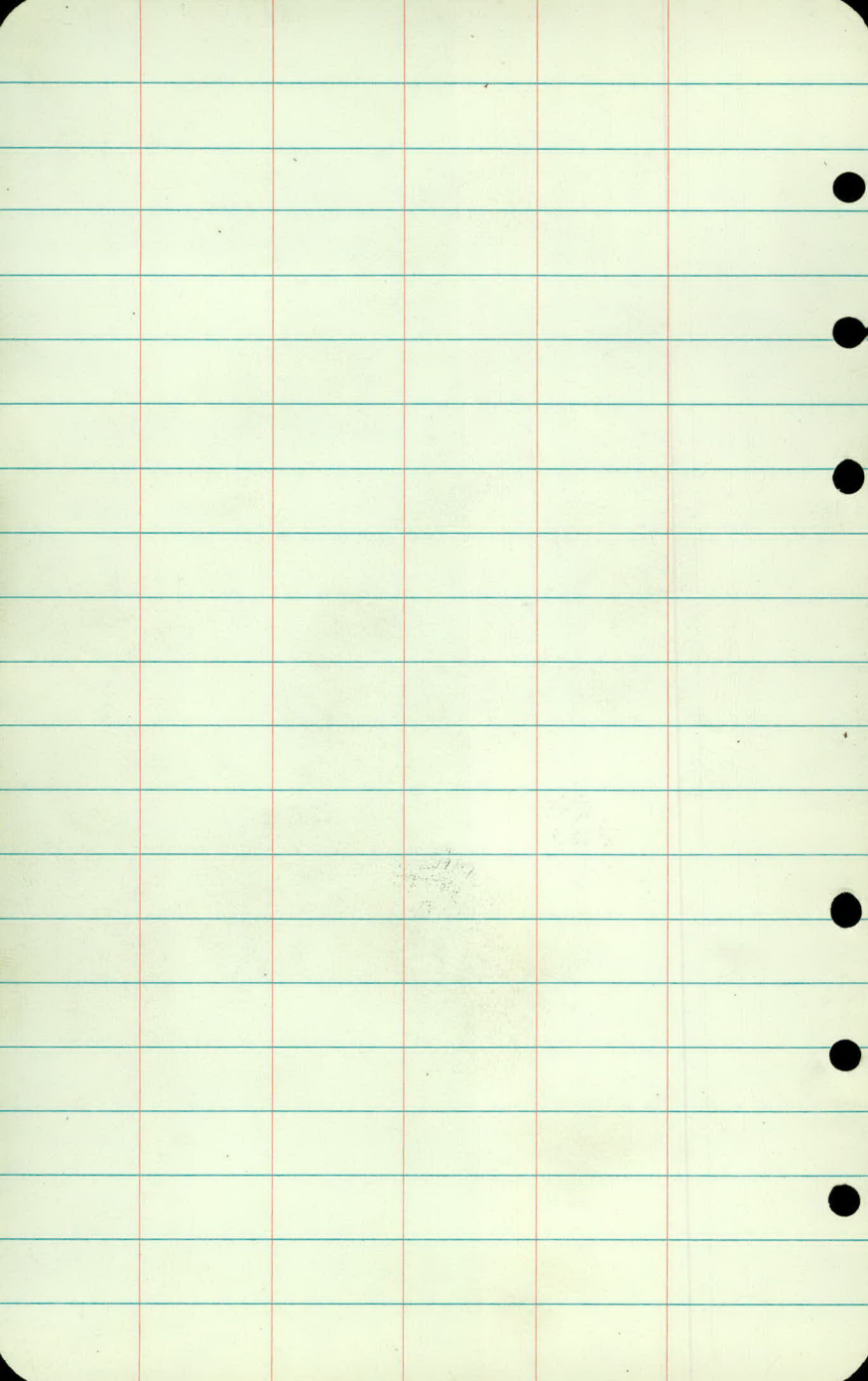
|      |      |         |      |      |      |      |
|------|------|---------|------|------|------|------|
| 44.6 | 44.1 | 45.7    | 46.0 | 45.9 | 44.3 | 44.5 |
| 7.6  | 8.07 | 6.5     | 6.2  | 6.3  | 7.92 | 7.7  |
| 100  | 100  | 104     | 118  | 134  | 137  | 137  |
|      | Inv  | Bit Ent |      |      | Inv  |      |

|      |      |      |      |      |
|------|------|------|------|------|
| 45.0 | 45.2 | 45.1 | 45.0 | 44.8 |
| 7.2  | 7.0  | 7.1  | 7.2  | 7.4  |
| 250  | 225  | 200  | 184  | 158  |

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 46.8 | 46.7 | 46.6 | 47.3 | 44.0 | 45.1 | 45.7 | 46.3 |
| 54   | 5.5  | 5.6  | 8.9  | 8.2  | 7.1  | 6.5  | 5.9  |
| 10   | 15   | 26   | 32   | 49   | 68   | 89   |      |
|      |      |      |      |      |      |      | Bit  |

|      |      |      |      |      |
|------|------|------|------|------|
| 45.9 | 46.0 | 46.1 | 46.4 | 46.3 |
| 6.3  | 6.2  | 6.1  | 5.8  | 5.9  |
| 200  | 172  | 149  | 123  | 100  |
| Bit  |      |      |      |      |





WHITE BEAR AVE.

Additional x-sections

At Spruce Place

4

96 + 40

97 + 60

| Sta | +    | $\pi$  | - | Elev.  |
|-----|------|--------|---|--------|
| BM  | 3.71 | 952.49 |   | 948.78 |

1+00 at Culvert.

+06

+20

✓

+06 Edge Ent

+20 Aprox  $\pm$  Ent. Lt.

Lt

April 17, 1968 142  
RT

Top Hyd N.E. Corner Spruce Place & WBAve.

914

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| A4.7 | A5.6 | A5.9 | A6.3 | A6.2 | A5.7 | A6.8 | A7.3 | A7.5 |
| 7.8  | 6.9  | 6.6  | 6.2  | 6.3  | 6.8  | 5.7  | 5.2  | 30   |
| 23   | 16   | 14   |      | 9    | 21   | 31   | 38   | 42   |
|      |      |      |      |      |      |      |      | Bldg |

W.E. Culv

|        |      |      |
|--------|------|------|
| A6.0   | A7.1 | A7.9 |
| 6.5    | 5.4  | 4.6  |
| 28     | 45   | 71   |
| office |      |      |

|        |     |     |      |      |      |      |      |      |     |      |
|--------|-----|-----|------|------|------|------|------|------|-----|------|
| A7.9   | A7A | A6A | A5.7 | A5.8 | A6.3 | A6.2 | A5.7 | A6.8 | A7A | A7.7 |
| 4.6    | 5.1 | 6.1 | 6.8  | 6.7  | 6.2  | 6.3  | 6.8  | 5.7  | 5.1 | 4.8  |
| 71     | 50  | 31  | 21   | 14   |      | 10   | 21   | 31   | 36  | 42   |
| office |     |     |      |      |      |      |      |      |     | Bldg |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| A7.8 | A7.3 | A6.0 | A5.7 | A6.3 | A6.1 | A5.8 | A7.0 | A7.3 | A7.6 |
| 4.7  | 5.2  | 6.5  | 6.8  | 6.2  | 6.4  | 6.7  | 5.5  | 5.2  | 4.9  |
| 71   | 50   | 24   | 14   |      | 9    | 20   | 31   | 35   | 42   |
| Fe   |      |      |      |      |      |      |      |      | Bldg |



BM

4.76

48.56

43.8

96+60

97+60

97+00

3.34

£

April 17  
RT

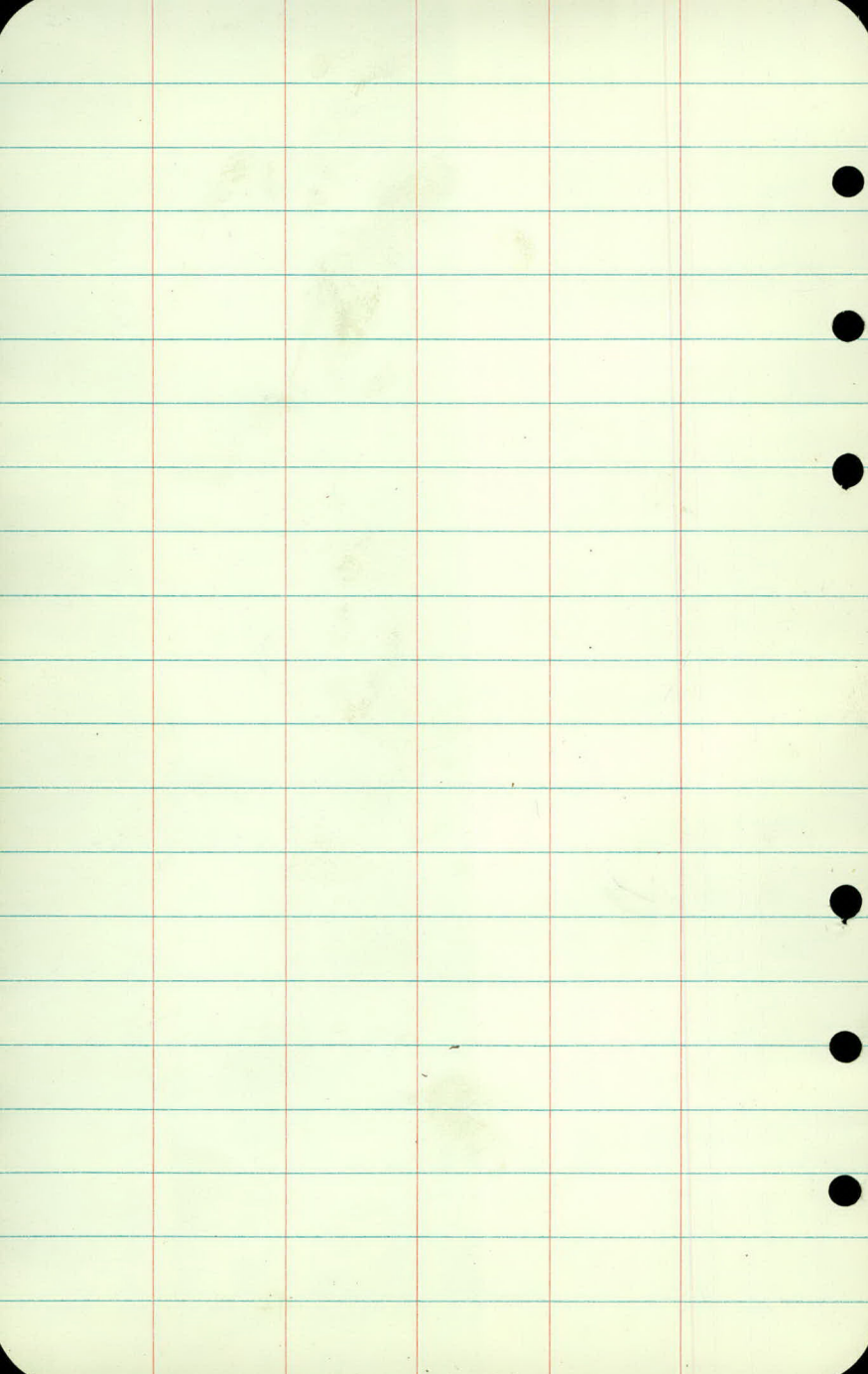
143

96+00 £

|      |      |     |      |      |      |      |
|------|------|-----|------|------|------|------|
| AA.7 | AA.6 | AAA | 40.1 | 41.0 | 41.5 | A2.4 |
| 3.9  | 4.0  | 4.2 | 8.5  | 7.6  | 7.1  | 6.4  |
|      | 10   | 15  | 23   | 46   | 65   | 85   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| A6.1 | A6.2 | A6.0 | A1.4 | A2.1 | A2.7 | A3.8 |
| 2.5  | 2.6  | 2.8  | 7.2  | 6.5  | 5.9  | 4.8  |
|      | 10   | 16   | 25   | 53   | 65   | 90   |

£ Check



April 24, 1968

144  
+

White Bear Ave.

Additional X-Sections



Sta + π - Elev.

BM 1.83 939.94

(938.11)

72+48

✓

East on Orchard St.

BM 0.55 947.36

(946.81)

0+00 E.W. B. Ave. 2.83 4453

0+50

1+00

+50

FK  
WS  
GA

April 24, 1968  
Snowing

145  
2

Top Hyd. N.W. Corner Belland Ave.

|       |      |      |       |      |      |          |
|-------|------|------|-------|------|------|----------|
| 34.69 | 35.2 | 35.7 | 35.99 | 35.8 | 35.5 | 32.5x    |
| 5.25  | 4.7  | 4.2  | 3.95  | 4.1  | 4.4  | 7.40     |
| 48    | 33   | 10   |       | 10   | 15   | 24       |
| MH    |      |      |       |      |      | Headwall |
|       |      |      |       |      | 29.5 | 30.68    |
|       |      |      |       |      | 10.4 | 9.26     |
|       |      |      |       |      | 27   | 26       |
|       |      |      |       |      |      | Water S. |

Top Hyd N.W. Corner Orchard

|      |      |      |      |       |      |      |      |
|------|------|------|------|-------|------|------|------|
| 42.0 | 42.2 | 42.2 | 42.6 | 42.4  | 41.9 | 41.3 | 41.2 |
| 5.4  | 5.1  | 5.2  | 4.8  | 5.0   | 5.5  | 6.1  | 6.2  |
| 33   | 27   | 16   |      | 26    | 41   | 50   |      |
|      |      | Ent  |      |       |      |      |      |
| 41.1 | 41.2 | 41.3 | 40.8 | 40.8  | 40.5 | 42.2 | 41.7 |
| 6.3  | 6.2  | 6.1  | 6.6  | 6.6   | 6.9  | 5.2  | 5.7  |
| 33   | 29   | 19   | 6    | 13    | 34   | 36   | 50   |
|      |      | Ent  |      |       |      |      |      |
| 37.9 | 37.9 | 38.0 | 36.6 | 37.2  | 38.0 | 38.0 | 36.5 |
| 9.5  | 9.5  | 9.4  | 10.8 | 10.8  | 9.4  | 9.4  | 10.9 |
| 38   | 30   | 20   | 11   | 12    | 22   | 29   | 33   |
|      |      | Ent  |      |       |      |      |      |
|      |      |      |      | Water |      |      |      |
|      |      |      |      | 53    |      |      |      |
|      |      |      |      |       | 13.2 |      |      |
|      |      |      |      |       | 50   |      |      |
|      |      |      |      |       |      | 11.7 |      |
|      |      |      |      |       |      | 40   |      |

Sta +  $\pi$  - Elev.

947.36

1+75

2

+30

April 23, 1968

146  
2

LT

E

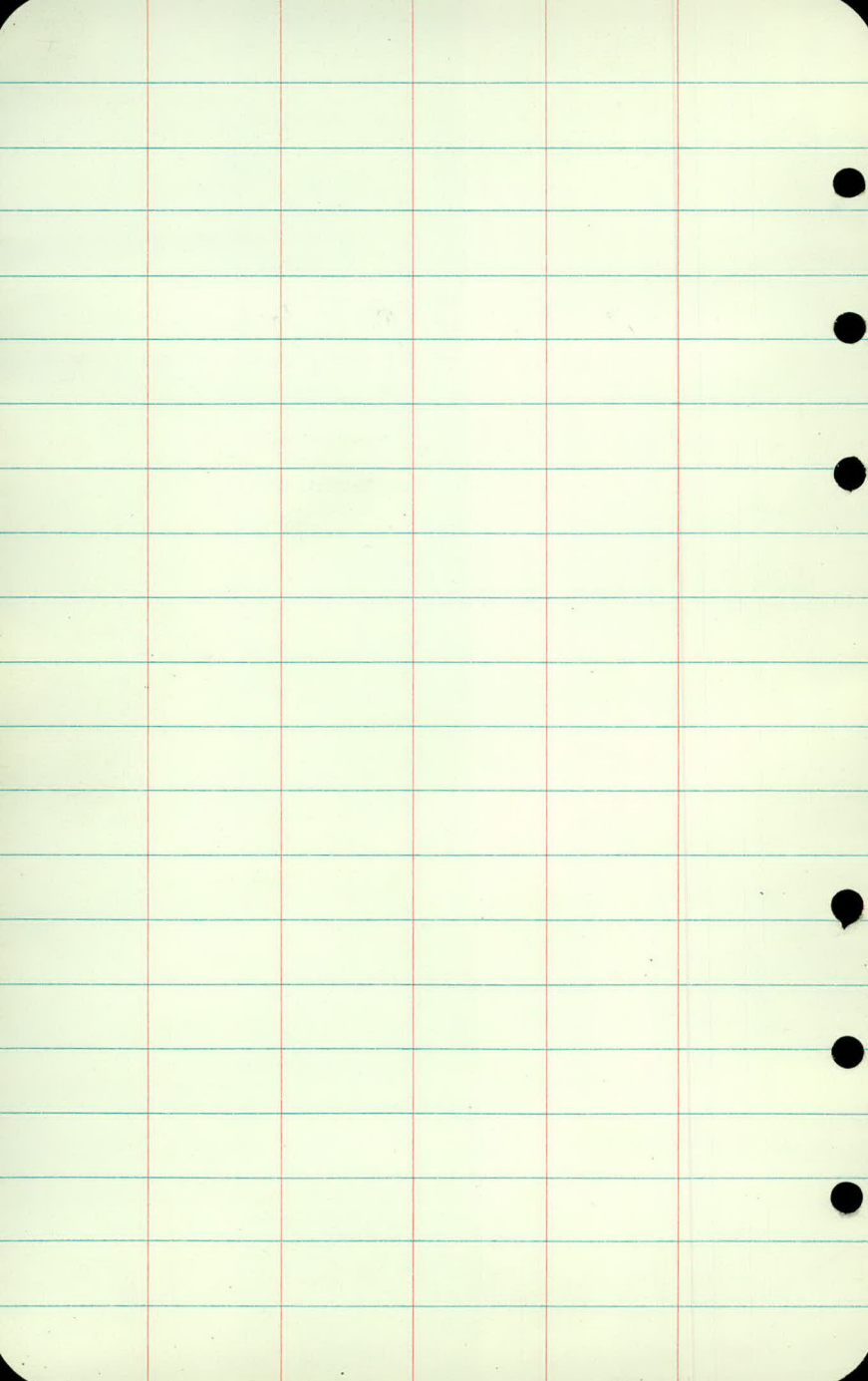
RT

| <sup>36.3</sup> | <sup>36.2</sup> | <sup>35.2</sup> | <sup>35.2</sup> | <sup>35.0</sup> | <sup>34.1</sup> | <sup>33.09</sup> |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| 11.1            | 11.2            | 12.2            | 12.2            | 12.4            | 13.3            | 14.27            |
| 3.3             | 26              | 19              |                 | 16              | 24              | 33               |
|                 |                 |                 |                 |                 |                 | Waters.          |

| <sup>35.4</sup> | <sup>34.1</sup> | <sup>34.0</sup> | <sup>34.3</sup> | <sup>33.9</sup> |     |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| 12.0            | 12.7            | 12.6            | 13.1            | 13.5            | W.S |
| 33              | 18              |                 | 12              | 16              | 18  |

Water  
E





3-14-68

147

~~a~~

White Bear Ave

Drainage

$\pi$  in Yard

$0^\circ$  = Magnetic North

|            |         |     |
|------------|---------|-----|
| sta 93     | 75°10'  | 91  |
| " 92       | 127°35' | 125 |
| " 91       | 148° -  | 207 |
| by Culvert | 112°    | 70  |
| GE         | 150°    | 35  |
| Ent        | 158°    | 45  |
| G.E.       | 60° -   | 20  |
| Ent        | 39° -   | 2.3 |
| Cesspool   | 284° -  | 25  |
| Garage     | 282° -  | 57  |
| GE         | 258     | 83  |
| " "        | 242     | 150 |
| " "        | 229     | 144 |
| GE         | 224     | 200 |
| GE         | 213     | 248 |
| Low Spot   | 205°    | 214 |
| GE "       | 177°    | 145 |

3-14-68

148  
b

0.7

0.92

0.89

4.4

6.2

4.1

5.3

3.4

5.3

3.5

4.3

4.5

6.3

6.0

5.7

7.0

6.0



|      |      |     |
|------|------|-----|
| G.E. | 176° | 224 |
|------|------|-----|

|  |      |     |
|--|------|-----|
|  | 160° | 215 |
|--|------|-----|

|  |      |     |
|--|------|-----|
|  | 152° | 143 |
|--|------|-----|

|  |      |    |
|--|------|----|
|  | 164° | 98 |
|--|------|----|

|         |      |             |
|---------|------|-------------|
| Profile | S.W. | from Garden |
|---------|------|-------------|

|     |     |  |
|-----|-----|--|
| 5.6 | 7.0 |  |
|-----|-----|--|

|       |     |  |
|-------|-----|--|
| Patio | 5.8 |  |
|-------|-----|--|

|       |     |  |
|-------|-----|--|
| Birch | 6.2 |  |
|-------|-----|--|

|     |     |  |
|-----|-----|--|
| Pen | 6.6 |  |
|-----|-----|--|

|           |     |  |
|-----------|-----|--|
| Raspberry | 7.4 |  |
|-----------|-----|--|

|         |     |  |
|---------|-----|--|
| Pasture | 7.8 |  |
|---------|-----|--|

|  |     |  |
|--|-----|--|
|  | 7.6 |  |
|--|-----|--|

|  |     |  |
|--|-----|--|
|  | 8.0 |  |
|--|-----|--|

|  |     |  |
|--|-----|--|
|  | 5.3 |  |
|--|-----|--|

3-14-68

149

e

3.0

2.6

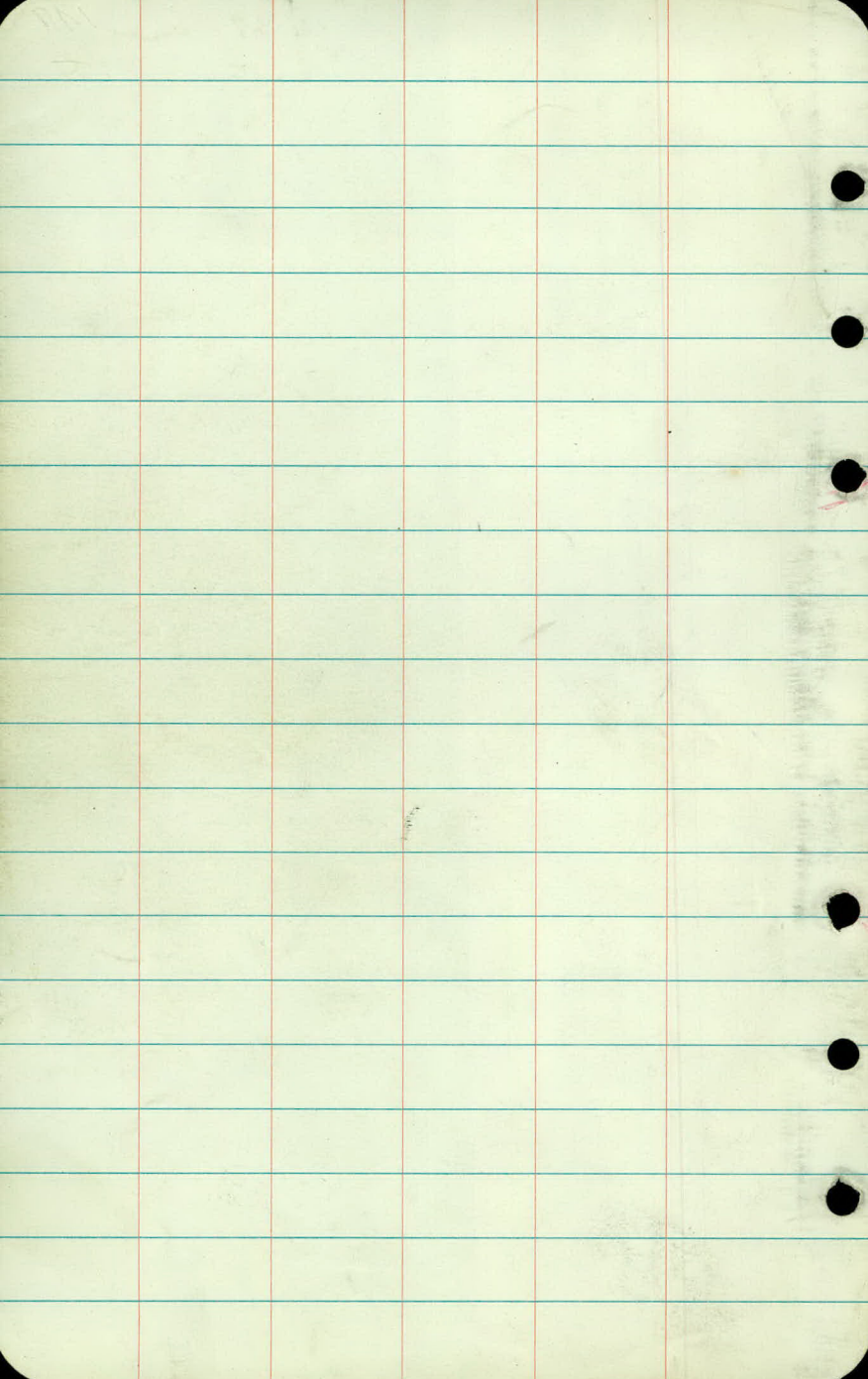
2.9

3.7

5.6 = 7.0

4.2

1.4



WHITE BEAR AVE.

T.H. No. 694 to Co. Rd "F"

PROFILE

OK Save  
~~VOIDED~~  
10-9-67



| Sta | + | - | Elev. |
|-----|---|---|-------|
|-----|---|---|-------|

|    |      |        |  |
|----|------|--------|--|
| BM | 4.53 | 951.38 |  |
|----|------|--------|--|

947.05

|            |  |  |  |
|------------|--|--|--|
| Culvert Rt |  |  |  |
|------------|--|--|--|

8.14

AA  
943.43

943.63

|             |  |  |  |
|-------------|--|--|--|
| Culvert Lt. |  |  |  |
|-------------|--|--|--|

9.59

941.99

942.42

|    |      |        |  |
|----|------|--------|--|
| TP | 6.00 | 951.49 |  |
|----|------|--------|--|

5.91

945.67

945.49

|            |  |  |  |
|------------|--|--|--|
| Culvert Rt |  |  |  |
|------------|--|--|--|

13.37

938.30

938.35

|            |  |  |  |
|------------|--|--|--|
| Culvert Lt |  |  |  |
|------------|--|--|--|

10.36

941.31

941.29

|    |      |        |  |
|----|------|--------|--|
| TP | 2.19 | 948.68 |  |
|----|------|--------|--|

5.00

946.49

|          |  |  |  |
|----------|--|--|--|
| 68+27.58 |  |  |  |
|----------|--|--|--|

7.0

41.7

|    |  |  |  |
|----|--|--|--|
| 69 |  |  |  |
|----|--|--|--|

8.6

40.1

|    |      |        |  |
|----|------|--------|--|
| BM | 3.44 | 942.68 |  |
|----|------|--------|--|

9.44

939.24

+33 Curb Line

+47  $\nabla$

+64

FK  
WM  
LPD  
WJ

July 7, 1967

2

HL Top Drill Hole Sta 54+81.22 E

Spike in E. Side R.P.

Spike in W. Side Arc Lt. N.W. Cor W.B. Court

|      |      |      |      |      |
|------|------|------|------|------|
| 39.9 | 39.8 | 39.5 | 39.4 | 39.5 |
| 2.8  | 2.9  | 3.2  | 3.3  | 3.2  |
| 100  | 75   | 50   | 32   |      |

Curb

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 39.7 | 39.4 | 39.1 | 39.2 | 38.9 | 39.2 |
| 3.0  | 3.3  | 3.6  | 3.50 | 3.8  | 3.5  |
| 100  | 75   | 50   | 41   | 25   |      |

MH

|      |      |      |      |      |
|------|------|------|------|------|
| 39.8 | 39.7 | 39.4 | 39.0 | 39.8 |
| 2.9  | 3.0  | 3.3  | 3.7  | 3.9  |
| 100  | 76   | 50   | 32   |      |

| Sta | + | $\Delta$ | - | Elev. |
|-----|---|----------|---|-------|
|-----|---|----------|---|-------|

942.68

|    |  |  |     |      |
|----|--|--|-----|------|
| 70 |  |  | 4.6 | 38.1 |
|----|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 71 |  |  | 6.0 | 36.7 |
|----|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 72 |  |  | 6.7 | 36.0 |
|----|--|--|-----|------|

|    |      |        |      |        |
|----|------|--------|------|--------|
| BM | 3.27 | 941.38 | 4.57 | 938.11 |
|----|------|--------|------|--------|

|                     |  |  |       |  |
|---------------------|--|--|-------|--|
| F.L. Outlet Control |  |  | 11.93 |  |
|---------------------|--|--|-------|--|

+42 Curb Line

|                  |  |  |      |  |
|------------------|--|--|------|--|
| +46 M.H. 48' Lt. |  |  | 6.71 |  |
|------------------|--|--|------|--|

+58  $\pm$  Belland Ave

+73

|    |  |  |     |      |
|----|--|--|-----|------|
| 73 |  |  | 5.2 | 36.2 |
|----|--|--|-----|------|

|             |  |  |     |      |
|-------------|--|--|-----|------|
| +65.01 P.C. |  |  | 4.7 | 36.7 |
|-------------|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 74 |  |  | 4.4 | 37.0 |
|----|--|--|-----|------|

|     |  |  |     |      |
|-----|--|--|-----|------|
| +50 |  |  | 4.0 | 37.4 |
|-----|--|--|-----|------|

July 3, 1967

LT

RT

3

39.9  
2.8  
30. 50  
5.9  
50

Top Hyd NW Cor. Belland Ave & W.B.A.

RT Sta 72+50

3A.7 3A.9 35.0 3A.6 35.6 36.0  
67 65 64 6.80 58 5.4  
100 75 50 49 32  
Curb C.B. Curb

3A.6 3A.8 35.2 35.A 35.6 36.0  
6.8 6.6 6.2 6.04 58 54  
100 75 50 43 25  
MH

3A.8 35.0 3A.9 3A.6 35.A 36.1  
6.6 6.4 6.5 6.82 57 5.3  
96 75 50 CB 33  
Curb 49 Curb

38.5  
2.9  
39.8 50  
1.6  
50



Sta +  $\pi$  - Elev.

941.38

75 3.5 37.9

T.P. 6.37 945.87 1.88 939.50

+50 7.5 38.4

76 7.0 38.9

+50 6.6 39.3

77 6.2 39.7

+27 $\pm$  MH 30' $\pm$  Lt 6.10 39.8

+50 5.8 40.1

78 5.1 40.8

+50 4.9 41.0

79 4.5 41.4

+33 Carb Line

+47  $\neq$  Monn Ave.

Lt

July 2, 1967

Rt

A

E. E. M.H. 30'  $\frac{1}{2}$  Sta 75+00

41.0

4.9

50

40.8

5.1

50

41.2

4.7

50

41.6

4.3

50

41.8

4.1

50

42.3

3.6

100

42.1

3.8

75

41.9

4.0

50

41.8

4.1

34

41.7

4.2

Curb

42.1

3.8

100

42.0

3.9

75

41.8

4.1

50

41.85

4.05

40

41.8

4.1

25

41.8

4.1

MH

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

945.87

79+64 Curb Line

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 7.34 | 949.16 | 4.05 | 941.82 |
|------|------|--------|------|--------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 80 |  |  | 6.9 | 42.3 |
|----|--|--|-----|------|

|     |  |  |     |      |
|-----|--|--|-----|------|
| +50 |  |  | 6.5 | 42.7 |
|-----|--|--|-----|------|

|             |  |  |     |      |
|-------------|--|--|-----|------|
| +72.79 P.T. |  |  | 6.3 | 42.9 |
|-------------|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 81 |  |  | 6.1 | 43.1 |
|----|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 82 |  |  | 5.1 | 44.1 |
|----|--|--|-----|------|

|    |      |                      |      |        |
|----|------|----------------------|------|--------|
| BM | 4.84 | 949.13 <sup>16</sup> | 4.84 | 944.32 |
|----|------|----------------------|------|--------|

~~944.18~~

~~944.47~~

Iron

+68<sup>+</sup> 2 Orchard

✓

|      |  |  |      |        |
|------|--|--|------|--------|
| B.M. |  |  | 2.39 | 946.74 |
|------|--|--|------|--------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 83 |  |  | 4.4 | 44.8 |
|----|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 84 |  |  | 3.8 | 45.4 |
|----|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 85 |  |  | 3.4 | 45.8 |
|----|--|--|-----|------|

|      |      |                     |      |                     |
|------|------|---------------------|------|---------------------|
| T.P. | 4.28 | 949.61 <sup>4</sup> | 3.80 | 945.33 <sup>✓</sup> |
|------|------|---------------------|------|---------------------|

Lt.

July 7, 1967

5

|      |      |      |      |      |
|------|------|------|------|------|
| A2.1 | A2.1 | A1.9 | A1.8 | A1.8 |
| 38   | 3.8  | 4.0  | 41   | 41   |
| 100  | 75   | 50   | 32   |      |
| MH   |      |      |      |      |

A2.5  
6.7  
50

A2.3  
6.9

AA.7  
4.5  
50

|       |      |      |      |      |      |
|-------|------|------|------|------|------|
| A3.33 | A2.9 | A3.5 | AA.0 | AA.4 | AA.6 |
| 583   | 6.3  | 5.7  | 5.2  | 4.8  | 4.6  |
| Apron | 100  | 75   | 50   | 30   |      |

|      |      |      |      |
|------|------|------|------|
| A2.2 | A1.5 | A0.8 | 39.9 |
| 7.0  | 7.7  | 8.4  | 9.3  |
| 125  | 150  | 175  | 200  |

Top Hyd N.W. Cor. Orchard & W. B. Ave.

AA.7  
4.50  
Apron  
60

A2.0  
7.2  
50

A1.7  
7.5  
50

AA.5  
8.7  
50

Headwell



| Sta | + | $\pi$ | - | Elev. |
|-----|---|-------|---|-------|
|-----|---|-------|---|-------|

949.61

|    |  |  |     |      |
|----|--|--|-----|------|
| 86 |  |  | 3.9 | 45.7 |
|----|--|--|-----|------|

|    |  |  |     |      |
|----|--|--|-----|------|
| 87 |  |  | 4.3 | 45.3 |
|----|--|--|-----|------|

+73  $\phi$  ENT Lt.

+84  $\phi$  ENT Rt.

|    |  |  |     |      |
|----|--|--|-----|------|
| 88 |  |  | 5.2 | 44.4 |
|----|--|--|-----|------|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 5.06 | 946.54 | 8.13 | 941.43 |
|------|------|--------|------|--------|

+69  $\phi$  ENT. Lt

|    |  |  |     |      |
|----|--|--|-----|------|
| 89 |  |  | 3.2 | 43.4 |
|----|--|--|-----|------|

+23  $\phi$  ENT Rt

|    |  |  |     |      |
|----|--|--|-----|------|
| 90 |  |  | 4.3 | 42.3 |
|----|--|--|-----|------|

+35  $\phi$  ENT Rt

+50  $\phi$  ENT Lt

|    |  |  |     |      |
|----|--|--|-----|------|
| 91 |  |  | 5.0 | 41.6 |
|----|--|--|-----|------|

+15  $\phi$  ENT. Rt

|    |  |  |     |      |
|----|--|--|-----|------|
| 92 |  |  | 5.1 | 41.5 |
|----|--|--|-----|------|

+16  $\phi$  ENT Rt & Lt

+67  $\phi$  ENT Rt.

|     |      |        |      |        |
|-----|------|--------|------|--------|
| T.P | 8.47 | 948.68 | 6.33 | 940.21 |
|-----|------|--------|------|--------|

6

| AA.6 | AA.8 | A.9  | 46.0 | A7.3 | 48.1 |
|------|------|------|------|------|------|
| 5.0  | 5.1  | 4.7  | 3.6  | 2.3  | 1.5  |
| 10   | 25   | 43.1 | 50   | 75   | 100  |
|      |      | 3.5  |      |      |      |
|      |      | 50   |      |      |      |

| $A_0^3$ | $A_0^{10}$ | $A_1^3$ | $A_1^3$ | $A_3^6$ |
|---------|------------|---------|---------|---------|
| 6.3     | 6.0        | 5.3     | 4.3     | 3.0     |
| 100     | 84         | 57      | 32      | 10      |
| BT      | BBT        | $A_0^6$ |         |         |
|         |            | 6.0     |         |         |
|         |            | 50      |         |         |

$$\begin{array}{r} 39.2 \\ 7.4 \\ \hline 50 \end{array}$$

| $A^0$ | $A^{0.2}$ | $A^{1.0}$ | $A^{1.8}$ |
|-------|-----------|-----------|-----------|
| 6.27  | 6.4       | 5.6       | 4.8       |
| 110   | 67        | 28        | 10        |
| conc. | 7.3       |           | BT        |
|       | 50        |           |           |

|       |      |      |      |      |
|-------|------|------|------|------|
|       |      | 39.3 |      |      |
|       |      | 7.3  |      |      |
| A9.50 | 38.8 | 50   | 39.0 | 40.4 |
|       |      |      |      | 41.5 |
| 7.07  | 7.8  | 7.6  | 6.2  | 5.1  |
| 95    | 82   | 53   | 28   | 10   |
| CONC. |      |      |      | BT   |

|           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|
| $A^{3.0}$ | $A^{2.5}$ | $A^{3.2}$ | $A^{4.4}$ | $A^{6.0}$ |
| 3.6       | 1.2       | 3.9       | 2.2       | 0.6       |
| 10        | 50        | 53        | 78        | 100       |
| BT        | BT        | BT        | BT        | BT        |
| $A^{1.9}$ | $A^{1.6}$ | $A^{1.5}$ | $A^{1.1}$ | $A^{2.1}$ |
| 4.7       | 5.0       | 5.1       | 4.8       | 4.1       |
| 10        | 27        | 52        | 75        | 100       |
| BT        |           |           |           |           |

|          |                  |      |      |      |
|----------|------------------|------|------|------|
|          |                  | A1.3 |      |      |
|          |                  | 5.3  |      |      |
| A1.5     | A1.3             | 5.9  | A1.9 | A2.7 |
| 5.1      | 5.3              | 4.9  | 4.7  | 3.9  |
| 10<br>BT | 29               | 52   | 67B  | 100  |
|          |                  | 5.1  |      |      |
| A1.5     | 40.9             | 59A  | A1.7 |      |
| 5.1      | 5.7              | 5.2  | 4.9  |      |
| 10<br>BT | 29 <sup>12</sup> | 66   | 100  |      |
| 5.1      | 5.4              | 5.3  | 5.3  | 5.0  |
| 10<br>BT | 30               | 59   | 82   | 100  |

92+75 20' RT. TOP OF <sup>OT</sup> HEADWALL

| STA. | + | $\pi$ | - | ELEV. |
|------|---|-------|---|-------|
|------|---|-------|---|-------|

948.68<sup>1</sup>

|    |  |  |     |      |
|----|--|--|-----|------|
| 93 |  |  | 6.9 | 41.8 |
|----|--|--|-----|------|

+05  $\checkmark$   $\angle$  ENT. LT.

+79  $\checkmark$   $\angle$  ENT. LT.

|    |  |  |     |      |
|----|--|--|-----|------|
| 94 |  |  | 6.6 | 42.1 |
|----|--|--|-----|------|

+28  $\checkmark$   $\angle$  ENT RT

|    |  |  |     |      |
|----|--|--|-----|------|
| 95 |  |  | 6.0 | 42.2 |
|----|--|--|-----|------|

+24  $\checkmark$   $\angle$  ENT. RT.

+79  $\angle$  ELM ST. LT.

|    |  |  |     |      |
|----|--|--|-----|------|
| 96 |  |  | 4.9 | 43.8 |
|----|--|--|-----|------|

+43  $\checkmark$   $\angle$  ENT RT

|    |  |  |     |      |
|----|--|--|-----|------|
| 97 |  |  | 3.5 | 45.2 |
|----|--|--|-----|------|

+41  $\checkmark$   $\angle$  ENT RT.

+96  $\checkmark$   $\angle$  ENT. LT.

|    |  |  |     |      |
|----|--|--|-----|------|
| 98 |  |  | 1.9 | 46.8 |
|----|--|--|-----|------|

T.P. 12.15  $\checkmark$  958.86<sup>1</sup> 1.97 946.71<sup>4</sup>

+93  $\checkmark$   $\angle$  ENT RT.

|    |  |  |      |      |
|----|--|--|------|------|
| 99 |  |  | 10.3 | 48.6 |
|----|--|--|------|------|

+31  $\checkmark$   $\angle$  ENT RT

L+

£

Rt

7

39.1 39.1 39.4 39.9 A1.7  
9.6 9.6 9.3 8.8 7.0  
83 68.8 45.0 28.4 10  
8.9 8.7 8.3 6.7  
106 54 31 10  
8.7 BT  
50

A2.2  
6.5  
50

A3.0 A3.1 A3.2 A3.4 A3.6  
5.7 5.6 5.5 5.3 5.1  
100 90 62 32 10  
A2.1  
5.8  
50

A5.3  
3.4  
50

47.7 47.4 46.8 46.4 46.8  
0.99 1.29 1.90 2.31 1.9  
100 86 64 40 10  
CONC BT

50 CULVERT  
£ TOP OF HEADWALL

50.6  
8.3  
50

40.9  
7.8  
50

39.2  
9.5  
42.1 40.9 40.2 50 40.2 40.5  
6.6 7.8 8.5 8.5 8.2  
10 27 50 77 100  
BT BT BT BT BT

A2.8 A1.5 50 40.5 40.7 A1.6  
5.9 7.2 8.2 8.0 7.1  
10 30 50 73 100  
BT

39.8  
8.9  
A4.3 43.0  
44 5.7 6.9 7.4 6.3  
10 23 41 63 100  
BT BT BT BT BT  
45.6 44.1 50 43.5 44.7  
3.1 4.6 5.5 5.2 4.04  
10 23 45 70 130  
BT CONC

42.5  
6.2  
50

9.8 8.2 20' RT.  
47.4 47.1 47.2 47.2  
10.5 10.8 10.7 10.7  
10 26 90 100  
BT BT BT BT  
49.0 48.5 49.9 50.4  
9.9 10.2 9.00 8.52  
10 25 49 120  
CONC. CONC.



| STA. | +    | X                      | -    | ELEV.                                        |
|------|------|------------------------|------|----------------------------------------------|
|      |      | 958.86 <sup>9</sup>    |      |                                              |
| 100  |      |                        | 8.6  | 50.3 ✓                                       |
| +69  |      | SLOPE ON Lt.           |      |                                              |
| +80  |      | ENT Lt.                |      |                                              |
| +95  |      | SLOPE ON Lt.           |      |                                              |
| 101  |      |                        |      |                                              |
| +03  |      | ENT. Rt. ✓             |      |                                              |
| 102  |      |                        | 5.3  | 53.6 ✓                                       |
| +66  |      | ENT Lt. ✓              |      |                                              |
| +90  |      | DELL ST. (Lt) 18' ROAD |      |                                              |
| 103  |      |                        | 4.3  | 54.6 ✓                                       |
| +34  |      | ENT Lt. ✓              |      |                                              |
| +43  |      | ENT. Rt. 40' ENT. ✓    |      |                                              |
| 104  |      |                        | 4.0  | 54.9 ✓                                       |
| +14  |      | ENT Lt. ✓              |      |                                              |
| +63  |      | ENT. Rt. 40' ENT. ✓    |      |                                              |
| T.P  | 0.96 | 955.89 <sup>12</sup>   | 3.93 | 954.93 ✓                                     |
| 105  |      |                        | 1.3  | <del>57.6</del><br><del>57.6</del><br>54.6 ✓ |
| +55  |      | ENT Lt.                |      |                                              |

W.S  
W.J  
H.L  
J.T

JULY 12, 1967

Lt

E

RE

8

55.5  
58.1 58.3 3.4  
0.2 0.6 2.1 6.2 7.1 7.6  
88 47 34 25 18 10  
0.8 2.3 5.3 6.3 7.3  
58.4 100 81 41.5 27 10  
0.5 1.6 5.4 8.4 6.7 7.1 51.8  
62 32 26 20 15 10  
0.8 3' DITCH  
50 BT

49.1  
92  
68

51.6 57.1 54.7 51.8 51.5  
1.3 1.8 4.2 7.1 5.4  
50 32 26 21 10  
1.8 57.1 1.7 57.2 2.0 4.3 4.6 54.3  
100 83 61 22 10  
BT

51.9 51.5  
70 7.4 79 8.1  
10 26 50 100  
BT

56.4  
2.5  
56.5 50 56.0 55.8 54.7  
2.4 2.5 2.9 3.9 4.2  
100 82 51 26 10  
BT

54.5 54.2 54.2 54.3  
4.4 4.7 4.7 4.6  
10 28 71 100  
BT BT BT BT

55.1  
3.8  
54.6 55.0 50 55.1 54.6 54.5  
4.06 3.88 3.91 4.1 4.1  
100 72 47 34 10  
CONC. CONC. CONC DRIVE BT BT

54.7 54.3 54.5 56.2  
4.2 4.6 4.4 2.71 5  
10 40 65 90 55.5  
BT BT BT BT BT  
54.6 TOP OF SIDEWALK (CONC)  
4.3 3.42  
50 90  
TOP SIDEWALK

TOP OF CONC. SIDEWALK

STA. 104+96

LC. 36'

2.74 2.5 53.4 52.18 52.2 54.1  
50 52 3.34 3.74 1.8  
44 37 10  
EDGE OF CONC DRIVE

55.1  
0.82  
50  
EDGE OF CONC.

951.03 @ E<sup>2</sup>

STA + T - ELEV.

92

955.89

105+91 ENT. LT. 25' DRIVE

106 2.2 53.7

+16 ENT RT.

+70 CONC. PAD (UNDERGROUND WIRES)

107 3.5 52.4

+10 ENT. RT.

+53 ENT LT. 35' ENT

+90 ENT LT. CONC. ENT. TO DX STATION

+95 CONC. SIDEWALK RT.

108 5.0 50.9

+51 ENT LT. CONC. ENT. TO DX STATION

109+03 &amp; OF CO. RD. E &amp; W.B. AVE

B.M. 2.97 952.22 6.64 949.25 949.14

24 949.43

24

49

+60 Ent Lt &amp; Culvert Rt.

110 Ent Rt.

FA  
WM  
FS  
HL

Lt

July 12, 1967  
RE

JULY 12, 1967

9

51.3  
51.7 4.6 37 23  
4.2 48 19 10  
50 BT. BT. BT

54.6  
1.3  
53.5 53.4 50 55.3  
2.4 2.5 2.4 0.6  
10 25 50 84  
BT. BT. BT. BLDG.  
4.6 51.3  
36  
CONC. PAD.

51.2  
4.7  
50  
BT.  
50.2 50.1 50.3 50.5 51.4  
5.7 5.8 5.6 5.4 4.5  
100 66 46 34 10  
BT. BT. BT. BT. BT.  
5.72 5.54 5.22 5.0  
48 80 12 10  
E CONC. CONC. CONC. BT

52.2 51.8 51.3 50 4.5  
3.7 4.1 4.6 4.1  
10 17 40 63  
BT. BT. BT. BT.

50.2 50.1 50.3 50.5 51.4  
5.7 5.8 5.6 5.4 4.5  
100 66 46 34 10  
BT. BT. BT. BT. BT.  
5.72 5.54 5.22 5.0  
48 80 12 10  
E CONC. CONC. CONC. BT

50.9 50.2 50.3 50.5 50.7  
50 5.7 5.58 5.44 5.22  
10 25 29 46 67  
BT. CONC. CONC. CONC.  
5.3  
50

50.2  
5.7  
50  
49.5 49.4 49.9 49.9  
6.3 6.14 6.02 6.0  
60 34 14 10  
CONC. CONC. CONC. BT.  
6.8 6.6 6.5 6.4 6.4 6.5 6.5 6.3 6.3  
100 66 34 11 BT 11 25 67 100  
BT BT BT BT BT BT BT. BT.

TOP OF SEC. COR. IRON AT CO. RAIL

49.2 49.1 49.3 48.7 47.3 49.3  
3.1 3.2 3.6 3.6 4.97 3.0  
50 40 19 17 25 50

FL. 24' W/SCP. GE  
IV. End

49.4 48.2 47.9 47.0 47.2  
3.9 4.1 4.4 4.3 4.1  
50 17 50 75



Sta +  $\pi$  - Elev.

<sup>.25</sup>  
J 952.22

110+43 Ent Lt.

111 5.0 47.3

+30 Ent Lt.

+70 S. End 18" SCP Apron

+79  $\angle$  Spruce Place Lt.

+84 MH 33' Rt. 6.37 45.9

+94 MH 26' Rt. 5.82 46.5

+98 MH 29' Lt. 5.65 46.6

112 5.3 47.0

+07  $\angle$  Spruce Place Rt

+40

113

BM 3.27 <sup>.05</sup> 952.02 3.47 <sup>.78</sup> 948.75

Lt.

July 17, 1967

Rt.

10

|      |      |      |      |      |
|------|------|------|------|------|
| 45.1 | 47.9 | 47.4 | 47.7 | 47.1 |
| 4.2  | 4.4  | 4.7  | 4.6  | 5.2  |
| 64   | 50   | 26   |      | 45   |

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 47.5 | 47.4 | 46.7 | 46.7 | 47.1 | 47.7 |
| 4.8  | 4.9  | 5.6  | 5.6  | 5.2  | 4.6  |
| 81   | 67   | 41   | 12   |      | 50   |

43.8  
8.51  
25'

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 45.0 | 45.8 | 46.3 | 46.4 | 46.7 | 46.9 |
| 7.3  | 6.5  | 6.0  | 5.85 | 5.64 | 5.4  |
| 200  | 180  | 57   | 38   | MH   |      |
|      |      |      | MH   | 21   |      |

|      |      |      |                   |
|------|------|------|-------------------|
|      | 47.0 | 46.7 | 46.4              |
|      | 5.3  | 5.6  | 5.9               |
|      | 50   | 100  | S.S.              |
| 46.2 | 45.8 | 46.7 | 43.4              |
| 6.08 | 6.45 | 5.4  | 8.87              |
| 62   | 35   |      | F.L. N.E. 18' Sep |
|      |      |      | Apron 26' Rt      |

|      |      |      |
|------|------|------|
| 45.7 | 46.8 | 47.3 |
| 6.6  | 5.5  | 5.0  |
| 50   |      | 50   |

Top Hyd NE Corner Spruce Place &amp; W. B.A.

Sta +  $\pi$  - Elev.

<sup>.05</sup>  
952.02

112+58 FL 18" SCP 30' Lt. 9.41

113+13  $\pm$  Ent Lt.

+84 Ent Rt

114 4.9 47.2

+70 Ent Rt & Lt.

115

+54 Ent Rt. Conc.

+65 Ent Lt

+79 Ent Rt.

116

BM 3.76 <sup>.72</sup> 955.69 0.09 <sup>.96</sup> 951.93

21. July 17, 1967 RT

11

47.1 46.6 46.4 46.9  
5.0 5.5 5.7 5.2  
79 60 31

45.5 47.1 47.0 47.9 48.5  
6.6 5.0 5.1 4.2 3.6  
50 31 59 83

49.3 48.4 47.4 47.5 47.6 47.5 48.0 49.1 49.8  
2.8 3.7 4.7 4.6 4.5 4.6 4.1 3.0 2.3  
92 73 49 15 14 32 54 83

47.9 47.9 49.5  
4.2 4.2 2.6  
50 50

48.3 50.2 50.6 50.7  
3.8 1.86 1.47 1.44  
44 68 93

49.7 48.6 48.0  
2.4 3.5 4.1  
72 47 25

47.5 48.4 48.9 50.4 51.0  
4.58 3.7 3.2 1.7 1.1  
20 25 52 81  
MH

48.5 48.2 48.5 50.9  
3.6 3.9 3.6 1.2  
50 48 56

Top Hyd by 3664 White Bear Ave.



Sta +  $\pi$  - Elev.

<sup>.72</sup>  
955.69

116 + 64 Ent Rt + Lt

117 for Pickup Left

+17 Ent Lt.

118 Begin Low Yard Lt.

+73 Ent Lt. ?

119 End Low Yard Lt

+19<sup>+</sup>  $\pm$  Ronald St Rt

+37 Storm Sewer X-ing

BM 3.15 956.<sup>.19</sup>~~16~~ 2.68 953.<sup>.04</sup>~~01~~

+36 Casting SD 23' Lt. 8.35

+48 NE 15" SCP Apron 23' Rt. 7.84

+52 MH 21' Lt. 6.89 949.30

+66 MH 33' Rt 5.55 950.64

July 13, 1967  
Lt. Rt.

12

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 49.4 | 49.1 | 48.8 | 48.9 | 48.9 | 50.3 | 51.0 | 51.9 |
| 63   | 66   | 6.9  | 6.8  | 68   | 5.4  | 4.7  | 3.8  |
| 85   | 69   | 46   | 30   | ✓    | 33   | 48   | 82   |

|      |      |      |      |      |
|------|------|------|------|------|
| 49.7 | 48.0 | 47.5 | 49.1 | 51.5 |
| 7.0  | 7.7  | 8.2  | 6.6  | 4.2  |
| 100  | 80   | 50   |      | 50   |

|      |      |      |
|------|------|------|
| 48.7 | 48.5 | 48.5 |
| 7.0  | 7.2  | 7.2  |
| 78   | 58   | 39   |

|      |      |      |
|------|------|------|
| 48.0 | 49.9 | 52.6 |
| 7.7  | 5.8  | 3.1  |
| 58   |      | 50   |

✓ Walk

|      |      |      |
|------|------|------|
| 49.2 | 48.7 | 48.8 |
| 4.5  | 7.0  | 6.9  |
| 28   | 56   | 84   |

|      |      |      |
|------|------|------|
| 47.5 | 50.5 | 50.8 |
| 8.2  | 5.2  | 4.9  |
| 50   |      | 50   |

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 50.4 | 50.7 | 50.9 | 50.7 | 50.3 | 49.9 | 49.8 |
| 5.1  | 5.0  | 4.8  | 5.0  | 5.4  | 5.8  | 5.9  |
| 37   | 48   | 77   | 110  | 48   | 158  |      |

Top Hyd NE Cor. Ronald & White Bear Ave

Sta +  $\pi$  - Elev.

956.<sup>.19</sup>~~16~~

119+82 Ent Lt. 5

120 Low Area Lt - Needs pickup  
Could Also Be filled if grade is  
Lowered to Meet Ent. 50.

+40  $\frac{1}{2}$  Conc. Ent. Rt

+92 Ent Lt Conc.

121

+75  $\frac{1}{2}$  Conc Ribbons Lt.

+96  $\frac{1}{2}$  Conc Ent Rt.

122 4.0 52.2

+14  $\frac{1}{2}$  Conc. Ent. Lt.

+33  $\frac{1}{2}$  Conc Ent. Rt.

BM 2.78 957.<sup>.55</sup>~~52~~ 1.42 954.<sup>.77</sup>~~74~~

July 17, 1967

13

Lt.

RT

|      |      |      |      |      |
|------|------|------|------|------|
|      | 50.5 | 50.3 | 51.0 |      |
|      | 57   | 59   | 52   |      |
|      | 57   | 28   |      |      |
| 48.9 |      |      | 51.1 | 51.1 |
| 73   |      |      | 5.1  | 5.1  |
| 50   |      |      |      |      |
|      |      |      | 51.3 | 51.0 |
|      |      |      | 4.9  | 5.23 |
|      |      |      | 42   | 4.82 |
|      |      |      |      | 69   |
| 53.0 | 52.3 | 51.3 | 51.6 |      |
| 3.17 | 3.85 | 4.86 | 4.6  |      |
| 73   | 62   | 43   |      |      |
|      | 51.6 |      | 51.4 | 51.2 |
|      | 4.6  |      | 4.6  | 5.0  |
|      | 50   |      |      | 50   |
| 53.4 | 52.5 | 51.9 | 52.0 |      |
| 281  | 3.67 | 4.32 | 4.2  |      |
| 76   | 60   | 43   |      |      |
|      |      |      | 52.2 | 52.0 |
|      |      |      | 4.0  | 4.20 |
|      |      |      | 28   | 36   |
|      |      |      |      | 4.15 |
|      |      |      |      | 4.07 |
|      |      |      |      | 3.93 |
|      |      |      |      | 54   |
| 52.4 | 51.9 | 51.5 |      |      |
| 3.81 | 4.28 | 4.69 |      |      |
| 80   | 60   | 40   |      |      |
|      |      |      | 52.1 | 52.2 |
|      |      |      | 52.3 | 52.4 |

Top Hyd by No 3726 White Bear Ave

4.13 4.03 3.85 3.59

28 38 50 70



Sta +  $\pi$  - Elev

<sup>.55</sup>  
957.52

123

+59 MH Bl' Rt 5.23 952.32

+76 Conc Ent Lt

124

<sup>J</sup>  
+85 Bit Ent Lt

125 3.8 53.8

+12 £ Richard

+34

BM 3.54 <sup>.48</sup> 959.45 1.61 <sup>.94</sup> 955.91

<sup>J</sup>  
126 Ent Lt

FK  
WM  
WJ  
HL  
GM

July 18, 1967  
E

Lt

BT

14

|      |      |      |
|------|------|------|
| 51.2 | 52.6 | 52.4 |
| 6.4  | 50   | 5.2  |
| 50   |      | 50   |

|      |      |      |      |      |
|------|------|------|------|------|
| 53.1 | 53.0 | 52.8 | 52.7 | 53.0 |
| 4.54 | 4.63 | 4.79 | 4.86 | 4.6  |
| 86   | 65   | 45   | 28   |      |

|      |      |      |
|------|------|------|
| 52.1 | 53.2 | 53.0 |
| 5.5  | 4.4  | 4.6  |
| 50   |      |      |

|     |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|
| 5.4 | 54.0 | 54.1 | 54.0 | 53.7 | 52.3 | 51.9 |
| 3.8 | 3.6  | 3.5  | 3.6  | 3.9  | 5.30 | 5.68 |
| 94  | 64   | 48   | 28   |      | 46   | 75   |

conc Ent from Richard's

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 53.9 | 53.8 | 53.2 | 52.4 | 51.4 | 51.3 |
| 3.7  | 3.8  | 4.4  | 5.2  | 6.0  | 6.3  |
| 10   | 26   | 50   | 84   | 110  |      |

|      |      |      |      |
|------|------|------|------|
| 51.9 | 52.2 | 51.0 | 51.0 |
| 5.68 | 5.36 | 6.6  | 6.6  |
| 50   | 42   | 200  | 159  |
| 25   | C.B. |      |      |

Top Hyd N.E. Cor. Richard & White Bear Ave.

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 54.7 | 54.4 | 54.1 | 54.0 | 54.4 | 51.5 | 51.8 |
| 4.8  | 5.1  | 5.4  | 5.5  | 5.1  | 5.98 | 5.7  |
| 100  | 70   | 40   | 31   |      | MH   | 50   |
|      |      |      |      |      | 32   |      |

Sta +  $\pi$  - Elev.

959.45<sup>49</sup>

126+45 Ent Rt

52.9

+64 MH 21' Lt 6.63

+66 MH 33 Rt 53.9  
5.65

127 Ent Lt.

+25 Ent Rt.

+75 MH 22' Lt 54.8  
5.72

128 Ent Lt.

+08 Ent Rt.

+12 Ent Lt.

+26 M.H. 33' Rt 54.0  
5.52

129

+52 Ent Rt. & Lt.

+65 Conc Ent Rt.

B.M. 0.17 957.34<sup>37</sup> 2.28 957.17<sup>20</sup>

July 18, 1967

15

Lt.

✓

Rt.

|      |       |      |      |      |
|------|-------|------|------|------|
| 54.1 | 54.5  | 54.1 | 54.1 | 54.2 |
| 5.4  | 49.50 | 5.4  | 5.4  | 5.3  |
| 50   | 13    | 28   | 51   | 78   |

|      |      |      |      |      |
|------|------|------|------|------|
| 56.7 | 55.9 | 55.4 | 55.0 | 54.0 |
| 2.8  | 3.6  | 4.1  | 4.5  | 5.5  |
| 86   | 66   | 40   |      | 50   |

|      |      |      |      |      |
|------|------|------|------|------|
| 55.0 | 54.4 | 54.0 | 54.1 | 54.2 |
| 4.5  | 5.1  | 5.5  | 5.4  | 5.3  |
|      | 19   | 36   | 55   | 79   |

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 54.1 | 54.2 | 54.6 | 54.8 | 55.6 | 55.1 |
| 0.4  | 1.3  | 1.9  | 2.7  | 3.9  | 4.4  |
| 90   | 64   | 50   | 41   | 30   |      |

|      |      |      |      |
|------|------|------|------|
| 54.7 | 54.4 | 54.5 | 54.6 |
| 4.8  | 5.1  | 5.0  | 4.9  |
| 19   | 38   | 57   | 72   |

|      |      |      |      |
|------|------|------|------|
| 58.3 | 57.7 | 57.1 | 55.7 |
| 1.2  | 1.8  | 2.4  | 3.8  |
| 78   | 61   | 49   | 28   |

|      |      |      |
|------|------|------|
| 57.5 | 55.1 | 54.4 |
| 2.0  | 4.4  | 5.1  |
| 50   |      | 50   |

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 57.7 | 57.2 | 56.0 | 54.8 | 55.0 | 54.6 | 54.4 | 54.8 |
| 1.8  | 2.3  | 3.5  | 4.7  | 4.5  | 4.9  | 5.1  | 4.7  |
| 71   | 53   | 35   | 22   |      | 26   | 44   | 64   |

|      |      |      |
|------|------|------|
| 54.0 | 55.2 | 55.5 |
| 4.86 | 4.30 | 3.96 |
| 42   | 66   | 92   |

Top Hyd by 3785 W. B.A.



Sta +  $\pi$  - Elev

957.<sup>37</sup>~~34~~

130

+20 Ent. Lt.

+55 Ent. Rt.

131

+29 Ent. Rt.

+73 Ent. Lt.

132

+29  $\pm$  Bloomquist Rt.

+83 Conc Ent. Lt.

July 18, 1967

16

56.3  
1.1  
50

54.9  
2.5

54.4  
3.0  
50

55.4 54.8 54.4 54.0 ✓  
2.0 2.6 3.0 3.4  
95 69 51 33

53.9  
3.5  
50

54.7 ✓  
2.7

54.5  
2.9  
25

54.6  
2.8  
42

54.7  
2.7  
65

48.7 44.4  
8.7 8.0  
77 50

54.5  
2.9

54.1  
3.3  
50

← Drains

54.3 ✓  
3.1

53.9  
3.5  
23

53.9  
3.5  
50

54  
3.0  
79 Dirt

50.6 50.9 51.7 52.3  
6.8 6.5 5.7 4.1  
77 54 33 18

54.1 ✓  
3.3

50.5  
2.0  
50

54.0  
3.4

51.8  
5.6  
50

53.9  
3.5

53.8  
3.6  
10

53.1  
4.3  
35

52.3  
5.1  
68

52.0  
5.4  
100

51.6  
5.8  
200

50.2 50.3 50.8 51.8 52.9 53.6 ✓  
7.21 7.13 6.61 5.6 4.5 3.8  
84 60 44 32 17

Conc.

Sta +  $\pi$  - Elev

<sup>.37</sup>  
957.34

133

+55 Ent Rt. Conc.

134

BM 1.42 955.<sup>.12</sup>~~69~~ 3.07 954.<sup>.30</sup>~~27~~

135. Conc Ent Lt.

+24 South Gutter Line

+39  $\neq$  CEDAR

✓

July 18, 1967

17

Lt

Rt

48.5

53.5

52.5

8.9

3.9

4.9

50

50

Drains

49.1

52.2

52.5

52.8

52.6

8.3

4.2

48.6

4.62

4.60

50

24

45

69

50.4

52.9

52.6

70

4.6

4.8

50

50

Top Hyd S. S.E. Corner Cedar & White Bear Ave.

51.8

51.7

51.7

51.5

51.9

51.4

51.5

51.3

388

395

404

42

3.8

4.3

4.22

4.35

86

63

41

27

50

65

81

conc Ent on Cedar

50.1

50.1

50.1

50.7

51.5

50.7

50.2

49.8

49.6

56

56

56

5.5

4.2

50

5.5

5.9

6.1

100

84

62

39

37

65

87

100

50.3

50.4

50.8

51.3

51.5

51.4

51.1

50.4

49.9

49.7

5.4

5.3

4.9

4.4

4.2

4.3

4.6

5.3

5.8

6.0

100

69

37

10

10

34

62

87

100

50.5

50.8

48.4

49.8

5.2

4.9

7.3

6.7

150

200

200

150



| Sta | + | $\pi$                 | - | Elev |
|-----|---|-----------------------|---|------|
|     |   | 955.69 <sup>.72</sup> |   |      |

135+55 North Gutter Line

136 Ent Rt

+46 Conc Ent Lt

+82 M.H. 20' Rt 8.15<sup>.71</sup>

+91 Ent Lt

137 6.4

+75 Ent Rt

138

B.M. 0.37 950.94<sup>.77</sup> 5.12 950.57<sup>.60</sup>

+34 Ent Lt

139

Lt.

July 18, 1967

Rt.

18

| 50.0 | 49.9 | 49.8 | 51.0 | 51.3 | 51.1 | 50.6 | 50.1 | 49.4 |
|------|------|------|------|------|------|------|------|------|
| 5.7  | 5.8  | 5.9  | 4.7  | 4.4  | 4.6  | 5.1  | 5.6  | 6.3  |
| 100  | 58   | 37   | 10   |      | 10   | 26   | 57   | 100  |

| 50.0 | 50.7 | 50.5 | 50.7 | 51.1 | 51.4 |
|------|------|------|------|------|------|
| 5.7  | 5.0  | 5.2  | 4.95 | 4.62 | 4.26 |
| 50   | 25   |      | 33   | 53   | 83   |

| 50.1 | 49.9 | 49.7 | 50.1 | 50.9 | 50.9 |
|------|------|------|------|------|------|
| 5.59 | 5.84 | 6.0  | 5.6  |      |      |
| 80   | 44   | 30   |      | 49   | 50   |

| 49.5 | 49.0 | 49.1 | 49.2 | 49.6 |
|------|------|------|------|------|
| 6.24 | 6.7  | 6.6  | 6.5  | 6.1  |
| 103  | 66   | 39   | 10   | 50   |

Garage Apron

| 49.4 | 48.4 | 49.2 | 49.5 | 48.1 | 48.3 |
|------|------|------|------|------|------|
| 6.3  | 7.3  | 7.5  | 8.2  | 7.6  | 7.4  |
| 50   | 10   | 26   | 47   | 70   |      |

| 49.7 | 48.0 | 48.1 |
|------|------|------|
| 6.0  | 7.7  | 7.6  |
| 50   |      | 50   |

Top Hyd across from No 3864 White Bear Ave.

| 49.2 | 49.5 | 48.5 | 47.6 | 47.6 |
|------|------|------|------|------|
| 0.8  | 1.5  | 2.5  | 3.4  | 3.4  |
| 88   | 66   | 38   | 18   |      |

| 47.2 | 46.3 | 46.4 |
|------|------|------|
| 3.8  | 4.7  | 4.6  |
| 50   |      | 50   |

Sta +  $\pi$  - Elev.  
97  
950.94

139+42 Ent. Lt.

TP 6.58 950.<sup>51</sup>~~48~~ 7.04 943.<sup>93</sup>90

+83  $\angle$  Roth Place

+83

✓  
140

+22 S.D. 23 Rt

<sup>43.0</sup>  
7.12

Casting

+34 Ent Lt.

+85 Ent Rt

141

TP 5.19 949.<sup>96</sup>~~93~~ 5.74<sup>77</sup> 944.~~74~~

+28 Ent Rt

Lt

 July 18, 1967  
 July 20, 1967  
 RT

19

48.0 47.4 46.7  
 Conc. 45.6 45.5  
 2.91 3.62 4.33 5.4 5.5  
 86 66 46 18

Top Bee Hive Surface Drain Roth Place

45.0 44.7 44.5 44.4 44.4  
 5.5 5.75 6.0 6.1 6.1  
 MH 43 71 92  
 17

44.3 44.3 44.4 44.4  
 6.2 6.17 6.1 6.1  
 185 172 139 100

45.6  
 4.9  
 50

44.8  
 5.7

44.2  
 6.3  
 50

45.1 44.9 44.9 44.8 44.6  
 542 556 559 568 5.9  
 94 72 63 43 22  
 Conc

45.8  
 4.7  
 50

44.7 44.4 45.5 46.2 46.4  
 5.8 6.1 4.97 4.30 4.08  
 16 43 66 73

44.5  
 6.0  
 50

44.8  
 5.7

Conc.  
 45.9  
 4.6  
 50

45.0 45.0 46.0 46.9 47.4  
 5.0 5.0 4.0 3.1 2.6  
 31 43 89 93



Sta +  $\pi$  - Elev.

<sup>.96</sup>  
~~949.93~~

141+84

140+90  
~~+90~~

Oak Knoll Drive

142

+71 Ent. Rt.

143

+29 Ent Lt.

+59 Ent Rt.

BM 3.80 <sup>.29</sup> ~~952.25~~ 1.48 <sup>.48</sup> ~~948.45~~

144 Ent. Rt.

948.34  
~~944.14~~  
4.20

Lt.

L

July 20, 1967

20

RT

A<sup>3.5</sup>A<sup>4.9</sup>

6.52

5.11

MH

15

53

MH

A<sup>2.2</sup>A<sup>2.6</sup>A<sup>3.2</sup>A<sup>4.3</sup>A<sup>5.1</sup>A<sup>5.5</sup>

7.8

7.4

6.8

5.7

4.9

4.7

100

90

67

35

10

A<sup>4.3</sup>A<sup>6.3</sup>A<sup>4.7</sup>A<sup>4.2</sup>A<sup>6.3</sup>

5.7

4.7

5.27

5.82

3.7

26

17

25

50

MH

MH

SD

A<sup>6.0</sup>A<sup>5.8</sup>A<sup>5.8</sup>A<sup>6.0</sup>A<sup>6.3</sup>A<sup>6.6</sup>

4.0

4.2

4.2

4.0

3.7

3.40

50

19

39

59

77

A<sup>6.5</sup>A<sup>6.0</sup>A<sup>6.5</sup>

Apron

3.5

4.0

3.5

50

50

A<sup>6.8</sup>A<sup>6.5</sup>A<sup>6.0</sup>A<sup>6.1</sup>

3.2

3.5

4.0

3.9

68

44

21

A<sup>6.3</sup>A<sup>6.4</sup>A<sup>7.1</sup>A<sup>7.8</sup>

3.7

3.6

2.9

2.2

16

37

57

Top Hyd N.N.W. Oak Knoll Drive &amp; White Bear Ave.

A<sup>6.3</sup>A<sup>6.4</sup>A<sup>6.8</sup>A<sup>7.3</sup>A<sup>8.1</sup>A<sup>8.6</sup>

60

5.9

5.5

50

4.2

3.66

50

21

33

54

78

Apron

Sta +  $\pi$  - Elev.

<sup>.28</sup>  
952.25

144+69 Ent Lt.

145

+28 Ent Rt. & Lt.

146

+10 Ent Rt.

+59 Ent Lt.

+P Ent Rt.

147

TP 4.67 948.82<sup>.85</sup> 8.10 944.15<sup>.18</sup>

+49 Ent. Lt.

21

July 20, 1967

BT 21

$A7.1$   $A6.9$   $A6.7$   $A6.3$   $A6.A$   
 5.2 5.4 5.6 6.0 5.9  
 82 63 41 20

$A6.7$   
 5.6  
 50

$A6.A$   
 5.9

$A7.1$   
 5.2  
 33

$A7.7$   
 4.6  
 50

$A6.6$   
 5.7  
 74

$A6.5$   
 5.8  
 51

$A6.1$   
 6.2  
 29

$A6.3$   
 6.0  
 33

$A7.1$   
 5.2  
 33

$A7.9$   
 4.4  
 52

$A8.5$   
 3.75  
 76

$A6.4$   
 5.9  
 50

$A5.9$   
 6.4

Apron

$A6.3$   
 6.0  
 23

$A6.6$   
 5.7  
 33

$A7.0$   
 5.3  
 54

$A7.2$   
 5.1  
 71

$A6.5$   $A6.3$   $A5.9$   
 5.83 6.02 6.35  
 73 63 43  
 Conc

$A6.5$   $A5.A$   
 6.8 6.9  
 24

$A5.0$   
 7.3

$A5.A$   
 6.9  
 21

$A5.9$   
 6.39  
 39

$A6.1$   
 6.20  
 47

$A6.A$   
 5.87  
 67.0  
 Conc

$AA.4$   
 7.9  
 50

$AA.9$   
 7.4

S. E. Cul. 11.

$AA.0$   $AA.2$   $AA.2$   
 4.9 4.7 4.7  
 81 66 45

$AA.2$   $AA.3$   
 4.7 4.6  
 24



Sta +  $\pi$  - Elev.  
948.<sup>.85</sup>82

148

+40 S. Gutter Line

+55  $\angle$  Birch St.

✓

+64 MH 19' Lt. <sup>02'</sup> 6.81

+70 N. Gutter Line.

149

BM 4.57 948.<sup>.85</sup>82 4.57 <sup>.28</sup>944.25

+42 Ent Lt.

July 20, 1967

Lt

♀

Rt

22

|                   |  |                   |  |                   |  |                   |  |                   |  |                   |  |                   |  |
|-------------------|--|-------------------|--|-------------------|--|-------------------|--|-------------------|--|-------------------|--|-------------------|--|
|                   |  | A <sup>3.6</sup>  |  |                   |  | A <sup>3.6</sup>  |  |                   |  | A <sup>4.8</sup>  |  |                   |  |
|                   |  | 5.3               |  |                   |  | 5.3               |  |                   |  | 4.1               |  |                   |  |
|                   |  | 50                |  |                   |  |                   |  |                   |  | 50                |  |                   |  |
| A <sup>10.0</sup> |  | A <sup>10.2</sup> |  | A <sup>10.7</sup> |  | A <sup>11.6</sup> |  | A <sup>12.6</sup> |  | A <sup>13.0</sup> |  | A <sup>12.5</sup> |  |
| 8.9               |  | 8.7               |  | 8.2               |  | 7.3               |  | 6.3               |  | 5.9               |  | 6.4               |  |
| 100               |  | 86                |  | 61                |  | 35                |  | 15                |  |                   |  | 20                |  |
|                   |  |                   |  |                   |  |                   |  |                   |  | A <sup>12.2</sup> |  | A <sup>12.2</sup> |  |
|                   |  |                   |  |                   |  |                   |  |                   |  | 6.7               |  | 6.7               |  |
|                   |  |                   |  |                   |  |                   |  |                   |  | 43                |  | 68                |  |
|                   |  |                   |  |                   |  |                   |  |                   |  |                   |  | 94                |  |
|                   |  |                   |  |                   |  |                   |  |                   |  |                   |  | 110               |  |

|                   |                   |                   |                   |                   |                   |                   |                   |     |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| A <sup>12.5</sup> | A <sup>12.5</sup> | A <sup>12.5</sup> | A <sup>12.8</sup> | A <sup>12.1</sup> | A <sup>11.3</sup> | A <sup>10.3</sup> | A <sup>10.4</sup> |     |
| 6.4               | 6.4               | 6.4               | 6.54              | 6.1               | 6.8               | 7.6               | 8.1               | 8.5 |
| 100               | 81                | 60                | 36                | 26                | 54                | 78                | 100               |     |
| Rt Side           |                   |                   | MH                |                   | Lt. Side          |                   |                   |     |

|                   |                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| A <sup>12.6</sup> | A <sup>12.8</sup> | A <sup>13.1</sup> | A <sup>13.4</sup> | A <sup>13.8</sup> | A <sup>14.4</sup> |
| 6.3               | 6.1               | 5.8               | 5.5               | 5.1               | 4.5               |
| 126               | 151               | 177               | 200               | 245               | 300               |
| Lt Side           |                   |                   |                   |                   |                   |

|                   |                   |                   |                   |                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| A <sup>10.0</sup> | A <sup>10.5</sup> | A <sup>11.1</sup> | A <sup>11.6</sup> | A <sup>12.6</sup> | A <sup>12.1</sup> | A <sup>12.1</sup> | A <sup>12.1</sup> | A <sup>12.2</sup> |
| 8.9               | 8.4               | 7.8               | 7.3               | 6.3               | 6.8               | 6.8               | 6.8               | 6.7               |
| 100               | 75                | 51                | 26                |                   | 30                | 56                | 81                | 100               |

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| A <sup>12.2</sup> | A <sup>12.2</sup> | A <sup>13.9</sup> |
| 6.7               | 6.7               | 5.0               |
| 50                |                   | 50                |

Top Hyd SW Corner Birch St. & White Bear Ave.

|                   |                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| A <sup>12.4</sup> | A <sup>12.3</sup> | A <sup>12.1</sup> | A <sup>11.7</sup> | A <sup>11.5</sup> | A <sup>11.7</sup> |
| 6.5               | 6.6               | 6.8               | 7.2               | 7.4               | 4.2               |
| 90                | 60                | 47                | 24                |                   | 50                |

Sta +  $\pi$  - Elev.

<sup>.85</sup>  
948.82

150 Ent Rt

+30

151

T.P. 6.12 943.<sup>.45</sup>~~42~~ 11.52 937.<sup>.32</sup>~~30~~

+52 S. Gutter Line

+67  $\angle$  Lake Aires Blvd.

+84

152

153

+08 MH 23 Rt

<sup>57.6</sup>  
5.93

Lt

July 20, 1967

RT

23

A1.3

7.6

50

39.1

9.5

50

39.0

9.9

50

A0.7

8.2

8.7

40.2

8.7

39.2

9.7

A0.4

8.5

20

A0.4

8.5

42

A0.4

8.5

62

A0.4

8.5

88

36.1

12.3

50

3A.5

14.4

50

Drains to Culv

S. End Culvert

36.7

36.6

37.3

38.0

38.5

7.3

6.9

6.2

5.5

5.0

75

60

41

28

35.4

36.4

36.8

37.4

37.9

38.4

37.6

7.7

7.1

6.7

5.9

5.6

5.1

5.93

100

72

58

32

19

MH

+20MH

MH

21

10.18

3.35

6.83

21nv

36.3op

26'

35.4

36.1

36.6

37.4

38.3

7.9

7.4

6.9

6.1

5.2

100

78

55

24

36.9

6.6

50

38.2

5.3

34.6

8.9

50

37.6

5.9

50

38.0

5.5

36.0

7.5

50

Drains to Culv



Sta +  $\pi$  - Elev.

<sup>.45</sup>  
943.42

153 + 93 Ent Lt

154

+ 58 MH 33' Lt, <sup>38.6</sup> 4.88

+ 63 Ent Rt.

155 Ent Lt

BM 2.34 <sup>.64</sup> 943.43 <sup>.12</sup> 2.33 941.09

+ 75 MH 21' Rt <sup>29.1</sup> 4.52

+ 81 Ent Lt Dotte St. Rt.

156

157

BM 2.56 <sup>.68</sup> 943.65 <sup>.12</sup> 2.34 941.09

+ 48 Walk Rt.

24

BF

4.1, 4.65, 4.34  
30, 54

30

54

Sta +  $\pi$  - Elev

<sup>68</sup>  
943.65

158

+24 Ent Lt.

+74 Ent Rt.

159 Low area Lt & Rt

T.P. 7.14 945.<sup>-80</sup>77 5.02 938.<sup>-66</sup>63

Nail in  
Back side  
T.P.

160

+31 Ent. Rt.

+70 Ent Rt.

161

BM

2.77

943.03

943.00

$\pm$  C. Rd "F"

BM

6

4.72

941.<sup>08</sup>05

941.07





Used To check Elev. Before Adjustment

| Sta  | +    | -      | Elev |        |
|------|------|--------|------|--------|
| BM   | 1.98 | 944.87 |      | 942.89 |
| BM   | 1.68 | 942.65 | 3.90 | 940.97 |
| TP   | 7.99 | 945.17 | 5.47 | 937.18 |
| BM   | 5.22 | 949.35 | 1.04 | 944.13 |
| BM   | 2.50 | 950.78 | 1.07 | 948.28 |
| BM   | 4.62 | 955.00 | 0.40 | 950.38 |
| BM   | 3.58 | 957.64 | 0.94 | 954.06 |
| BM   | 1.42 | 958.38 | 0.68 | 956.96 |
| BM   | 1.24 | 956.95 | 2.67 | 955.71 |
| BM   | 1.07 | 955.62 | 2.40 | 954.55 |
| BM   | 2.61 | 955.42 | 2.81 | 952.81 |
| BM   | 0.63 | 952.36 | 3.69 | 951.73 |
| BM   | 3.17 | 951.73 | 3.80 | 948.56 |
| BM   |      |        | 2.65 | 949.08 |
| BM   | 0.93 | 951.31 |      | 950.38 |
| T.P. | 6.07 | 949.79 | 7.59 | 943.72 |
| BM   | 1.22 | 949.49 | 1.52 | 948.27 |
|      |      |        | 5.53 | 944.96 |
| BM   |      |        | 5.41 | 944.08 |

Raise Elev. 0.05

937.18  
944.14

948.34  
950.46

954.16  
957.06

955.80  
954.63

952.20  
951.82

948.64  
949.44

944.19

944.04

944.13

To State, Datum!  $\pm$  July 25, 1967 Rt 26

Top Hyd NW Corner "F" & White Bear Ave.

Top Hyd NW Corner Dotte Rd.

S. End. Culvert Lt.

Top Hyd S.W. Corner Birch St & W.B.A.

Top Hyd N.N.W. Oak Knoll Drive & W.B.A.

Top Hyd across from Ho. No. 3864 W.B.A.

Top Hyd S.S.E. Corner Cedar & White Bear Ave

Top Hyd. by 3785 W.B.A.

Top Hyd by N.E. Cor. Richard & W.B.A.

Top Hyd by No 3776

Top Hyd N.E Cor Ronald & W.B.A.

Top Hyd by No 3664 W.B.A.

Top Hyd N.E Cor Spruce Place & W.B.A.

Top of Sec. Cor Iron at Co Rd "E"

Top Hyd S.W. across from Ho # 3864 W.B.A.

Top Bee Hive Surface Drain at Roth Place

Top Hyd NNW Oak Knoll, Drive & W.B.A.

S. End. Culo Lt.

Top Hyd. S.W. Corner Birch St. & W.B.A.

| Sta | +     | $\pi$  | -     | Elev.             |
|-----|-------|--------|-------|-------------------|
| BM  | 2.25  | 962.96 |       | 960.71            |
| TP  | 1.74  | 957.60 | 7.10  | 955.86            |
| BM  | 4.41  | 951.30 | 10.71 | 946.89            |
| TP  | 5.81  | 951.30 | 5.81  | 945.49 Lower 0.18 |
| TP  | 13.14 | 960.13 | 4.31  | 946.99            |
| TP  | 7.06  | 963.70 | 3.49  | 956.64            |
| BM  |       |        | 2.99  | 960.71 960.71     |

FK  
HL  
GM

July 24, 1967

27

$\frac{1}{2}$ " Lag bolt base 20" Elm 90'E + 40'S of  
stone S  $\frac{1}{4}$  Cor. Sec 35-30-22

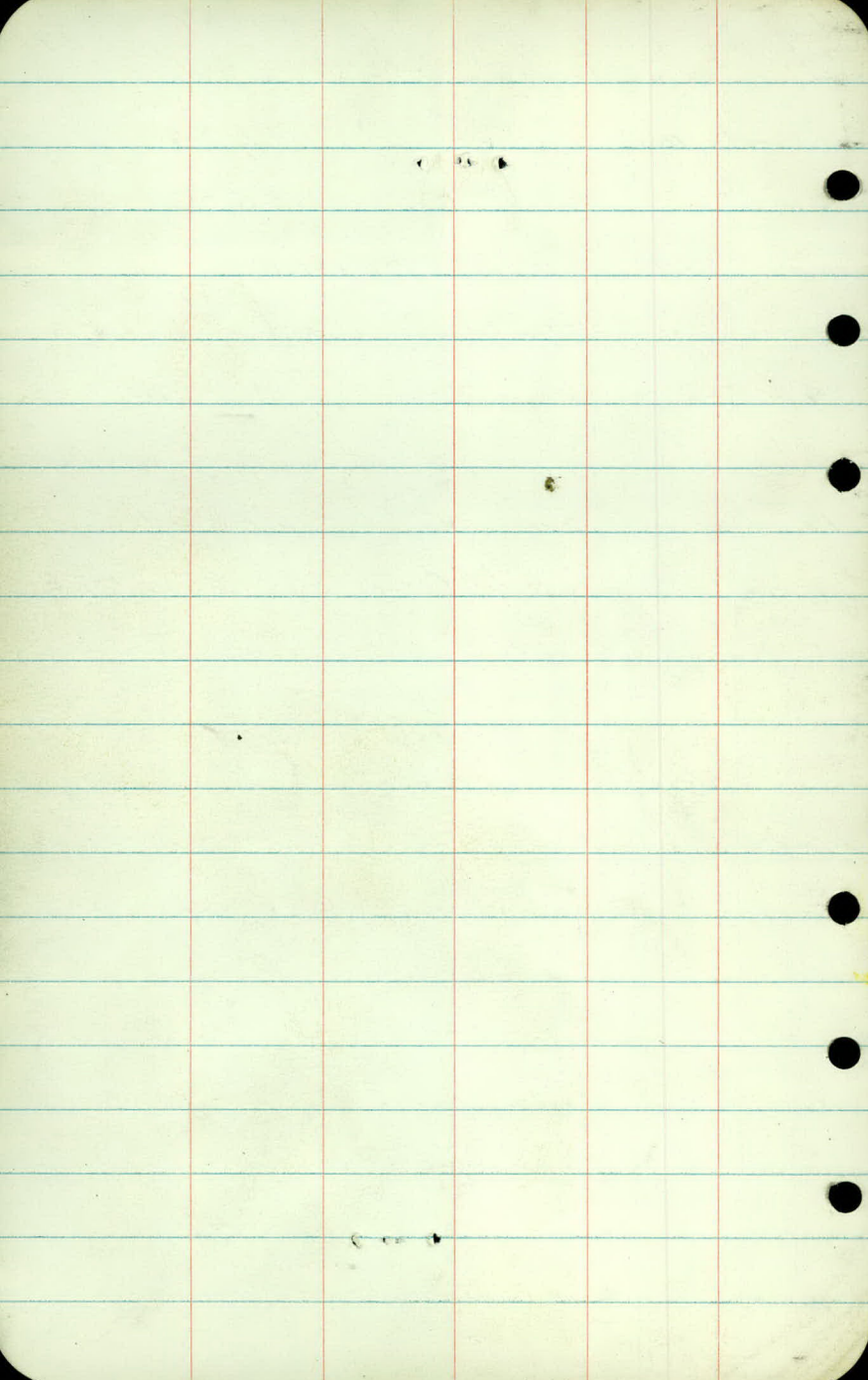
Top Drill Hole Sta 54+81.22±

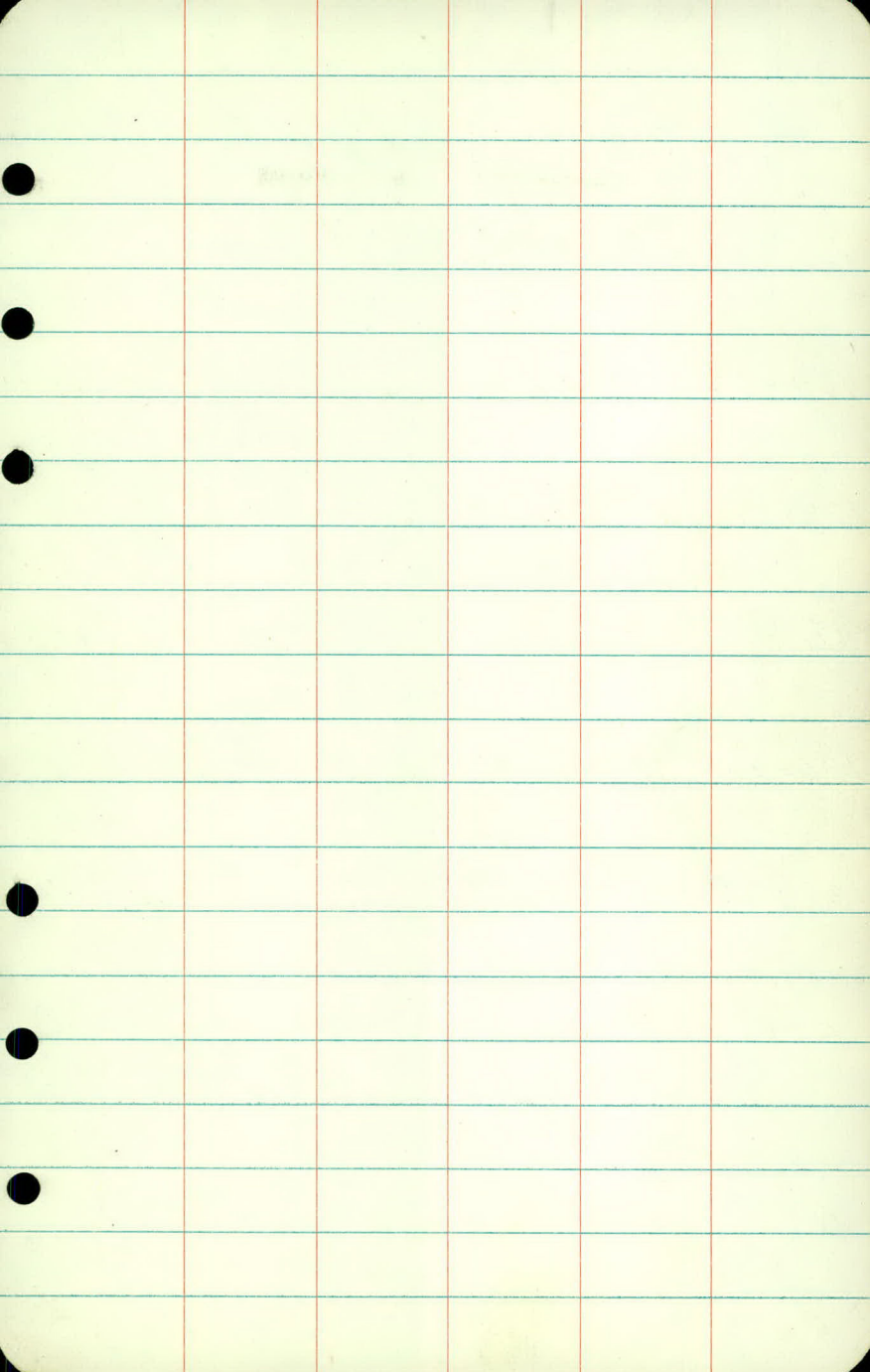
Rock

Stone

$\frac{1}{2}$ " Lag bolt Base 20" Elm 90'E + 40'S of  
S  $\frac{1}{4}$  Corner Sec. 35-30-22







| Sta | +    | $\pi$  | - | Elev.    |
|-----|------|--------|---|----------|
| BM  | 0.22 | 957.33 |   | (957.11) |

|        |    |        |      |        |
|--------|----|--------|------|--------|
| 131+18 | MH | 33' Rt | 4.16 | 953.17 |
|--------|----|--------|------|--------|

|        |    |        |      |        |
|--------|----|--------|------|--------|
| 131+52 | Lt | 20' MH | 5.49 | 951.84 |
|--------|----|--------|------|--------|

|        |    |        |      |        |
|--------|----|--------|------|--------|
| 133+87 | MH | 21' Lt | 6.02 | 951.31 |
|--------|----|--------|------|--------|

|    |      |        |      |                 |
|----|------|--------|------|-----------------|
| BM | 1.62 | 955.84 | 3.10 | 954.18 (954.22) |
|----|------|--------|------|-----------------|

|        |    |        |      |        |
|--------|----|--------|------|--------|
| 136+31 | MH | 14' Lt | 6.23 | 949.61 |
|--------|----|--------|------|--------|

|        |    |        |       |        |
|--------|----|--------|-------|--------|
| 138+88 | MH | 15' Lt | 10.07 | 945.77 |
|--------|----|--------|-------|--------|

|    |  |  |      |                 |
|----|--|--|------|-----------------|
| BM |  |  | 5.32 | 950.52 (950.52) |
|----|--|--|------|-----------------|

|    |      |        |  |          |
|----|------|--------|--|----------|
| BM | 1.94 | 950.35 |  | (948.41) |
|----|------|--------|--|----------|

|        |    |        |      |        |
|--------|----|--------|------|--------|
| 142+56 | MH | 37' Rt | 4.67 | 945.68 |
|--------|----|--------|------|--------|

|        |    |        |      |                 |
|--------|----|--------|------|-----------------|
| 142+28 | MH | 55' Lt | 6.05 | 944.30 (944.28) |
|--------|----|--------|------|-----------------|

FX  
AS  
DW

August 20, 1969 28

Top Hyd by Ho # 3785 White Bear Ave.

Top Hyd. S. S.E. Corner Cedar & W.B.A.

Top Hyd. across from Ho # 3864 W.B. Ave.

Top Hyd

114



| Sta | +    | X      | - | Elev   |
|-----|------|--------|---|--------|
| TP  | 5.65 | 942.88 |   | 937.23 |

|        |           |      |        |        |
|--------|-----------|------|--------|--------|
| 151+67 | MH 20' Lt | 5.15 | 937.73 | 937.85 |
|        |           | 2.96 |        |        |

|        |           |      |        |        |
|--------|-----------|------|--------|--------|
| 151+67 | MH 20' Rt | 5.44 | 937.44 | 937.52 |
|--------|-----------|------|--------|--------|

|        |           |      |        |  |
|--------|-----------|------|--------|--|
| 151+75 | MH 20' Rt | 5.43 | 937.53 |  |
|--------|-----------|------|--------|--|

|        |           |      |        |  |
|--------|-----------|------|--------|--|
| 153+69 | MH 20' Rt | 6.70 | 936.18 |  |
|--------|-----------|------|--------|--|

|    |  |      |        |        |
|----|--|------|--------|--------|
| BM |  | 1.89 | 940.99 | 940.97 |
|----|--|------|--------|--------|

|        |           |      |        |        |
|--------|-----------|------|--------|--------|
| 155+22 | MH 26' Lt | 3.96 | 938.92 | 938.93 |
|--------|-----------|------|--------|--------|

|    |      |        |  |        |
|----|------|--------|--|--------|
| BM | 2.53 | 945.56 |  | 943.03 |
|----|------|--------|--|--------|

|        |            |                     |        |  |
|--------|------------|---------------------|--------|--|
|        |            | <u>4.67</u><br>8.80 |        |  |
| 161+71 | MH 21' Lt. | 5.47                | 940.09 |  |

|        |            |      |        |        |
|--------|------------|------|--------|--------|
| 161+54 | MH 27' Rt. | 4.80 | 940.76 | 940.65 |
|--------|------------|------|--------|--------|

WHITE BEAR AVENUE

E to F

Additional x-sections

Sta +  $\pi$  - Elev.

BM 3.54 952.32

(948.78)

113+13 Ent Lt.

+89 Ent Rt

✓

114+70 Ent Rt & Lt.

115+60 Ent Lt & Rt.

✓

FX  
GA  
CM

14

Oct. 21, 1969  
151  
R1

Top Hyd NE Corner Spruce Place & W.B.A.

47.7 47.3 46.5 46.4 46.1 46.3  
46 50 58 59 620 60 64 62 52 46 44  
100 86 52 40 25 26 28 46 60 71

44.9 45.0 46.8 46.7 46.4 46.8  
74 73 55 56 59 55 5.7 5.3 4.9 4.5 4.1  
44 40 34 19 18 16 30 44 58 71

46.3 47.1  
60 5.2  
50 71

48.2 47.5 47.2 47.4 47.3 47.5  
4.1 4.8 5.1 4.7 5.0 4.8 4.9 4.5 4.0 3.1 2.8  
71 53 33 19 11 13 27 40 60 71

48.9 48.4 48.0 48.1 48.3  
55 3.4 3.9 4.3 4.2 4.0 4.2 3.7 2.6 2.19  
53 36 19 10 10 21 35 43  
Conc

1.71 1.86  
81 57  
Conc Ent



Sta +  $\pi$  - Elev.

952.32

115+81 Ent Rt

✓

BM 1.91 953.87 0.37 951.95 (951.96)

116+59 Ent Rt

✓

+70 Ent Lt.

117+16 Ent Lt.

Oct. 21, 1969

1+

2

R+

|      |      |      |      |      |      |    |    |    |    |
|------|------|------|------|------|------|----|----|----|----|
| 15.7 | 45.5 | 47.9 | 47.8 | 48.1 | 48.4 |    |    |    |    |
| 66   | 68   | 44   | 45   | 42   | 39   | 41 | 35 | 24 | 16 |
| 30   | 25   | 20   | 16   | 10   |      | 10 | 23 | 42 | 64 |

|      |     |    |  |  |  |  |  |     |  |
|------|-----|----|--|--|--|--|--|-----|--|
| 48.2 |     |    |  |  |  |  |  |     |  |
| 4.1  | 34  | 33 |  |  |  |  |  | 1.5 |  |
| 37   | 51  | 57 |  |  |  |  |  | 71  |  |
| Top  | Hyd |    |  |  |  |  |  |     |  |

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 5.0 | 5.0 | 4.5 | 3.7 | 3.0 |
| 10  | 17  | 31  | 47  |     |

|     |     |     |
|-----|-----|-----|
| 2.1 | 2.2 | 2.8 |
| 71  | 65  | 48  |

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 47.6 | 47.3 | 49.1 | 47.1 | 47.2 | 47.4 |
| 4.7  | 5.0  | 4.9  | 5.2  | 5.1  | 4.9  |
| 71   | 39   | 27   | 17   | 11   |      |

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 5.3 | 5.4 | 5.3 | 5.1 | 4.8 | 4.6 |
| 71  | 44  | 27  | 18  | 10  |     |

Sta +  $\pi$  - Elev.

953.87

118+75 Ent Lt.

✓

BM

0.81 953.06 953.05

118+50 Need Drainage Pick-Up Left

119+00 " " " " "

117+00 " " " " "

Lt

L

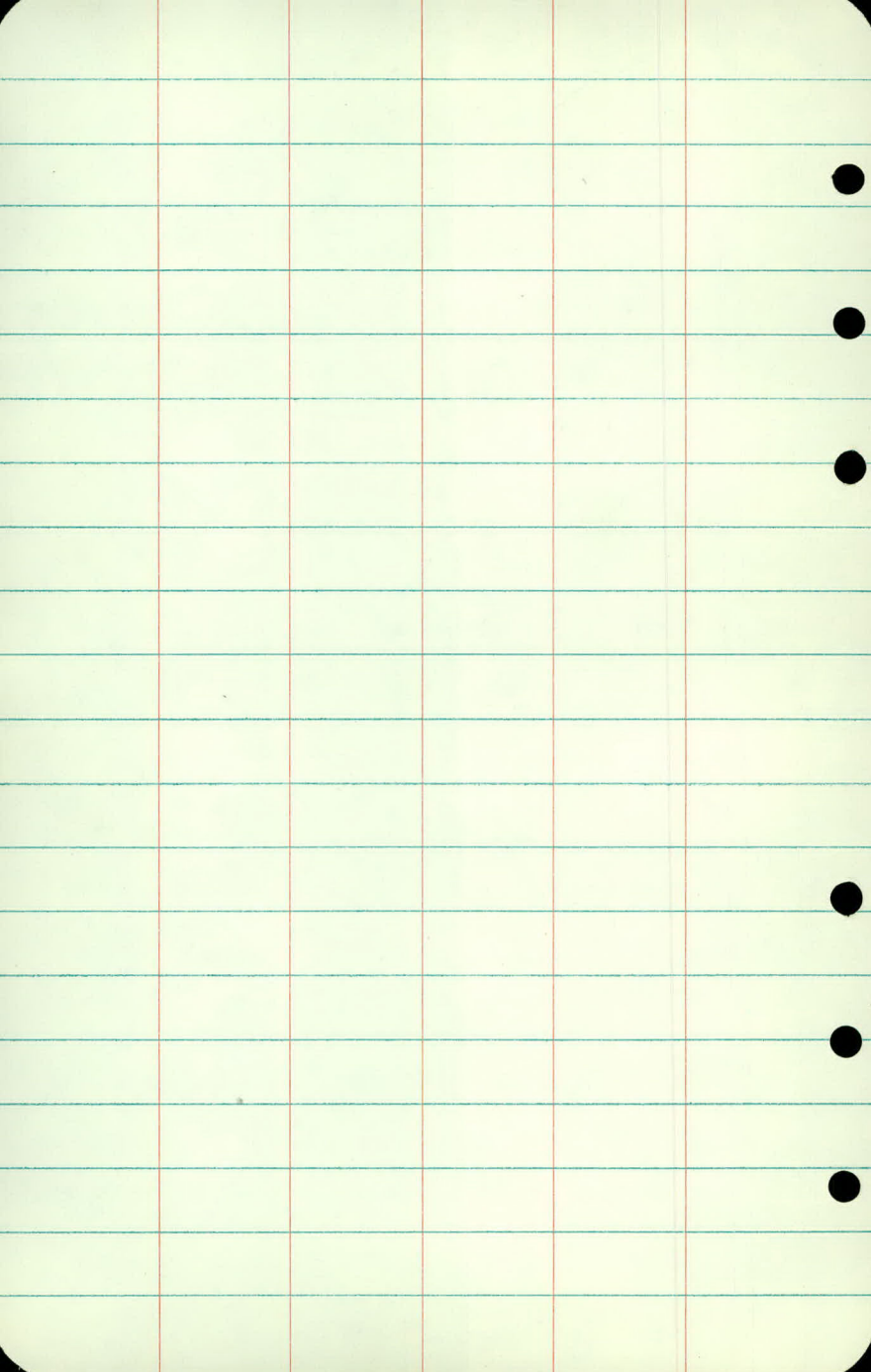
Rt

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4.9 | 4.2 | 3.9 | 3.7 | 3.5 | 3.6 | 3.5 | 5.4 | 5.3 |
| 36  | 21  | 15  | 10  |     | 10  | 14  | 21  | 26  |

|     |     |     |  |     |     |     |     |
|-----|-----|-----|--|-----|-----|-----|-----|
| 5.9 | 5.1 | 5.0 |  | 1.9 | 2.1 | 2.6 | 3.9 |
| 44  | 70  | 95  |  | 71  | 57  | 42  | 33  |

Top Hyd N. E. Corner Ronald & W. B. A.





Nov. 3, 1969

a

62-665-10

X-section Extensions

BM 2.33 955.29

952.96

120

+25

BM 2.10 957.96

955.86

122+50

123

+50

BM 3.26 957.25 3.26 954.70 954.69

Nov. 3, 1969

b

Top Hyd NE Cor Ronald & W.B. Ave

|      |      |      |      |      |
|------|------|------|------|------|
| 51.0 | 50.2 | 49.9 | 49.4 | 51.0 |
| 4.3  | 5.1  | 5.4  | 5.9  | 4.3  |
| 115  | 100  | 88   | 75   |      |

|      |      |      |      |
|------|------|------|------|
| 52.2 | 49.9 | 44.4 | 46.5 |
| 3.1  | 5.4  | 5.9  | 6.8  |
| 78   | 59   | 36   | 26   |

Top Hyd NE Cor Raditz & W.B. Ave

|      |      |      |      |
|------|------|------|------|
| 52.6 | 52.0 | 51.6 | 52.3 |
| 5.4  | 6.0  | 6.4  | 5.7  |
| 100  | 65   | 50   |      |

|      |      |      |
|------|------|------|
| 52.3 | 52.1 | 51.6 |
| 5.7  | 5.9  | 6.4  |
| 100  | 88   | 65   |

|      |      |      |      |
|------|------|------|------|
| 52.9 | 52.6 | 52.0 | 52.8 |
| 5.1  | 5.4  | 6.0  | 5.2  |
| 100  | 75   | 50   |      |

Top Hyd by 3726



Sta + T - Elev

957.95

124+00



BM 1.60 952.12 950.52

138+28 Ent Lt. (NEW) C. Rock

138 4 4.11 48.00 48.1

Nov. 3, 1969

Lt

Lt

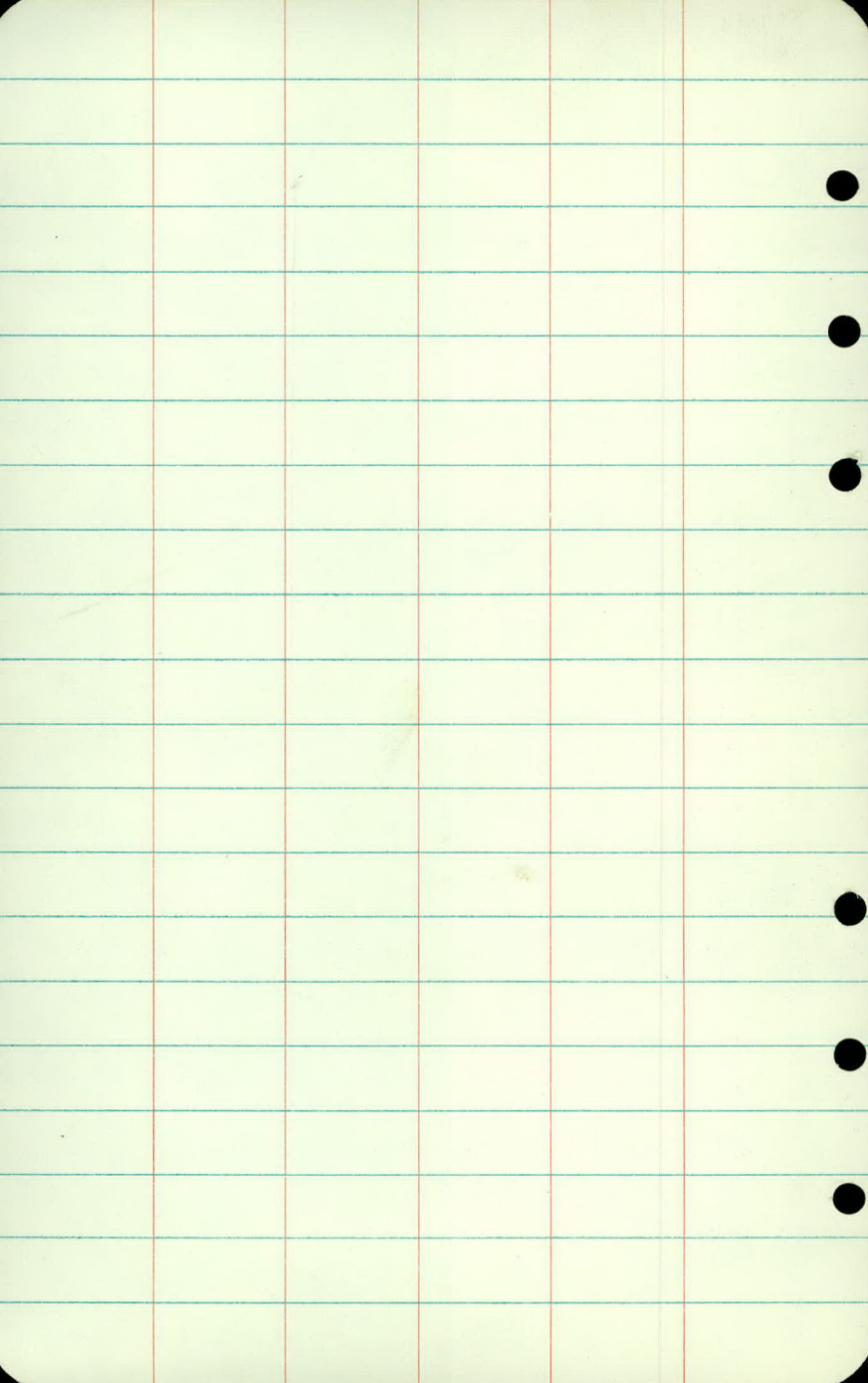
Rt

0

|                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| <sup>52.3</sup> | <sup>52.2</sup> | <sup>52.1</sup> | <sup>52.1</sup> | <sup>53.1</sup> |
| 5.7             | 5.8             | 5.9             | 5.9             | 4.9             |
| 141             | 123             | 100             | 50              |                 |
| Fence           |                 |                 |                 |                 |

Top Hyd across from #3864 W. B. Ave

|                 |                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <sup>47.5</sup> | <sup>47.1</sup> | <sup>47.3</sup> | <sup>47.5</sup> | <sup>47.7</sup> | <sup>47.9</sup> |
| 4.6             | 5.0             | 4.8             | 4.6             | 4.4             | 4.2             |
|                 | 17              | 28              | 42              | 54              | 67              |

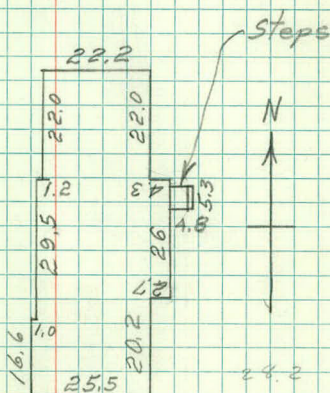


FK  
DS  
CM

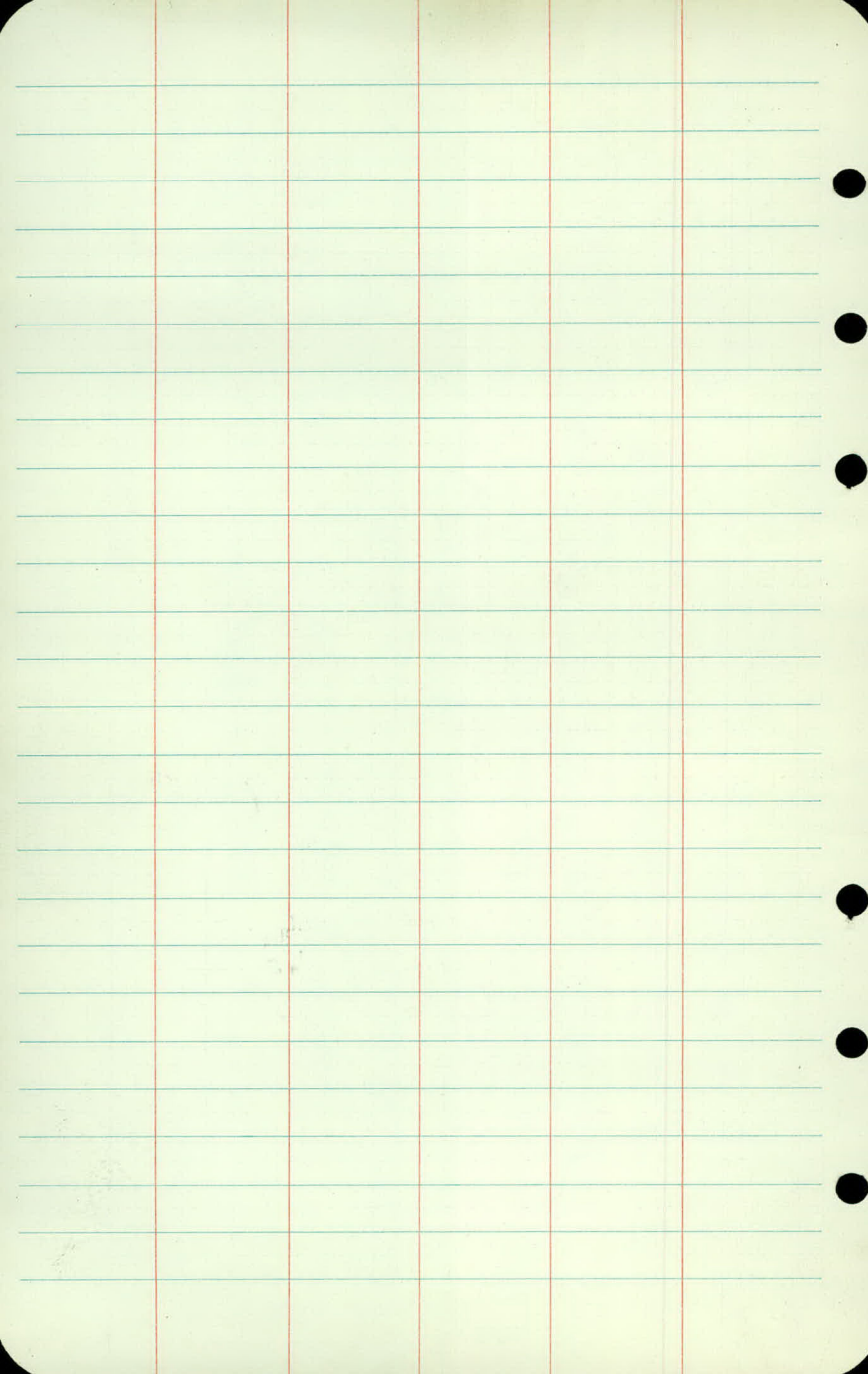
Nov. 5, 1969

1

# 3851



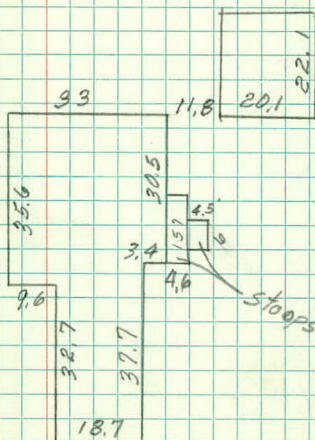


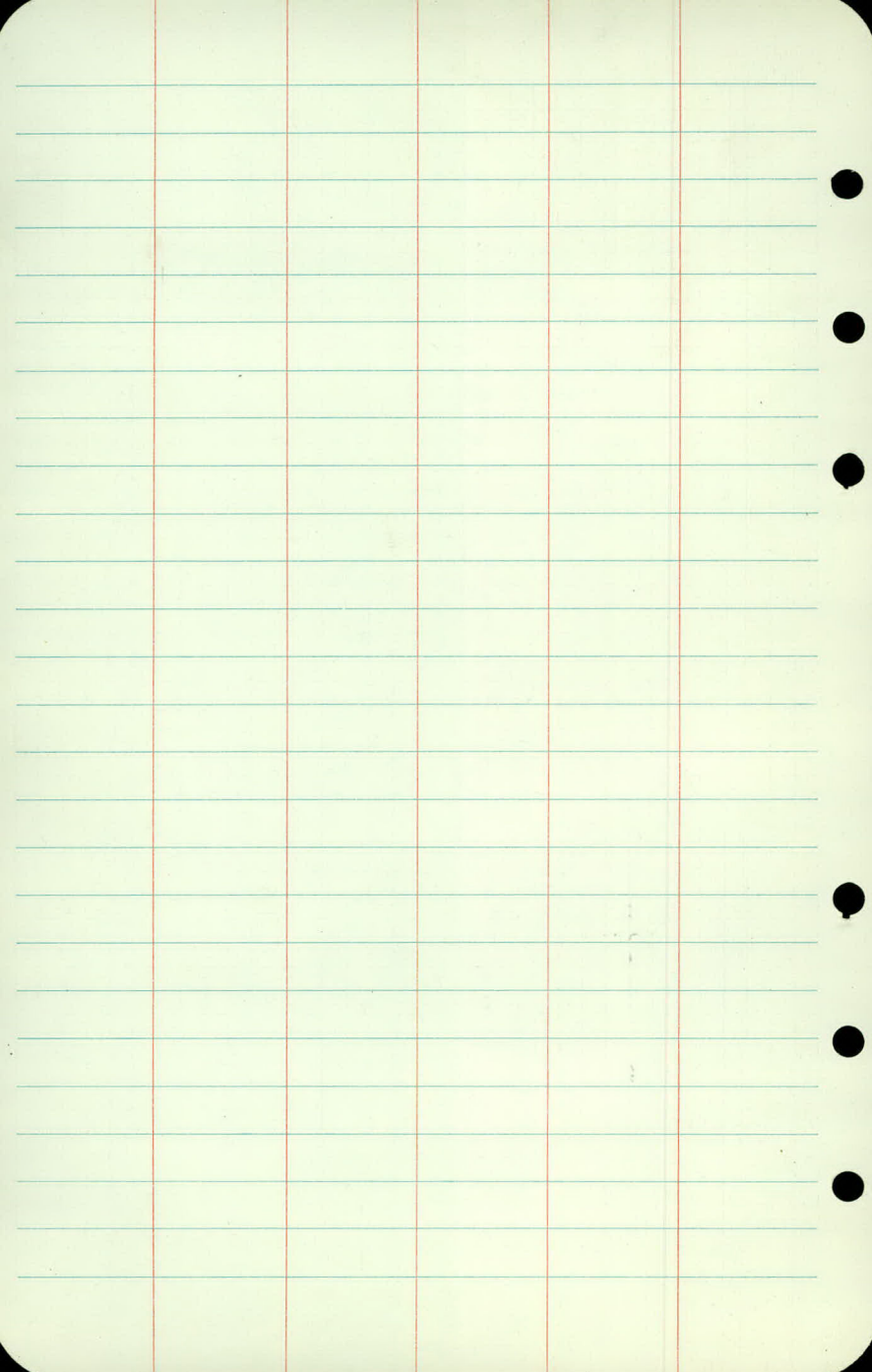


Nov. 5, 1969

2

# 39.65

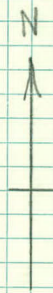
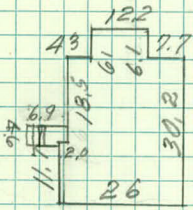




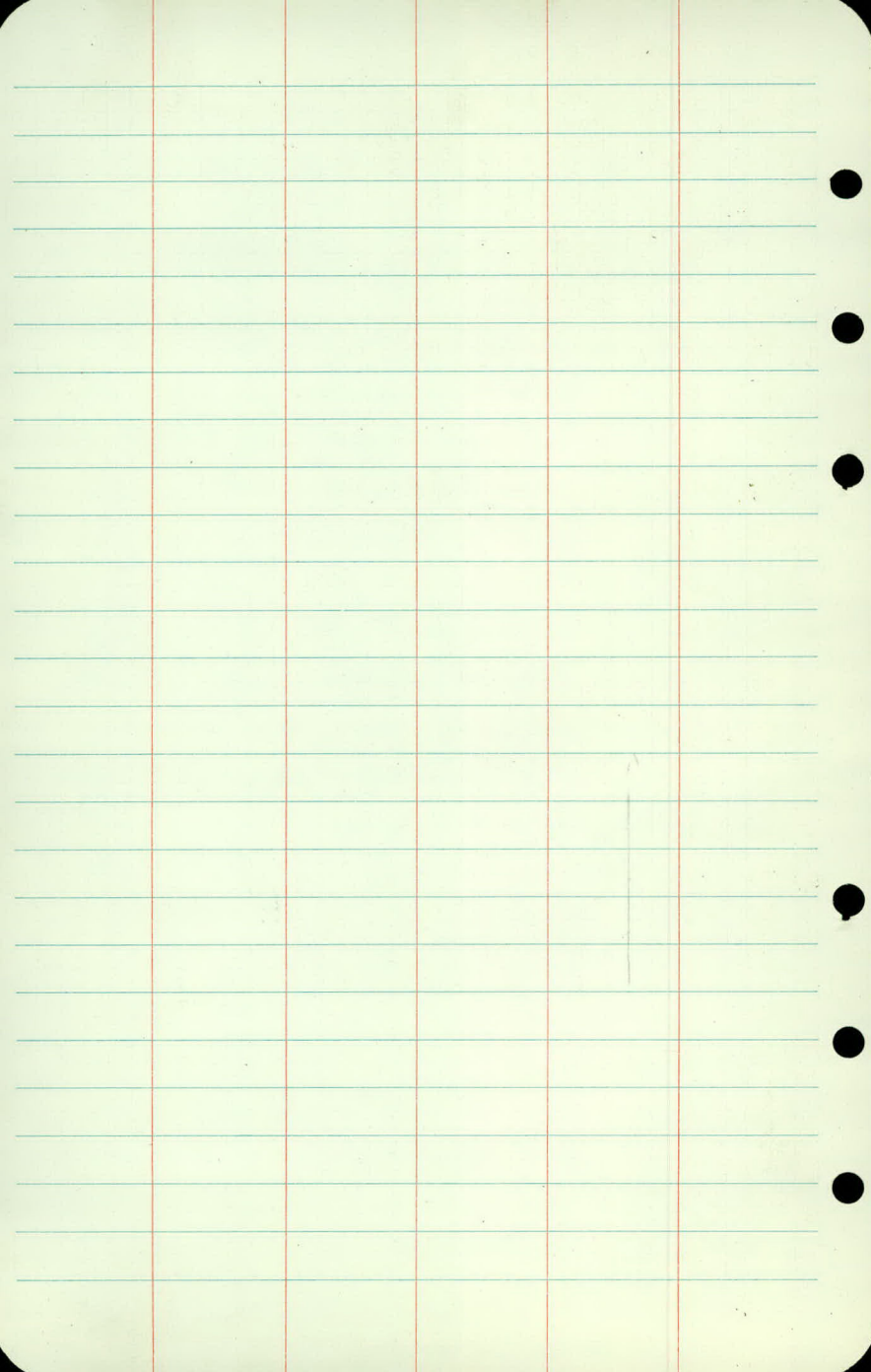
Nov. 5, 1969

3

# 4010



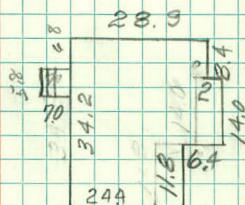


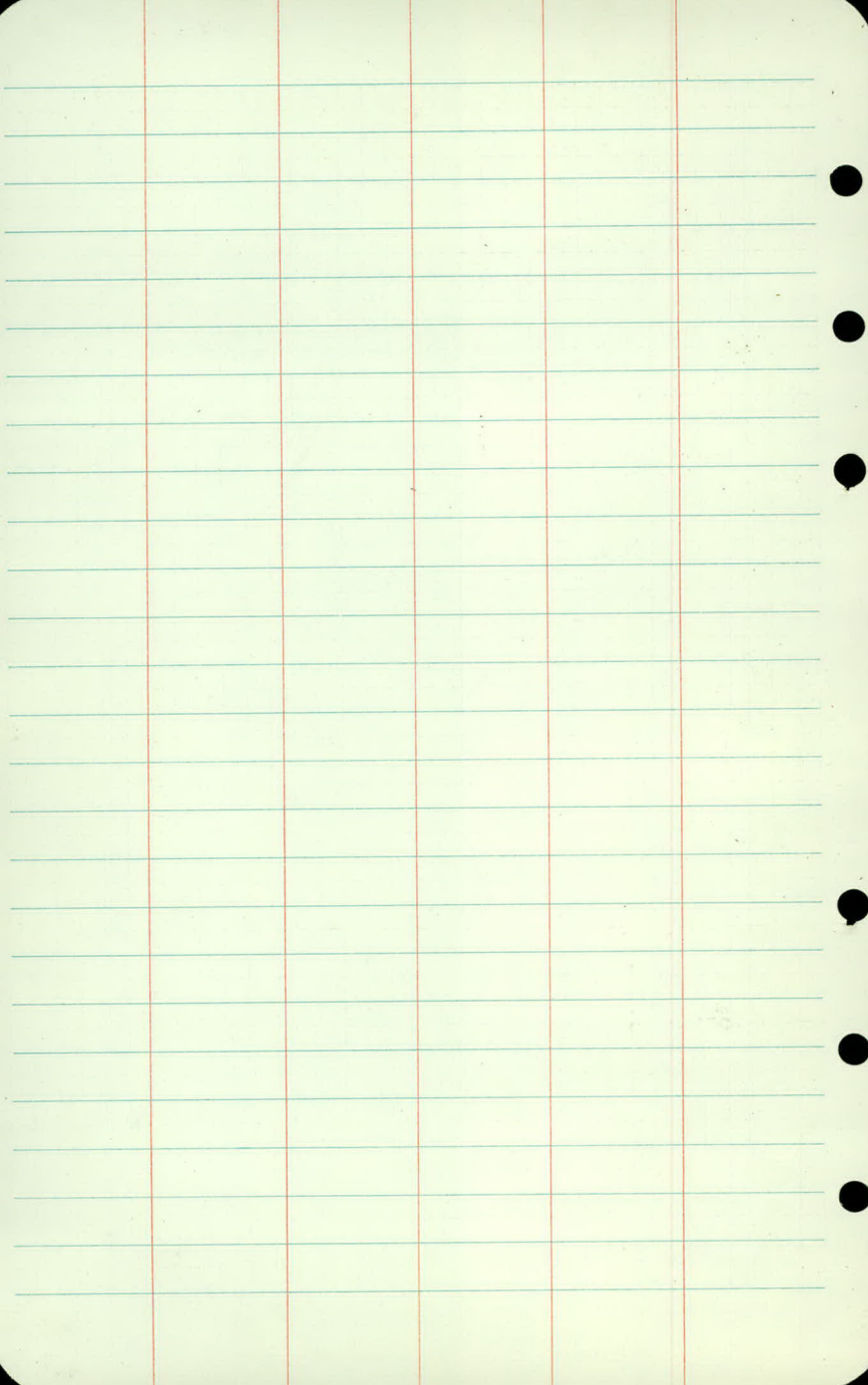


Nov. 5, 1969

4

# 4042

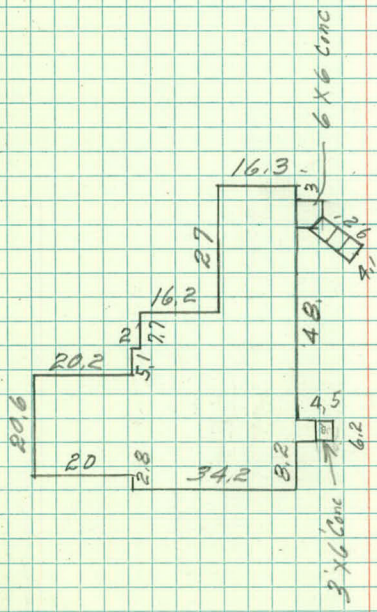




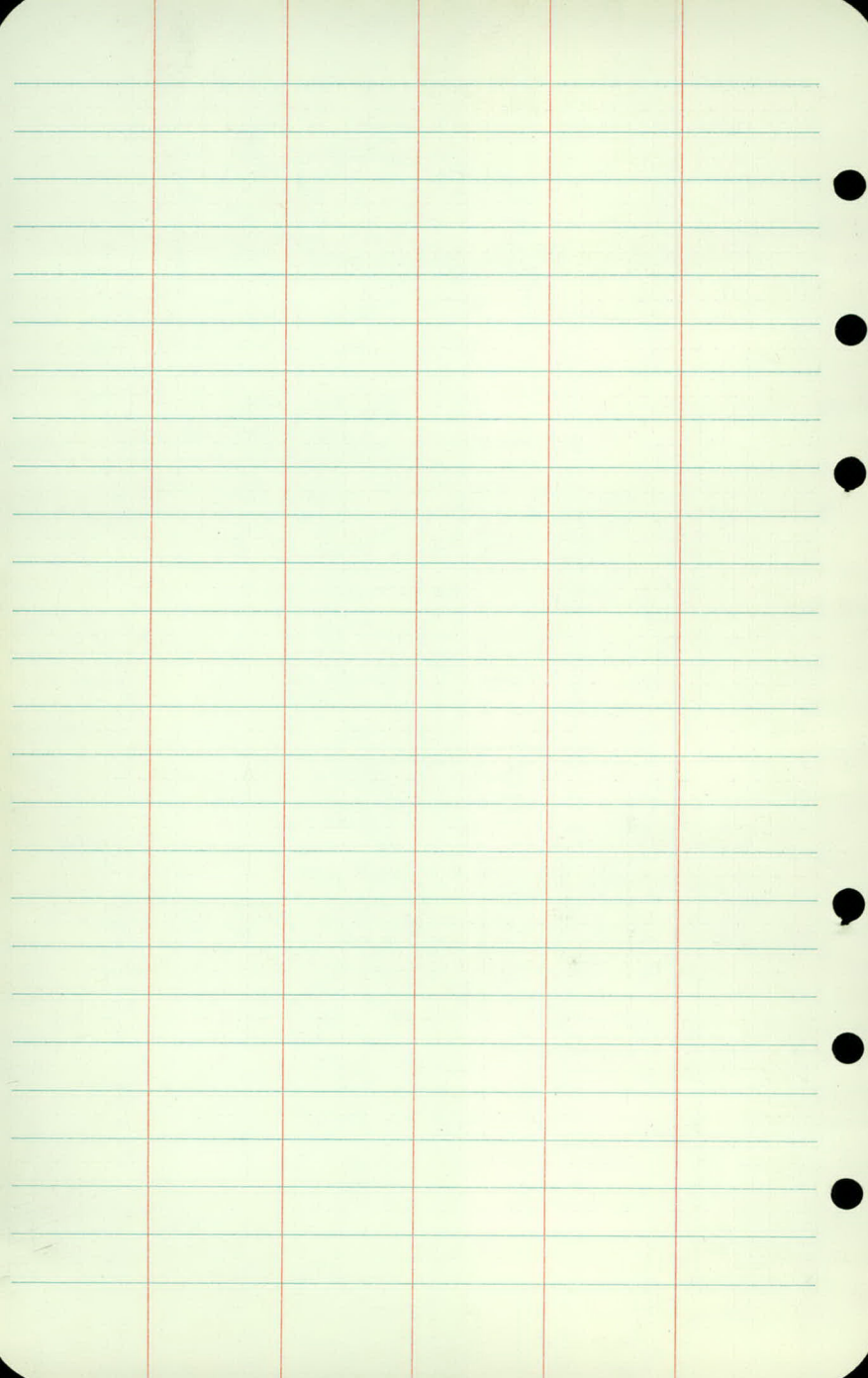
Nov. 5, 1969

5

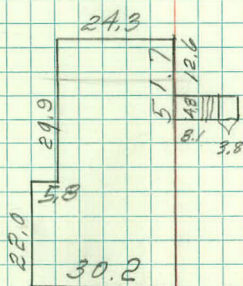
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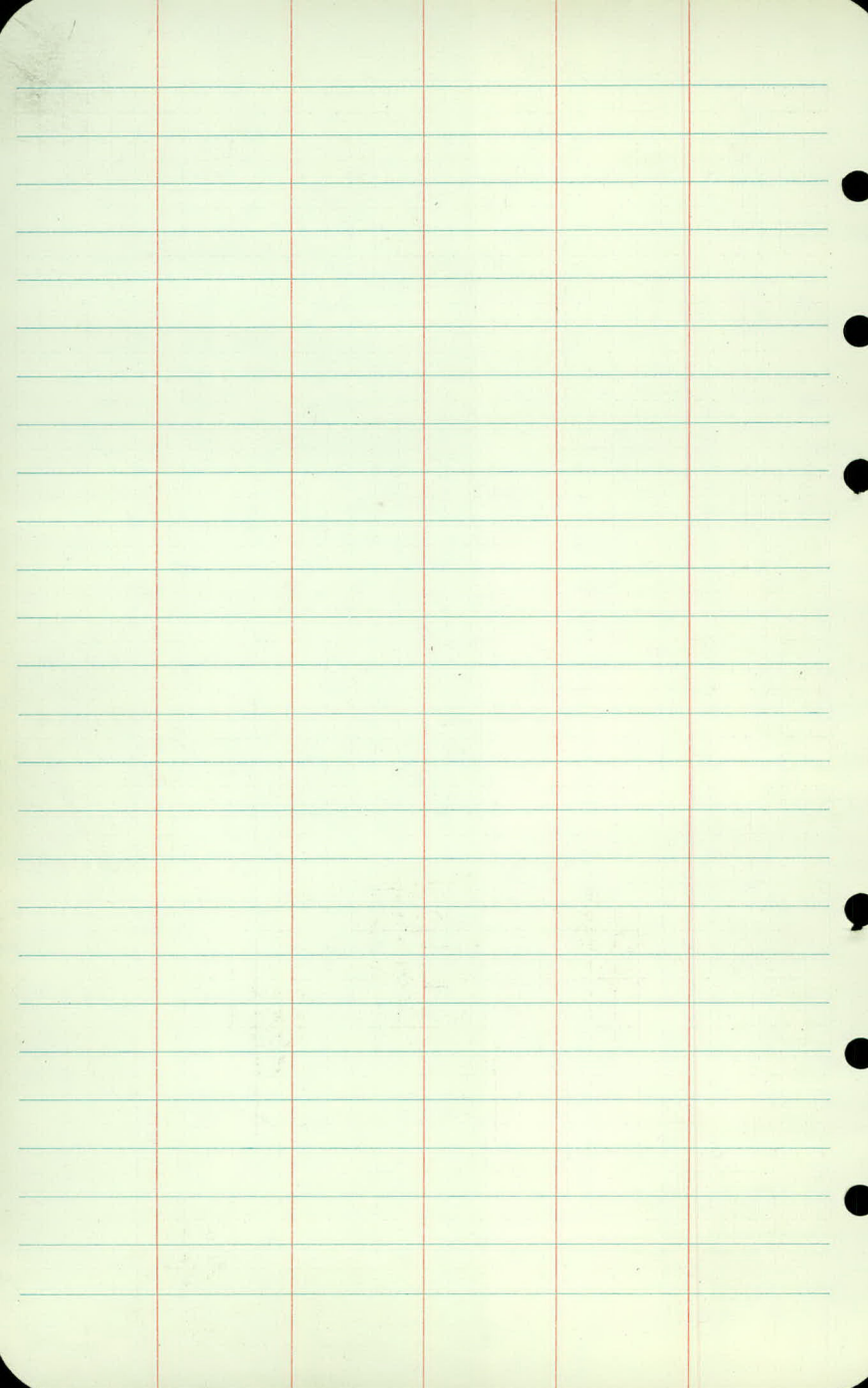






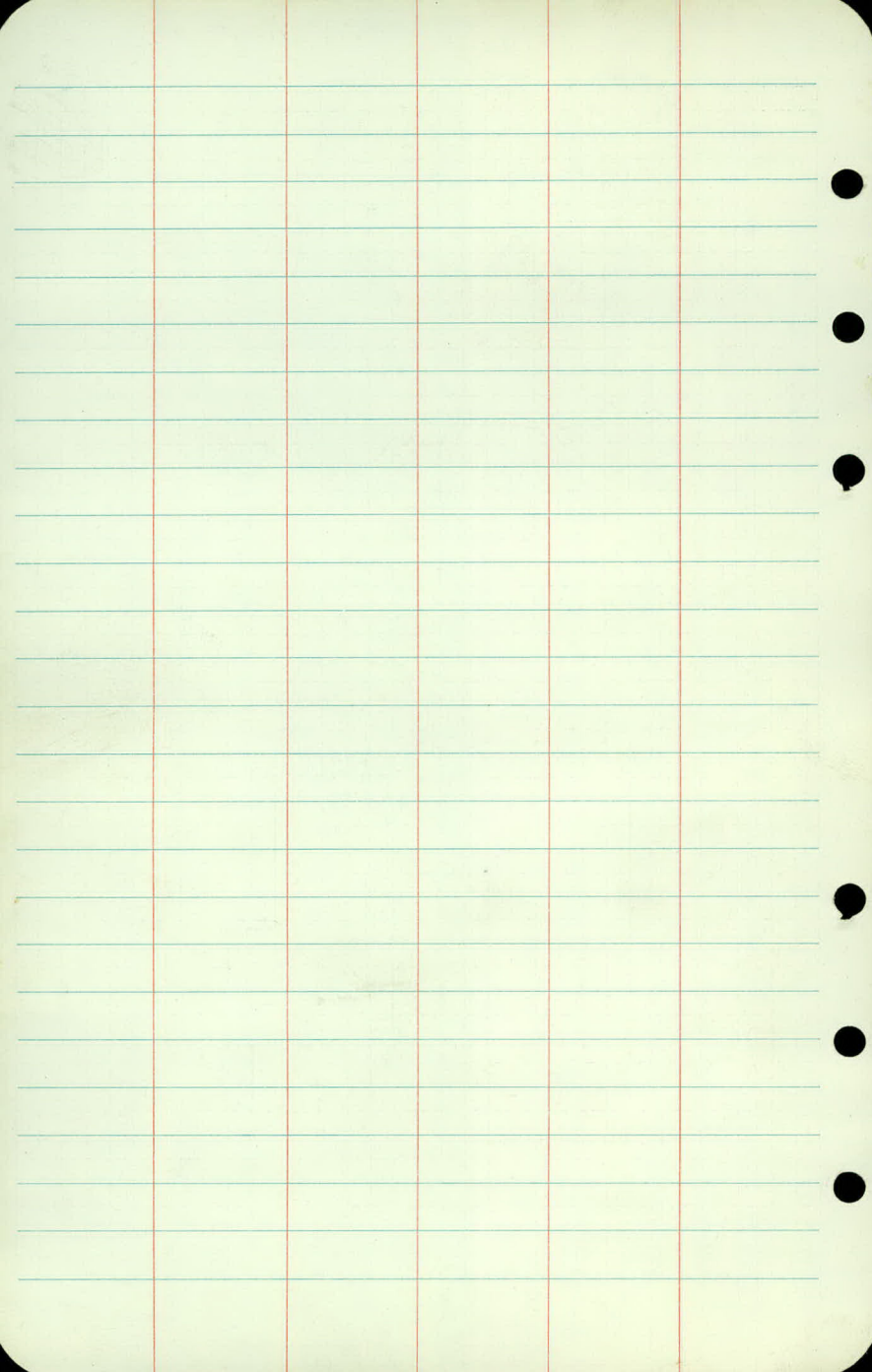
# <sup>25</sup>~~4009~~  
at Dotte Drive











March 30, 1970

a

Invert Elevation

M H

Sta 119+38 Rt <sup>27</sup> 48'

BM 2.14 955.19

953.05

119+38 Inv. Pipe  
27' Rt.

9.61 945.58

5.58 949.61

March 30, 1970

6

Top Hyd NE Corner Road & WBA



Sta +  $\pi$  - Elev

BM 2.67 951.45 948.78

12

+41 Sidewalk

+50

13

+50

14

FK  
LPD  
GA

Lt

April 16, 1970  
£

c

Top Hyd NE Corner Spruce Pl.

|      |      |      |      |        |     |
|------|------|------|------|--------|-----|
| A5.8 | Ab.1 | Ab.3 | Ab.2 | Ab.30  | 113 |
| 57   | 5.4  | 5.2  | 5.3  | 5.15 ✓ | +50 |
| 90   | 70   | 60   | 40   |        | 114 |

|       |       |       |      |        |     |
|-------|-------|-------|------|--------|-----|
| A7.06 | Ab.20 | A5.89 | Ab.A | Ab.A1  | +50 |
| 4.39  | 5.25  | 5.56  | 5.1  | 5.04 ✓ | 115 |
| 100   | 55    | 42    | 39   | 29     |     |
|       | walk  |       |      | Curb   |     |

|      |      |      |      |      |       |           |
|------|------|------|------|------|-------|-----------|
| A7.2 | Ab.3 | A5.9 | Ab.2 | Ab.3 | Ab.3A | 40-90' Lt |
| 4.3  | 5.2  | 5.6  | 5.3  | 5.2  | 5.11  |           |
| 100  | 80   | 60   | 57   | 37   | 29    |           |
|      |      |      |      |      | Curb  |           |

|      |      |      |       |       |   |
|------|------|------|-------|-------|---|
| A7.1 | Ab.7 | A5.9 | Ab.10 | Ab.A7 | ✓ |
| 4.4  | 4.8  | 5.6  | 4.9   | 4.98  |   |
| 106  | 86   | 61   | 52    | 29    |   |

|      |      |      |   |
|------|------|------|---|
| A7.9 | A7.2 | Ab.1 | ✓ |
| 3.6  | 4.3  | 5.4  |   |
| 100  | 82   | 59   |   |

|      |      |      |      |       |   |
|------|------|------|------|-------|---|
| A9.0 | Ab.1 | A7.0 | A5.0 | Ab.89 | ✓ |
| 25   | 3.4  | 4.5  | 6.5  | 4.56  |   |
| 94   | 78   | 57   | 43   |       |   |

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 951.45 |  |  |
|--|--|--------|--|--|

|       |  |  |  |  |
|-------|--|--|--|--|
| 14+50 |  |  |  |  |
|-------|--|--|--|--|

|    |  |  |  |  |
|----|--|--|--|--|
| 15 |  |  |  |  |
|----|--|--|--|--|

14