

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

PLAN

Survey

CO. RD. F

From T.H. 61 To McKNIGHT RD.

Road Acc't. No. 12

Date Filed _____

File _____

FK
HL
JE
PA

Sept. 8, 1966

1

Co. Rd. "F"

T.H. No. 61 to McKnight

PLAN SURVEY

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Sta Point ΔL ΔR

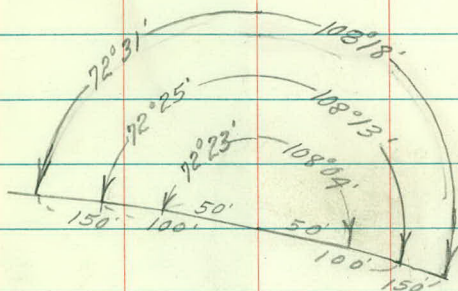
0+12.63 P.O.T. E. Edge Conc.

0+00 ∇ N. B. Lane T.H. No. 61

S.W. Cor. Sec 23-30-22

Sept. 8, 1966

2



P.K. Neil

Disk
PP

Q

99.42'

227.97'

Q

76.15'

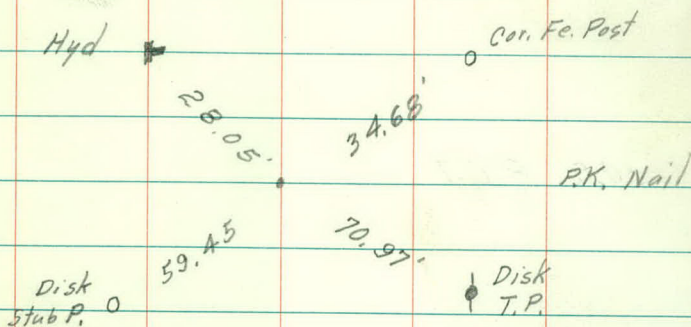
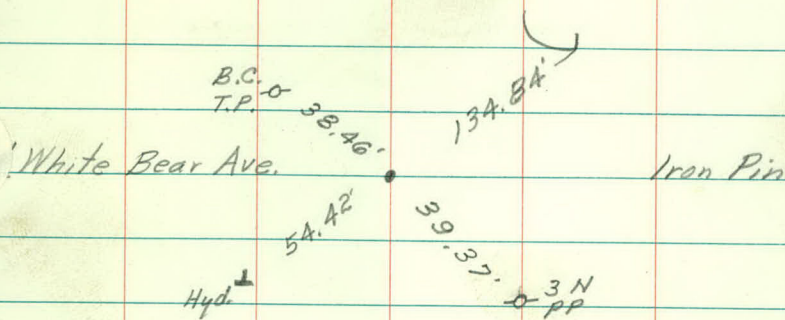
Disk
PP

114.79'

Disk
PP

Sept. 8, 1966

3



Sta	Point	ΔL	ΔR
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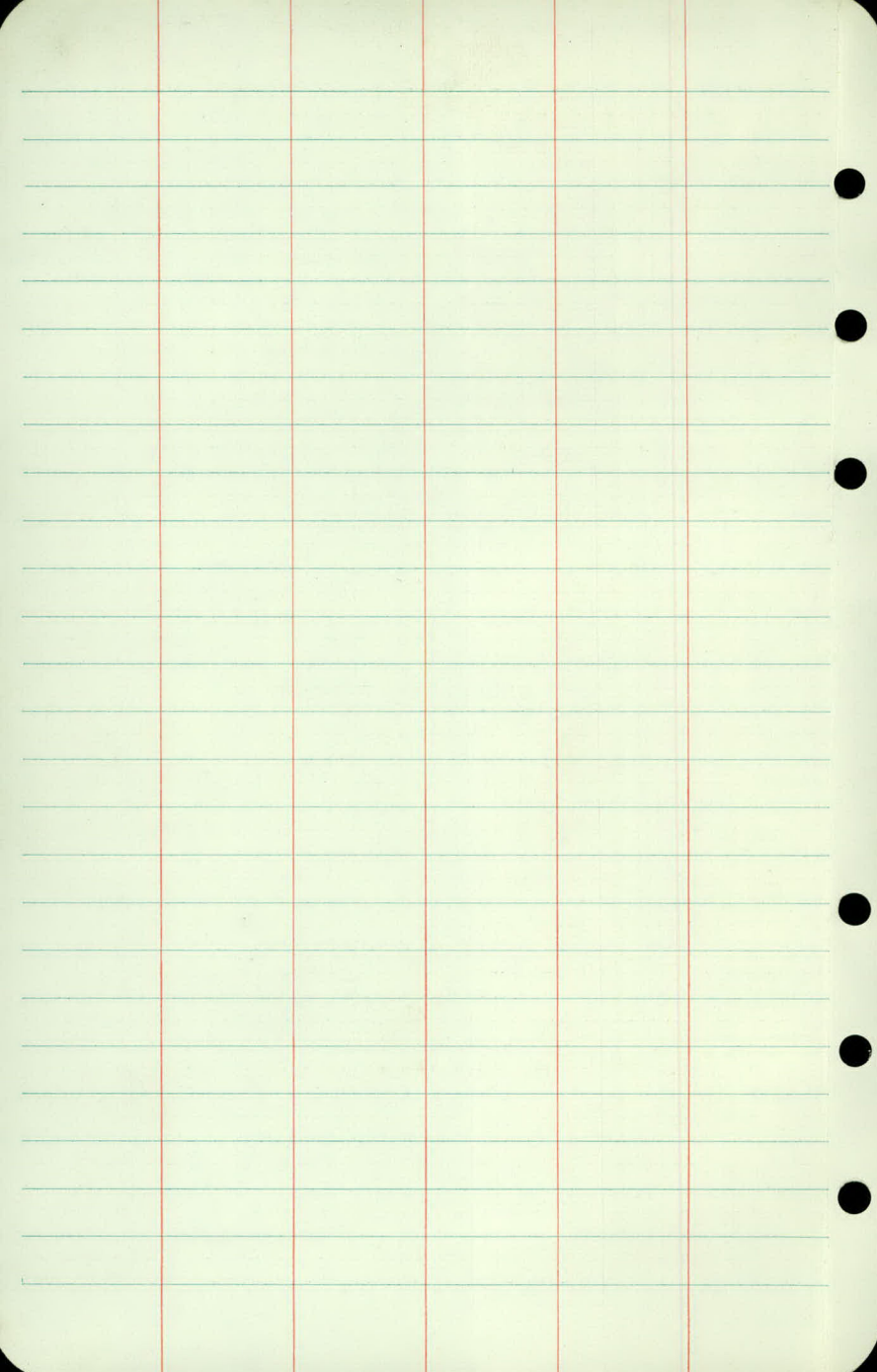
50 + 44.26 P.I.

37+00 P.O.T.

August 2, 1973

1

Co. RD. "F"

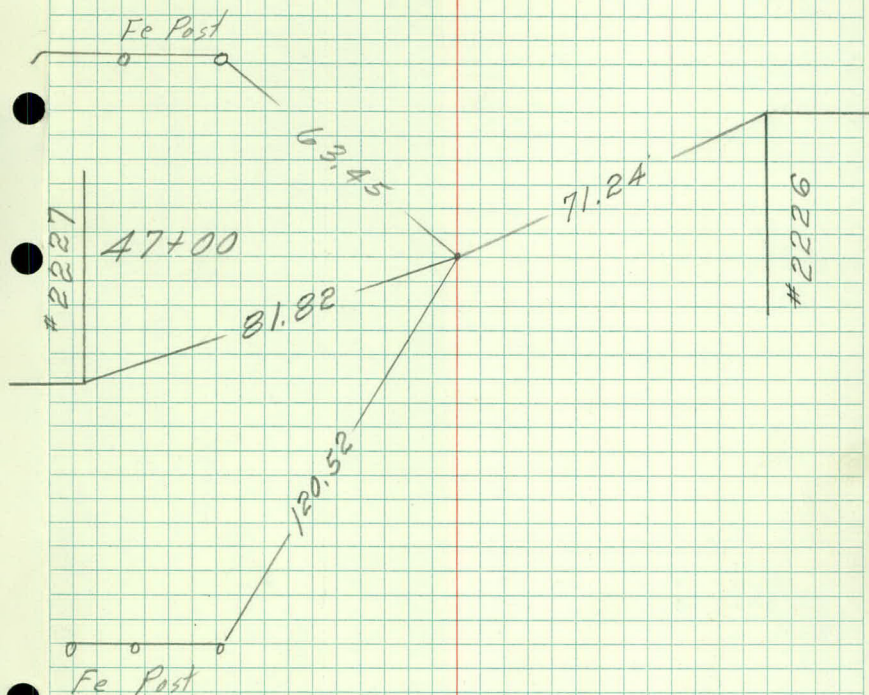


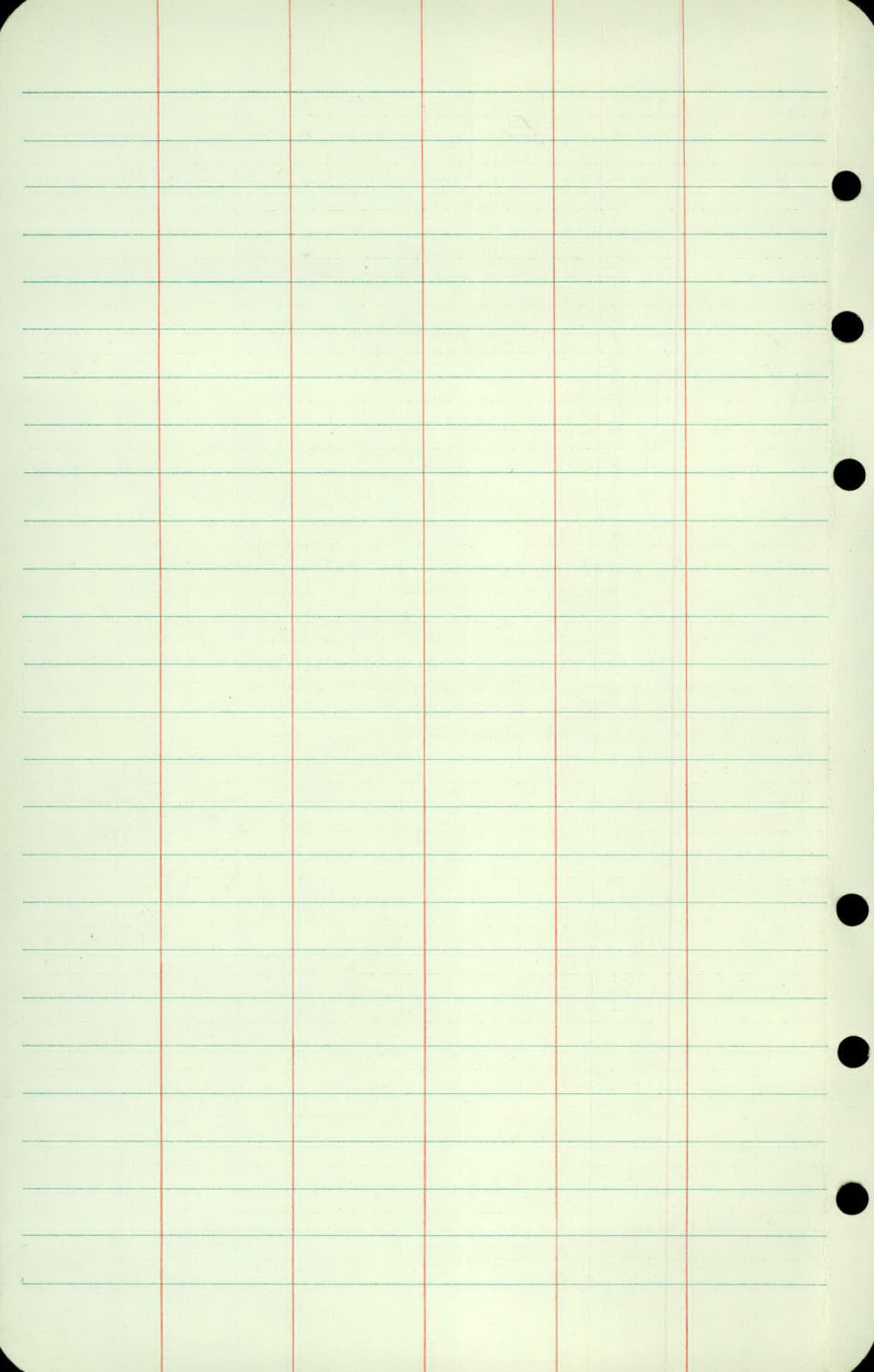
FK
CG
MB
BF

August 2, 1973

2

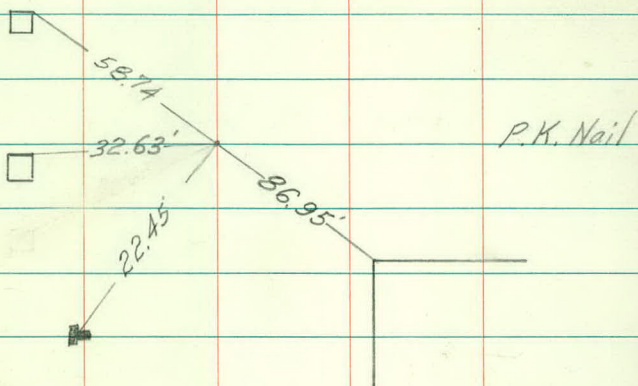
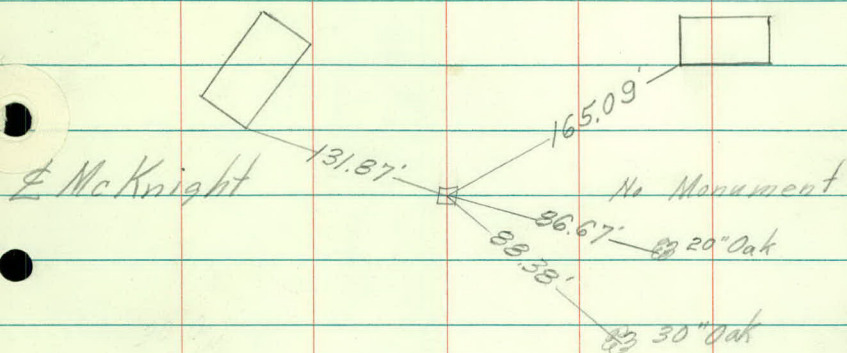
Co Rd "F" THG1 to McKnight

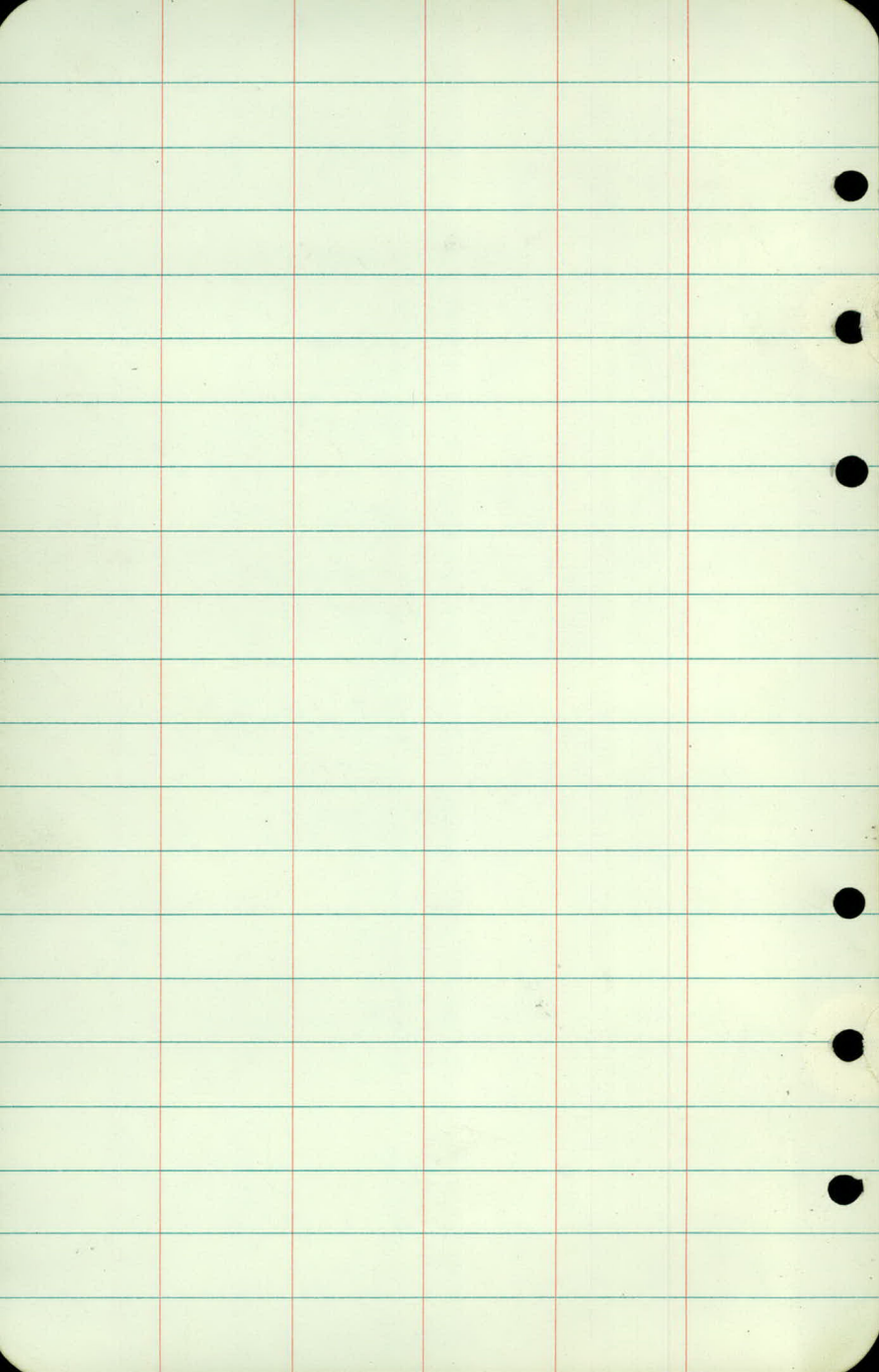




Oct. 10, 1966
£

4





TOPOGRAPHY

2

Parking Lot
35

Bit
11 40

+79 Light P.
35

+80 Edge Bit
24

+34 Edge Bit.
24

+60 Bit
13

+04 Edge Bit.
24

+76 Blue
Conc
WE. 18" CM

+75 24

+35 NW Cor.
78

+05 R. Tie
Parking Lot

+06 G.P.
18

+60 R. Tie
56

+10 P. L.
35

+18 GRP
12

+37 W.E. ls
50

+53 E.Ls
50

+62 Cor. Conc
33

+10 Cor. Parking
37

+06 R. Tie
Conc.

+24 R. Tie
ls.

+39 EE 18"
23

1

+05 GRP
12

Read
9 14

+04 Cor. Conc
33

+07 Pumps
82

+96 Sign
35

+91 Cor. Conc
45

+90 N.E. Apron
20

+22 Apron 15" CM / PP
22

+96 WE 18" CM
23

+82 GRP
12

+93 GRP
12

+78 Ent 15" x 46" CM
60

+51 Ent 15" x 46" CM
118

+76 GRP
13

+45 MH
37

+76 BR
29

+87 ER
14

+70 GRP
12

+61 GRP
13

+43 ER
48

+31 S.D.
34

+31 MH Tell
41

+55 GRP
14

+24 Bit
23

+53 Bit
21

+40 Bit
30

+61 N.E. Apron
32

+58 ER
10

+22 GRP
46

+24 GRP
39

+26 GRP
24

+46 GRP
16

+37 E. Cord Rail
42

+20 GRP
65

+21 GRP
58

+22 GRP
51

+34 GRP
36

+33 POR
29

+38 GRP
24

+19 GRP
72

+18 GRP
79

+17 GRP
93

0

+30 B.R.
51

+23 R. Tie
Guard R.

+14 Bit
100

+18 Bit
32

+17 Bit
80

Tell. MH.

S. D.

Precast ? 8'x8'

Brick Const

1 Layer Brick Adj

Plugged 12" CM South

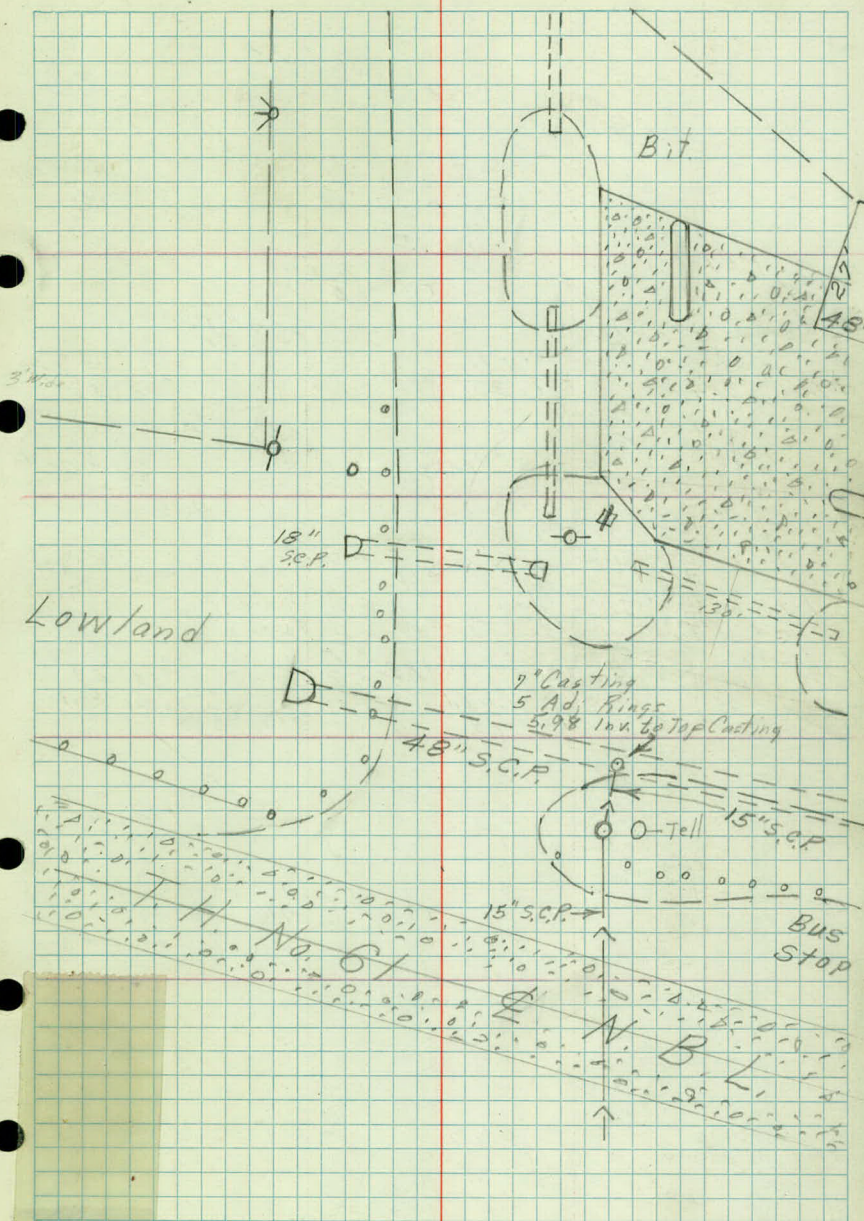
12" Casting

Bee-Hive Lid

Inv to Top Casting
1.92
1.23
3.17

Oct. 18, 1966

6

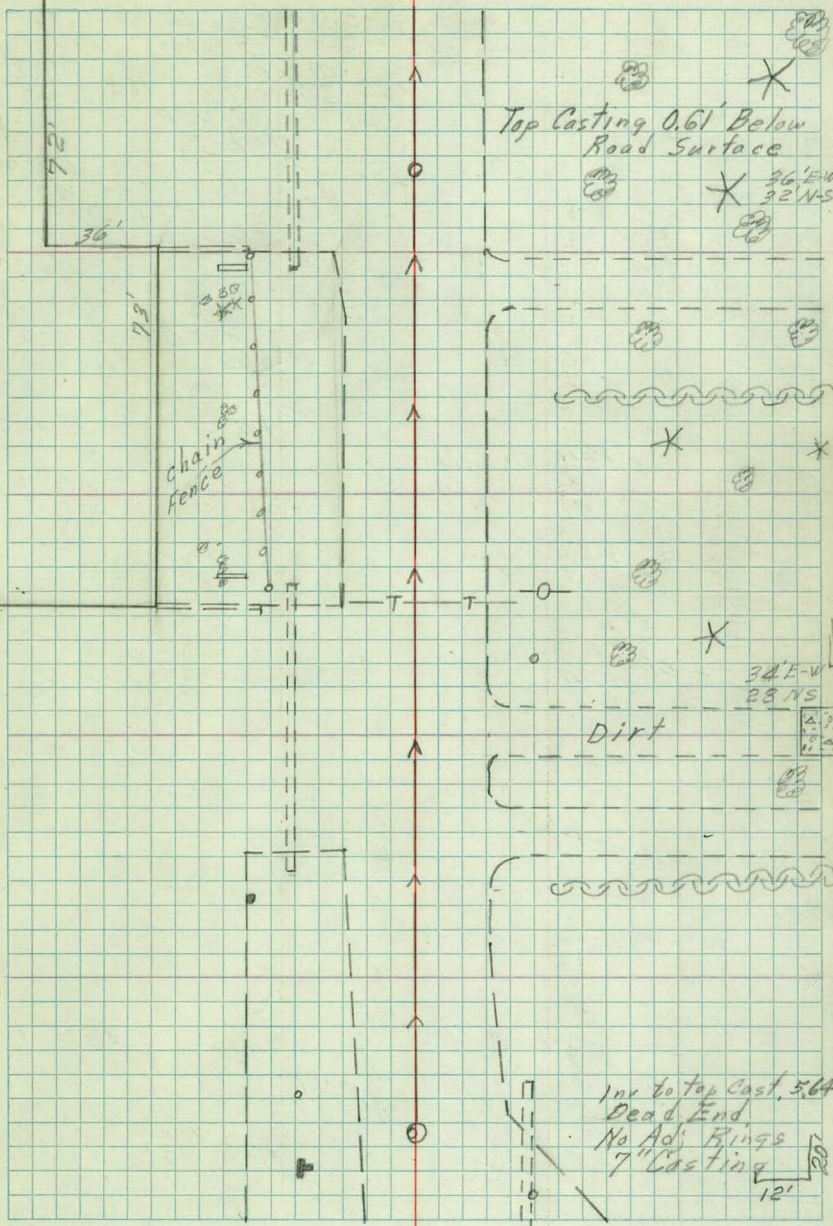


				+46 $\frac{12"}{82}$ Elm	
			+36 $\frac{8"}{46}$ Birch		+36 $\frac{10"}{75}$ P
+01 S.E. Cor. Bldg.				+14 $\frac{10"}{39}$ Elm	
83					+07 $\frac{NW Cor. H}{93}$
	+17 $\frac{MH}{\frac{E}{17}}$	+13 $\frac{10"}{66}$ P			
	+01 $\frac{B. Bit Curb}{34}$	17 15	+04 $\frac{8"}{73}$ Elm		
4	WE 18" CM	+00 $\frac{E Fe}{34}$	+93 $\frac{E Ent}{Dirt}$		
+97 25					
	+87 $\frac{Bit}{14}$		+83 $\frac{10"}{81}$ Elm		
	+97 $\frac{Sign}{35-41}$	+89 $\frac{P. Bush}{37}$	+70 $\frac{Lilac Hedge}{30}$	+83 $\frac{12"}{48}$ Elm	
	+88 $\frac{P. Bush}{40}$			+59 $\frac{2"}{85}$ P	
+90 $\frac{P. Bush}{43}$	+92 $\frac{Cedar}{40}$	+93 $\frac{P. Bush}{37}$	+61 $\frac{3"}{53}$ P		+53 $\frac{7"}{69}$ Apple
+67 $\frac{Juniper}{40}$	+67 $\frac{Juniper}{37}$	+65 $\frac{Juniper}{40}$		+33 $\frac{6"}{48}$ Maple	
+62 $\frac{Juniper}{37}$	+60 $\frac{Juniper}{40}$	+56 $\frac{Juniper}{40}$	+14 $\frac{NW Cor. H}{91}$		+30 $\frac{P.P.}{27}$
+39 $\frac{Juniper}{44}$	+33 $\frac{Juniper}{40}$	+32 $\frac{Juniper}{40}$	+16 $\frac{WSO}{25}$	+27 $\frac{4"}{62}$ P	
+33 $\frac{Sign}{35-A1}$	+21 $\frac{E Fe}{30}$	+26 $\frac{Bit Curb}{32}$	+13 $\frac{3"}{78}$ P		+17 $\frac{3 Cedar}{43}$
3	+32 $\frac{E.E. 15" CM}{25}$	+27 $\frac{Cor. Bit Road}{16}$		+01 $\frac{E Conc Knt}{91}$	
					+92 $\frac{8"}{78}$ Apple
			+80 $\frac{E Ent}{Dirt}$		
				+68 $\frac{Lilac Hedge}{28}$	
	+77 $\frac{Cor. Bit}{14}$		+57 $\frac{Road}{16}$		
+76 $\frac{Cor. Lot}{33}$	+72 $\frac{W.E. 15" CM}{26}$			+27 $\frac{E.E. 18" CM}{24}$	
	+67 $\frac{Pole}{34}$		+22 $\frac{Road}{19}$		
+26 $\frac{WSO}{25}$		+18 $\frac{MH}{1}$		+08 $\frac{WSO}{72}$	N.W. Cor. Bldg 20 x 12
2	+11 $\frac{Hyd}{23}$		+05 $\frac{WSO}{25}$		EV 115

Oct. 18, 1966

7

97



7

Parking Lot Road
37 14-15

+92 $\frac{A 3 M}{34}$ +92 $\frac{2.16c Hedge}{61}$ +96 $\frac{PP}{27}$
 +82 $\frac{16 S. M. 10 Elm}{57}$ +82 $\frac{98 9" Elm}{28}$
 +85 $\frac{18" Elm}{28}$ +99 $\frac{R. Tie}{110}$ +87 $\frac{6" P}{36}$
 +77 $\frac{6" P}{37}$ +96 $\frac{6" Elm}{25}$
 +63 $\frac{Ent 15' \times 20' M}{22}$ Dirt
 +51 $\frac{6" P}{43}$ - W.S.O.
 +45 $\frac{27}{27}$
 +51 $\frac{6" P}{36}$

+104 $\frac{6" P}{36}$

6

Parking Road
36 14 15

+99 $\frac{NW Cor Ho}{156}$
 +96 $\frac{W.S.O.}{25}$ +87 $\frac{Spirea Hedge}{32}$
 +93 $\frac{8" P}{36}$ +93 $\frac{6" P}{43}$
 +48 $\frac{Cor Parking}{34}$
 +44 $\frac{Tel. P.}{35}$
 +43 $\frac{E. Fe}{34}$
 +59 $\frac{2" P}{53}$

+44 $\frac{PP}{57}$

+38 $\frac{3" Apple}{65}$

+41 $\frac{Cor. Parking}{35}$

+11 $\frac{PP}{27}$

5

Fet Parking Road
34 15 14

+77 $\frac{E E 18 CM}{27}$

+95 $\frac{E 18' Ent}{27}$ Bit

+71 $\frac{B Fe}{34}$

+71 $\frac{Cor. Bit}{34}$

+90 $\frac{NW Cor Ho}{95}$

+69 $\frac{BR}{25}$

+68 $\frac{10" Elm}{79}$

+83 $\frac{ER}{74}$

+68 $\frac{14" Elm}{47}$

+58 $\frac{Ent}{27}$ Dirt

32

PARKING

32' E-W
24 N-S

62' E.W.
27' N.S

+47 S.W. Cor Ho
84

+47 R Tie
House

+34 PP
26

+46 Gas? Xing
To Ho Left

+20 Trip 4 Elm
24

+34 Trip 4 Elm
25

+21 N.W. Cor Ho
100

+14 4" S Map
63

+17 Trip 4 Elm
29

+10 Pinebush
38

9

Road
14-16

+91 2" P
40

+87 6" Elm
26

+78 PP
27

+80 Quad 4" LF
21

+57 1" P
40

+68 Tw 6" LF
23

+51 Ent
Dirt

+23 10" Ent
Bit

+33 8" LF
27

+108 30" Elm
28

+23 Ent 15" X 20" CM
21

+8 B. Lilac
29

+102 End Lilac
29

Road
14-15

+13 1" P
38

+63 S.W. Cor. Ho
168

+98 6" BE
84

+84 W.S. Cor. Bit.
69

+78 N.W. Cor. Bit.
85

+65 Tw 14" Elm
29

+88 1/2" Ent
Dirt

+44 Lilac Hedge
88

+37 PP
23

+69 12" Willow
58

+34 Cor. Parking
38

+41 12" Willow
91

+69 4" P
87

+30 Pole
20

+17 NH
91

+24 5" Willow
58

+26 Trip 16" Elm
28

+107 N.W. Cor.
124

7

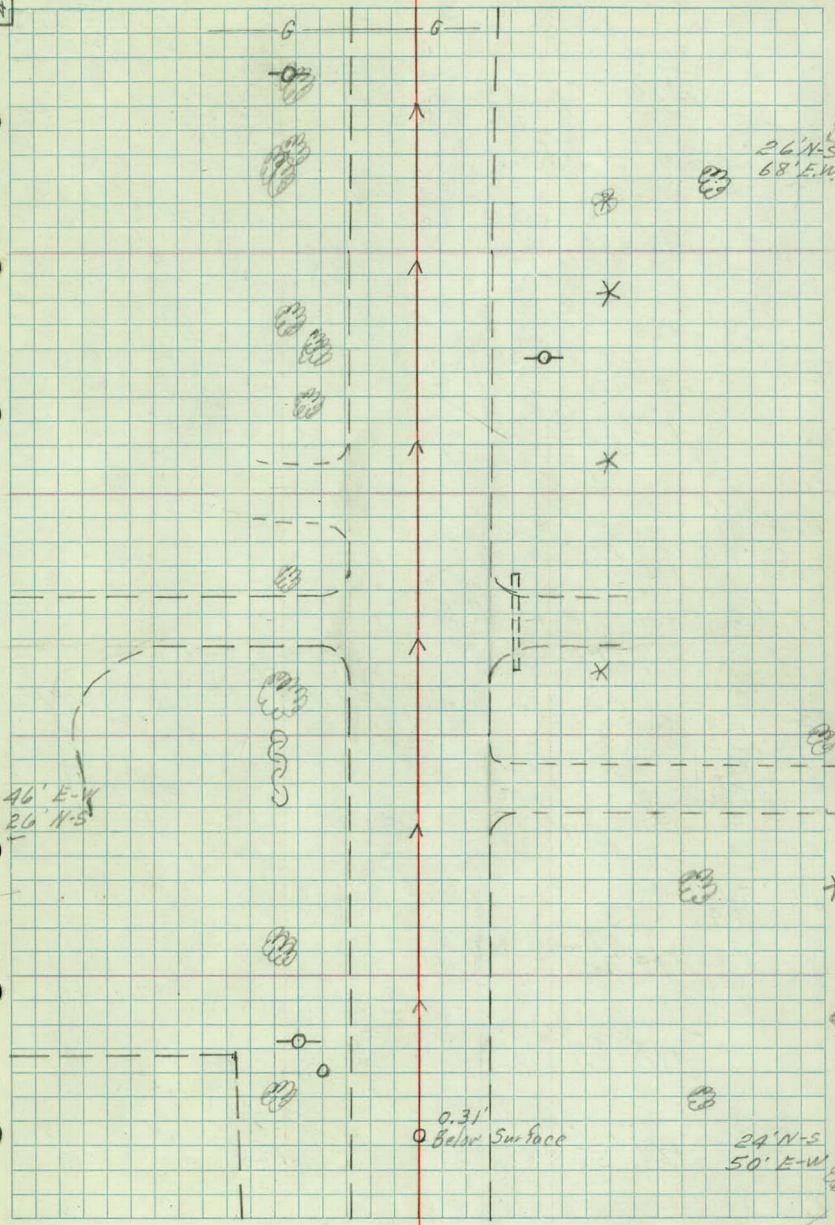
+108 6" Willow
90

Oct. 18, 1966

9

1-S-F
42'

28"



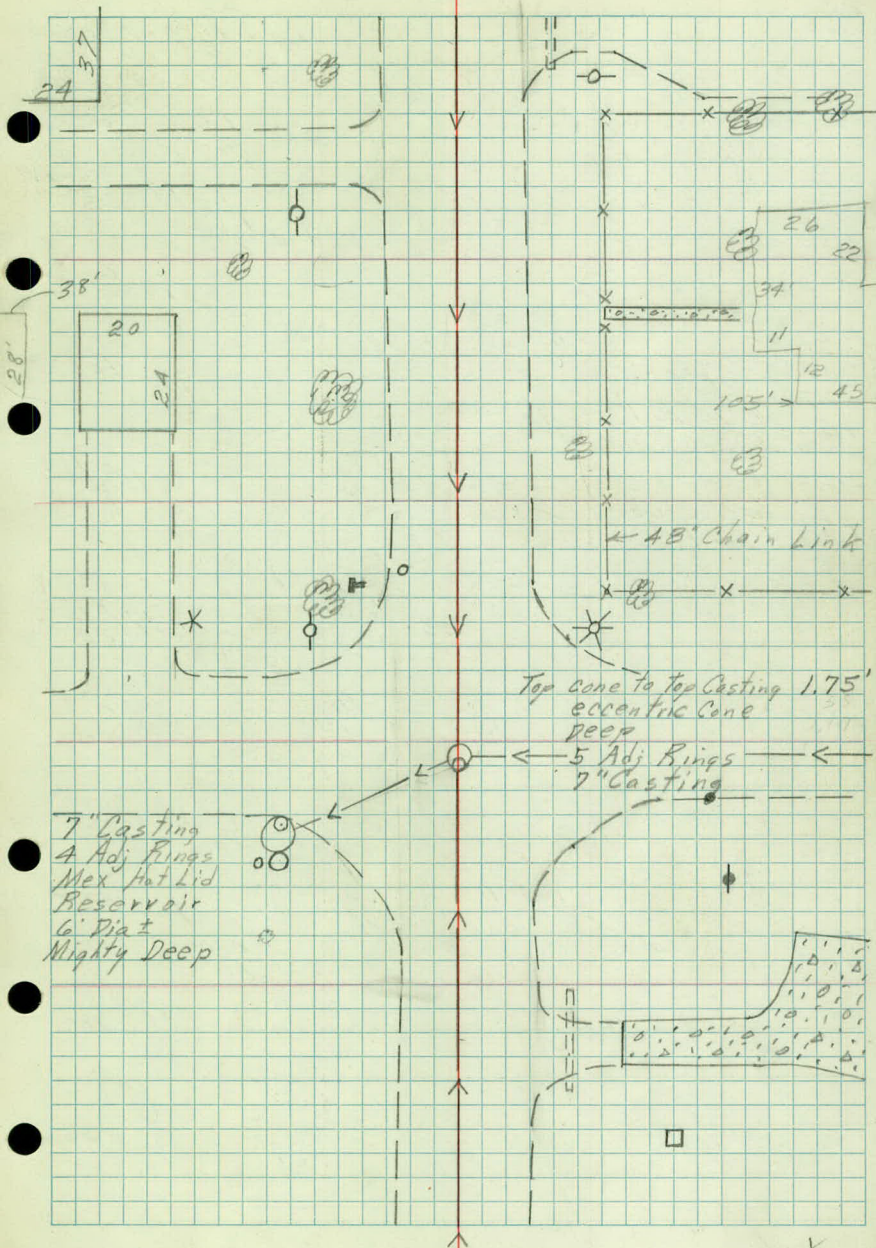
12

Road
16-14

+82 S.W. Cor Ho 94	+89 6" Elm 27	+99 E 11' Ent 15" x 20" CM 20	+93 Cor. Bit 24	+93 Cor. Bit 33
+49 4" Elm 45	+71 E 11' Ent Bit	+88 PP 28	+80 8" L Pop 79	+83 Cor. Bit 52
	+59 PP 33	+80 Fe Cor 31		
	+50 10" Elm 89	+79 6" Elm 60		
+38 SE Cor Ho 58	+38 SE Cor Ho 93	+53 8" Elm 60	+39 30" Conc Wall 31	
+21 22" Elm 26		+12 8" Elm 26	+08 8" Elm 61	
	Road 13 16	Fe 31		
+74 PP 31	+76 2" P 55			
+78 WGV 11	+80 20" Elm 27	+81 8" Basswood 38		
+70 POR 22	+86 ER 14	+83 Hyd 22	+81 Fe. Cor 31	+74 Arc Light 28
	+64 BR 40		+83 ER 16	
+64 18' Bit ent 68	+21 Spiras 58	+72 POR 23		+63 BR 45
+10 Spiras 40	+45 MH 4		+39 GGV 54	
+25 Stub Pole 42		+38 ER 42		+22 TP 57
+26 Lift Station 37		+28 POR 24		
+35 ER 44	+33 MH 37	+09 Cor Conc 86		+16 BR 16
10	+05 BR 12	Road 12 17	+11 Cor Conc 71	
				+93 B Conc R 61
	+91 6" Apple 51			
		+88 9' Conc Ent 15" x 20" CM 34		
	+61 6" Elm 50			+69 30' x 30' Light Stand 45

Oct. 19, 1966

10



Lt.

♀

Rt.

+47 N.W. Cor Ho
92+36 E Ent 15'x20'CM
78 C. Rock +38 Trip 4" B.E.
61+23 Back Thorn Bu
27+25 E Ent 15'x20'CM
20 C. Rock+16 8" Elm
63+14 36" Cinc Wals
33

14

Road
14 15+02 1" P
39+89 2" P
37+82 Tw 3" Birch
71+82 2" P
37+85 2" P
44+83 MH
♀+70 PP
31+72 N.W. Cor Ho
92+60 E 10' Ent
Stoppy Conc.+90 10" Elm
62+68 Cor Hedge
33-51+74 E. Hedge
33+82 S.W. Cor. Ho
141+53 E Ent 12'x19'CM
20 Gravel+32 Gas Service
X-Ing+39 Bush
37+32 6" Elm
67+37 PP
28+02 NW Cor. Ho
96

13

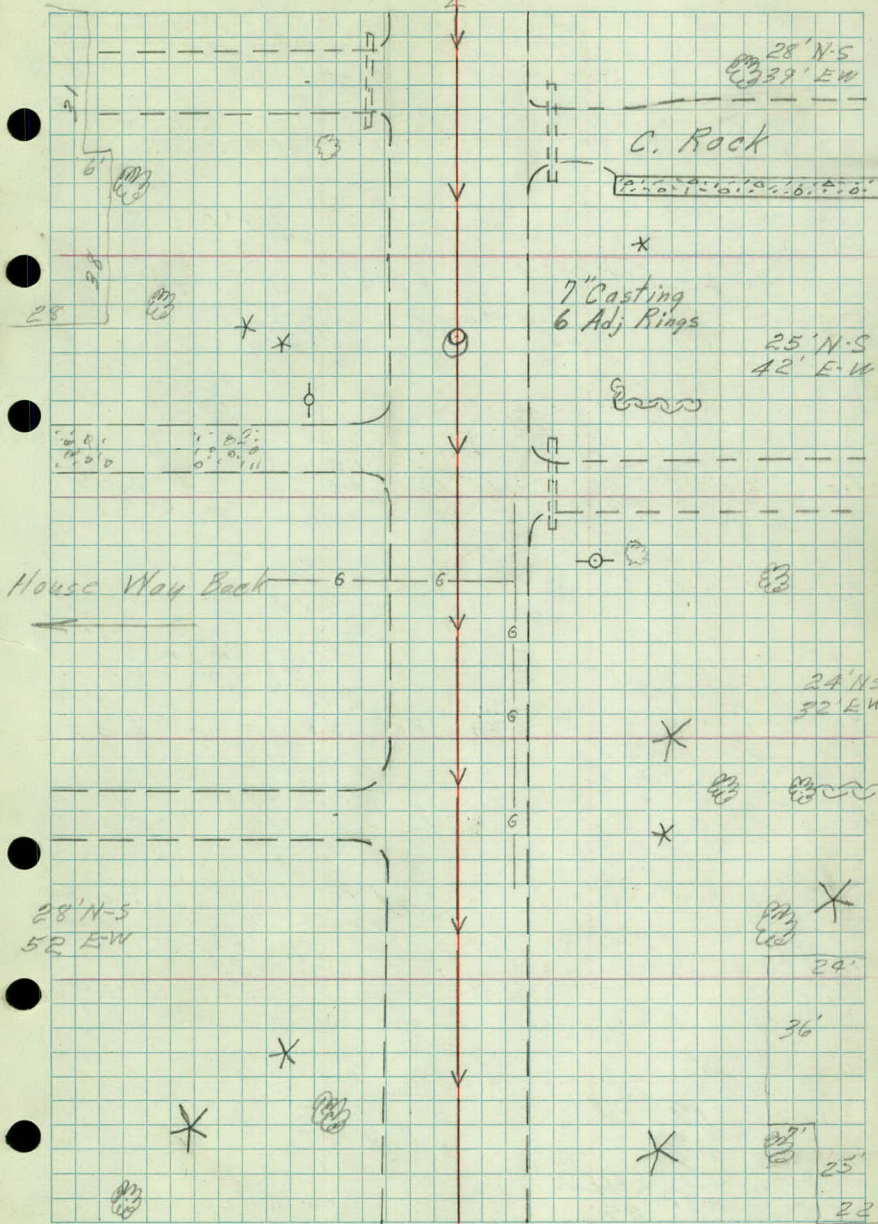
Road
14 15Gas M
12.5'+00 6" P
44+84 E 10' Ent
Bit+38 Sw Cor Ho 1919
141+89 Tw 4" Elm
72+89 Spirea Heds
73 →+35 2" P
36+89 6" Elm
56+22 8" Elm
27+80 2" P
43+67 8" P
78+59 10" Birch
66+19 6" P
56+54 N.E. Cor. Ho
94+15 8" Birch
67

12

+04 10" Birch
69+15 8" P
42

Oct. 19, 1966

11



17

Road
13 18

+89 16" BE
61

+68 14" BE
61

+40 14" BE
78

+45 S.P.
19'

+23 16" BE
41

+37 PP
27

+29 6" H. Maple
68

+16 Fe Cor
33

+31 3" P
38

+12 3" P
37

+11 1" P
46

+19 1/2 Ent 12x20 CM
19 C. Rock

+09 24" Elm
22

16

+07 8" Elm
39

Road
14 16

Fe
33

+03 1" P
38

+67 26" Elm
22

+67 S.W. Cor. Ho
108

+36 1/2 Ent
C. Rock

+44 B. Fe
33

+61 3" P
45

+26 36" Elm
22

+62 3" P
37

+64 3" P
38

+18 NW Cor Garage
116

+12 1" P
46

+50 4" Birch
39

+12 2" P
37

+25 5" Birch
39

+23 E. Fe
33

+09 Cor. Fe
33-47

15

+05 4" Birch
39

Road
14 15

+09 PP
29

+98 1/2 Ent 15x20 CM
22 Dirt

+74 15" x 20 CM
18 C. Rock

+89 Light Pole
55

+68 S.W. Cor. Ho
144

+51 28" Elm
25

FX
RW
DD

Oct. 19, 1966
Oct 20, 1966

12

36" storm sewer

Inv to top Cast 10.3'
No Adj Rings
7" Casting

28' N-S
34' E-W

Wood Rail

26
+1942

14'

35'

23

28 N.S.
73 E.W.

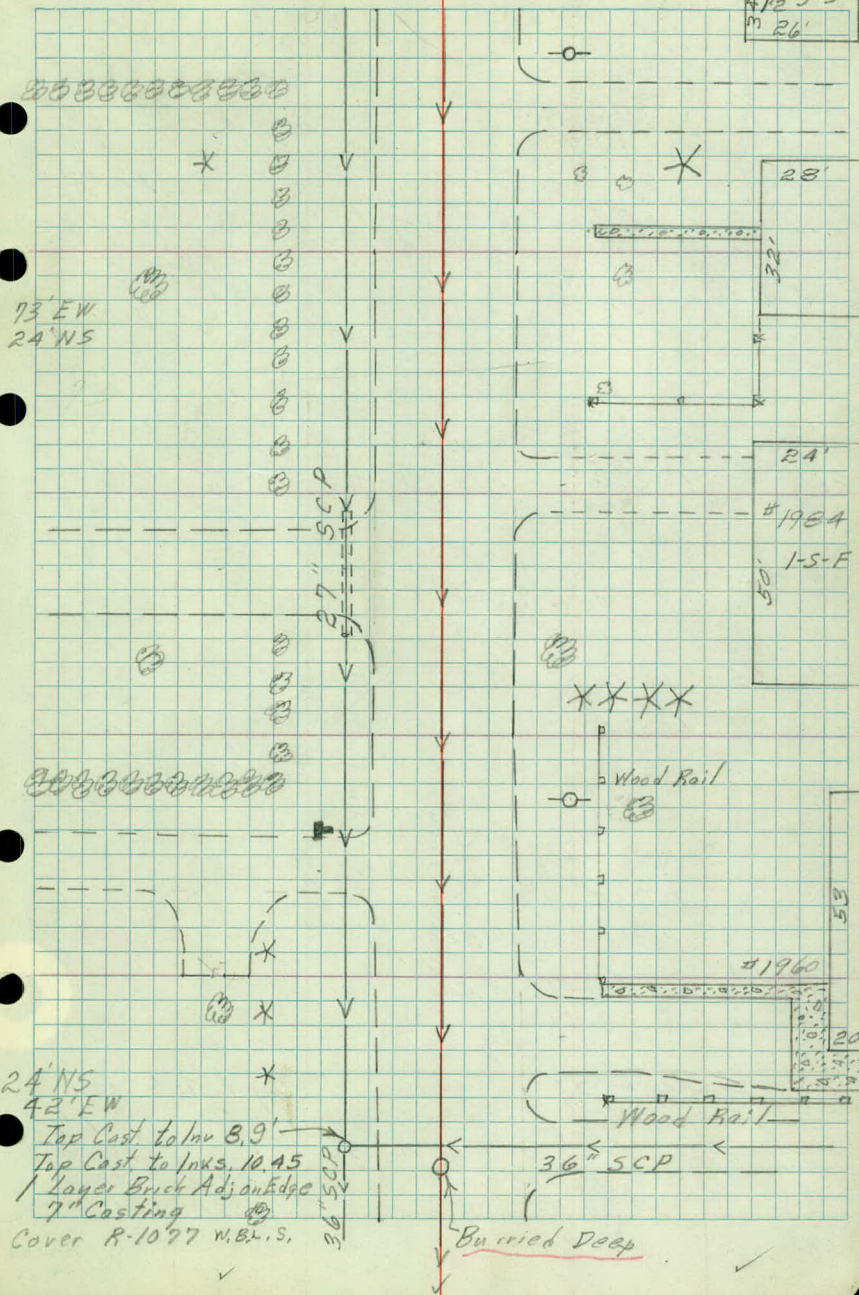
			+49 NW Cor Ho	
			63	
+26 E New Sp	+34 Row L Pop	+30 E Ent	+41 PP	
33	33	C. Rock	27	
		+18 5" WP		
19	+19 1" P	+16 Bush	+14 Rose Bu	
		29	37	
		Road	+04 3' Walk	
		14 16	32	
			+96 Bush	
			38	
+93 14" Tree				
61				
			N.W. Cor Ho	
+52 B. Row S. Pop (11)		+87 66		
34				
		+71 Rose Bu	+68 X-Fe	
		34	31-66	
		+34 18' Ent 15" X 26 CM	+52 E Ent	
		20 Bit	Dirt	
+25 SW Cor Ho				
100		+18 14" Elm		
		24		
			+11 N.W. Cor. Ho	
			65	
+11 Tw 55 P	+15 12" Tree	+19 6" S. Pop	+08 4-6" W. P.	
33	61	33	29-36-43-50	
18	+13 5" S. Pop	Road	+02 E. Fe	
	33	14 15	33	
+90 Row L Pop	+96 32" Pop			
34	33			
		+86 10" W. Willow		
	+80 Hyd	42.		
	25			
		+72 E Ent	+87 PP	
		C. Rock	27	
+50 Cor. Ent	+43 Tw 3" Arch			
54 & 40	46	+49 B. Fe		
		33		
+43 1" P	+55 1" P		+41 3' Walk	
36	36		33 Conc	
	+30 1" P	+35 NW Cor Ho	+46 Cor Conc	
	36	82	73	
+21 SW Cor. Ho	+12 PP			
101	31	+28 Cor Conc		
		73		
	+101 Tw 4" Elm	+24 Fe	+38 E Ent	
	38	34	C. Rock	
17	+15 MH	+11 MH		
	20	E	+14 Ent RT.	
			Dirt	

Oct. 20, 1966

13

4 1/2-5-5

26'



22

Road
12 18+97 Tw 12" Elm
25+79 5" Elm
58+75 4" Elm
47+92 £ Double Ent 20'
Bit.+81 Cor Hedge
33 - 57+61 PP
33+61 PP
27+57 - 36" Elm
25+58 £ 3' Walk
33+38 1" P
48+38 8" P
37+40 NW Cor. Ho
63+23 S.P.
22+27 Cor. Hedge
32+16 36" Elm
26+17 Ent Ribbn
37+22 Ent Rd
37

21

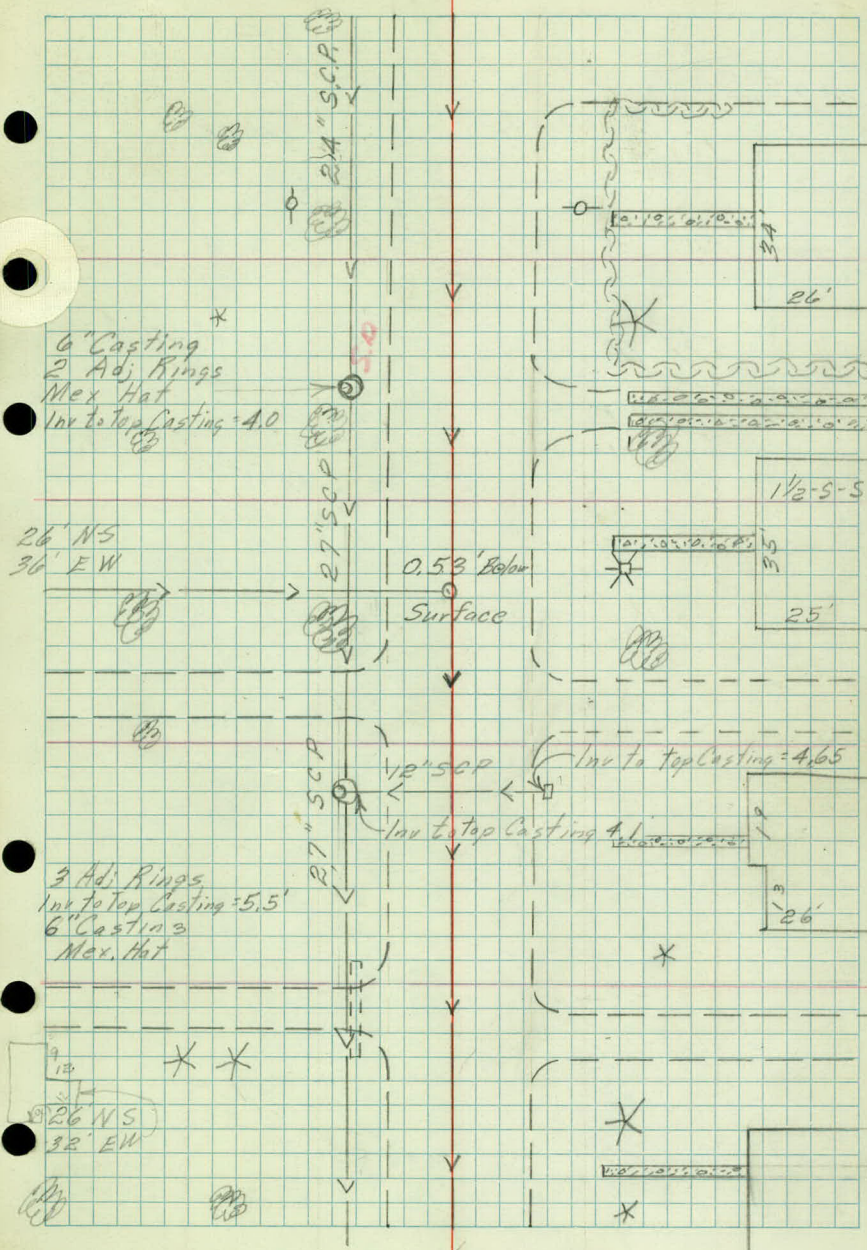
+13 12" Elm
64Road
13 17+11 20" Cat
42+81 MH
1+95 S.W. Cor Ho
143+91 £ 3' Walk
33+76 16" Elm
65+87 Light P. 2x2
36+73 30" Elm
25+68 16" Cat
41+74 NW Cor Ho
63+58 £ 10' Ent
Dirt+40 CB
20+49 PP
27+52 Tw 4" P
63+59 £ 9' Ent
Bit+30 £ 3' Walk
33+40 SD
23+12 NW Cor Ho
66

20

Road
13 17+07 1" P
44+95 £ 8' Ent 15" x 20" CM
20 Bit.+84 6" P
57+84 6" P
46+83 12" S. Hgule
86+89 £ 9' Ent
Bit.+53 6" Catulpa
86+55 SW Cor Ho
144+62 £ 3' Walk
32+72 6" P
36+54 10" Maple
47+53 2" P
36

Oct. 20, 1966

14



28' Ent. 38' Long
 +25 N.E. 30' Sp. Arch
 +32 Sign 77
 +43 WGV 10
 +48 Bush 37
 +42 4" P 37
 +33 24 Elm 24
 +35 Light Pole 63
 +38 Sign 36
 +27 S.D. 21
 +27 MH 17
 +23 PP 31
 +25 POR 20
 +22 POR 28
 +27 PP 27
 24
 +11 BR 47
 +11 BR 54
 +79 MH 2
 +89 ER 72
 +89 ER 52
 +76 POR 33
 +73 Lt. Pole 29
 +73 POR 24
 +64 CB 21
 +59 BR 17
 +52 Hyd 25
 +42 BR 14
 23
 +100 10" Cedar 50
 Road 13 18
 +74 E 15' Ent B.I.F
 +73 Quad 6" Elm 28
 +62 SW Cor Garage 80
 +58 PP 27
 +55 Tr 7" Elm 18
 +50 2" P 36
 +27 8" Elm 37
 +36 1" P 36
 +26 6" Elm 36
 +29 E 3 Walk 33
 22
 +105 NW Cor Ho 63
 12 18

FK
FS
RW
DD

Oct 26, 1966

15

5' 24" ± W
In. to top Cast 8.4
7" Casting
1 Adj. Ring
Bee hive
Pre cast
Concentric

97' Deep
Eccentric Can.
2 Adj. Rings
7" Casting

Down 0.70

11' Casting
1 Adj. Ring
8.75' In. to top Casting
24" E-W

24' 20"

24' 50"

10' 1" 4' 6' 2"

34'

20'

Road

27 14 12 Approx
+88 SW Cor Ga +96 NW Cor Apt Bldg +93 Light Pole
94 89 68

+195 2" 14' Elm 15" X 20' CM +86 24' Elm
38 19 24

+79 X-Fe +84 30' Elm +81 X-Fe
31 25 46

+72 2" P +73 15" X 20' CM 14' Ent
34 18 Bit

+42 30' Elm +28' Elm
24 23

+22 2" P +44 23
34

+17 2' Walk +22 3" P
61 55

+21 SW Cor Ho

+03 SW Cor Ga

26 +09 10' Ent 15" X 20' CM Road
Bit 20 17 12

+98 Cor Hedge +91 ELR +89 NW Cor Apts
34 13 71 2-L-B

+93 Tw 5" R. Olive +88 Fe
45 48

+84 16" W. Willow +87 Edge Ent
59 Bit

+61 MH
1

+58 NE Cor Bldg
48

+46 Quad 4" Birch
49

+21 B. Lilac Hedge +39 PP
32 22

+19 24' Elm +30 8" Birch
24 47

+12 Cor Walk
44

25 +06 15" X 20' CM Road
19 Cor c 12 16 44

+98 SW Cor Ga & Ho
43

+80 Bush +98 Fe Cor
64 +60 29

+81 R. Bldg 5.5' walk
50 R=14'

+82 Fe Cor
24-29

+77 5" P +77 Bush
36 32

+58 Tw 4" Birch
56

16

Ornamental Iron

7" Casting
1 Adj Ring
eccentric Cone
In to Top = 6.1
Dead End

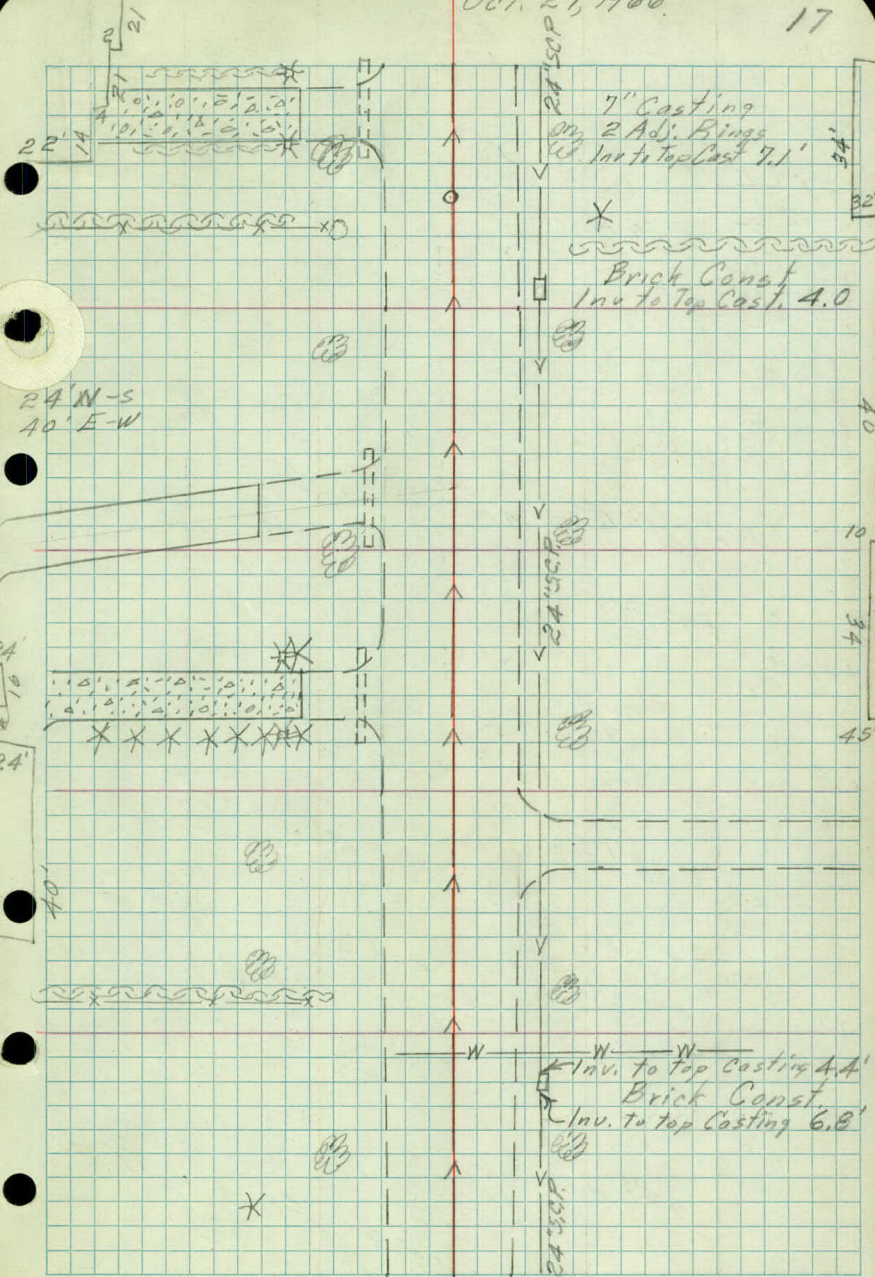
Biking

PARKING

✓
 +48 $\frac{\text{Light Pole}}{34}$
 +41 $\frac{\#11 \text{ Conc Ent } 15" \times 20' \text{ CM}}{32}$
 +34 $\frac{\text{Light Pole}}{34}$
 +31 $\frac{\text{SW Cor. Ho.}}{94}$
 +17 $\frac{\text{X-Fe}}{27}$
 29
 +92 $\frac{4" \text{ Maple}}{25}$
 +63 $\frac{\text{X Tie Ent}}{32}$
 +28 $\frac{5" \text{ P}}{32}$
 +12 $\frac{\text{Lt. Pole}}{36}$
 +12 $\frac{\text{Row "A" Pines}}{32, 39, 45, 52, 59, 67, 74}$
 28
 +87 $\frac{4" \text{ Maple}}{40}$
 +64 $\frac{6" \text{ Maple}}{40}$
 +25 $\frac{30" \text{ Elm}}{24}$
 27
 +48 $\frac{\text{Hedge}}{36}$
 +34 $\frac{\text{Hedge}}{36}$
 +18 $\frac{\text{Hedge}}{33}$
 +14 $\frac{3" \text{ P}}{42}$
 +15 $\frac{\text{Hedge}}{25}$
 +14 $\frac{\text{Road}}{14}$
 +13
 +12
 +19 $\frac{18" \text{ Elm}}{23}$
 +19 $\frac{3" \text{ P}}{31}$
 +19 $\frac{\text{NW Cor Ho}}{83}$
 +13 $\frac{\text{Buck Hedge}}{24}$
 +104 $\frac{\text{C.B.}}{18}$
 +94 $\frac{30" \text{ Elm}}{24}$
 +53 $\frac{28" \text{ Elm}}{24}$
 +50 $\frac{36" \text{ Elm}}{24}$
 +20 $\frac{\#10 \text{ Conc } 15" \times 20' \text{ CM}}{32}$
 +15 $\frac{\text{NW Cor Apt.}}{89}$
 +12 $\frac{36" \text{ Elm}}{24}$
 +98 $\frac{\#10' \text{ Ent Bit}}{24}$
 +69 $\frac{26" \text{ Elm}}{24}$
 +46 $\frac{\text{Water Main X-109}}{12}$
 +40 $\frac{\text{CB}}{18}$
 +27 $\frac{36" \text{ Elm}}{24}$

Oct. 27, 1966.

17



32

Road
13 12

- +87 $\frac{4}{51}$ "P
 +93 $\frac{8}{70}$ "Birch
 +67 $\frac{4}{43}$ "Maple
 +56 $\frac{SD}{18}$
 +40 $\frac{30}{24}$ "Elm
 +19 $\frac{SW Cor Ho}{88}$
 +16 $\frac{Row}{39, 53, 69+83}$ 16" 8E
 +109 $\frac{12 Bit 15' \times 20' CM Road}{15 18}$ 13 11
 +98 $\frac{5P}{24}$
 +91 $\frac{6}{51}$ "P
 +76 $\frac{Hyd}{23}$
 +108 $\frac{S.W. Cor Ho}{94}$
 +114 $\frac{Light Pole}{31}$
 +15 $\frac{28}{24}$ "Elm
 +108 $\frac{9' Con Ent. 15' \times 20' CM}{31}$ 18
 +100 $\frac{Light Pole}{31}$
 +30
 +174 $\frac{27}{24}$ "Elm
 +195 $\frac{4}{44}$ "Elm
 +191 $\frac{4}{34}$ "Elm
 +158 $\frac{14}{39}$ "P
 +142 $\frac{22}{23}$ "Elm
 +127 $\frac{2' Ent Ribon}{22-35}$
 +132 $\frac{NW Cor Ho}{75}$
 +122 $\frac{2' Ribon}{22-35}$
 +116 $\frac{Row}{39, 53, 69+83}$ 16" 8E
 +101 $\frac{26}{23}$ "Elm
 +90 $\frac{Ent}{Dirt}$
 +71 $\frac{36}{77}$ "BE
 +71 $\frac{24}{32}$ "Elm
 +51 $\frac{4}{5P}$ "Birch
 +22 $\frac{Tw 4' Birch}{61}$
 +23 $\frac{NW Cor Ho}{83}$
 +104 $\frac{Ent 12' \times 26' CM}{18-12' C. Rock}$
 +83 $\frac{Hedge}{29}$
 +74 $\frac{Ent 18' span \times 20' CM}{19}$ C. Rock
 +62 $\frac{2}{30, 41, 51}$ Pines
 +51 $\frac{2}{31}$ "P

Oct. 27, 1966

18

25'
38'

Beehive
6" Casting
24" Brick CB.
Inv to top 2.9' Casting

12" S.C.P.
Inv. To Top 2.9'

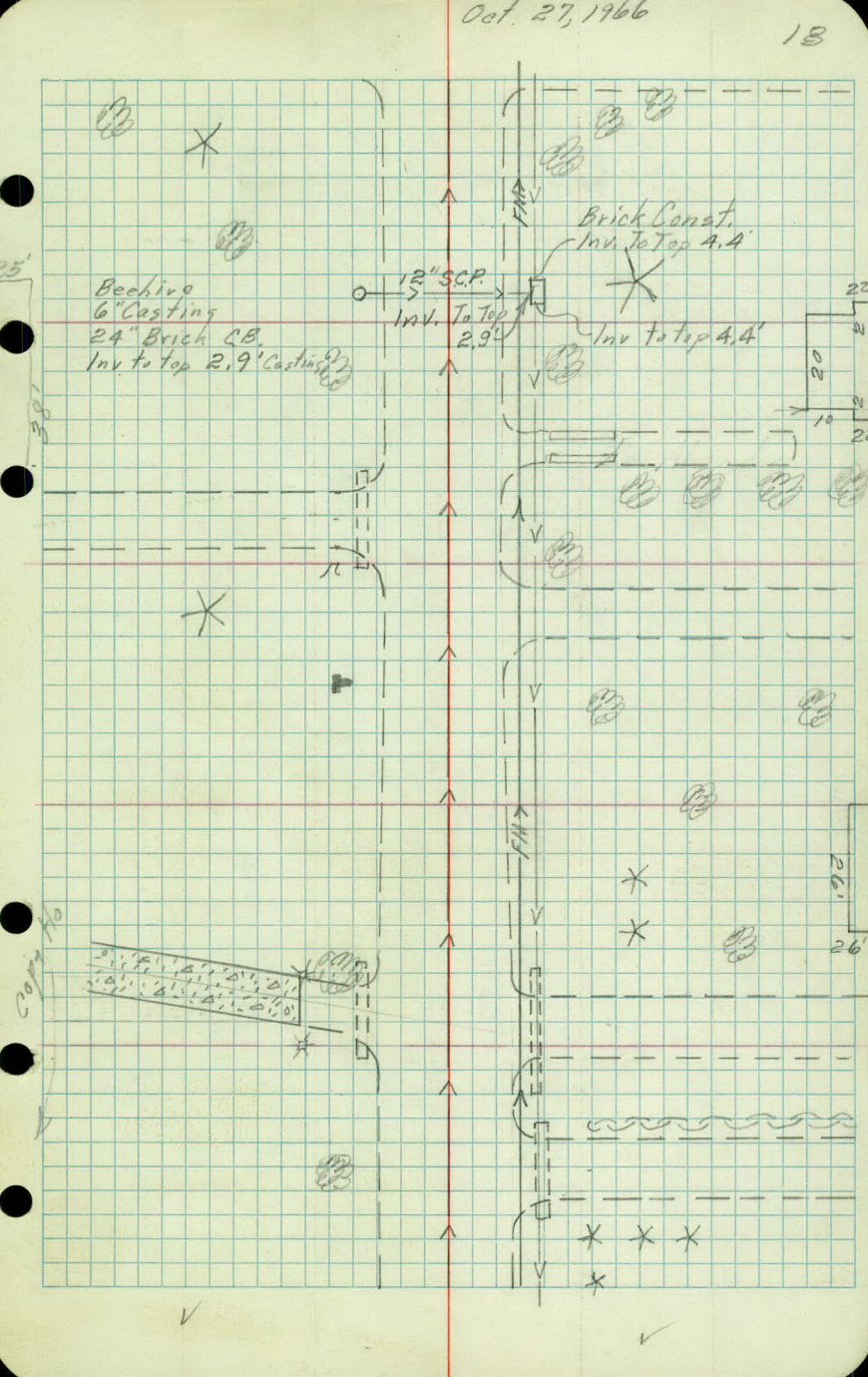
Brick Conat.
Inv. To Top 4.4'

Inv to top 4.4'

22'
20'
10'
20'

26'
26'

20' to



+50 $\frac{\text{E Ent}}{\text{C. Rock}}$
 $\frac{36 \text{ Elm}}{+33 \quad 23}$

+23 $\frac{\text{E 8' Conc Ent}}{23}$ +29 $\frac{\text{E Ent}}{64}$

+29 $\frac{26 \text{ Elm}}{24}$

+14 $\frac{2 \text{ Cedar}}{34}$

34

+87 $\frac{28 \text{ Elm}}{24}$

Road
13 12

+58 $\frac{\text{S.W. Cor Ho}}{94}$

+85 $\frac{\text{Cor. Bit.}}{40}$

+88 $\frac{6 \text{ Elm}}{49}$

+89 $\frac{\text{Cor. Bit.}}{32}$

+69 $\frac{\text{Cor. Bit.}}{37}$

+77 $\frac{\text{N.W. Cor Ho}}{84}$

+67 $\frac{5 \text{ P}}{68}$

+73 $\frac{\text{Cor Bit}}{22}$

+60 $\frac{\text{St P}}{43}$

+64 $\frac{\text{E 11' Bit Ent 15' X 20' CWI}}{18}$

+60 $\frac{\text{Hedge}}{24}$

+51 $\frac{\text{X-Fe}}{33}$

+46 $\frac{28 \text{ Elm}}{24}$

+39 $\frac{\text{E Ent 13' C. Rock}}{23}$

+22 $\frac{\text{MH}}{1}$

+08 $\frac{26 \text{ Elm}}{23}$

33

Road
12 12

+72 $\frac{\text{S.W. Cor Ho + Ga}}{95}$

+77 $\frac{\text{Ent 15' X 20' CWI}}{18 \text{ Gravel}}$

+80 $\frac{\text{N.W. Cor. Ho}}{83}$

+64 $\frac{26 \text{ Elm}}{24}$

+72 $\frac{\text{Hedge}}{33}$

+62 $\frac{\text{X-Fe}}{33}$

+72 $\frac{5 \text{ Elm}}{24}$

+51 $\frac{4 \text{ P}}{51}$

+60 $\frac{8 \text{ Elm}}{22}$

+22 $\frac{26 \text{ Elm}}{24}$

+25 $\frac{24 \text{ Elm}}{23}$

+00 $\frac{\text{S.W. Cor. Ho.}}{89}$

+19 $\frac{\text{N.W. Cor. Ho.}}{83}$

32

+05 $\frac{\text{E Ent 15' X 20' CWI}}{18 \text{ C-Rock}}$

+03 $\frac{\text{E Ent 10' C. Rock}}{23}$

FK
FS
RW
DP

Nov. 14, 1966
Clear 23°

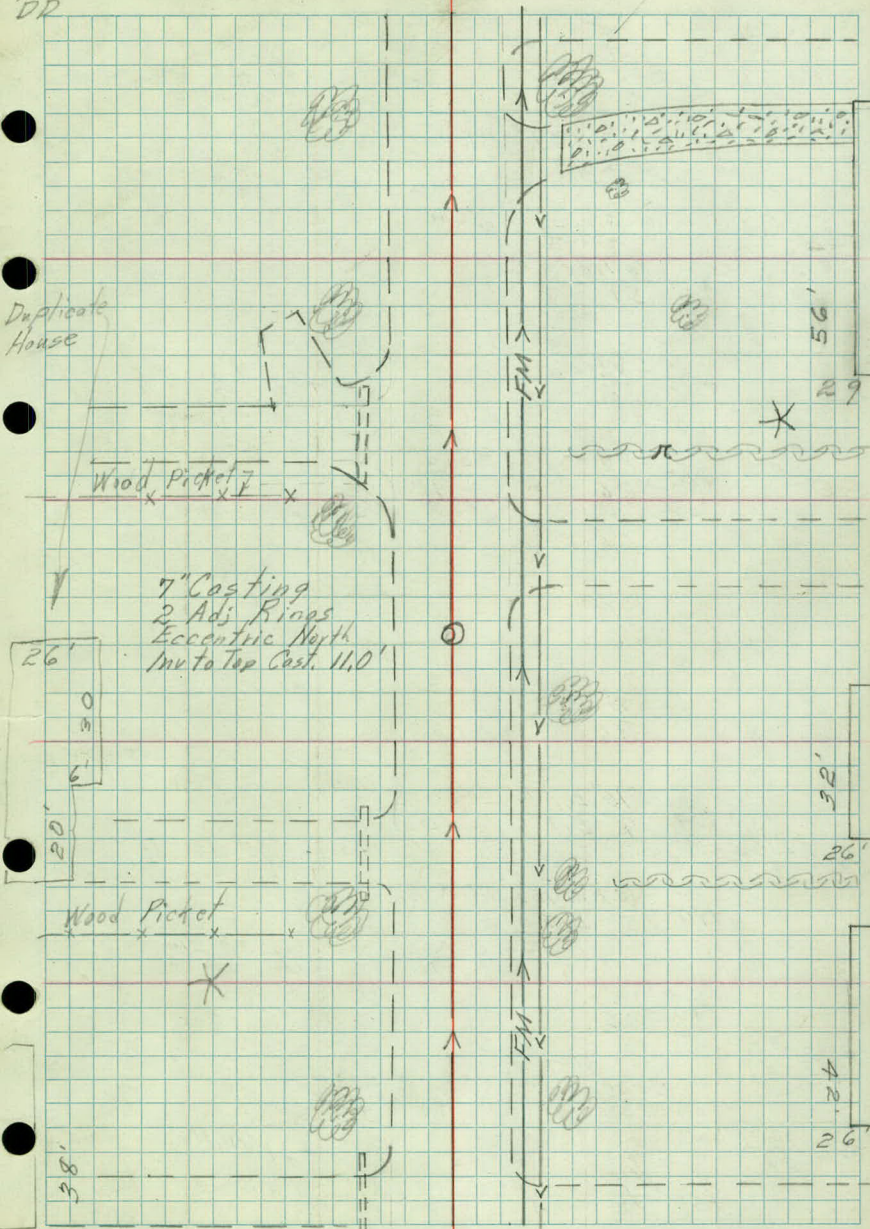
19

Duplicate
House

Wood Picket

7" Casting
2 Adj Rings
Eccentric North
Inv to Top Cast. 11.0'

Wood Picket



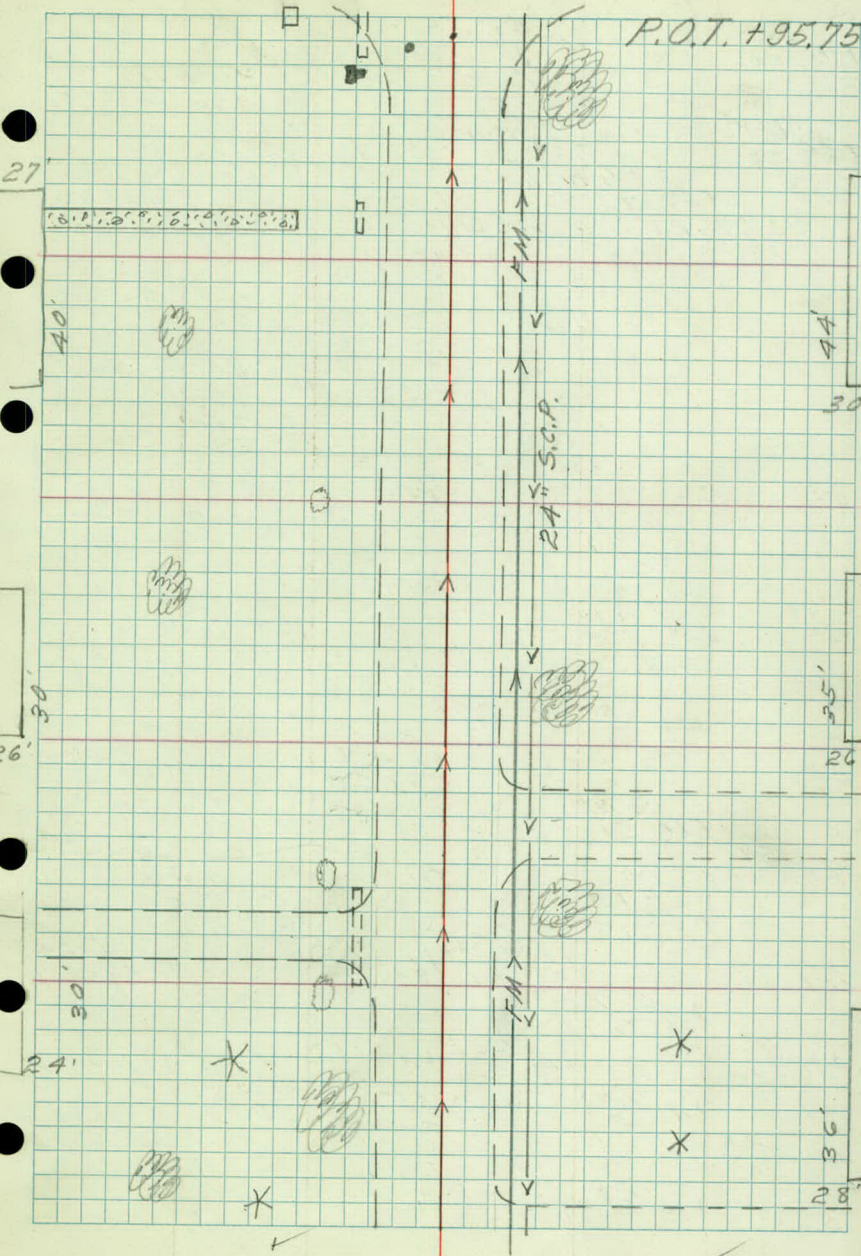
24'

37	+100 $\frac{P.O.R.}{22}$	+100 $\frac{3' \times 3' Pillar}{34}$	+100 $\frac{P.O.R.}{22}$
+94	$\frac{GV}{9}$	+92 $\frac{W.E. 15' CM}{19}$	+80 $\frac{BR}{11}$
			+83 $\frac{40" Maple}{23}$
+83	$\frac{BR}{13}$	+89 $\frac{Hyd}{21}$	
	+79 $\frac{8" Apple}{68}$		
+58	$\frac{24' Walk}{32}$	+58 $\frac{12' \times 5' CM}{19}$	
	+35 $\frac{6" Tree}{57}$		
	+23 $\frac{S.W. Cor. Ho.}{85}$		+25 $\frac{N.W. Cor. Ho.}{83}$
36	+100 $\frac{Spirea}{26}$	$\frac{Road}{14 \ 12}$	
	+80 $\frac{18" Maple}{59}$		
	+51 $\frac{S.W. Cor. Ho.}{38}$		
		+52 $\frac{N.W. Cor. Ho.}{83}$	
	+34 $\frac{E 10' Ent 15' \times 20' CM}{19 \ Bit}$	+58 $\frac{36" Elm}{23}$	
+22	$\frac{Lilac}{24}$		+34 $\frac{E 14' Ent}{C-Rock}$
	+10 $\frac{E 10' Ent 15' \times 20' CM}{18' Bit}$		
35		$\frac{Road}{14 \ 11}$	+16 $\frac{38" Elm}{24}$
	+98 $\frac{Lilac}{25}$		
+72	$\frac{S.W. Cor. Ho.}{88}$	+84 $\frac{3" P}{43}$	
	+71 $\frac{32" Elm}{24}$	+89 $\frac{2" P}{50}$	
+57	$\frac{6" Catalpa}{59}$		+61 $\frac{N.W. Cor. Ho.}{85}$
	+55 $\frac{2" P}{38}$	+67 $\frac{2" P}{50}$	

Nov. 14, 1966

20

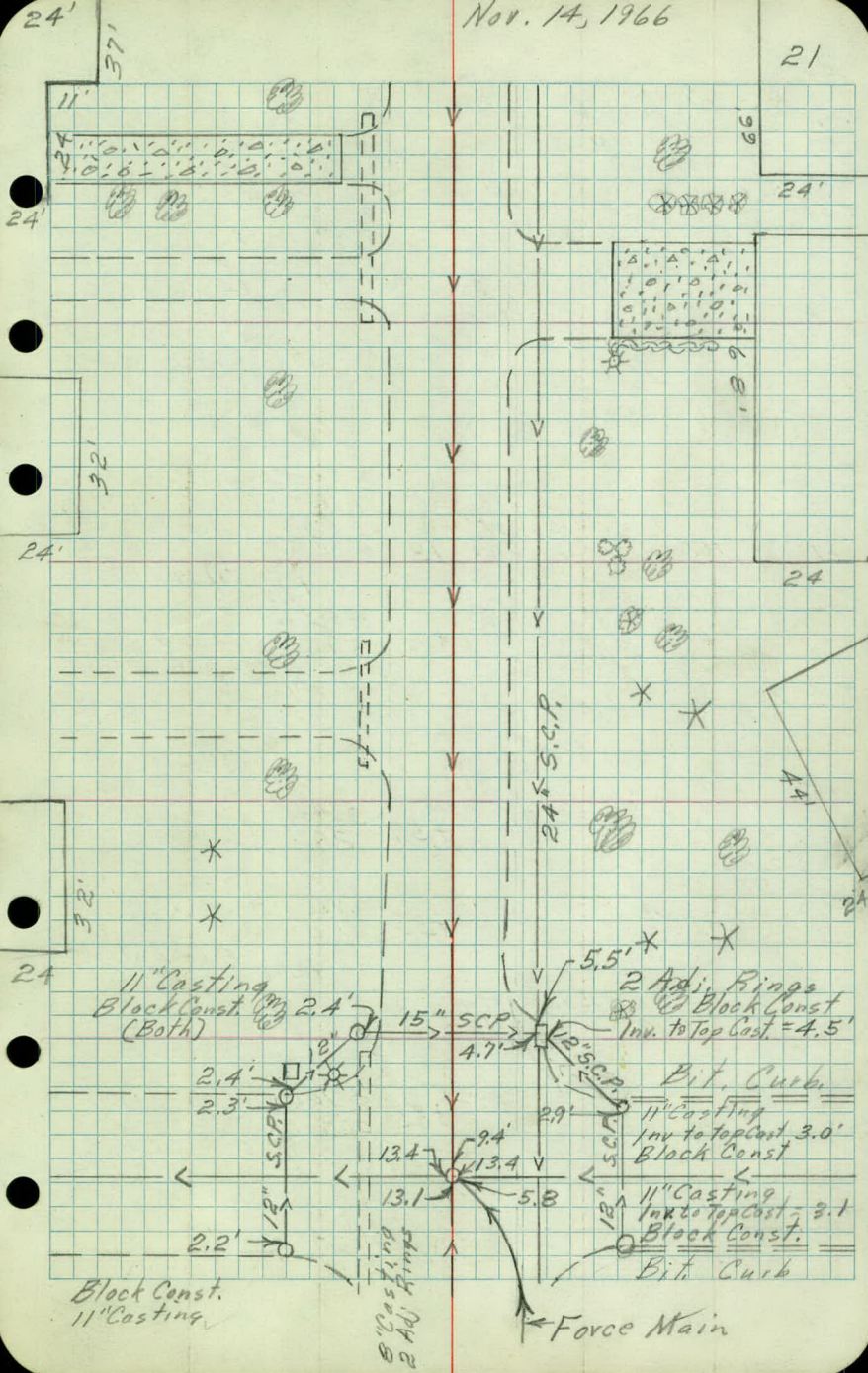
P.O.T. +95.75



+47 $\frac{8}{35}$ Maple	E.E. 15' CM		
+43 18			
S.W. Cor Ga + Ho	+34 E 10' Conc Ent		
+26 $\frac{86}{86}$	23		
+24 $\frac{5-4}{75}$ Birch		+35 $\frac{3-4}{46}$ Birch	
+24 $\frac{6}{36}$ Maple	+24 $\frac{6}{59}$ Apple	+31 N.W. Cor. Ho,	
	+9 Bit. Ent.	+25 P. Bushes	
+09 23		45 50 55 60	
W.E 15' CM	Road	+17 NE Cor Conc	
39 +00 18	13 12	34	
+85 $\frac{4}{37}$ Maple		+97 $\frac{34}{34}$ Cor. Conc	
		+93 $\frac{H. Paley, B. Hedge}{34}$	+97 $\frac{Hedge}{34-56}$
		+75 $\frac{3}{29}$ Ash	
+56 $\frac{S.W. Cor Ho}{79}$		+53 $\frac{Juniper}{36}$	+53 $\frac{Juniper}{32}$
+30 $\frac{14}{36}$ Elm		+49 $\frac{2}{34}$ Juniper	
+20 $\frac{E Ent 15' \times 27' CM}{18}$ Gravel	+23 $\frac{2}{40}$ P	+50 N.W. Cor. Ho,	+49 $\frac{6}{43}$ Maple
38 +04 $\frac{10}{37}$ Elm	Road	+38 $\frac{P. Bu}{37}$	
+90 $\frac{1}{52}$ K.P.	13 12	+19 $\frac{3}{52}$ P	
+77 $\frac{2}{51}$ NP	+91 $\frac{4}{60}$ Maple	+94 $\frac{30}{33}$ CoH	
+68 $\frac{S.W. Cor Ho}{88}$	+83 $\frac{W. Cor Ho}{87}$	+73 $\frac{3}{63}$ P	
+54 $\frac{ER}{15}$	+71 $\frac{2}{41}$ P	+59 $\frac{5}{47}$ Birch	
+51 $\frac{CB}{20}$	+56 $\frac{12}{37}$ Elm	+56 $\frac{P. Bush}{36}$	
+47 $\frac{E.E. 15' CM}{19}$	+48 $\frac{ER}{11}$		
+42 $\frac{POR}{20}$	+42 Ho	+51 $\frac{CB}{19}$	
+42 $\frac{Arch}{24}$	+43 $\frac{3 \times 3' P}{34}$	+41 $\frac{POR}{22}$	+37 $\frac{BR}{37}$
+38 $\frac{BR}{35}$	+21 $\frac{MIT}{4}$	+36 $\frac{CB}{36}$	
+37	+107 $\frac{CB}{36}$		
+05 $\frac{CB}{35}$	+05 $\frac{ER}{35}$	+07 $\frac{ER}{36}$	

Nov. 14, 1966

21



Road
13 14

42

+93 M.W. Cor. Ho.
64

+68 S.W. Cor Ho
75

+70 5" P
51

+86 £ 10' Ent
Bit

+61 10" Elm
30

+69 5" P
62

+74 1" P
38

+51 Tw 5" P
37

+69 1" P
43

+68 P. Bush
37

+08 S.W. Cor Ho
74

+43 3" Ash
31

+13 6" Elm
30

+14 M.W. Cor. Ho.
69

41 +00 £ Ent 15' x 20' cm Road
18 C-Rock 13 13

+04 £ 11' Bit Ent

+97 M.H
2

+87 3" P
31

+91 3-3' Birch
59

+82 Fe Cor
75

+91 3-2' Birch
38

+30 S.W. Cor Ho
75

+59 3" Ash
29

+25 3" P
58

+25 4" P
35

+33 M.W. Cor. Ho.
65

+24 £ 10' Ent
C. Rock

40

+08 £ Ent 15' x 20' cm Road
18 Gravel 13-13

+85 £ 10' Ent
C. Rock

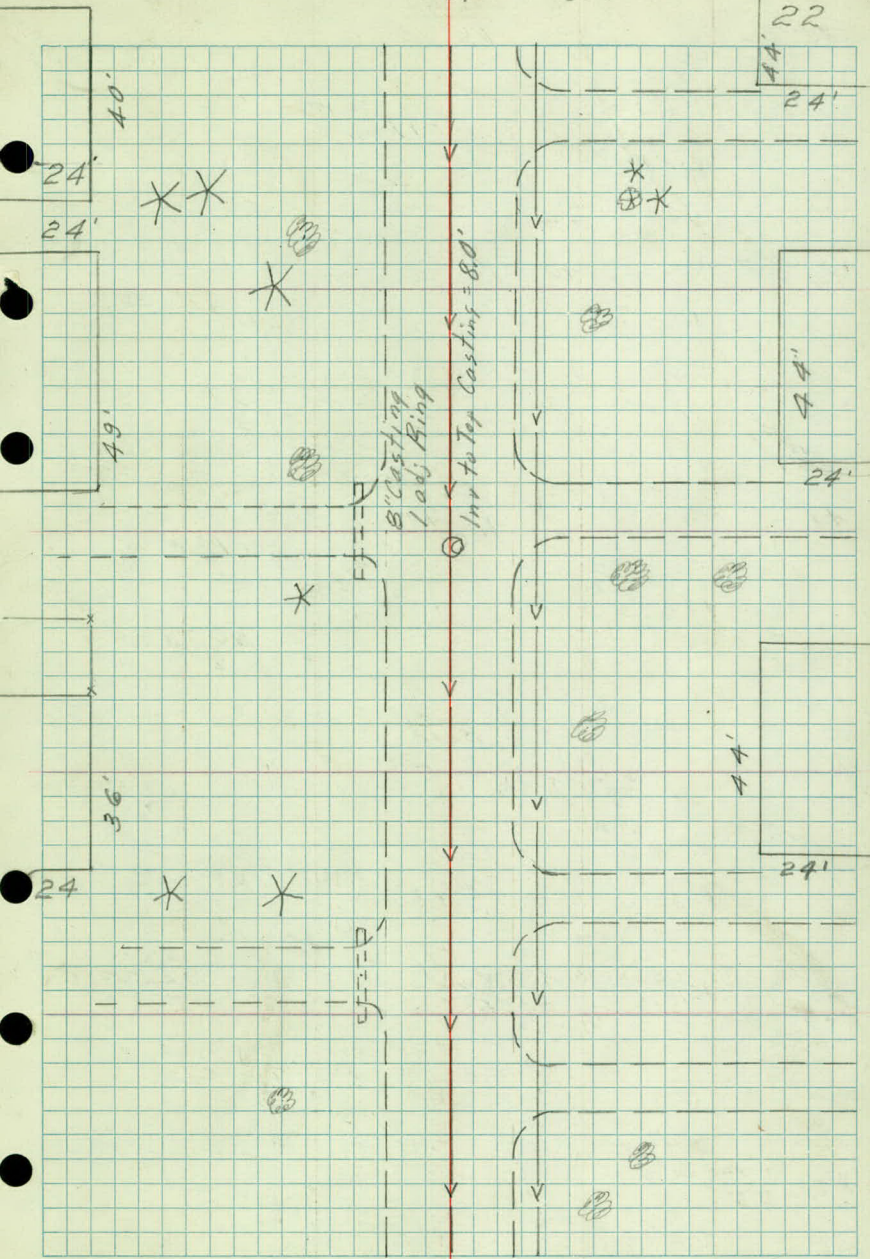
+70 6" R. Olive
39

+82 3" Maple
35

+60 4" Ash
31

Nov. 14, 1966

22



+40 $\frac{16'' \text{Maple}}{56}$	+46 $\frac{\text{SW Cor Ho}}{75}$		
	+16 $\frac{10'' \text{Maple}}{57}$		+23 $\frac{\text{MH}}{1}$
+26 $\frac{\text{E } 10' \text{ Ent } 15'' \times 20'' \text{CM}}{\text{Bit } 18}$	+20 $\frac{\text{E, Fe}}{31}$	+47 $\frac{1'' \text{Plan}}{44}$	
	+16 $\frac{16'' \text{Maple}}{33}$		+13 $\frac{\text{N.W. Cor. Ho.}}{68}$
+02 $\frac{\text{X-Fe}}{31}$	+14 $\frac{\text{Fe Cor}}{31}$	+03 $\frac{\text{X-Fe}}{34}$	
44	+02 $\frac{\text{Light P}}{23}$	Road $\frac{13}{12}$	+02 $\frac{\text{Begin Hedge}}{35}$
	+96 $\frac{5'' \text{P}}{36}$		
	+88 $\frac{4'' \text{P}}{37}$		
	+73 $\frac{\text{CB}}{19}$		
+47 $\frac{2'' \text{Mt. Ash}}{35}$		+91 $\frac{2'' \text{P}}{49}$	
	+44 $\frac{6'' \text{P}}{57}$		+80 $\frac{1'' \text{P}}{43}$
+19 $\frac{\text{Cor Conc}}{53}$	+27 $\frac{\text{SW Cor Ho}}{85}$	+73 $\frac{\text{CB}}{22}$	+76 $\frac{2'' \text{Birch}}{32}$
	+32 $\frac{\text{E } 9' \text{ Cor Ent } 15'' \times 20'' \text{CM}}{33 \quad 19}$	+29 $\frac{\text{N.W. Cor. Ga + Ho}}{67}$	
+16 $\frac{\text{Hedge}}{33}$	+16 $\frac{\text{Hyd}}{21}$	+39 $\frac{\text{E } 17' \text{ Ent}}{\text{C. Rock}}$	+24 $\frac{\text{X-Fe}}{35}$
43	+03 $\frac{\text{E } 12' \text{ Ent } 15'' \times 20'' \text{CM}}{32 \text{ Bit } 18}$	Road $\frac{13}{14}$	+04 $\frac{4'' \text{Ash}}{32}$
	+86 $\frac{8'' \text{P}}{48}$		
+76 $\frac{10'' \text{P}}{58}$	+80 $\frac{8'' \text{Cedar}}{51}$		+73 $\frac{\text{N.W. Cor. HO.}}{70}$
	+45 $\frac{4'' \text{Cedar}}{67}$	+77 $\frac{3'' \text{Mt. Ash}}{45}$	
+43 $\frac{\text{SW Cor. Ho.}}{77}$	+46 $\frac{5'' \text{Maple}}{56}$	+63 $\frac{\text{E } 10' \text{ Ent}}{\text{C. Rock}}$	
	+46 $\frac{8'' \text{Mt. Ash}}{36}$	+50 $\frac{2'' \text{Maple}}{40}$	
+28 $\frac{\text{Spirea}}{27}$	+34 $\frac{\text{Hedge}}{32}$	+40 $\frac{\text{P. Bush}}{37}$	
	+20 $\frac{\text{Ent } 15'' \times 20'' \text{CM}}{17}$	+34 $\frac{1'' \text{P}}{39}$	+39 $\frac{1'' \text{P}}{43}$
+10 $\frac{\text{Spirea}}{27}$			+27 $\frac{4'' \text{Ash}}{32}$
42	+02 $\frac{\text{Tw } 6'' \text{Birch.}}{30}$		

Nov. 16, 1966

23

2207

2204

Bee Hive
2, 3' Deep
7" Casting
No Adj. Rings

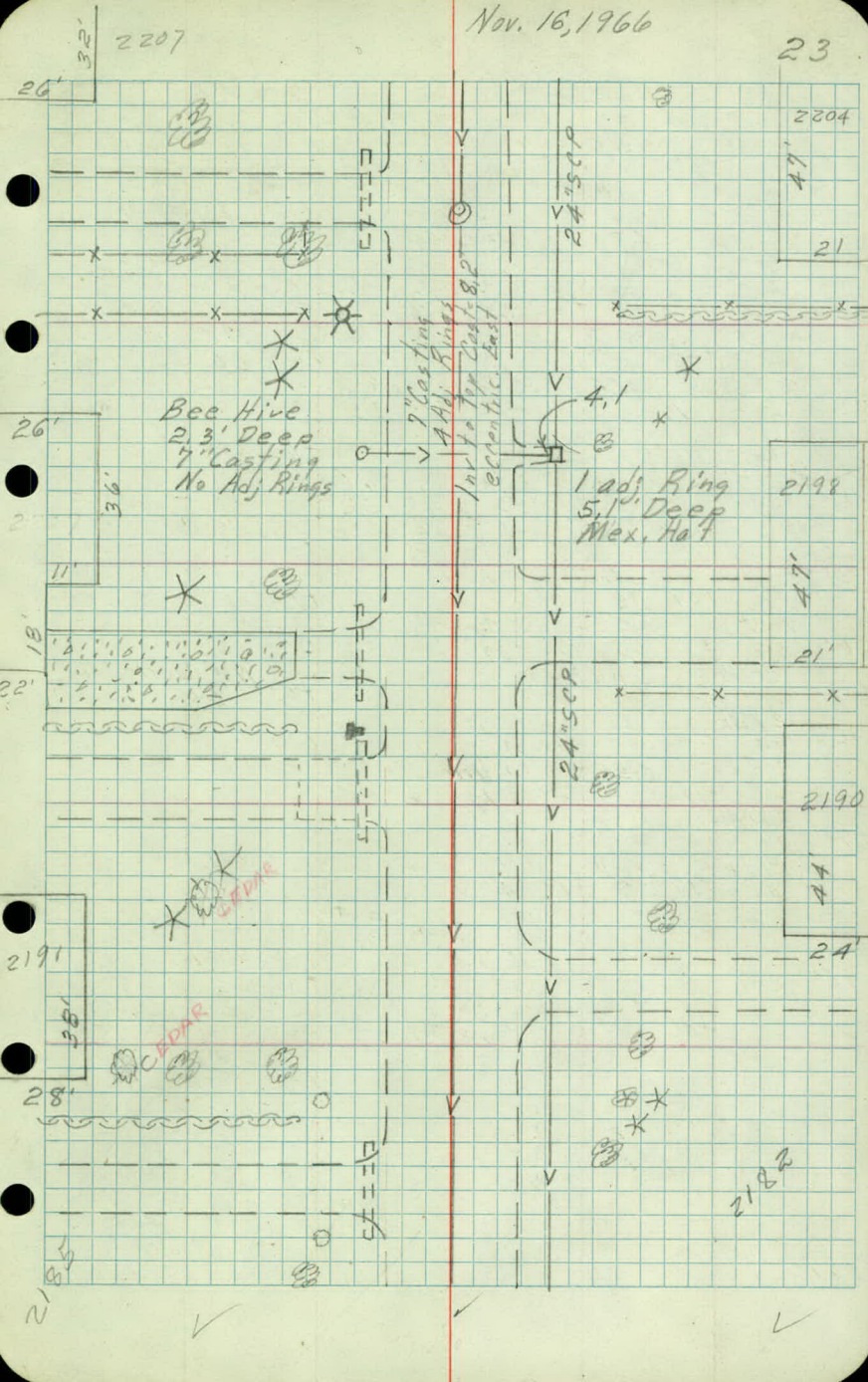
7" Casting
4 Adj. Rings
1 hr to top Cast 82
electronic East

1 adj. Ring
5, 1' Deep
Mex. Hat

2198

2190

2182



47

Road
13 13+81 SW Cor. Ho
80+86 E 8' Cnc Ent 15' x 20' CM
32 18+73 6" Ash
65+70 NW Cor. Ho
64+46 2" Walk
33+68 18" O
50+43 1" P
39+52 E 9' Ent 15' x 20' CM
Bit 19+39 32" Walk
29+65 16" O
55+59 1' Ditch
30 →+31 2" P
39+65 3" P
35+21 2" P
39+21 2" Maple
53+38 26" O
52+56 18" O
49

46

+04 2" Maple
39Road
12 13+38 16" Oak
37+84 Fe Cor
32+89 12" Cott
28+99 SW Cor. Ho
75+93 E 16' Ent
C. Rock+65 10" P
58+77 10" 5" Birch
65+78 4" Maple
38+58 6" C. Apple
41+28 SW Cor. Ho
79+83 NW Cor. Ho
68+23 2" Walk
34+52 6" Plun
65+27 21" Pale
41+12 E 8' Ent 15' x 20' CM
Bit 17+37 4" Apple
38+94 5" Mid. Ash
53+20 Fe Cor
32+29 10" Elm
60+13 E Ent
C. Rock+07 E. Fe
41+99 14" Cott
67+16 8" Fe
41+80 2" Ash
31+03 Fe Cor
32+48 2" Maple
31+57 2" P
35+01 Bush
59+01 16" Maple
72+39 3" Elm
44

45

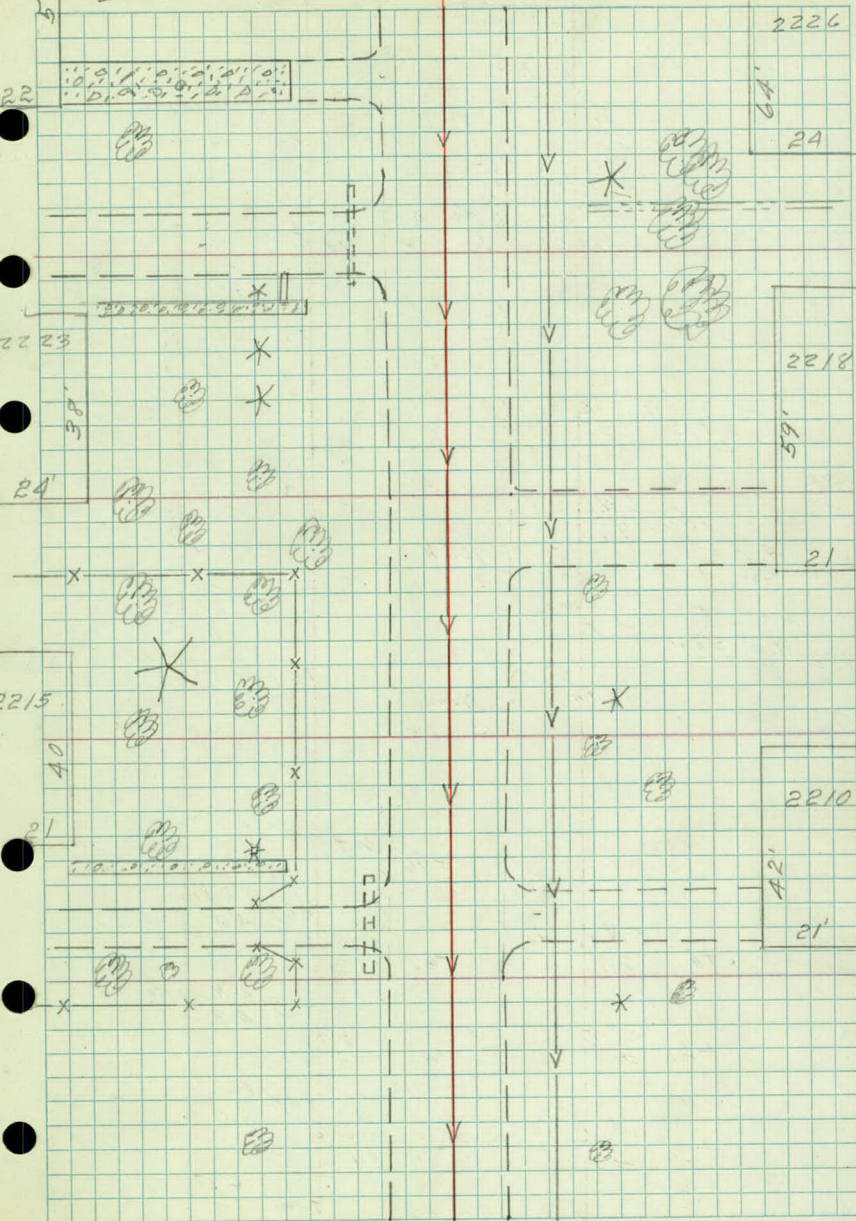
+01 16" Maple
40Road
13 11+06 NW Cor. Ho
63+95 Fe Cor
32+97 2-1" Birch
48+95 1" P
35+67 3" Maple
41+63 1" Maple
31

Nov. 16, 1966

24

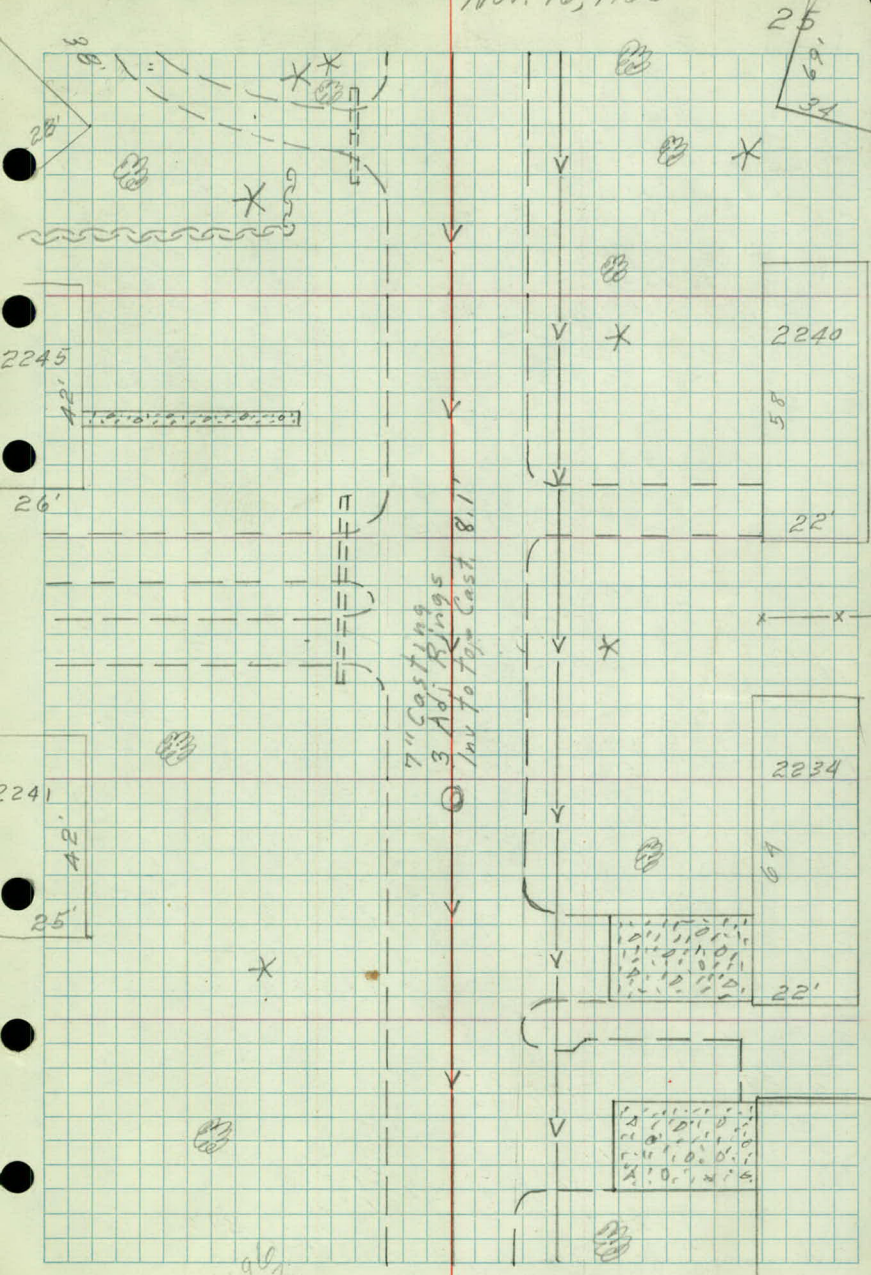
2227

2226



+47 $\frac{2 \text{ Ent}}{43}$		+43 $\frac{\text{Cedar}}{25}$	
+45 $\frac{3 \text{ P}}{32}$	+37 $\frac{2 \text{ Ent}}{41}$	+48 $\frac{2 \text{ P}}{26}$	+34 $\frac{\text{N.W. Cor. Ho.}}{68}$
+35 $\frac{\text{S.W. Cor. Ho.}}{75}$		+35 $\frac{2 \text{ Ent } 13 \times 20 \text{ cm.}}{20}$	+28 $\frac{6 \text{ P}}{62}$
	+25 $\frac{6 \text{ Birch}}{66}$		+48 $\frac{6 \text{ Maple}}{37}$
+26 $\frac{\text{E. Lilac}}{33}$		+20 $\frac{3 \text{ P}}{41}$	+30 $\frac{6 \text{ Maple}}{47}$
49	+13 $\frac{\text{Cor. Lilac}}{33}$	Road	+106 $\frac{1 \text{ Red Leaf Maple}}{34}$
		13 16	
			+92 $\frac{1 \text{ P}}{35}$
	+75 $\frac{2 \text{ Walk}}{32}$		
			+56 $\frac{2 \text{ Ent}}{\text{C-Rock}}$
	+60 $\frac{\text{S.W. Cor. Ho.}}{77}$		
+46 $\frac{2 \text{ Ent}}{\text{Gravel}}$		+58 $\frac{\text{E.E. } 15 \text{ CM}}{22}$	+49 $\frac{\text{N.W. Cor. Ho.}}{65}$
	+29 $\frac{2 \text{ Ent}}{\text{Bit}}$		+34 $\frac{\text{Fe Cor}}{65}$
+20 $\frac{\text{W.E. } 15 \text{ CM}}{23}$			+27 $\frac{1 \text{ P}}{32}$
48	+07 $\frac{\text{Tw } 5 \text{ Birch}}{57}$	Road	
		13 16	
			+96 $\frac{\text{MH}}{1}$
			+83 $\frac{3-2 \text{ Birch}}{42}$
	+67 $\frac{\text{S.W. Cor. Ho.}}{76}$	+63 $\frac{18 \text{ Conc Ent}}{33}$	
			+53 $\frac{\text{N.W. Cor. Ho.}}{63}$
	+61 $\frac{4 \text{ P}}{39}$	+46 $\frac{\text{Cor Bit}}{28}$ NE	+46 $\frac{\text{Cor Bit}}{61}$ SE
		+44 $\frac{\text{Cor Bit NW}}{26}$	
	+26 $\frac{6 \text{ Maple}}{49}$	+15 $\frac{\text{Cor Conc}}{34}$	+33 $\frac{\text{Cor Conc}}{34}$
47			+04 $\frac{36 \text{ O}}{33}$

Nov. 16, 1966

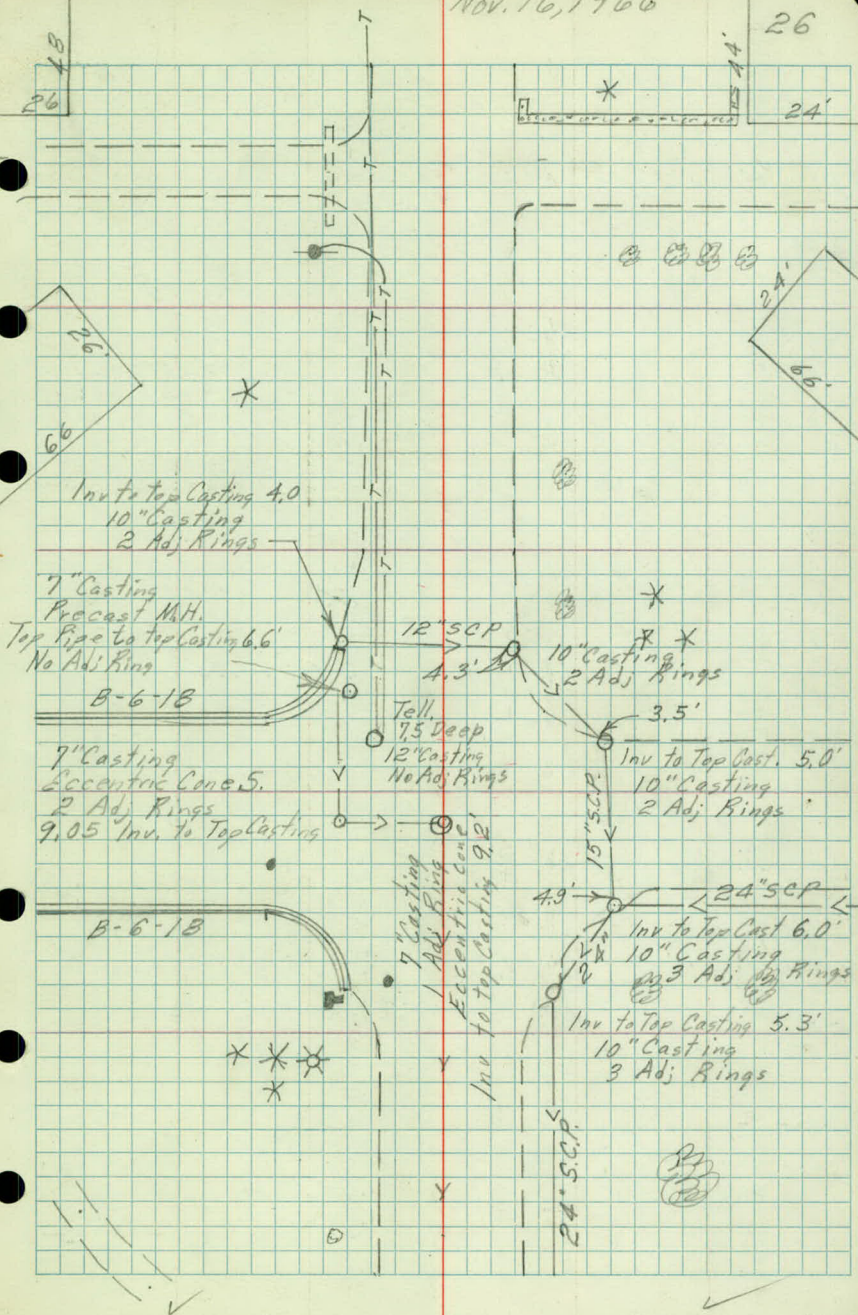


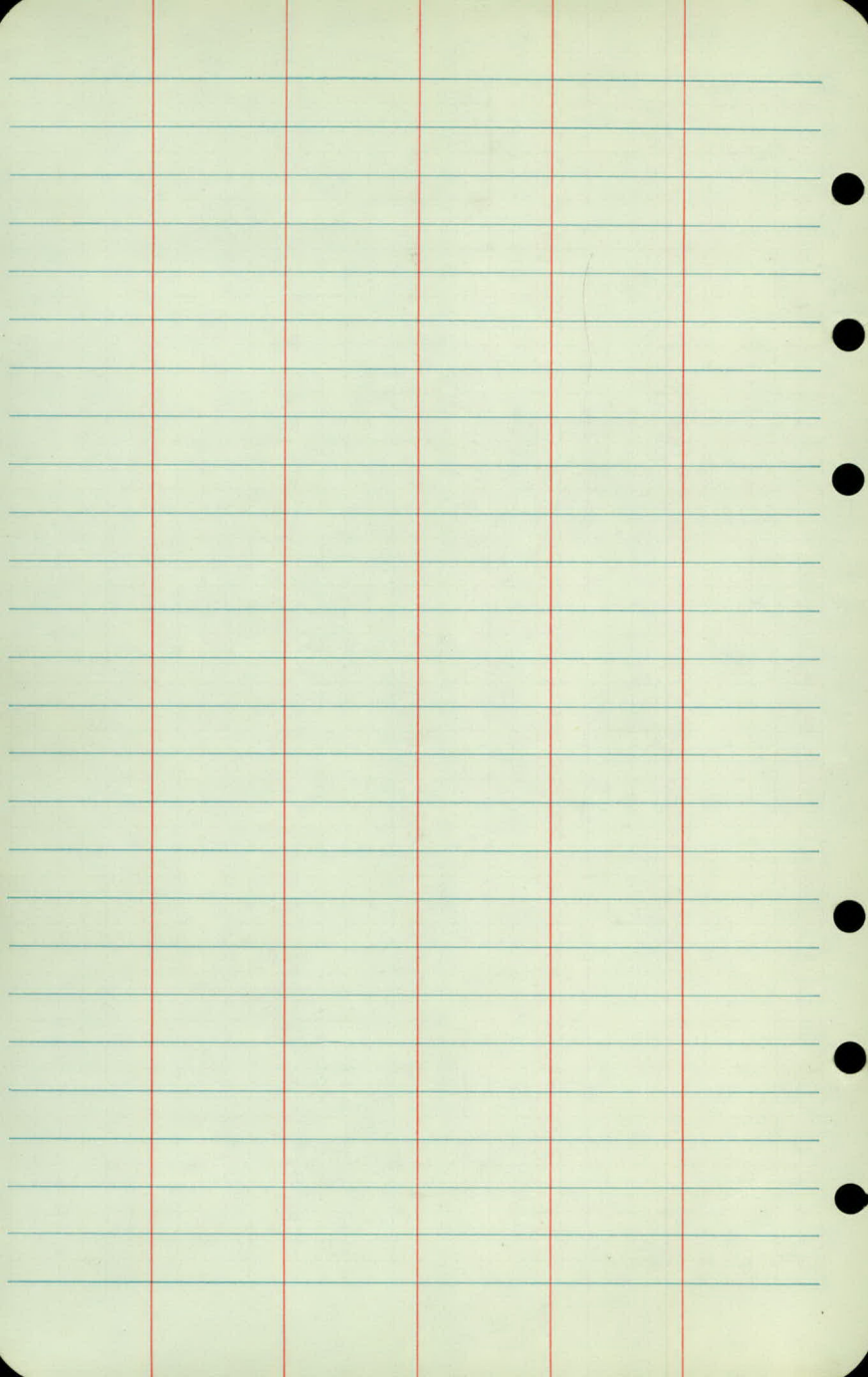
17+96
2 27
50.23

52	UTC 16	+101 Rtie Face House +43.81	
	+90 S.W. Cor. Ho. 78	Road 15 15	+88 NW Cor. Ho. 64
		+95 2" P 34	
+78	± 183 P. x 20' CM 23 Bit 10'	+87 Rtie Face Holt +34	+89 ± 2' Conc Walk 16
	+62 TP 27		+81 ± 15' Ent C. Rock
+69	U.T.C. 15	+46 V.T.C. 14 + 12	
	+34 S. Cor Ho 63		+61 Row Cedars 39-48-56-64
		+43 N. Cor Ho 64	
	+33 3" P 41		+16 2" Maple 26
51		Road 17 15	
			+92 2" P 44
water	+81 CB 21	+82 2" P 52	+88 1" Maple 26
+71	MH 19	+80 ER 22	+82 3" P 43
	+65 BR 37	+80 ER 16	+80 CB 15
+44	MH 22	+61 MH 14 Tek	+67 POR 21
	+35 WGV 36	+60 CB 34	+61 BR 35
+11	GV 11	+25 ER 37	+09 5' Birch 67
	+09 B Conc Curb 21	+30 ER 45	+09 6" Ash 43
+07	Hyd 23	+21 Possible Gas Main Xing	+27 CB 36
50		+08 CB 23	+20 POR 28
	+99 BR 13		+96 BR 17
+96	3" P 35	+97 2" P 43	
	+94 Arch 27		
+57	Bush 23	+88 2" P 35	+57 Rtie Ho W-side
	+63 ± Ent 76		+70 34" D 50

Nov. 16, 1966

26





White Bear Ave.

Topography

2

Lt.

E

Rt.

+84 $\frac{ER}{52}$ +67 $\frac{POR}{18}$ +76 $\frac{POR}{31}$ +71 $\frac{Ara. Lt.}{29}$ +73 $\frac{PP}{29}$ +68 $\frac{POR}{21}$ +58 Underground
X-Ing+46 $\frac{BR}{10}$ +45 $\frac{BR}{11}$ +63 $\frac{Sign}{39}$ +21 $\frac{Edge Park.}{34}$ +38 $\frac{Lt. Post}{33}$ +23 $\frac{Sign}{32}$ Road
10 10+94 $\frac{Sw. Cov. Bldg}{81}$ +98 $\frac{E. Ent 36" Span X 39" CM}{23}$
Bit+80 $\frac{6" CE}{50}$ +83 $\frac{X-Fe}{31}$ +83 $\frac{X-Fe}{48}$ +55 $\frac{4" BE}{38}$ +79 $\frac{18" O}{32}$ +43 $\frac{Tw5 CE}{36}$ +72 $\frac{TP}{22}$ +34 $\frac{4" CE}{46}$ +41 $\frac{5" CE}{37}$ +59 $\frac{E. Ent 18" X 26 CM}{23}$
C. Rock+20 $\frac{6" CE}{39}$ +42 $\frac{8" P}{59}$ +39 $\frac{P. Bush}{39}$ +13 $\frac{8" CE}{39}$ +15 $\frac{4" CE}{42}$ +21 $\frac{E. Fe}{49}$ +05 $\frac{PP}{25}$ +01 $\frac{E. Fe}{50}$

0

Road
10 10+00 $\frac{MH}{20}$ +99 $\frac{S.W. Cor. Ho}{83}$

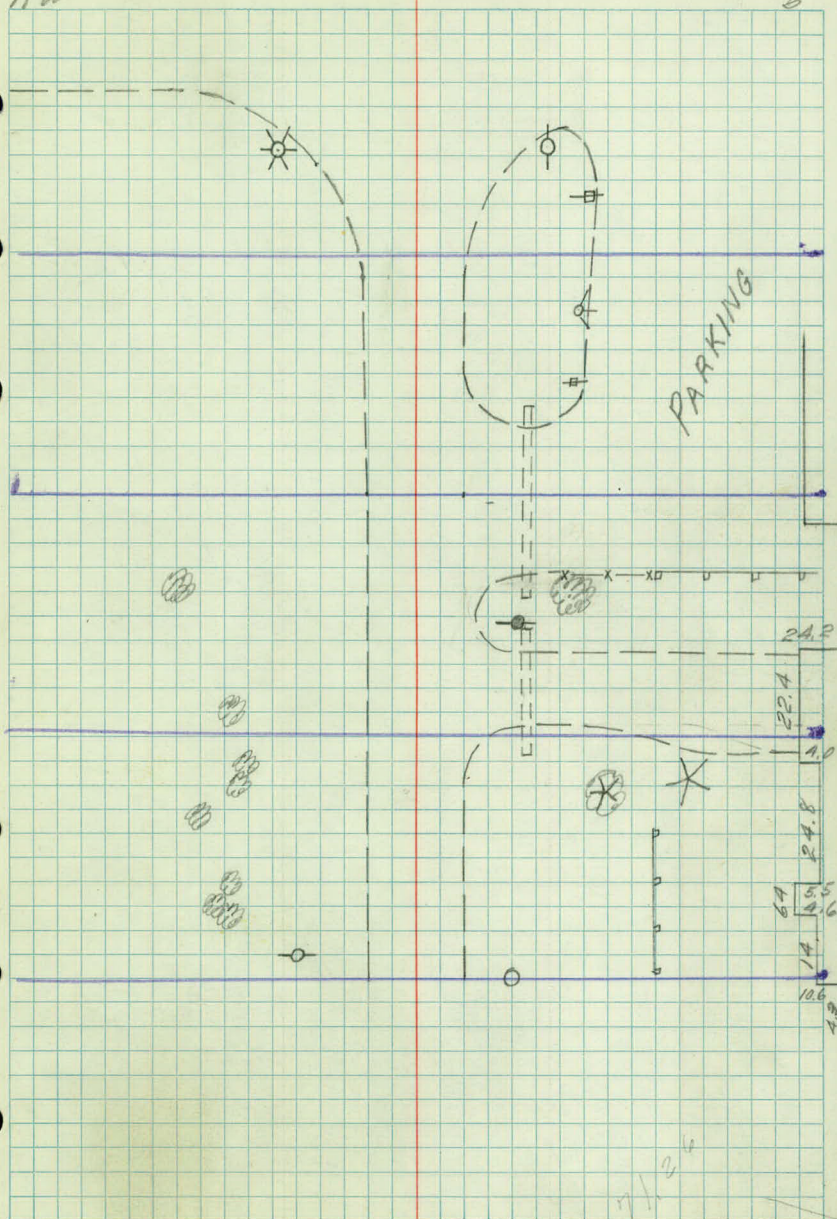
FK
LPD
RW

Lt

Nov. 30, 1966

Rt 26B

6



X 7/1/26

Lt.

L

St.

4

Road
10 11+99 $\frac{30'' \text{ Oak}}{24}$ +93 $\frac{PP}{69}$ + T. Cable
Underground+70 $\frac{2' \text{ Walk}}{46}$ +85 $\frac{PP}{28}$ +91 $\frac{\text{Cor Br}}{29}$ +67 $\frac{MH}{36}$ +38 $\frac{S.E. 18' \times 51' \text{ CAN}}{22}$ +22 $\frac{SW Cor Ho}{88}$ +41 $\frac{20''}{35}$ +27 $\frac{Tw 10' \text{ Birch}}{56}$ +19 $\frac{28''}{26}$ +16 $\frac{4'' P}{45}$ +22 $\frac{4'' P}{38}$ +16 $\frac{4'' P}{39}$ Road
10 11+100 $\frac{24'' \text{ Elm}}{35}$

3

+71 $\frac{ER}{12}$ +48 $\frac{ER}{11}$ +36 $\frac{POR}{23}$ +33 $\frac{GV}{34}$ +56 $\frac{Tw 7 \text{ Birch}}{57}$ +21 $\frac{CB}{36}$ +32 $\frac{TP \text{ to Under}}{23}$ +37 $\frac{3'' P}{43}$ +25 $\frac{Hnd}{48}$ +21 $\frac{POR}{37}$ +24 $\frac{22'' \text{ Elm}}{34}$ +14 $\frac{BR}{62}$ +21 $\frac{CB}{27}$ +20 $\frac{POR}{23}$

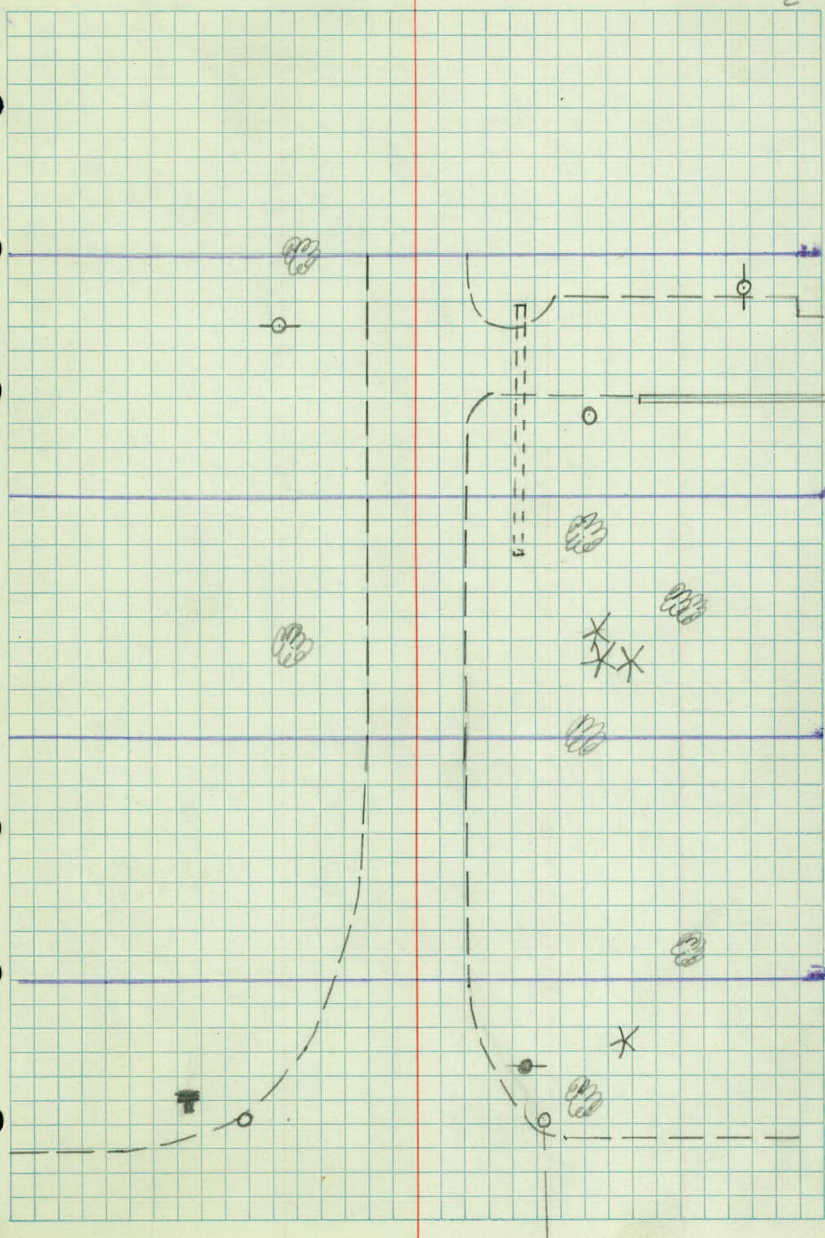
2

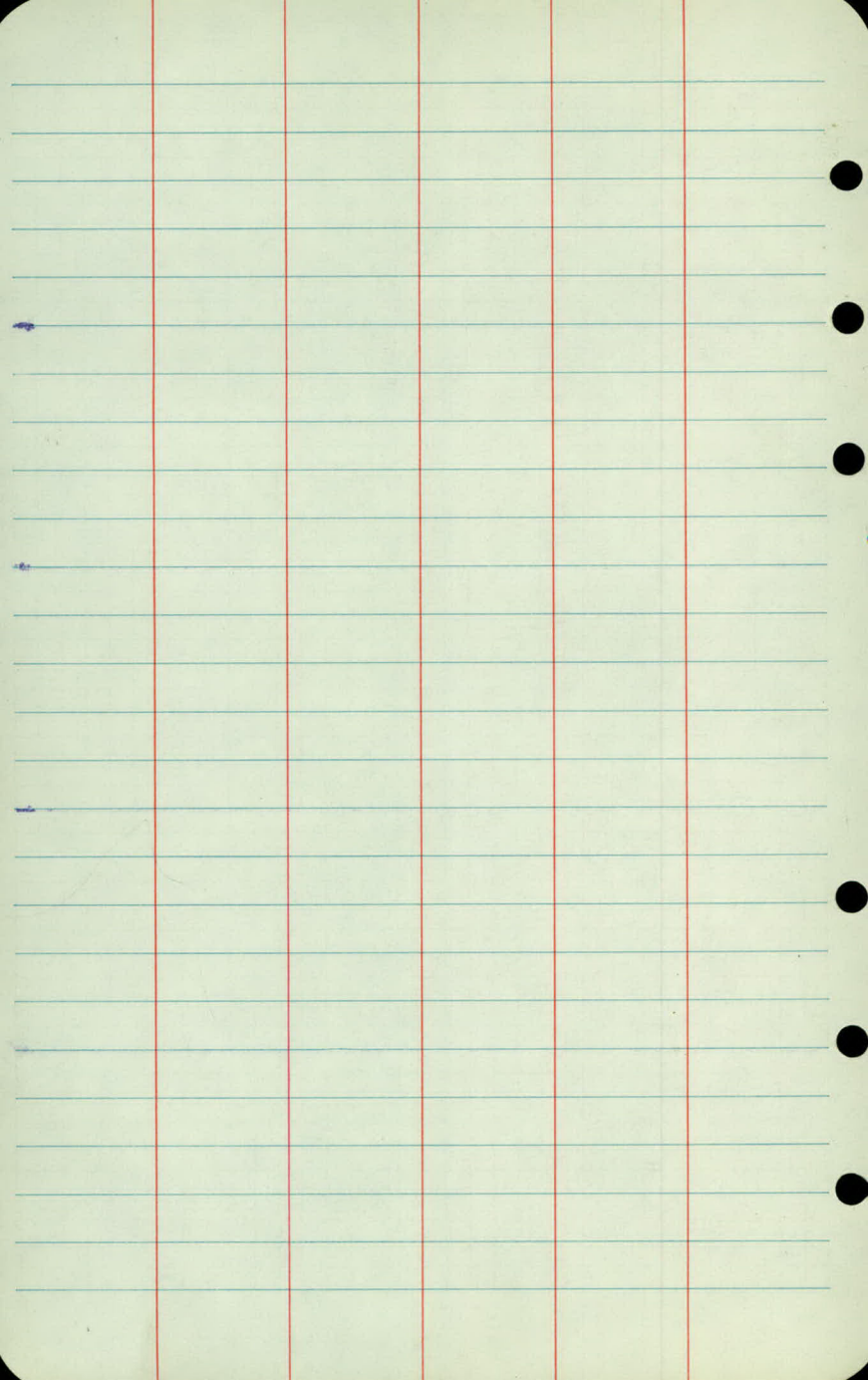
+17 $\frac{BR}{31}$

Lt

Nov. 30, 1966

26C
RT
0





Nov. 17, 1966

27

Co Rd "F"

TH #61 to Mc Knight

x-sections

Sta + π - Elev.

BM 2.99 934.52 (931.53)

0+00 2.79 931.73

0+12.6 Along Conc.

+32

+38 Tell Cable X-ing

+46

+65

✓

Nov. 17, 1966

28

Top Hyd 200' East of N.B.L. TH #61

31.16	31.26	31.22	31.31	31.47	31.58	31.64	31.79	31.91	32.39
3.36	3.26	3.30	3.21	3.05	2.94	2.88	2.73	2.61	2.13
100	50	40	25	10		16	34	50	100
31.3	31.3	31.2	31.2	31.2	31.1	30.9	30.07	30.63	30.8
3.2	3.2	3.3	3.3	3.2	3.4	3.6	4.45	3.89	3.7
50	42	30	15	15	25	36	41	100	
						S.D.	MH		
30.3	30.2	30.7	31.3	31.1	31.3	31.1	31.0	30.81	31.0
4.2	4.3	3.8	3.2	3.4	3.2	3.4	3.5	3.71	3.5
50	36	25	17	13	15	25	37	50	
							MH		
24.65	24.8	31.1	31.2	31.3	31.1	31.0	31.0		
9.87	4.7	3.4	3.3	3.2	3.4	3.5	3.5		
31	22	13	10		14	30	50		
Apron									
26.4	26.3	26.7							
8.1	8.2	7.8							
32	37	50							

Sta + π - Elev.

934.52

0 +69 Profile Service Road

+75

+84

✓

+91

✓

Nov. 17, 1966

27

Bt

29

26.2	26.5	27.5	29.4	31.1	31.1	31.3	31.1	30.6	30.4	30.6	30.7
8.3	8.0	7.0	5.1	3.4	3.4	3.2	3.4	3.9	4.1	3.9	3.8
50	31	22	19	13	9		14	21	30	42	50

26.1	26.4	27.2	29.4	31.1	31.1	31.3	31.0	30.3	26.75	27.2	26.70
8.4	8.1	7.3	5.1	3.4	3.4	3.2	3.5	4.2	2.87	2.3	1.82
50	29	24	17	12	10		11	17	22	29	38
								Aprax			inv 15

30.6 30.5 28.9
3.9 40 56
50 45 42

26.08	29.1	31.1	31.0	31.3	30.9	30.4	26.6	26.6	28.7
8.44	5.4	3.4	2.5	3.2	3.6	4.1	7.9	7.9	5.8
20	17	12	9		12	17	23	24	28
Apron									

26.5	26.4	26.6	26.2
8.0	8.1	7.9	8.3
26	32	41	50

30.83	30.82	30.3	29.8
3.69	3.70	42	51
50	42	39	32

Conc

Sta + π - Elev.

934.52

0+96

✓

1

✓

+37

✓

Nov. 17, 1966

LT

✓

RT

30

27.2	27.8	31.1	31.0	31.3	30.9	30.4	26.41	29.3	31.5
1.3	6.7	3.4	3.5	3.2	3.6	4.1	8.11	5.2	3.6
26	18	12	9		12	17	29.5	27	37

14x18cm

27.3	26.1	26.2	27.7	27.6
7.2	8.4	8.3	6.8	6.9
29	31	35	40	50

30.88

364

50

conc

27.6	27.7	28.7	31.2	31.1	31.2	30.9	30.4	30.2	30.9	30.85
6.9	6.8	5.8	3.3	3.4	3.3	3.6	4.1	4.3	3.6	3.67
28	23	19	12	9		12	19	24	30	35

conc

26.0	26.1	26.9	28.3
8.5	8.4	7.6	6.2
31	34	40	50

30.90

362

50

conc

26.5	26.7	28.7	30.5	30.9	31.0	30.8	30.3	30.4	30.58	30.85
8.0	7.8	5.8	4.0	3.6	3.5	3.7	4.2	4.1	3.94	3.67
30	26	22	14	10		11	21	29	33	50

conc

27.1	28.6	28.8
7.4	5.9	5.7
32	36	50

Parking

Sta + π - Elev.

934.52

1+40

2.03

✓

+6.3

✓

+75

✓

Nov. 12, 1966

31

27.0

29.2

30.2

30.8

30.9

30.7

30.2

26.99

29.8

7.5

5.3

4.3

3.7

3.6

3.8

4.3

7.53

4.7

25

21

14

9

12

18

23

27

Inv 182M

26.6

28.7

28.8

31.30

31.31

30.81

30.54

7.9

5.9

5.7

3.22

3.21

3.71

3.98

30

37

50

at B/dg

50

47

33

RT

Pump Island

conc

28.7

26.8

26.4

29.8

30.3

30.5

30.4

30.1

28.4

27.6

27.4

28.4

5.8

7.7

8.1

4.7

4.2

4.0

4.1

4.4

6.1

6.9

7.1

6.1

35

30

27

17

10

12

15

20

21

25

26

29.0

5.5

50

30.4

4.1

50

30.39

4.13

32

cor. conc.

26.8

26.3

27.8

29.4

30.0

30.2

30.1

29.7

27.05

29.7

30.2

8.5

8.2

6.7

5.1

4.5

4.3

4.4

4.8

7.47

4.8

4.3

29

26

23

17

10

12

17

23

30

50

Inv 182M

28.8

29.0

5.7

5.5

36

50

Sta + π - Elev.

934.52

1 + 78

2

✓

+17

✓

+28

W.S.O. Lt 25'

BM

2.98

934.51

2.98

931.54

(931.53)

Nov. 17, 1966

32

lt.

Rt.

Duplicate
+75

30.0	30.2	30.0	29.6	29.6	29.8	30.1
4.5	4.3	4.5	4.9	4.9	4.7	4.9
10		12	22	27	37	50

27.8	25.6	25.7	29.1	29.5	29.8	29.5	29.1	29.3	29.5	29.3	29.5
6.7	8.9	8.8	5.4	5.0	4.7	5.0	5.4	5.2	5.0	5.2	5.0
32	28	26	19	10		12	21	31	40	42	50

28.7
5.8
36

29.1
5.4
50

26.4	27.0	28.7	29.1	29.39	29.5	29.2	28.9	29.1	29.4	29.5
8.1	7.5	5.8	5.4	5.13	5.0	5.3	5.6	5.4	5.1	5.0
26	24	18	10	1		12	17	25	36	43

MH

26.2
8.3
28

28.1
6.4
32

28.6
5.9
36

29.0
5.5
50

29.8
4.7
50

26.0	26.2	27.1	28.2	29.0	29.2	29.0	28.2	27.31	29.2
8.5	8.3	7.4	6.3	5.5	5.3	5.5	6.3	7.21	5.3
28	26	24	18	10		12	18	24	29

Inv 18 CM

28.1
6.4
33

28.5
6.0
36

29.0
5.5
50

29.6
4.9
50

29.3
5.2
38

Sta + π - Elev.

934.51

2 + 72

✓

+ 79 Ent Rt Lt

3 + 00 Ent Lt & Ent Rt

+ 26

✓

Nov. 13 1966

BT 33

Lt.

26.4	27.4	28.1	28.5	28.7	28.5	28.2	28.6	28.8	29.1
8.10	7.1	6.4	6.0	5.8	6.0	6.3	5.9	5.7	5.4
25	20	17	8		12	19	27	38	50

100

26.9	27.0	28.6	29.0
7.6	7.5	5.9	5.5
27	29	35	50

29.0	28.6	28.4	28.3	28.5	28.6	28.4	28.2	28.6	28.7	29.0
5.5	5.9	6.1	6.2	6.0	5.9	6.1	6.3	5.9	5.8	5.5
50	34	25	18	8		12	17	28	38	50

29.1	29.0	28.8	28.6	28.6	28.5	28.4	28.7	28.9	29.7
5.4	5.5	5.7	5.9	5.9	6.0	6.1	5.8	5.6	4.8
50	34	20	9		12	17	29	39	50

52

29.7	29.3	28.8	28.7	28.6	28.7	28.5	28.6	28.6	29.2	30.7	31.6
4.8	5.2	5.7	5.8	5.9	5.8	6.0	5.9	5.9	5.3	3.8	2.9
C	G	19	13	8		13	18	23	30	50	Ho.
32											

29.6	30.1	29.8	30.3
4.9	4.4	4.7	4.2
G	G	G	G
4.5		5.7	

Sta + π - Elev

934.51

3+33

6.45

✓

+66

✓

+97 Ent. Rt.

6.06

✓

TP

7.34 937.00 4.85 929.66 Sta. 42

Nov. 17, 1966

34

Lt

Rt

26.81	27.8	28.6	28.5	28.7	28.7	28.6	28.6	29.4	30.1	30.7
770	6.7	5.9	6.0	5.8	5.8	5.9	5.9	5.1	4.4	3.7
25	20	17	14	8		13	22	30	40	50

Inv 15cm

28.1	29.4	29.7	29.8
6.4	5.3	4.8	4.7
29	34	43	50

27.4	27.7	28.4	29.2	28.9	29.1	29.0	28.9	29.8	30.6	31.1
7.1	6.8	6.1	5.8	5.6	5.4	5.5	5.6	4.7	3.9	3.4
25	22	19	15	9		12	20	30	40	50

27.7	28.5	29.2	29.5
6.8	6.0	5.3	5.0
28	33	39	50

27.20	28.7	29.2	29.3	29.6	29.3	29.3	29.9	30.5	31.3
7.31	5.8	5.3	5.2	4.9	5.2	5.2	4.6	4.0	3.2
25	19	16	9		13	19	30	40	50

Inv 15cm

27.7	29.6	29.9
6.8	4.9	4.6
26	34	50

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

		937.00		
--	--	--------	--	--

A+00				
------	--	--	--	--

✓				
---	--	--	--	--

+17				
-----	--	--	--	--

+58				
-----	--	--	--	--

+70				
-----	--	--	--	--

+76				
-----	--	--	--	--

				862
--	--	--	--	-----

FX
FS
RW
DD

LT

Nov. 18, 1966

RT

35

31.0	29.5	29.2	29.3	29.7	29.3	29.2	29.4	30.1	30.8
60	75	78	77	73	77	78	76	6.9	6.2
C	G	16	10		13	17	20	30	40
34									

29.6	30.1	29.7	31.0
74	6.9	73	6.9
G	C	G	C
40		50	

31.6
5.4
50

29.6	29.6	29.5	29.5	29.6	30.0	29.6	29.4	29.7	30.2	29.4	29.4
7.4	7.4	7.5	7.5	7.4	7.0	7.4	7.6	7.3	6.8	5.8	5.1
50	40	30	17	10		12	16	22	30	40	50

29.4	29.5	29.6	29.8	30.3	30.5	30.3	29.9	30.5	31.0	31.4	32.0
7.6	7.5	7.4	7.2	6.7	6.5	6.7	7.1	6.5	6.0	5.6	5.0
50	36	28	20	9		13	18	25	33	40	50

29.4	29.4	29.4	29.7	30.0	30.5	30.7	30.5	30.3	30.4	30.7	31.2	32.1
7.6	7.6	7.6	7.3	7.0	6.5	6.3	6.5	6.7	6.6	6.3	5.8	4.9
50	40	34	26	17	9		13	17	22	30	40	50

28.1	27.3	29.4	30.1	30.6	30.8	30.6	30.4	30.5	30.7	31.3	31.9
8.9	8.8	7.6	6.9	6.4	6.2	6.4	6.6	6.5	6.3	5.7	5.1
30	27	23	17	9		13	18	24	30	40	50

Inv. Cal.

29.1	29.3	29.4	29.4
7.9	7.7	7.6	7.6
32	35	46	50

Sta + π - Elev.

937.00

5 Ent Rt.

✓

+43

✓

+84

✓

Nov. 18, 1966

St 36

17

28.2	28.4	30.0	30.7	31.0	31.2	31.0	30.9	31.1	31.4	31.6
88	86	70	63	60	58	60	61	59	56	52
30	26	20	16	9		12	16	23	30	40

28.9	29.1	29.2	29.3	
81	79	78	78	4.0
33	35	40	42	

33.9	32.2
3.1	4.8
40	50

28.4	29.4	30.5	31.4	31.7	31.9	31.6	31.2	30.9	31.1	31.5	32.1
86	76	65	56	53	51	54	58	61	59	55	50
29	24	19	14	9		13	20	25	32	40	50

28.7	28.9	29.0
83	81	80
33	35	50

28.7	29.5	30.3	31.6	32.2	32.6	32.3	31.9	31.1	31.1	31.6	32.1
83	75	67	52	48	44	47	51	59	59	54	49
32	27	21	14	10		13	17	24	31	40	50

29.2	29.1
78	79
35	50

Sta + π - Elev

937.00

6

79 77
30 35

✓

+40

✓

+66 Ent Bl

✓

TP 7.45 942.49 1.96 935.04 Sta 7 E

Nov. 18, 1966

37

LT

✓

RT

29.2	30.0	31.0	32.1	32.6	32.8	32.6	32.5	31.2	32.0	32.5
78	70	6.0	4.9	4.4	4.2	4.4	4.5	5.8	5.0	4.5
33	26	20	14	10		13	16	23	29	34

29.3 29.1
7.7 7.9
35 50

3.0
3.5
4.0
50

30.5	31.1	32.0	33.3	33.5	33.6	33.4	33.4	32.0	32.1	33.2
6.5	5.9	5.0	3.7	3.5	3.4	3.6	3.6	5.0	4.3	3.8
32	28	19	15	10		13	16	23	29	40

29.6 29.3
7.4 7.7
37 50

33.4
3.6
50

29.9	31.2	32.0	33.3	33.8	34.2	34.0	33.8	33.7	34.0	34.1
7.1	5.8	5.0	3.7	3.2	2.8	3.0	3.2	3.3	3.0	2.9
33	30	26	17	9		13	21	31	41	50

29.7 29.5
7.3 7.5
37 50

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

		942.49		
--	--	--------	--	--

7+00				
------	--	--	--	--

✓				
---	--	--	--	--

+18				
-----	--	--	--	--

✓				
---	--	--	--	--

+36				
-----	--	--	--	--

✓				
---	--	--	--	--

Lt.

E

Nov. 18, 1966

Rt

38

31.8

32.7

33.2

34.0

34.6 ✓

35.1

34.6

32.9

32.6

32.5

32.7

10.7	9.8	9.3	8.5	7.9	7.4	7.9	9.6	9.9	10.0	9.8
29	23	18	15	10		15	23	31	41	50

30.1

29.7

29.4

12.4	12.8	12.9
33	38	50

30.2

32.8

33.4

34.5

35.1 ✓

35.4

35.3

35.1

33.1

33.4

33.4

12.3	9.7	9.1	8.0	7.4	6.9	7.2	7.4	9.4	9.1	8.9
33	27	20	17	10		13	16	26	38	50

30.1

30.1

12.4	12.4
38	50

30.2

32.5

34.4

35.2

35.6

35.9

35.7

35.4

33.4

33.6

33.9

12.3	10.0	8.1	7.3	6.9	6.6	6.8	7.1	9.0	8.9	8.6
34	30	19	15	9		13	16	26	35	42

30.2

30.3

12.3	12.2
39	50

35.5

34.0

70	8.5
Ho	50

Sta + π - Elev.

942.49

7+39

✓

+63

✓

+89

Ent Rt.

✓

Lt.

Nov. 18 1966

Rt. 39

$\begin{matrix} 22.8 \\ 22.8 \\ 22.8 \\ 22.8 \\ 22.8 \\ 22.8 \end{matrix}$

$\begin{matrix} 9.7 & 9.7 & 8.0 & 7.3 & 6.9 & 6.6 \\ 35 & 29 & 20 & 16 & 10 & \end{matrix}$

Duplicate + 36

$\begin{matrix} 22.8 \\ 22.8 \end{matrix}$

$\begin{matrix} 9.7 & 9.6 \\ 43 & 50 \end{matrix}$

✓

$\begin{matrix} 34.5 & 32.6 & 33.3 & 35.5 & 36.1 & 36.4 & 36.2 & 35.8 & 34.6 & 32.2 & 31.1 \\ 8.0 & 9.9 & 9.2 & 7.0 & 6.4 & 6.1 & 6.3 & 6.7 & 7.9 & 8.3 & 8.4 \\ 34 & 45 & 22 & 17 & 10 & & 13 & 16 & 21 & 32 & 41 \\ 25 & & & & & & & & & & \end{matrix}$

$\begin{matrix} 35.1 \\ 35.1 \end{matrix}$

$\begin{matrix} 7.4 & 7.2 \\ 40 & 50 \end{matrix}$

$\begin{matrix} 33.6 \\ 33.6 \end{matrix}$

$\begin{matrix} 8.9 \\ 50 \end{matrix}$

✓

$\begin{matrix} 32.8 & 34.1 & 35.0 & 36.3 & 36.7 & 37.0 & 36.9 & 36.4 & 35.9 & 35.5 & 35.0 & 34.1 \\ 8.7 & 8.4 & 7.5 & 6.2 & 5.8 & 5.5 & 5.6 & 6.1 & 6.6 & 7.0 & 7.5 & 7.8 \\ 27 & 22 & 18 & 14 & 10 & & 12 & 16 & 23 & 32 & 41 & 50 \end{matrix}$

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

$\begin{matrix} 7.1 \\ 33 \end{matrix}$

$\begin{matrix} 36.2 \\ 36.2 \end{matrix}$

$\begin{matrix} 6.3 \\ 41 \end{matrix}$

$\begin{matrix} 36.5 \\ 36.5 \end{matrix}$

$\begin{matrix} 6.0 \\ 50 \end{matrix}$

Sta + π - Elev.

942.49

8 +00

✓

1.92

+ 23 Ent Rt + Lt.

+50 Ent Lt.

TP 6.88 947.45 1.92 940.57

+75

✓

24

Nov. 18, 1966

RT

40

34.7	34.8	35.4	36.7	37.0	37.2	37.1	36.5	35.6	35.5	35.2
28	27	21	58	55	5.3	5.4	6.0	6.9	7.0	7.3
27	22	19	15	10		13	17	23	32	41

36.2	36.7	37.1
6.3	5.8	5.4
34	41	50

Iron

34.8
7.7
50

35.7	36.1	36.5	37.1	37.6	37.8	37.6	37.5	37.5	37.6	37.6
68	64	60	54	49	4.7	4.9	50	50	49	49
50	37	29	17	12		10	13	22	34	50

40.8	40.1	39.3	38.5	38.0	38.3	38.4	38.3	37.9	36.6	37.2	37.4	37.1
1.7	2.4	3.2	4.0	4.5	4.2	4.1	4.2	4.6	5.9	5.3	5.1	5.2
50	40	28	19	14	10		12	16	22	27	37	50

Iron

40.0	39.2	38.7	38.6	38.8	38.9	38.8	38.6	37.5	38.3	38.4	38.6
74	82	8.7	8.8	8.6	8.5	8.6	8.8	9.9	9.1	9.0	8.8
23	18	16	14	10		12	15	21	26	37	50

41.1	41.4	42.3	42.5
6.3	6.0	5.1	4.9
29	35	42	50

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

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

947.45

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

9+00

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

✓

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

+17

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

✓

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

+27

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

✓

Nov. 18, 1966

Rt.

41

Lt.

2.1	10.5	39.5	39.3	39.4	39.5	39.5	39.4	39.1	39.2	39.6	39.8
5.3	6.9	7.9	8.1	8.0	7.9	7.9	8.0	9.3	8.2	7.8	7.6
26	21	16	14	10		12	15	22	29	39	50

13.6	13.9	14.2
3.8	3.5	3.2
33	40	50

13.5	11.6	10.3	9.7	9.5	9.8	9.8	9.6	9.5	9.4	9.8
3.9	5.8	7.1	7.7	7.9	7.6	7.6	7.8	8.9	8.0	7.6
31	26	20	16	14		12	16	22	29	39

14.0	14.5
3.4	2.9
35	50

9.9
7.5
50

11.0	10.3	10.2	9.7	9.9	10.0	10.0	9.8	9.7	9.4	10.0
6.4	7.1	7.2	7.7	7.5	7.4	7.4	7.6	8.7	8.0	7.4
30	23	19	14	10		12	16	22	37	34

12.3	12.9
5.1	4.5
40	50

10.2	10.1
7.2	7.3
50	41

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

		947.45		
--	--	--------	--	--

9+50				
------	--	--	--	--

✓				
---	--	--	--	--

+89				
-----	--	--	--	--

✓				
---	--	--	--	--

10				
----	--	--	--	--

BM				
----	--	--	--	--

1.67				
------	--	--	--	--

945.14				
--------	--	--	--	--

3.96				
------	--	--	--	--

943.49				
--------	--	--	--	--

943.47				
--------	--	--	--	--

E Nov. 18, 1966 42
Rt.

40.3 39.8 38.9 40.0 40.3 40.4 40.3 40.1 40.9 41.6 42.6
71 26 85 74 71 70 71 73 71 58 48
36 27 22 16 12 10 14 21 32 40

40.4
70
50

43.1
43
50

42.4 41.1 40.4 41.0 40.9 41.0 40.8 40.4 40.63 40.65 40.71
50 63 70 64 65 64 66 70 682 680 674
36 28 20 14 10 17 22 35 39 46
Conc Ent

42.9 43.2
45 42
41 50

41.0 40.6 40.68
64 68 677
Garage Ho 50

42.3 41.2 40.7 41.2 41.0 41.2 40.7 40.2 39.4 40.2 40.4 40.5
51 62 67 62 64 62 67 72 80 72 70 69
36 28 21 14 10 16 19 23 28 37 50

42.7 42.9
47 45
42 50

Top Hyd N.E. Cor. Highland & "F"

Sta + π - Elev.

945.14

10 + 20 P.L.

✓

+ 28 Ditch Line So.

+ 33 M.H. 37' Lt 4.86 940.28

+ 37

+ 45 MH 3.63 941.51

+ 50

✓

Nov. 18, 1966

17.

RT

43

$\times 0.4$	$\times 0.4$	$\times 0.7$	$\times 1.1$	$\times 1.3$	$\times 0.0$	$\times 0.3$	$\times 0.1$	$\times 0.2$	$\times 0.2$
4.7	4.7	4.4	4.0	3.8	4.1	4.8	5.0	4.9	4.9
37	27	19	13		14	19	27	37	44

$\times 0.3$	$\times 0.5$
4.8	4.6
44	50

$\times 0.2$
4.9
50

$\times 0.3$	$\times 0.0$	$\times 0.3$	$\times 0.5$	$\times 1.0$	$\times 1.1$	$\times 1.3$	$\times 1.2$	$\times 0.1$	$\times 0.9$	$\times 0.6$	$\times 0.5$	$\times 0.9$	$\times 0.9$
4.8	5.1	4.8	4.6	4.1	4.0	3.8	3.9	5.0	5.2	5.5	5.6	5.7	5.7
50	42	37	29	19	13		14	25	31	36	42	50	

$\times 0.9$	$\times 0.0$	$\times 0.3$	$\times 0.6$	$\times 1.0$	$\times 1.2$	$\times 1.4$	$\times 1.4$	$\times 1.1$	$\times 0.7$	$\times 0.4$	$\times 0.4$
5.2	5.1	4.8	4.5	4.1	3.9	3.7	3.7	4.0	4.4	4.7	4.7
50	43	34	26	18	12		13	18	31	38	50

$\times 0.2$	$\times 0.3$	$\times 0.6$	$\times 0.9$	$\times 1.3$	$\times 1.4$	$\times 1.5$	$\times 1.3$	$\times 1.1$	$\times 1.0$	$\times 0.9$
4.9	4.8	4.5	4.2	3.8	3.7	3.6	3.8	4.0	4.1	4.2
50	39	30	21	13		15	21	30	38	50

$\times 0.8$	$\times 0.7$
5.3	6.4
100	150

$\times 0.1$	$\times 0.4$
5.0	4.7
150	100

Sta + π - Elev.

94514

10 + 65 Gutter Line N. 45

+81 P.L.

✓

11

+40 Walk Rt

✓

Nov. 18, 1966

39.7 11. 44
 5.4 9.8 10.1 10.2 10.7 11.4 11.4 11.5 11.1 11.0 11.0 11.7
 5.3 5.0 4.9 4.4 3.7 3.7 3.6 4.0 4.1 4.3 4.4
 55 50 39 29 22 13 17 25 34 44 50
 Ent

10.6 11.0 10.4 10.9 11.3 11.3 11.4 11.0 10.7 10.6 11.0
 4.5 4.1 4.7 4.2 3.8 3.8 3.7 4.1 4.4 4.5 4.1
 35 24 21 17 10 16 19 23 27 32

10.4
 4.7
 50
 11.2 11.2
 3.9 3.9
 50 42

10.6 10.7 10.8 10.6 11.0 11.1 11.2 11.2 11.0 10.2 10.7 11.3 11.1
 4.5 4.4 4.3 4.5 4.1 4.0 3.9 3.9 4.1 4.9 4.4 3.8 3.5
 50 39 27 19 14 8 50 18 24 31 40 50

10.8 10.8 10.6 10.8 10.9 10.9 10.8 10.4 10.9 10.5
 4.3 4.3 4.5 4.3 4.2 4.2 4.3 4.7 5.2 4.6
 40 31 21 17 13 12 17 22 30

10.7
 4.4
 50
 12.01 11.80 11.54 10.95
 3.13 3.34 3.60 4.19
 50 44 38 39

conc

Sta + π - Elev.

945.14

11 + 70 Ent Lt

✓

12 Ent Rt.

BM 2.12 945.59 167 943.47

+33

✓

+83 Ent Lt

FK
LPD
RW

LT

Nov. 18, 1966
Nov. 21, 1966 RT

45

40.6	40.7	40.6	40.8	40.8	40.6	40.2	39.7	40.1	41.2
4.5	4.4	4.5	4.3	4.3	4.5	4.9	5.4	5.0	3.9
32	22	18	14		12	15	20	23	28

40.6	40.7
4.5	4.4
41	50

41.9	41.5	41.3
3.2	3.6	3.8
50	39	31

40.2	40.1	40.0	40.2	40.5	40.6	40.7	40.5	40.8	41.1	41.4	41.6
4.9	5.0	5.1	4.9	4.6	4.5	4.4	4.6	4.3	4.0	3.7	3.5
50	42	32	22	17	11		14	20	30	40	50

Top Hyd N.E. Cor. Highland & "F"

39.9	39.6	39.7	40.1	40.3	40.6	40.3	40.0	39.1	39.5	41.2
5.7	6.0	5.9	5.5	5.3	5.0	5.3	5.6	6.5	6.1	4.4
50	34	19	15	11		11	15	20	25	34

42.6	42.1
3.00	3.5
House	50
(walk)	

40.0	39.9	39.8	39.9	40.0	40.1	39.9	39.6	39.7	39.1	41.1
5.6	5.7	5.8	5.7	5.6	5.5	5.7	6.0	6.9	6.5	4.5
50	42	24	15	12		9	15	19	25	37

Ent

41.4
4.2
50

Sta + π - Elev.

945.59

13+00

✓

+50 Ent Rt

+62 Ent Lt

✓

+73

✓ Nov. 21, 1966

Lt.

RT

46

39.2	39.3	39.7	39.9	39.9	39.7	39.5	39.6	A0.2
6.4	6.1	5.9	5.7	5.7	5.9	6.1	7.0	5.4
25	22	16	11		11	15	20	32

39.0	39.0
6.6	6.6
39	50

A1.1	A0.9
4.5	4.7
50	40

38.5	38.9	39.2	39.3	39.5	39.6	39.6	39.5	39.4	39.8	A0.3
7.1	6.7	6.4	6.1	6.1	6.0	6.0	6.1	6.2	5.8	5.3
50	37	26	18	15	9		10	15	29	50

38.8	38.8	38.9	39.4	39.5	39.6	39.4	39.3	38.7	39.6	A0.0
6.8	6.8	6.7	6.2	6.1	6.0	6.2	6.3	6.9	6.0	5.6
50	34	23	15	10		10	17	21	26	37

A0.1
5.5
50

38.4	38.7	38.8	39.1	39.4	39.5	39.3	39.1	38.5	38.8	39.1
7.2	6.9	6.8	6.5	6.2	6.1	6.3	6.5	7.1	6.8	6.2
50	42	26	19	11		10	17	21	33	50

Sta + π - Elev.

945.59

13 + 83

✓

14

+14 Walk 33' Rt 7.13 938.46

+23 Ent Rt

+34

+39

TP 2.07 941.85 5.81 939.78

Nov. 21, 1966

Lt.

✓

RT 47

37.6	38.2	39.1	39.3	39.30	39.1	38.9	38.5	38.4	39.4
80	74	65	63	6.29	6.5	6.7	7.1	7.2	6.2
28	21	16	11	MH	13	16	20	27	50

37.4
37.4
8.2 8.2
43 50

37.5	37.2	37.4	38.9	39.0	39.2	38.9	38.8	38.1	38.2	39.2
8.1	8.4	8.2	6.7	6.6	6.4	6.7	6.8	7.5	7.4	6.4
50	34	23	15	13		13	17	20	27	50

37.4	37.4	37.3	38.5	38.7	38.9	38.7	38.5	38.5	38.8
8.2	8.2	8.3	7.1	6.9	6.7	6.9	7.1	7.1	6.8
50	31	19	15	12		14	16	33	50

38.0	38.2	38.4	38.6	38.7	38.5	38.4	38.5	38.6
7.6	7.4	7.2	7.0	6.9	7.1	7.2	7.1	7.0
50	25	15	12		13	20	36	50

38.0	38.0	38.1	38.4	38.6	38.7	38.5	38.3	37.5	37.7	37.2
7.6	7.6	7.5	7.2	7.0	6.9	7.1	7.3	8.1	7.9	8.4
50	39	26	15	11		12	17	20	23	31

38.1	37.3	37.0
7.5	8.3	8.6
87	50	43

Post

Sta + π - Elev.

941.85

14+50

✓

+74 Ent Lt

✓

15

+08

Nov. 21, 1966

48

37.3 37.3 38.2 38.4 38.5 38.4 38.2 37.2 37.2
45 45 36 34 33 34 36 46 46
21 18 15 12 9 17 21 23

37.5 37.5 37.6 38.0 37.6 37.6
43 43 42 38 42 42
25 37 50 50 37 26

37.8 37.9 38.1 38.3 38.3 38.1 37.9 37.0 37.0 37.6
40 39 37 35 35 37 39 48 48 42
26 21 14 11 14 17 21 23 28

37.7
4.1
50

38.0
38
50

37.0 37.0 37.2 37.9 38.1 38.2 38.2 38.0 37.8 37.4 37.4
48 48 46 39 37 36 36 38 40 44 44
50 27 20 15 11 14 17 32 46 50

37.0 37.1 37.3 37.9 38.1 38.2 38.1 37.9 37.3 36.7 36.6 36.4
48 47 45 39 37 36 37 39 45 51 52 54
36 25 19 15 11 12 17 21 22 28 38

37.1
4.7
50

36.6 36.7 36.5
52 51 53
100 70 50

Sta + π - Elev.

941.85

15+36 Ent. Rt.

✓

+76

✓

16

2/ Nov. 21, 1966

11.

RT

49

36.9	37.0	37.9	37.9	37.9	38.0	37.8	37.7	37.9	37.0
4.9	4.8	3.9	3.9	3.7	3.8	4.0	4.1	4.4	4.8
27	20	15	10		13	16	21	27	38

37.0	37.0
4.8	4.8
37	50

38.45	36.9
3.40	4.9
Garage	50

36.8	37.3	37.7	37.6	37.7	37.9	37.7	37.5	37.1	36.9	37.3
5.0	4.5	4.1	4.2	4.1	3.9	4.1	4.3	4.7	4.9	4.5
21	17	15	13	11		15	17	20	22	23

36.8	37.2	37.3
5.0	4.6	4.5
27	39	50

37.2	37.2	37.1
4.6	4.6	4.7
50	40	28

36.5	36.7	37.7	37.6	37.6	37.7	37.6	37.4	36.7	37.0	37.1
5.3	5.1	4.1	4.2	4.2	4.1	4.2	4.4	5.1	4.8	4.7
22	18	15	13	10		13	18	21	23	25

36.9	37.0
4.9	4.8
32	50

37.3	37.2	37.0
4.5	4.6	4.8
50	43	32

Sta	+	X	-	Elev.
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		941.85		
--	--	--------	--	--

16+18		Ent Lt.		
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✓				
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+45				
-----	--	--	--	--

✓				
---	--	--	--	--

+75				
-----	--	--	--	--

✓				
---	--	--	--	--

Nov. 21, 1966

21

21

21

50

37.2

37.4

37.4

37.5

37.7

37.5

37.3

37.1

36.6

37.0

4.6 4.4 4.4 4.3 4.1 4.3 4.5 4.7 5.2 4.8
20 16 14 11 13 16 18 21 24

37.0

37.1

37.4

37.2

36.9

4.8 4.7 4.4 4.6 4.9
31 50 100 50 33

36.7

36.64

37.3

37.3

37.4

37.6

37.4

37.2

37.2

36.7

37.0

5.1 5.21 4.5 4.5 4.4 4.2 4.4 4.6 4.6 5.1 4.8
23 20 15 14 11 13 16 18 21 24
MH

36.8

36.5

36.5

36.5

5.0 5.3 5.3 5.3
37 50 50 34

36.8

36.8

37.2

37.2

37.3

37.5

37.4

37.3

37.3

37.0

5.0 5.0 4.6 4.6 4.5 4.3 4.4 4.5 4.5 4.8
(29 21 16 14 11 12 16 19 22

36.5

36.2

36.8

36.9

36.8

5.3 5.6 5.0 4.9 5.0
41 50 50 35 26

Sta + π - Elev.

941.85

17+00

✓

+11 Profile to MH 4.38 937.47

+16

✓

+38 Ent. Rt.

✓

+47 Walk 33' Rt. 4.21 37.64

BM

2.82

941.59

3.08

938.77

~~938.84~~

✓ Nov. 21, 1966

Lt.

RT 51

36.8	37.5	37.4	37.4	37.5	37.4	37.3	37.3	37.3
50	43	44	44	43.5	44	45	45	45
21	15	12	9		13	17	20	25

36.9	36.4	36.5		37.4	37.1
49	54	53		44	47
26	40	50		59	33

37.4	37.3	37.4	37.4	37.3	37.2	37.2	37.2
48.8	44	45	44	44	45	46	46
MH	19	13	10		12	17	20
21						25	

36.8	36.6		36.8	36.9	37.0
50	52		50	49	48
30	50		50	45	34

36.9	37.2	37.1	37.2	37.2	37.2	37.1	37.0	37.2	37.5
49	46	47	46	46	46	47	48	46	43
24	16	14	11		12	16	20	31	50
									Est

36.7	36.7
51	51
36	50

Top Hyd Lt., 500' W. of W. B. Ave.

Sta + π - Elev.

941.59

17+73 Ent Lt.

✓

18

✓

+34 Ent Lt.

✓

± Nov. 21, 1966

11

81 52

36.7 36.7 36.8 36.9 37.0 36.9 36.9 36.9 36.7 36.9
 4.9 4.9 4.8 4.7 4.6 4.7 4.7 4.7 4.9 4.7
 27 17 14 10 12 15 17 20 23

36.7 36.8
 4.9 4.8
 40 50

37.8 37.5 37.4 37.1
 3.8 4.1 4.2 4.5
 40 50 43 32

36.8 36.4 36.6 36.6 36.8 36.9 36.8 36.7 36.7 36.6 37.1
 5.8 5.2 5.0 5.0 4.8 4.7 4.8 4.9 4.9 5.0 4.5
 30 23 16 15 11 13 15 17 21 25

36.0 36.4
 5.6 5.2
 38 50

37.9 37.7 37.9
 3.7 3.9 3.7
 62 33 27

37.3 36.9 36.7 36.5 36.6 36.8 36.7 36.6 36.5 36.7 37.6
 4.3 4.7 4.9 5.1 5.0 4.8 4.9 5.0 5.1 4.9 4.0
 43 30 21 15 12 11 15 19 22 27

37.5
 4.1
 50

37.94 37.7 37.6
 3.65 3.9 4.0
 40 50 38

Sta + π - Elev.

941.59

18+54

✓

19

✓

+04 Walk 33' RT 4.77 936.82

+30 Ent RT

✓

Nov. 21, 1966

11

81

53

36.0

35.7

36.4

36.4

36.5

36.7

36.7

36.5

36.5

36.6

36.4

56

59

52

52

51

4.9

4.9

5.1

5.1

5.0

4.2

4.2

24

21

16

14

10

14

16

22

30

50

36.1

36.8

5.5

4.8

34

50

35.9

35.6

36.2

36.2

36.3

36.4

36.3

36.2

36.2

36.4

36.9

57

60

54

54

53

52

53

54

54

5.2

4.7

4.7

33

23

16

13

11

12

15

20

26

31

36.9

4.7

50

37.2

4.4

50

35.6

35.4

36.0

36.0

36.1

36.1

36.1

36.1

36.2

36.5

36.5

60

62

56

56

55

5.5

5.5

5.5

5.5

5.4

5.1

33

23

16

13

10

11

15

21

31

36.6

5.0

50

37.0

4.6

50

36.9

4.7

44

Sta + π - Elev.

941.59

19+62

✓

+89

+96

T.P. 5.17 940.83 5.93 935.66 20 £

20

+15

+31 Walk 33' Rt 4.49

✓

FK
LPP
RW

Lt.

Nov. 21, 1966
Nov. 22, 1966 Rt

54

35.4 35.9 35.7 35.8 36.0 35.9 35.9 36.0 36.2 36.1
6.2 5.8 5.9 5.8 5.6 5.7 5.7 5.6 5.3 4.9
21 15 13 10 11 16 21 26 30

36.2 36.8 37.1
5.4 4.8 4.5
28 37 50

36.8 36.6
474 499
50 33
Walk

37.2 37.1 36.8 36.0 35.7 35.7 35.7 35.8 35.8 35.9 36.1 36.1
4.4 4.5 4.8 5.6 5.9 5.9 5.8 5.8 5.8 5.7 5.5 5.1
50 43 34 21 13 9 13 17 22 32 50

36.8 36.5 36.2 36.6 35.7 35.7 35.8 35.8 35.9 36.2 36.5
4.8 5.1 5.4 6.0 5.9 5.9 5.8 5.8 5.7 5.3 5.1
50 43 30 16 10 13 17 24 32 50

36.8 36.5 36.0 35.5 35.6 35.6 35.6 35.7 35.7 35.8 36.0 36.4
4.0 4.3 4.8 5.3 5.2 5.2 5.1 5.1 5.1 5.0 4.8 4.4
50 40 27 16 15 10 12 17 22 29 41 50

35.0 34.7 35.5 35.5 35.5 35.6 35.6 35.6 35.6 35.1 36.0
5.8 6.1 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.1 4.8
26 21 15 12 9 12 17 20 28 37 50

34.8 34.6 34.8
6.0 6.2 6.0
32 41 50

Sta + π - Elev.

940.83

20+40

✓

+60 Ent Rt & Lt.

+82

✓

+92 Walk 33' Rt 5.15

21

✓

Lt

Nov. 22, 1966

55

BT

35.0 35.1 35.2 35.2 35.5 35.6 35.6 35.33 35.1
 5.8 5.7 5.6 5.5 5.3 5.2 5.2 5.50 5.3
 18 15 12 9 13 17 20 23
 CB

34.1 34.2 34.2 33.8 36.4 35.6
 6.42 6.5 6.6 7.0 4.4 5.2
 23 33 41 50 50 30
 C.B.

35.6 35.4 35.4 35.3 35.4 35.6 35.7 35.6 35.8 35.7 35.9
 5.2 5.4 5.4 5.5 5.4 5.2 5.1 5.2 5.0 5.1 4.9
 50 30 16 13 9 13 17 22 37 50

34.4 35.4 35.4 35.5 35.70 35.7 35.7 35.7 35.6 35.1
 6.4 5.4 5.4 5.3 5.13 5.1 5.1 5.1 5.2 5.3
 24 15 12 9 for 14 17 20 25 31
 MH

33.9 34.0 34.0 36.2 35.8
 6.9 6.8 6.8 4.6 5.0
 30 44 50 50 35

34.3 35.2 35.2 35.5 35.68 35.8 35.7 35.7 35.4 35.3
 6.5 5.6 5.5 5.3 5.15 5.0 5.1 5.1 5.0 5.0
 20 15 12 9 14 17 21 25 32

33.6 33.9 34.1 36.3 36.3
 7.2 7.0 6.7 4.5 4.5
 27 37 50 50 37

Sta + π - Elev.

940.83

21+22

✓

+58

✓

22 Ent Rt.

✓

LT.

± Nov. 23, 1966

RT

56

^{34.1}	^{35.3}	^{35.5}	^{35.6}	^{35.8}	^{35.9}	^{36.8}	^{35.8}	^{35.8}	^{35.79}
6.7	5.5	5.3	5.2	5.0	4.9	5.0	5.0	5.0	5.04
19	14	11	9		14	17	22	29	37

Gen Exp.

^{33.31}	^{33.5}	^{33.8}	^{34.0}	^{36.08}
7.52	7.3	7.0	6.8	4.75
23	27	40	50	Ent
CB				50

^{34.8}	^{35.1}	^{35.1}	^{35.9}	^{36.2}	^{36.2}	^{36.1}	^{36.0}	^{36.0}
6.0	5.1	5.1	4.9	4.6	4.6	4.7	4.8	4.8
19	14	12	9		14	17	22	28

^{33.9}	^{33.8}	^{34.2}
6.9	7.0	6.6
27	39	50

^{36.47}	^{36.01}
4.36	4.82
50	33
Conc	Walt

^{35.3}	^{35.9}	^{36.4}	^{36.3}	^{36.4}	^{36.68}	^{36.5}	^{36.3}	^{36.4}	^{36.4}	^{36.8}
5.5	4.9	4.4	4.5	4.4	4.15	4.3	4.5	4.4	4.2	4.0
22	17	14	11	8		14	19	25	38	50

^{35.4}	^{35.5}
5.4	5.3
33	50

Sta + π - Elev.

940.83

22+29

✓

+70 Ent 14

TP 6.63 944.74 2.72 938.11 23.2

23

✓

+50

✓

21

2

RT

57

36.6 36.8 36.7 36.9 37.0 36.9 36.7 36.7 36.7
4.2 4.0 4.1 3.9 3.8 3.9 4.1 4.1 4.1
19 17 13 11 14 17 22 28

36.5 36.7 37.3
4.3 4.1 3.5
22 32 50

36.92 36.70
3.91 4.13
50 33
Cone Walk

37.8 37.4 38.4 37.7 37.4 37.5 37.6 37.5 37.4 37.2 38.0 38.0
1.0 1.4 2.4 3.1 3.4 3.3 3.2 3.3 3.4 3.3 2.8 2.8
50 43 30 22 14 10 14 18 23 38 50

39.3 38.7 38.0 38.0 38.0 38.1 38.0 38.0 37.9 40.0 39.8
5.4 6.0 6.7 6.7 6.7 6.3 6.7 6.7 6.8 4.7 4.9
32 25 16 13 10 14 17 22 26 37

40.3
4.4
50

40.0
4.7
50

39.6 39.2 39.0 39.3 39.6 39.3 39.2 39.0 39.1 39.6
5.1 5.5 5.7 5.4 5.1 5.4 5.5 5.7 5.6 5.1
22 17 16 10 15 17 19 21 24

40.4 40.6
4.3 4.1
32 50

41.0 40.7 40.7
3.7 4.0 4.0
50 40 28

Sta + π - Elev.

944.74

23+65

✓

+67 W.G.V 33' Lt. A.57

+80

✓

+91 Bit on Conc.

^{+00.44}
24+04 $\neq$ White Bear Ave.

BM

300

946.02

1.72

943.02

Top Hyd
NW. Cor
W.B.A

11

Nov. 22, 1966

RT

58

39.6	39.31	39.5	39.9	40.2	39.9	39.7	39.9
5.1	5.43	5.2	4.8	4.5	4.8	5.0	4.8
23	22	19	12		13	19	23

C.B.

40.2	40.4	40.6		41.2	41.0	40.9	40.1
4.5	4.3	4.1		3.4	3.7	3.8	4.6
31	43	50		50	42	32	27

40.0	40.4	40.7	40.7	40.80	40.2	40.4	40.3	40.2	40.5
4.7	4.3	4.0	4.0	3.94	4.1	4.3	4.4	4.3	4.2
40	31	20	11		13	24	30	43	50

40.2	39.7	39.8
4.5	5.0	4.9
43	47	50

Ditch line

41.3	41.3	41.3	41.2	41.1	41.1	41.0	41.0	40.9	40.9
3.4	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.8	3.8
50	43	31	20	9		16	27	39	50

41.8	41.7	41.6	41.5	41.4	41.2	41.2	41.1	41.0	40.9	40.8
2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
25	100	75	50	25		25	50	75	100	125

41.9	42.0	42.1		40.5	40.6	40.7
2.8	2.7	2.6		4.2	4.1	4.0
150	175	200		200	175	150

Sta + π - Elev.

946.02

24+10 Edge Bit over Conc.

BM 4.95 946.02 4.95 941.07 (941.07)

+18 Shoulder Line

+26

✓

+34

+66

✓

Nov. 22, 1966

RT 59

14

41.4	41.3	41.2	41.2	41.1	41.0	40.9
46	47	48	48	49	50	51
50	29	8		9	27	50

Iron Pin & WBA & Co. R. F.

41.0	40.9	40.8	41.0	41.1	41.0	40.5	40.5	40.3
50	51	51	50	49	50	55	55	57
50	33	29	17		16	32	35	50

40.4	39.33	40.6	41.0	41.1	40.8	40.76	40.5	40.6
56	669	54	50	49	52	526	55	54
26	22	17	12		12	18	26	29

C.B. MH

40.0	39.8		38.12	39.0	39.5	40.0
60	62		790	70	65	60
37	50		Inv. Culvert	50	47	37

40.8	41.0	40.9	39.6	40.7	40.9	41.2	40.8	40.7	40.7	40.6	40.7
25.0	5.1	64	53	51	48	52	53	53	54	53	
0	35	23	20	18	13		11	18	24	31	50

41.4	40.7	39.2	40.7	40.9	41.2	41.0	40.9	41.1	41.6	41.9
46	53	66	53	51	48	50	51	49	44	41
34	23	20	16	14		13	18	26	38	50

41.6	41.7
44	43
44	50

Sta + π - Elev.

946.02

25+00

+07 Ent Lt

+30

+60

+83

26

Nov. 22, 1966

Lt.

Rt

60

41.97 41.6 41.0 40.7 40.9 41.17 41.0 40.8 41.0 41.6 42.2
 4.05 44 50 53 5.1 4.85 5.0 5.2 5.0 4.4 3.8
 43 34 22 18 12 7 18 23 37 46
 Walk Walk

41.95 41.83 41.29 40.69
 4.07 4.19 4.73 5.33
 43 40 29 18
 Garage

42.0 41.0 40.9 39.7 40.8 40.9 41.2 41.0 40.8 41.1 41.8 42.2
 4.0 5.0 5.1 6.3 5.2 5.1 4.8 5.0 5.2 4.9 4.2 3.8
 50 31 24 19 16 13 10 18 24 36 49
 Bldg.

40.7 40.6 40.4 39.7 40.7 40.9 41.04 40.8 40.5 40.6 41.1 41.3
 5.3 5.4 5.6 6.3 5.3 5.1 4.98 5.2 5.5 5.4 4.9 4.7
 50 31 23 19 16 12 MH 10 19 26 36 50

40.8 40.7 40.4 39.7 40.7 40.9 41.1 40.9 40.6 40.5 40.6 40.9
 5.2 5.3 5.6 6.3 5.3 5.1 4.9 5.1 5.4 5.5 5.5 5.1
 50 32 23 19 16 12 6 11 19 31 50

41.2 41.1 41.0 39.7 40.9 41.0 41.1 40.7 40.5 40.2 40.5 41.0 41.2
 4.8 4.9 5.0 6.3 5.1 5.0 4.9 5.3 5.5 5.8 5.5 5.0 4.8
 35 23 19 17 12 10 13 19 26 41 50
 50

Sta + π - Elev.

946.02

26+09 Ent Lt

+37

+73 Ent. Rt.

27

T.P.

4.68

945.86

4.84

941.18

sta 27

±

+40

✓

Nov. 22, 1966

Lt.

RT

61

41.2

41.3

41.1

41.0

4.7 4.7 4.9 5.0
50 44 26 17

41.2

40.6

40.6

40.1

40.4

40.9

41.1

40.8

40.5

39.9

40.7

41.1

41.4

4.8 5.4 5.5 5.9 5.2 5.1 4.9 5.2 5.5 6.1 5.3 4.9 4.6
50 38 25 20 15 12 10 14 19 26 40 50

40.9

40.7

40.4

40.1

40.6

40.9

41.2

40.9

40.8

41.0

41.3

41.5

5.1 5.3 5.6 5.9 5.4 5.2 4.8 5.1 5.2 5.0 4.7 4.5
50 39 25 20 16 13 9 11 20 33 50

41.12

40.10

40.7

40.6

40.7

40.8

41.2

40.7

40.5

40.2

40.6

41.0

41.3

4.90 5.02 5.3 5.5 5.3 5.2 4.8 5.3 5.5 5.8 5.4 5.0 4.7
50 39 37 24 16 13 13 15 18 24 35 50

conc Eht

41.0

40.4

39.9

40.6

40.7

41.2

40.9

40.3

40.9

39.41

40.3

4.9 5.3 6.0 5.3 5.2 4.7 5.0 5.6 5.9 6.45 5.6
41 28 20 16 13 10 14 16 19 22

CB

41.2

41.94

41.6

41.4

41.2

4.7
50

39.2 4.3 4.5 4.7
Walk 50 41 27

Sta + π - Elev

945.86

27+65

✓

28 Ent Rt

+21 Ent Lt

+39

✓

Nov. 22, 1966

62

Lt.

Rt

40.5 39.9 40.7 40.7 41.2 40.9 40.7 40.7 40.6
5.4 6.0 5.2 5.2 4.7 5.0 5.2 5.4 5.6
25 20 16 14 10 13 16 20

40.6 40.7
5.3 5.2
38 50

41.4 41.1 40.8
4.5 4.8 5.1
50 33 24

40.9 40.5 39.7 40.7 40.8 41.2 40.9 40.9 41.0 41.1 41.2
5.0 5.4 6.2 5.2 5.1 4.7 5.0 5.0 4.9 4.8 4.7
50 28 21 16 13 11 18 24 38 50

40.95 40.79 40.9 40.9 41.3 40.9 40.7 40.9 40.2 40.2
4.91 5.07 5.0 5.0 4.6 5.0 5.2 5.9 5.7 5.6
50 32 20 13 11 15 21 32 50

Circ Ent

40.1 39.7 41.0 41.0 41.3 41.0 40.9 40.8 39.8 40.2
5.8 6.2 4.9 4.9 4.6 4.9 5.0 5.1 6.1 5.7
23 19 15 13 11 13 15 21 26

40.6 40.4 40.9
5.3 5.5 5.0
33 50 Between
Houses

40.2 40.2
5.6 5.7
50 39

Sta + π - Elev.

945.86

28 + 58 Ent Lt.

29

✓

+ 23

✓

+ 41 Ent Lt

± Nov. 23, 1966

RT 63

Lt.

41.59 41.39 41.1 40.9 41.1 41.4 40.9 40.8 40.1 40.4 40.4 40.5
 4.27 4.47 4.8 5.0 4.8 4.5 5.0 5.1 5.8 5.5 5.5 5.4
 50 41 35 19 14 14 16 20 26 42 50
 Conc.

40.4 41.1 41.2 41.4 41.6 41.2 41.0 40.8 39.5
 5.5 4.8 4.7 4.5 4.3 4.7 4.9 5.1 6.33
 20 15 13 11 11 13 15 CB
 19

41.1 41.3 41.7
 4.8 4.6 4.2
 27 42 50

40.7 40.6 40.1
 5.2 5.3 5.2
 50 40 24

40.6 41.1 41.4 41.5 41.6 41.2 41.0 41.0 40.2
 5.3 4.3 4.5 4.4 4.22 4.5 4.9 4.9 5.7
 21 15 13 10 11 13 14 18
 N.H.

41.3 41.4 41.6
 4.6 4.5 4.3
 25 41 50

41.7 41.6 40.7
 4.2 4.4 5.2
 50 38 24

41.34 41.3 41.2 41.4 41.4 41.4 41.1 41.0 40.4 41.0
 4.52 4.6 4.5 4.3 4.1 4.5 4.8 4.9 5.5 4.9
 33 21 15 11 11 14 16 19 24
 Conc.

42.33

41.5 41.4
 4.4 4.5
 50 37

3.53
 50
 Conc.

Sta + π - Elev.

945.86

29+73

✓

30

+50

BM 3.08 947.95 1.01 944.85 (944.87)

+71

✓

Nov. 22, 1966

11.

✓

RT

64

41.0

41.3

41.4

41.7

41.9

41.5

41.6

41.5

41.6

42.0

4.9	4.6	4.5	4.2	4.0	4.4	4.3	4.4	4.3	3.9
20	16	14	11		12	19	39	50	100

42.2

41.9

42.2

3.7	4.0	3.7
24	34	50

42.5

42.5

42.0

41.8

41.9

42.0

41.7

41.6

41.7

41.7

41.7

3.35	3.7	3.9	4.1	4.0	3.9	4.2	4.3	4.2	4.2	4.2
44	32	19	15	11		11	13	26	38	50

Comp Ent.

43.0

42.3

42.1

41.4

42.1

42.3

42.4

42.3

42.0

41.4

42.0

42.3

42.3

2.9	3.6	3.8	4.5	3.8	3.6	3.5	3.6	3.9	4.5	3.9	3.6	3.5
50	30	22	19	15	11		11	14	18	23	35	50

Top Hyd by Ho #

42.2

41.6

42.1

42.3

42.5

42.6

42.4

42.1

41.6

41.6

5.8	6.4	5.9	5.7	5.5	5.4	5.6	5.9	6.4	6.4
23	18	15	13	10		12	14	17	26

42.5

43.2

41.2

41.4

5.5	4.8
31	50

6.8	6.6
50	40

Sta + π - Elev.

947.95

30+87 Ent Rt.

✓

31 Ent Lt.

✓

+27

✓

Nov. 22, 1966

65

Lt.

Rt

41.8

42.3

42.4

42.6

42.7 ✓

42.5

42.3

42.1

42.0

6.2 5.7 5.6 5.4 5.3 5.5 5.7 5.9 6.0
20 16 13 11 10 13 17 25

42.5

43.0

43.2

41.9

42.0

5.5 5.0 4.7 6.1 6.0
23 35 50 50 38

42.9

42.4

42.6

42.7

42.8 ✓

42.6

42.4

42.1

41.8

5.1 5.4 5.4 5.3 5.2 5.4 5.6 5.9 6.2
27 18 15 12 13 14 19 29

43.6

41.8

41.9

4.4
50

6.2 6.1
50 41

42.0

42.8

42.8

42.9

43.0 ✓

42.7

42.5

42.80

42.39

6.0 5.2 5.2 5.1 5.0 5.3 5.5 5.45 5.56
17 15 13 10 10 17 25 36

41.9

43.0

43.4

43.8

42.4

6.1 5.0 4.6 4.2
20 25 34 50

5.6
50

Sta + π - Elev.

947.95

31+56

✓

32 Ent Rt. & Lt.

✓

+ 40

✓

Nov. 22, 1966 66

$\times 2.05$ 11. $\times 2.7$ $\times 2.9$ $\times 3.1$ $\times 3.0$ $\times 2.7$ $\times 2.4$ $\times 2.2$ $\times 2.97$
 590 53 51 49 50 53 56 58 698
 18 15 13 10 10 14 17 CB
 CB 19

$\times 2.6$ $\times 3.2$ $\times 3.8$ $\times 4.2$ $\times 2.2$ $\times 2.4$ $\times 2.5$ $\times 1.6$
 54 48 42 38 58 56 55 64
 22 25 38 50 50 36 23 19

$\times 3.2$ $\times 3.0$ $\times 3.0$ $\times 3.2$ $\times 3.30$ $\times 3.2$ $\times 3.0$ $\times 2.8$ $\times 2.7$
 48 50 50 48 4.65 48 50 52 53
 25 17 14 11 11 12 18 29

$\times 2.7$ $\times 4.2$ $\times 2.9$ $\times 2.9$ $\times 2.9$
 43 38 5.1 5.1 5.1
 35 50 90 50 42

$\times 2.6$ $\times 2.5$ $\times 3.4$ $\times 3.2$ $\times 3.4$ $\times 3.6$ $\times 3.1$ $\times 3.0$ $\times 2.7$ $\times 3.0$ $\times 3.2$
 55 55 46 47 46 44 49 50 53 50 48
 20 18 15 13 11 11 14 17 22 36

$\times 3.6$ $\times 4.0$ $\times 4.2$ $\times 4.1$ $\times 3.4$
 44 40 3.7 3.9 46
 26 38 50 H0 50

Sta + π - Elev.

947.95

32+77 Ent Lt.

✓

33

✓

+22 MHP

4.14 943.81

+40 Ent Rt

✓

TP

3.68 949.30 2.33 945.62

East
Boulder

Nov. 22, 1966

67

Lt.

Rt

✓

$\times 3.8$	$\times 3.6$	$\times 3.4$	$\times 3.5$	$\times 3.8$	$\times 3.4$	$\times 3.2$	$\times 2.8$	$\times 2.9$
4.2	4.4	4.6	4.5	4.2	4.6	4.8	5.2	5.1
35	25	17	13		11	13	17	22

$\times 4.0$	$\times 3.5$	$\times 3.1$
4.0	4.5	4.9
50	50	38

✓

$\times 2.4$	$\times 2.9$	$\times 3.6$	$\times 3.6$	$\times 3.9$	$\times 3.6$	$\times 3.5$	$\times 3.4$	$\times 3.0$
5.6	5.1	4.4	4.4	4.1	4.4	4.5	4.6	5.0
23	19	14	11		10	12	14	17

$\times 3.9$	$\times 4.6$	$\times 2.8$	$\times 2.3$	$\times 2.2$
4.1	3.4	4.2	4.7	4.7
33	50	50	26	23

$\times 3.0$	$\times 2.9$	$\times 3.6$	$\times 3.6$	$\times 3.9$	$\times 3.7$	$\times 3.6$	$\times 3.3$	$\times 2.4$
5.0	5.1	4.4	4.4	4.1	4.3	4.4	4.7	4.6
21	18	16	13		10	12	17	28

$\times 2.5$	$\times 4.2$	$\times 4.5$	$\times 2.7$
4.5	3.7	3.5	4.3
27	38	50	50

Sta + π - Elev.

949.30

33+63

✓

34

✓

+25

✓

Nov. 22, 1966

11.

RT.

68

43.9 43.7 43.5 43.6 43.8 43.7 43.5 43.4 43.1
5.4 5.6 5.8 5.7 5.5 5.6 5.8 5.9 6.2
35 19 14 11 10 13 15 18

44.3
5.0
50

44.1 43.9 43.8 43.3
5.2 5.4 5.5 6.0
50 38 28 21

43.0 43.1 43.2 43.7 43.9 43.7 43.5 43.4 43.1
6.3 5.8 5.7 5.6 5.4 5.6 5.8 5.9 6.2
20 16 13 11 10 12 14 18

43.6 43.8 44.4
5.7 5.5 4.9
24 33 50

44.4 44.1 43.7
4.9 5.2 5.6
50 39 25

43.6 43.2 43.5 43.8 44.0 43.7 43.6 43.9 44.1
5.7 6.1 5.8 5.5 5.3 5.6 5.7 5.36 5.14
22 19 16 13 11 15 23 38

conc Ent

43.9 44.2
5.4 5.0
35 50

44.40
4.90
50
conc

Sta + π - Elev.

949.30

34+50

✓

35

✓

+11 Ent Lt.

+33 Ent Rt & Lt

Nov. 23 1966

69

Lt.

Rt

$\Delta 3.6$ $\Delta 3.1$ $\Delta 3.8$ $\Delta 3.9$ $\Delta 4.1$ $\Delta 3.9$ $\Delta 3.7$ $\Delta 3.6$ $\Delta 3.5$
 5.7 6.2 5.5 5.4 5.2 5.4 5.6 5.7 5.8
 23 20 16 13 10 13 18 32

$\Delta 3.9$ $\Delta 4.0$ $\Delta 3.4$ $\Delta 3.5$
 5.4 5.3 3.9 5.8
 37 50 House 50

$\Delta 3.7$ $\Delta 3.2$ $\Delta 4.2$ $\Delta 4.1$ $\Delta 4.4$ $\Delta 4.2$ $\Delta 4.1$ $\Delta 3.9$ $\Delta 3.3$
 5.6 6.1 5.1 5.2 4.9 5.1 5.2 5.4 6.0
 24 20 16 13 9 11 14 18

$\Delta 4.1$ $\Delta 4.2$ $\Delta 3.2$ $\Delta 3.2$ $\Delta 3.5$
 5.2 5.1 6.0 6.1 5.8
 35 50 50 32 22

$\Delta 4.6$ $\Delta 4.5$ $\Delta 4.2$ $\Delta 4.2$
 4.7 4.8 5.1 5.1
 50 40 22 13

$\Delta 4.5$ $\Delta 4.3$ $\Delta 4.2$ $\Delta 4.0$ $\Delta 4.2$ $\Delta 4.4$ $\Delta 4.2$ $\Delta 3.9$ $\Delta 4.1$ $\Delta 4.4$
 4.8 5.0 5.1 5.3 5.1 4.9 5.0 5.4 5.2 4.9
 50 39 26 17 13 11 18 31 50

Sta + π - Elev

949.30

35+66

✓

36

✓

+50

✓

+58 Walk 32' Lt 5.00 443

Lt

Nov. 22, 1966

Rt. 70

44.0

43.0

44.1

44.1

44.3

44.1

44.0

43.8

43.7

53 63 52 52 50 52 53 55 56
24 20 15 12 12 14 17 25

44.4

44.6

4.9 4.7
34 50

44.7

44.1

43.8

4.6 5.2 5.5
House 50 39

43.8

42.9

44.0

44.0

44.3

44.1

44.0

43.8

43.7

55 64 53 53 50 52 53 55 56
24 21 16 13 12 14 18 27

44.1

44.4

5.2 4.9
35 50

43.8

43.5

43.6

5.5 5.8 5.8
Between Houses 50 43

43.8

43.2

44.0

44.1

44.2

44.1

44.0

44.0

44.5

55 60 53 52 50 52 53 53 4.8
24 20 15 13 11 14 17 26

44.1

44.5

5.2 4.8
38 50

44.7

44.7

4.6 4.6
50 38

44.52

4.78 5.00
50 32

Sta + π - Elev.

949.30

36+90

✓

BM 1.95 949.48 1.77 947.53 (947.53)

37

✓

+07 Gutter Line

+22 $\neq$ HAZEL

Nov. 22, 1966

71

Lt.

RI

43.4 43.7 44.1 44.4 44.6 44.8 44.2 44.4 44.1
 5.9 5.6 5.2 4.9 4.7 4.9 5.1 4.9 5.2
 19 16 14 12 11 16 17 28

44.1 44.2 44.4 44.5
 5.2 5.0 4.9 4.8
 24 38 50 50

Top Hyd N.W. Cor Hazel + Ca. Rd. 'F'

44.3 44.0 44.3 44.7 44.7 44.3 44.2 44.4 44.6 44.7
 5.2 5.5 5.2 4.8 4.8 5.0 5.2 5.1 4.9 4.8
 24 22 17 10 11 22 24 42 50

44.6 44.5 44.6
 4.9 5.0 4.9
 27 40 50

44.0 43.8 44.4 44.7 44.8 44.7 44.3 44.19 44.4
 5.5 5.6 5.1 4.8 4.7 4.8 5.0 5.2 5.1
 50 35 25 12 11 24 36 50
 CB

44.7 44.5 44.5 44.6 44.8 44.77 44.7 44.8 44.0 44.22 44.5
 4.8 5.0 5.0 4.9 4.7 4.71 4.8 4.7 4.5 4.25 4.1
 200 150 100 50 25 MH 25 50 100 150 200

Sta + π - Elev.

949.48

37+37 Gutter Line

+50

✓

38

BM 2.72 950.25 1.95 947.53

+19 Ent 11

+50

FK
LPD
RW

Lt.

± Nov. 22, 1966
± Nov 23, 1966 R1

72

43.9	43.90	44.4	44.8	44.9	44.9	44.2	44.02	44.2
5.6	5.58	5.1	4.7	4.6	4.7	5.2	5.45	5.2
50	36	24	11		10	26	37	50
CB								

43.67	44.0	44.5	44.7	44.8	44.7	44.5	43.90	44.5
5.81	5.5	5.0	4.8	4.7	4.8	5.0	5.58	5.0
CB	18	16	12		9	14	19	20
21								CB

44.3	43.8	43.7		45.0	44.7
5.2	5.7	5.8		4.5	4.8
24	34	50		50	34

45.1	44.7	44.1	43.5	44.2	44.4	44.7	44.6	44.6	44.5	45.0	45.5
4.4	4.8	5.4	6.0	5.2	5.1	4.8	4.9	4.9	5.0	4.5	4.0
50	31	24	19	15	12		12	14	18	25	50
Top Hyd N.W. Cor. Hazel & Co Rd "F"											

44.7	44.6	44.4	44.4	44.4	44.7	44.6	44.6	44.6	44.9	45.2	45.7
5.6	5.7	5.9	5.9	5.9	5.6	5.7	5.7	5.7	5.4	5.1	4.6
50	39	28	16	12		12	14	20	25	36	50

44.7	44.0	43.5	44.2	44.4	44.7	44.6	44.6	44.6	45.0	45.5	45.8
5.6	6.3	6.8	6.1	5.9	5.6	5.7	5.7	5.7	5.3	4.8	4.5
35	24	19	15	12		11	14	21	28	39	50

44.9
→ 5.4
50

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

950.25

39+00	Ent	Rt		
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+10	Ent	Lt		
-----	-----	----	--	--

+33	Ent	Lt		
-----	-----	----	--	--

+50				
-----	--	--	--	--

+86	Ent.	Rt.		
-----	------	-----	--	--

40				
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Nov. 23, 1966

73

1A

Rt.

44.6 44.5 44.4 43.7 44.2 44.5 ✓ 44.9 44.8 44.9 45.4 45.54 45.91
5.7 58.59 6.6 6.0 5.8 5.4 5.5 5.4 4.9 4.71 4.34
50 37 24 19 16 13 11 14 28 34 50
Conc Ent

44.7 44.7 44.6
5.6 5.6 5.7
50 45 24

44.87 44.71 44.58 44.6
5.38 5.54 5.67 5.7
50 37 24 20
Conc.

45.1 44.8 44.2 43.6 44.4 44.7 ✓ 45.0 44.9 45.0 45.2 45.8
5.2 5.5 6.1 6.8 5.9 5.6 5.3 5.4 5.3 5.1 4.5
50 41 25 19 15 12 12 16 30 50

45.0 45.4 45.6 45.9 45.90
5.3 4.9 4.7 4.4 4.35
15 28 43 50 Conc
Aperon

45.2 45.1 44.6 44.3 44.4 44.8 ✓ 45.1 44.9 45.0 45.0 45.4 45.1
5.1 5.2 5.7 6.0 5.9 5.5 5.2 5.4 5.3 5.3 4.9 4.7
39 25 19 17 13 11 15 27 39 50
50 Ent Lt

Sta + π - Elev.

950.25

40+25 Ent. Rt.

+50

+97 MH 2' Rt. 4.98 45.27

41 Ent. Rt. & Lt.

+50

+85 Ent. Rt.

42

14 £ Nov. 23, 1966 74

✓
 45.10 45.4 45.7 46.0 46.34
 5.3 4.9 4.6 4.3 3.91
 15 23 38 50 Volt

✓
 45.9 45.6 45.2 44.1 44.7 44.8 45.1 44.9 44.9 45.2 45.7 46.2
 4.4 4.7 5.1 6.2 5.6 5.5 5.2 5.4 5.4 5.1 4.6 4.1
 50 37 27 19 16 13 11 14 21 33 50

✓
 45.7 45.5 45.3 44.9 45.0 45.3 45.2 45.1 45.2 45.7 46.2
 4.6 4.8 5.0 5.4 5.3 5.0 5.1 5.2 5.1 4.6 4.0
 50 39 25 16 13 11 13 16 28 50

✓
 45.9 45.8 45.3 44.5 44.9 45.0 45.4 45.2 45.2 45.5 45.9 46.5
 4.4 4.5 5.0 5.8 5.4 5.3 4.9 5.1 5.1 4.8 4.4 3.8
 50 42 26 19 15 13 11 13 24 37 50

45.2 46.10 46.8
 5.1 4.15 3.5
 13 29 50

✓
 46.1 45.8 45.5 44.3 45.2 45.2 45.6 45.3 45.2 45.5 45.8 46.8
 4.2 4.5 4.8 6.0 5.1 5.1 4.7 5.0 5.1 4.8 4.5 3.5
 38 25 19 15 13 12 14 18 30 50
 50

Sta	+	π	-	Elev.
		950.25		
42+18	Ent	Lt		
+50				
+63	Ent.	Rt.		
43				
B.M	1.96	950.25	1.96	948.29 (948.29)
+34	Ent	Rt + Lt		
+74				

Nov. 23, 1966

75

Lt.

BT

45.9 45.8 45.5
4.4 4.5 4.8
50 34 19

46.1 45.9 45.3 44.6 45.4 45.6 45.9 45.1 45.5 45.8 45.7 46.2 46.1
42 45 50 57 49 47 44 47 48 45 46 40 35
50 40 28 20 15 12 12 16 18 30 38 50

45.8 46.3 46.8
4.5 4.0 3.5
17 31 50

46.3 46.0 45.8 45.7 46.0 46.0 45.9 46.0 46.8 47.0
4.0 4.3 4.5 4.6 4.3 4.3 4.4 4.3 3.5 3.3
50 33 20 13 12 16 31 44 50
Top Hyd Lt. Sta 44+21 by Ho. #

46.49 46.21 45.92 45.16 45.7 45.9 46.10 46.1 46.0 46.2 46.6 47.2
4.04 4.43 4.7 4.6 4.4 4.15 4.2 4.3 4.1 3.7 3.1
50 40 33 26 18 12 10 14 22 34 50
Conc

45.1 44.93 45.7 46.0 46.1 46.0 46.0 46.0 45.78
52 542 46 43 4.2 4.3 4.3 4.3 4.47
22 19 15 12 11 16 22 23
CB CB

45.8 46.5
4.5 3.8
33 50

47.1 46.6 46.2
3.2 3.7 4.1
50 35 24

Sta + x - Elev.

950.25

44+00

+23 Ent. Rt. & Lt.

+50

45

+14 Ent. Rt. & Lt.

+23 Walk 34' Lt. 2.55 47.70

+50

TP 4.65 951.78 3.12 947.13 Sta 46 &

£ Nov. 23, 1966

76

Lt

Rt

46.3 45.9 45.3 45.1 45.9 46.0 46.2 46.1 46.1 46.3 46.7 46.9
 40 44 50 52 44 43 4.04 4.2 4.2 40 36 34
 50 34 26 18 15 13 11 16 27 38 50

46.9 46.6 46.4 46.1 46.2 46.22 46.1 46.0 46.6 47.0 47.6
 3.4 3.7 3.9 4.2 4.1 4.03 4.2 4.3 3.7 3.3 2.7
 58 35 20 15 12 NH 11 15 27 38 50

47.1 46.8 46.4 46.0 46.1 46.2 46.4 46.2 46.2 46.2 46.7 47.8
 3.2 3.5 3.9 5.3 4.2 4.1 3.9 4.1 4.1 4.1 3.6 2.5
 50 34 24 19 14 11 10 16 20 31 50

47.5 47.2 47.0 46.6 46.8 46.1 46.3 46.7 46.4 46.5 46.7 47.1 47.8
 2.8 3.1 3.3 4.7 4.5 4.2 4.0 3.6 3.9 3.8 3.6 3.2 2.5
 50 32 26 21 19 17 13 11 13 25 37 50

47.7 47.4 47.1 46.7 46.5 46.8 46.6 46.6 47.1 47.3 47.8
 2.6 2.9 3.2 3.6 3.8 3.5 3.7 3.7 3.2 3.0 2.5
 50 38 26 16 12 11 16 28 39 50

48.5 47.6 47.0 46.0 46.5 46.7 47.0 46.8 46.8 47.0 47.8
 1.8 2.7 3.3 4.3 3.8 3.6 3.3 3.5 3.5 3.3 2.5
 50 33 25 19 16 12 11 16 29 50

Sta + π - Elev

951.78

45+71

46 Ent. Rt.

+39

+59

✓

+87 Ent. Lt.

14

Nov. 23, 1966

RT

77

48.2 47.8 47.1 46.0 46.6 46.7 47.1 46.8 46.9 46.8 46.6 47.0 47.7
 3.6 4.0 4.2 5.8 5.2 5.1 4.7 5.0 4.9 5.0 5.2 4.8 4.6
 50 32 25 20 16 13 11 16 27 32 42 50

48.2 48.3 47.7 46.1 46.6 46.9 47.2 46.9 46.9 47.4 47.8 48.2
 3.5 3.5 4.1 5.7 5.2 4.9 4.6 4.9 4.9 4.4 4.0 3.5
 50 37 27 20 17 13 11 15 28 40 50

48.59 48.23 47.9 46.9 47.0 47.1 47.3 47.0 46.9 47.2 47.3 47.5 48.3
 3.19 3.55 3.9 4.9 4.8 4.7 4.5 4.8 4.9 4.6 4.5 4.3 3.5
 50 30 27 21 18 13 11 13 17 25 34 50
 Conc Walk

48.2 47.7 47.8 47.2 47.2 47.2 47.1 47.3 47.3 47.1 46.6
 3.6 4.1 4.4 4.6 4.6 4.5 4.7 4.5 4.5 4.7 5.2
 50 31 20 14 12 10 17 24 29 31

47.1 47.0 46.9
 4.7 4.8 4.9
 Between 50 42
 Houses Ditch?

48.94 48.32 48.01 47.7 47.3
 284 346 377 4.1 4.5
 50 36 32 26 15
 Conc

Sta + π - Elev

951.78

47+00

✓

+32

✓

+50

+65 Conc Ent 33' RT 3.37 48.41

+72 " "

+96 M.H. 1' RT 4.04

Nov. 23, 1966

78

Lt.

Rt

47.8 47.0 46.9 47.2 47.2 47.4 47.3 47.2 47.3 47.4 47.7 47.9
 40 4.8 4.9 4.6 4.6 4.4 4.5 4.6 4.5 4.4 4.1 3.9
 23 20 19 17 12 11 13 17 28 32 50

48.4

49.2

→ 3.4 2.6
 36 50

47.7 46.5 46.6 47.2 47.2 47.5 47.3 47.2 47.2 47.3 47.4 47.9 47.9
 4.1 5.3 5.2 4.6 4.6 4.3 4.5 4.6 4.6 4.3 4.2 4.2 4.2
 25 21 19 16 12 11 16 27 34 50

Conc Ent

48.6

49.4

→ 3.2 2.4
 38 50

47.8 47.2 46.4 47.2 47.3 47.6 47.4 47.4 47.4 46.0 46.4 46.4
 4.0 4.5 5.4 4.5 4.5 4.2 4.4 4.4 4.4 3.8 3.4 3.0
 38 27 21 15 12 10 14 17 27 39

48.4

3.4
 50

48.8

3.0
 50

48.52

49.07

49.42

3.26 2.71 2.36
 33 43 50

Sta + π - Elev.

951.78

48+00

+29 Ent. Lt.

+50 Ent. Rt. & Lt.

+75 Walk Lt + 32' 3.68 48.10

+75 House Left 2.95 48.83

49

+33 Ent Lt. (Dirt)

+50

TP 7.83 956.13 3.48 948.30

Lt.

Nov. 23, 1966

Rt

79

48.7	48.0	46.5	47.4	47.5	47.8	47.6	47.5	48.0	48.6	49.5
3.1	3.8	5.3	4.4	4.3	4.0	4.2	4.3	3.8	3.2	2.3
50	31	22	16	12		11	16	28	32	50

48.4	47.9	47.7
3.4	3.9	4.1
50	35	22

48.1	47.8	47.8	48.0	48.3	47.9	47.9	48.4	48.6	48.7	49.1
3.7	4.0	4.0	3.8	3.5	3.9	3.9	3.4	3.2	3.1	2.6
50	33	21	13		14	17	29	42	50	Ganz

48.5	48.2	47.8	46.7	48.5	48.6	48.9	48.5	48.4	48.7	49.1	49.3	49.7
3.3	3.5	4.0	5.1	3.3	3.2	2.9	3.3	3.4	3.1	2.7	2.5	2.1
50	38	29	23	16	12		14	17	20	27	39	50

49.5	49.3	49.1	49.1	49.3	48.9	48.8	49.2	49.9	50.7
2.3	2.5	2.7	2.7	2.5	2.9	3.0	2.6	1.9	1.1
50	30	17	12		14	16	23	31	50

49.4	47.9	47.8	49.3	49.4	49.6	49.2	49.0	49.4	50.2	51.3
2.4	3.9	4.0	2.5	2.4	2.2	2.6	2.8	2.4	1.6	0.5
50	30	22	16	11		14	17	22	31	50

Sta + π - Elev.

956.13

50

BM

3.64 952.49 (952.49)

+09 P.L.

+25

✓

+30 Gutter Rt

+45

Nov. 23, 1966

80

Lt.

RT

^{48.7} 74 ^{48.7} 74 ^{49.1} 70 ^{50.2} 59 ^{50.2} 59 ^{50.4} 5.7 ^{50.0} 6.1 ^{49.2} 6.9 ^{49.4} 6.7 ^{49.9} 6.2 ^{50.2} 5.8 ^{50.1} 5.5
 50 33 23 16 11 14 20 22 27 33 50

^{50.1} 5.0 ^{50.2} 5.9 ^{50.4} 5.7 ^{50.6} 5.5 ^{50.11} 5.3 ^{50.3} 5.02 ^{50.2} 5.8 ^{50.0} 5.6 ^{50.15} 6.1 ^{49.7} 6.98 ^{50.3} 6.4 ^{50.5} 5.8 ^{50.1} 5.6
 0 39 26 22 14 15 24 25 31 50
 CB

^{50.70} 5.43 ^{50.24} 5.89 ^{50.22} 5.91 ^{50.6} 5.5 ^{50.8} 5.3 ^{50.6} 5.6 ^{50.0} 6.1 ^{49.85} 6.28 ^{50.1} 6.0 ^{50.7} 5.4
C G 34 18 13 24 35 39 50
 37

^{50.21} 5.92 ^{50.68} 5.45 ^{50.02} 6.11 ^{50.50} 5.63
G C G C
 50 89

^{50.4} 5.7 ^{50.5} 5.6 ^{50.7} 5.4 ^{50.8} 5.3 ^{50.5} 5.6 ^{50.0} 6.1 ^{50.0} 6.1 ^{50.1} 6.0 ^{50.3} 5.8
 50 34 17 13 25 41 50 72

^{50.7} 5.4 ^{50.83} 5.30 ^{50.8} 5.3 ^{51.1} 5.0 ^{50.70} 5.43 ^{50.7} 5.4 ^{50.2} 5.8 ^{50.4} 5.7 ^{50.8} 5.3 ^{50.9} 5.2
 36 23 18 £ 16 32 50 100 150
 MH MH only

^{50.6} 5.5 ^{50.2} 5.9 ^{50.1} 6.0 ^{49.9} 6.2
 50 100 150 200

^{50.9} 5.2
 200

Sta	+	π	-	Elev.
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		956.13		
--	--	--------	--	--

50+60				
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+60				
-----	--	--	--	--

✓				
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+71	MH 19 Lt.		5.17	
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+81				
-----	--	--	--	--

51				
----	--	--	--	--

+50				
-----	--	--	--	--

Lt

± Nov. 23, 1966 Rt 81

50.4	50.4	50.6	50.88	✓ 51.3	51.1	50.6	50.19	50.3	50.4
5.7	5.7	5.5	5.25	4.8	5.0	5.5	5.94	5.8	5.1
50	44	28	14	11	25	34	50	72	
			MH				CB		

50.74	50.26	50.3	50.9	51.3	51.3	50.6	50.7	51.1	51.3
5.39	5.87	5.8	5.2	4.8	4.8	5.5	5.4	5.0	4.8
G	G	33	16	9	23	27	36	50	
38									

50.21	50.70	49.97	50.44
5.92	5.43	6.16	5.69
G	C	G	C
50		100	

51.9	51.8	51.3	51.42	50.83	51.2	51.5	51.3	50.96	51.5	51.7	51.7
4.24	4.34	4.8	4.71	5.30	4.9	4.6	4.8	5.17	4.6	4.4	4.42
50	35	26	Curb	22	13		10	15	18	24	37
			22					CB			

52.4	51.8	51.1	51.4	51.5	✓ 51.9	51.7	51.4	52.0	52.2	52.5
3.7	4.3	5.0	4.7	4.6	4.2	4.4	4.7	4.1	3.8	3.6
50	31	19	17	12		10	15	17	30	50

52.4	51.8	51.2	51.7	52.1	✓ 52.4	52.3	52.2	52.5	52.3	53.1	53.4
3.7	4.3	4.9	4.4	4.0	3.7	3.8	3.9	3.6	3.6	3.0	2.7
50	31	22	16	15		11	15	17	29	43	50

Sta + Δ - Elev

956.13

51+78 Ent. Rt. & Lt.

52

+50

2.3

538

53

1.4

547

+50

0.6

555

BM

3.64 952.49

952.49

Lt

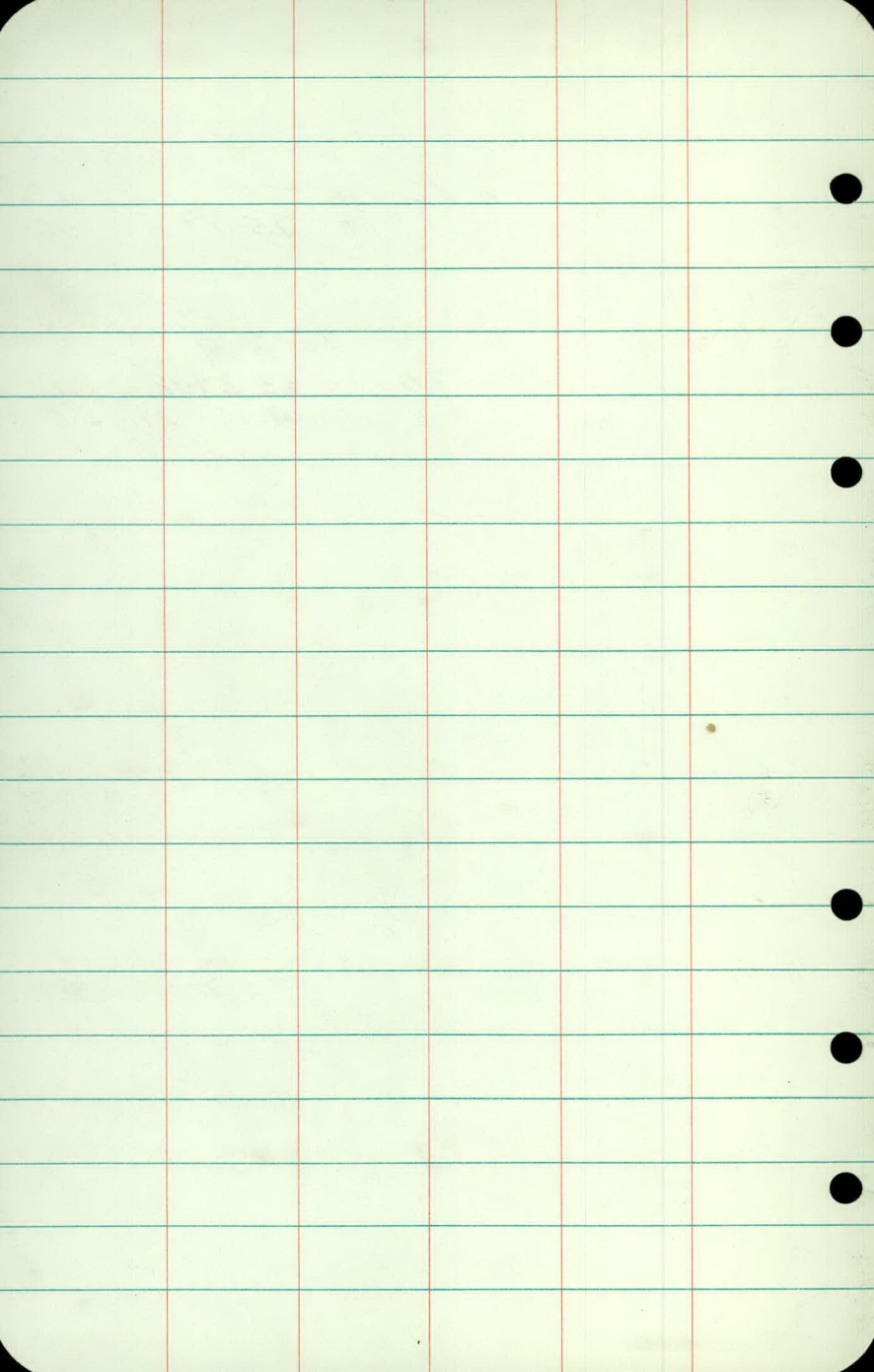
Nov. 23, 1966
RT

82

52.2	52.3	52.6	52.5	52.8	52.7	52.5	52.8	52.4	52.9
3.5	3.8	3.5	3.6	3.3	3.4	3.6	3.3	2.7	2.2
50	38	20	15		10	15	17	29	50

52.1	52.2	51.8	51.6	52.4	52.8	52.1	52.9	52.8	53.2	53.4	54.5
3.0	3.6	4.3	4.5	3.7	3.3	3.0	3.2	3.3	2.9	2.5	1.6
50	41	30	21	16	15		10	14	17	31	50

Top Hyd. N.W. Cor. McKnight & "F"



x-sections

White Bear Ave.

Sta + π - Elev.

B.M. 4.92 945.99 (941.07)

0+00

✓

+46 Inv 18"CM 8.38

+50 Ent Rt

✓

+72 Inv. 18"CM. 7.91

+78 Inv 30"Span CM 8.00

1

✓

+17 Inv. 30"Span CM 7.88

Lt.

Nov. 30, 1966

84

St.

Rt.

X

Top Iron Sec. Cor. White Bear Ave & Co Rd "F"

38.6	39.9	40.2	40.4	40.6	40.4	40.2	40.0	38.5	38.1
74	61	58	56	54	56	58	60	74.5	79
22	18	15	10		10	13	16	21	23

MM

38.3	38.3	37.9
77	77	81
26	41	50

40.8	40.5	38.1
52	55	79
50	38	27

39.3	39.9	40.2	40.3	40.7	40.6	40.3	40.3	40.6	40.5
67	61	58	55	53	54	57	57	54	55
27	21	16	10		11	13	16	18	26

39.5	39.3
65	67
34	50

41.4	40.8	40.1
464	52	53
Garage	50	37

40.0	40.4	40.6	40.8	40.9	40.8	40.6	40.6	41.0
60	56	54	52	51	52	54	54	50
28	20	18	10		10	16	21	29

40.5	40.6
55	55
39	50

42.3	41.6	41.3
3.63	4.4	4.7
Walk	50	40
Bldg		

Sta + π - Elev.

945.99

1 + 50

✓

2 + 50

✓

3

✓

Lt.

✓ Nov. 30, 1966

85

RT

e

^{40.8}	^{40.5}	^{40.8}	^{40.9}	^{41.1}	^{41.0}	^{40.6}	^{40.4}	^{39.2}
5.2	5.5	5.2	5.1	4.9	5.0	5.4	5.6	6.8
32	22	13	10		10	12	17	21

^{41.3}	^{41.0}
4.7	5.0
40	50

^{41.5}	^{41.1}	^{40.9}	^{39.2}
4.5	4.9	5.1	6.8
50	36	31	26

Parking

^{40.2}	^{39.8}	^{40.5}	^{40.6}	^{41.4}	^{41.6}	^{41.3}	^{41.2}	^{41.1}	^{39.8}	^{40.7}
5.8	6.2	5.5	5.4	4.6	4.4	4.7	4.8	4.9	6.2	5.3
29	22	19	17	11		11	16	18	24	33

^{40.8}	^{40.7}
5.2	5.3
40	50

^{41.4}
4.6
50

^{39.8}	^{41.0}	^{41.3}	^{41.6}	^{41.8}	^{41.5}	^{41.5}	^{40.1}	^{42.0}	^{41.7}
6.2	5.0	4.7	4.4	4.2	4.5	4.5	5.9	4.0	4.3
21	16	14	10		11	17	23	35	50

^{40.8}	^{40.8}
5.2	5.2
30	50

Sta + π - Elev.

945.99

3 + 50

3 + 38 Inv. 18" CM. 6.1

+ 89 Inv. 18" CM. 5.23

4

B.M.

2.97 943.02 (943.02)

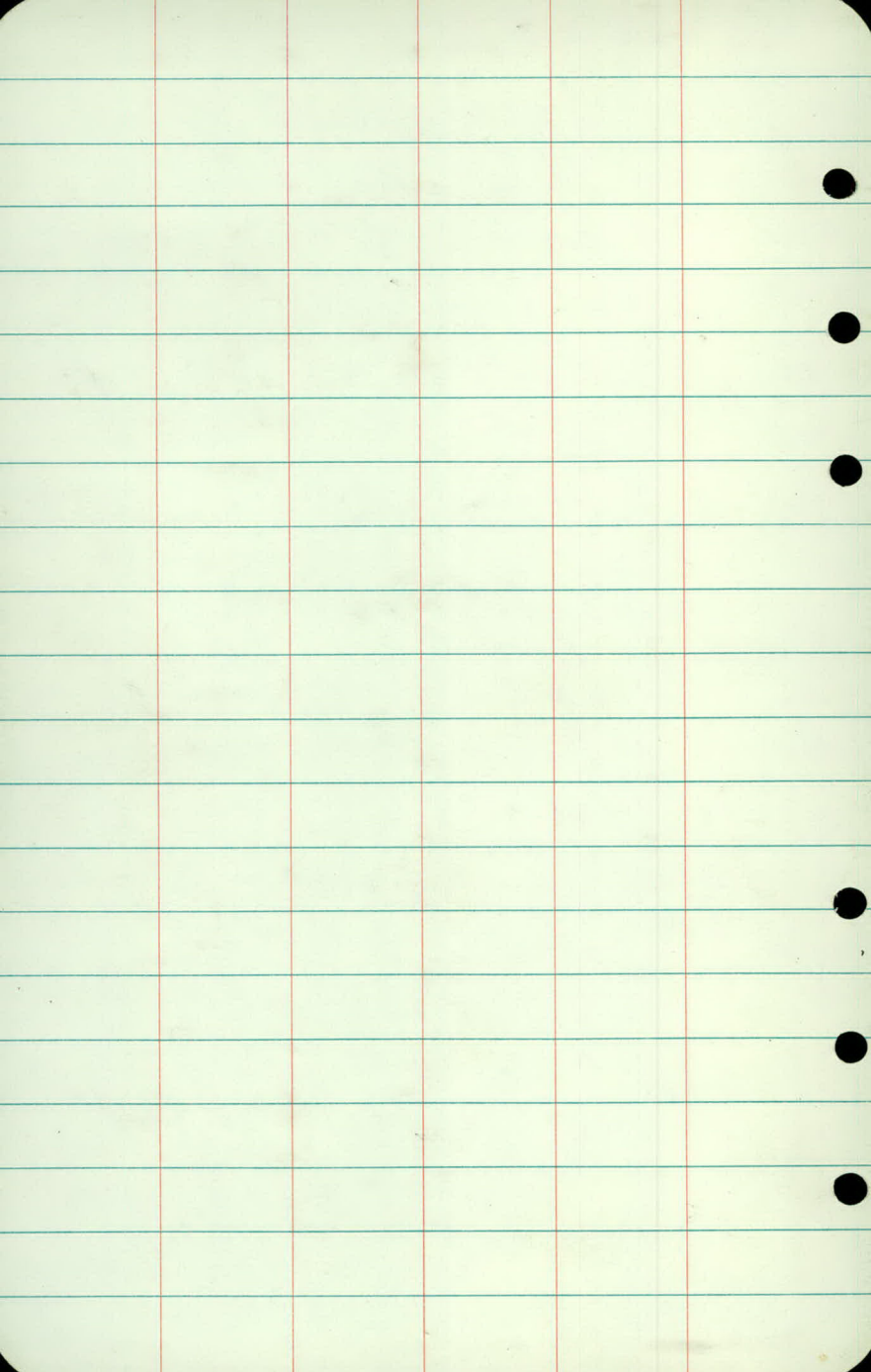
Lt.

Nov. 30, 1966 86
~~LT~~ Rt 5

40.9	40.7	40.2	41.6	41.8	42.0	41.8	41.8	41.9	42.1
51	53	58	44	42	40	42	42	41	39
50	36	23	15	10		10	18	32	50

40.6	41.0	41.0	40.4	41.9	42.1	42.3	42.0	41.9	41.9	41.8
52	50	50	56	41	39	37	40	41	41	42
50	40	28	21	15	10		10	15	28	50

Top Hyd. N. W. Cor White Bear Ave & "F"



Co Rd "F"

additional X sec. (12-12-64)

Sta	+	π	-	Elev.
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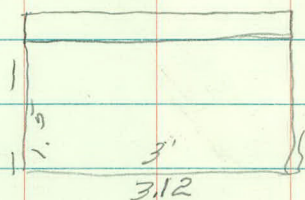
TP	4.05	943.38		939.33
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14+39

T.P.	4.85	943.17	5.06	938.32
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15+08

TP		5.87	937.30	937.25
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NEENAH Foundry

Bee Hive R-2560-D1

FK
FS
HG

Dec. 12, 1964
Clear 13°

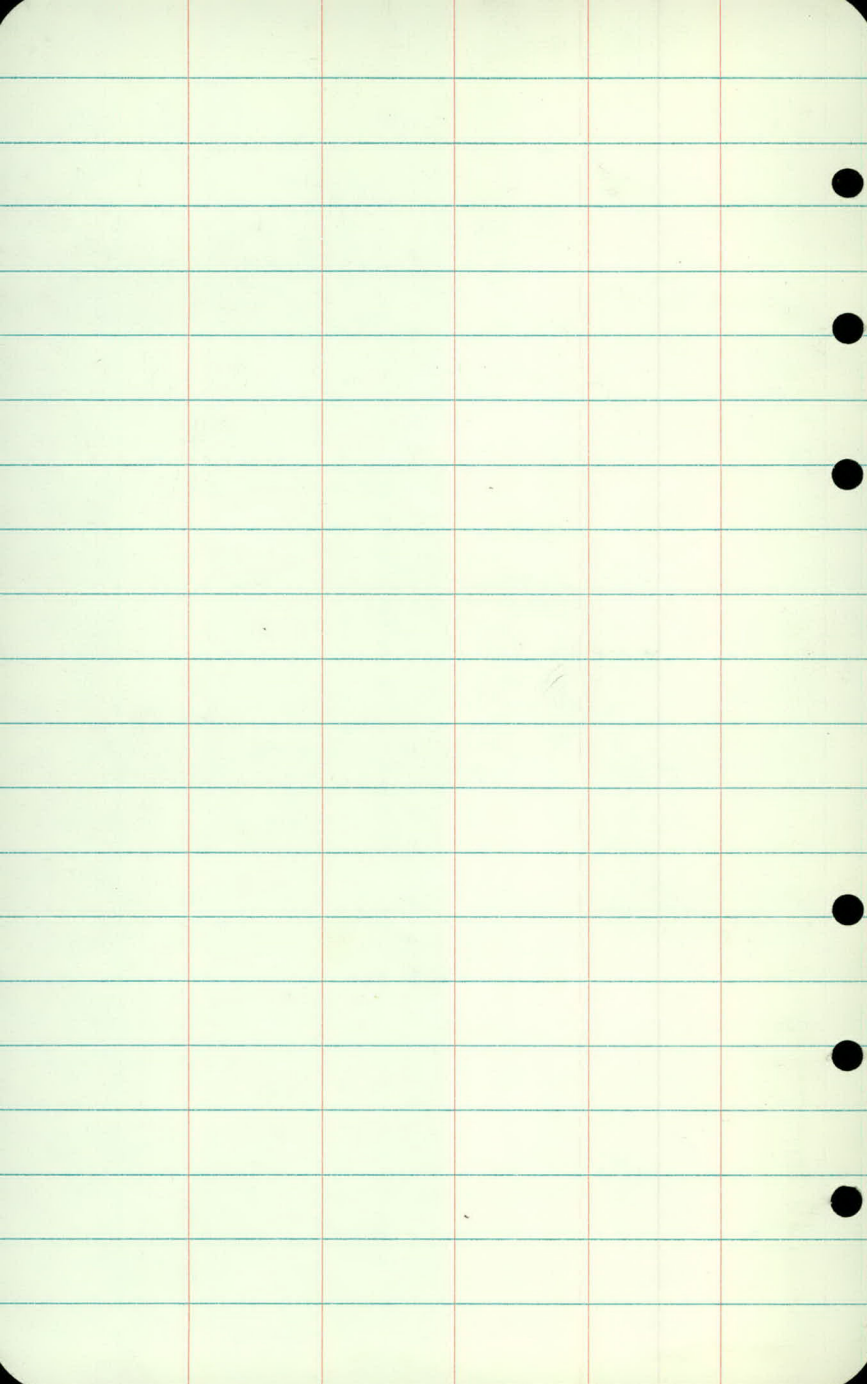
88

Rim M.H. 1' Lt Sta 13+84

37.31	37.87	37.97	37.77	37.07	36.77	36.77	36.77	36.77	35.97
5.8	5.3	5.2	5.4	6.1	6.4	6.4	6.4	7.2	7.0
65	83	100	114	128	142	150	170	200	250

36.97	37.47	36.97	36.87	36.77	36.17	35.77	35.67	37.22
6.2	5.7	6.2	6.3	6.4	7.0	7.4	7.5	5.95
60	72	85	100	123	150	172	200	Garage
								14+95
								1400 R.

Top 12" CM 20' Lt Sta 16+10 (W. End)



11-28-66

89

Co Rd "F"

Telephone Conduit Location

Rec. 11-28-66

Sta Location

12+54 11' Rt

13+25 Rt 12'

14 12' Rt.

15 13' Rt

16 12' Rt.

17 13' Rt

18 13' Rt

19 13

20 18

21 17

Nov. 28, 1966

90

Sta

Location

22+16

14' Rt

22+50

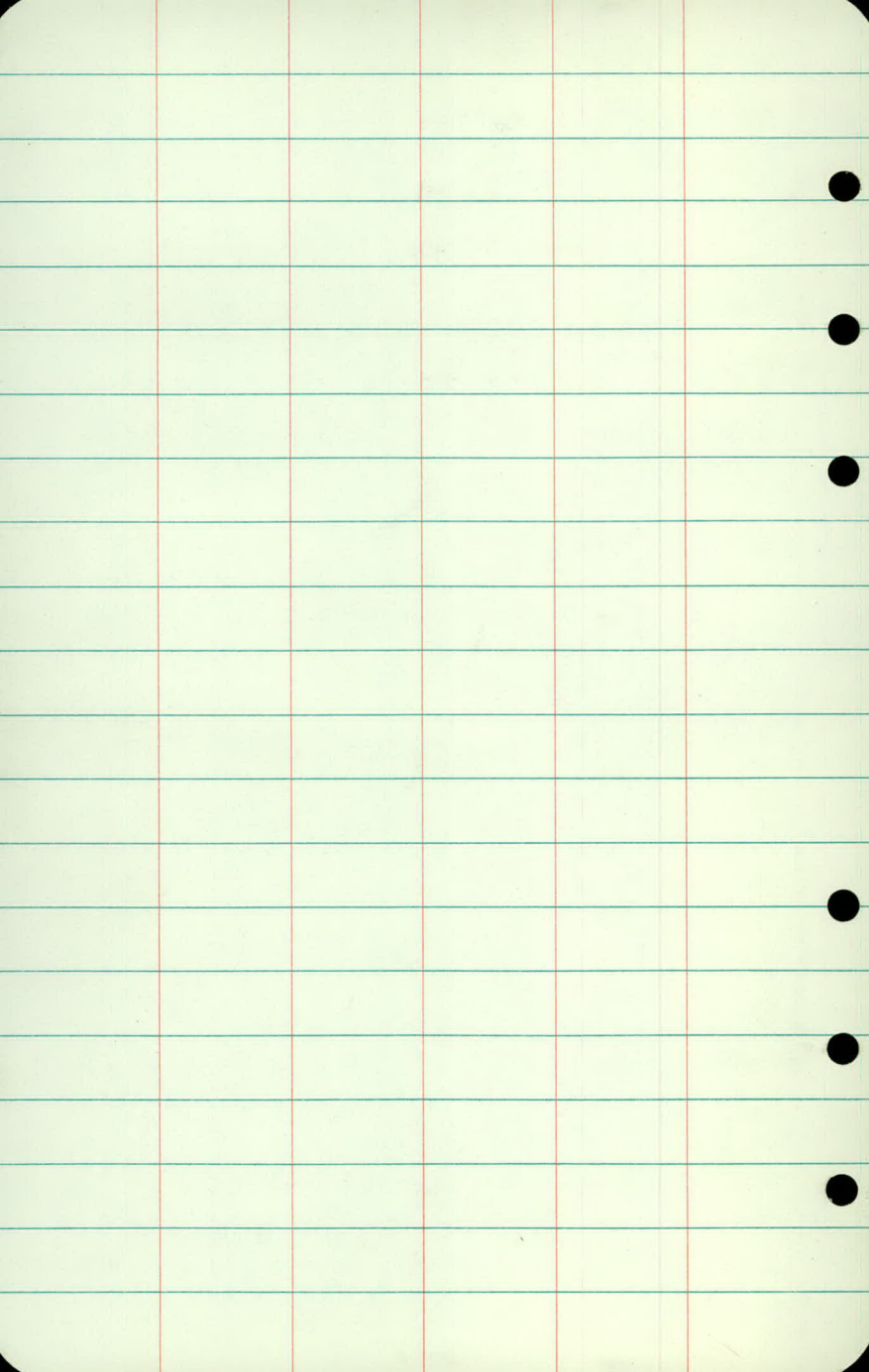
22+ 14 Rt

22+87

13' Rt

23+37

14' Rt



Co Rd "F"

Profile ditch North
along T.H. #61

Sta	+	π	-	Elev.
B.M.	4.10	935.63		931.53
0+00				(924.65) PREVIOUS SURVY
N End Apron			11.00	924.63
+02			9.1	26.5
+21			9.7	25.9
+50			10.2	25.4
1			11.2	24.4
+50			11.4	24.2
2			10.6	25.0
+50			10.1	25.5
3			9.8	25.8
+50			10.5	25.1
4			10.6	25.0
			10.8	24.8
5			10.1	25.5
+43			11.2	24.4
+45			10.6	25.0
+50			10.6	25.0
6			11.9	23.7
+10 Lake			12.0	23.6