

BK.51

Dr. 12A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

Radatz Ave.

From W. Line Sec. 2 To E. Line Sec. 2

Road Acc't. No.

Date Filed 7-28-47

File

PLAN SURVEY

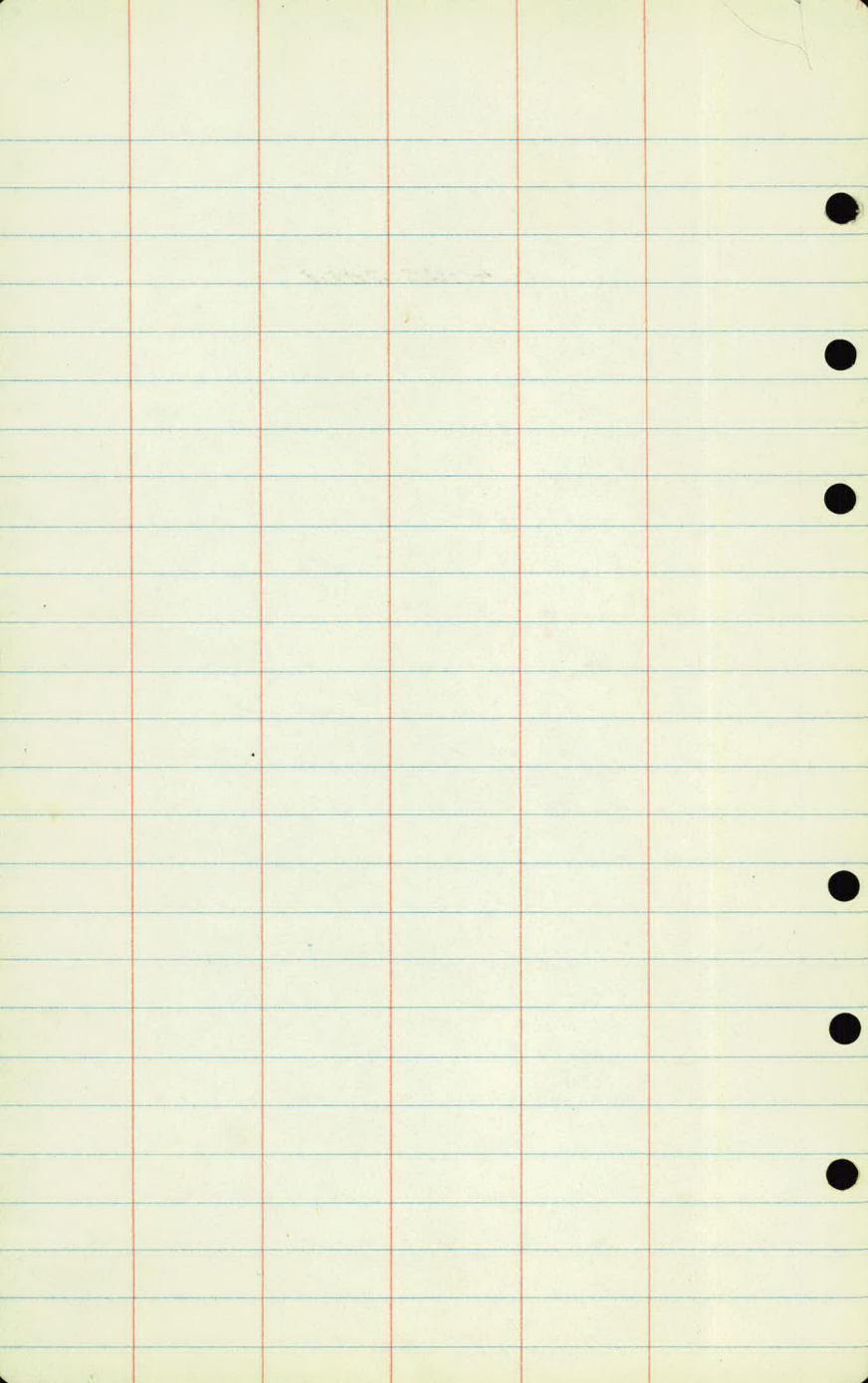
RADATZ AVE.

W. Line Sec 2 to E. Line Sec 2

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Align	1-3
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Rec 5/9/47

Rec 7/22/47
(last half)
Drawn up 6/47



1
Alignment

Sta Point L Lt L Rt

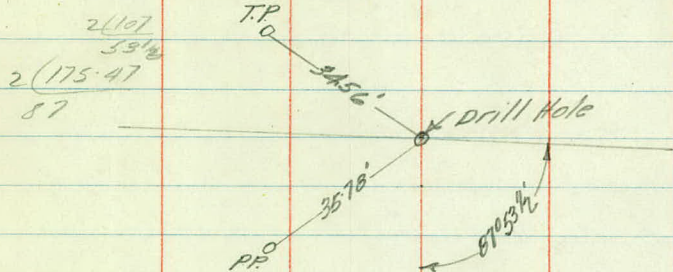
19 +0103 P.O.T = E White Bear Ave.

14+0243 P.O.T.

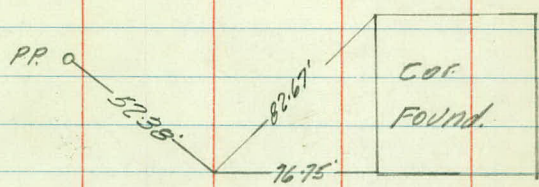
0 +00

K.A. 5-7-41
A.M.
N.B.

2



3.16
72
2.43

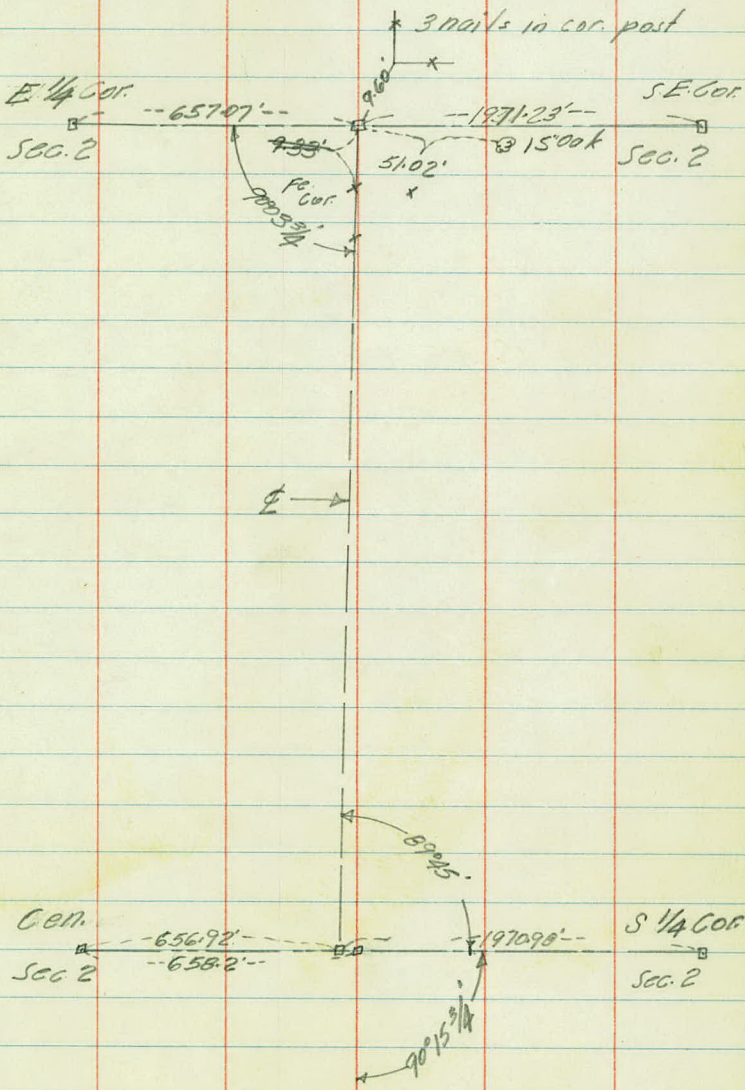


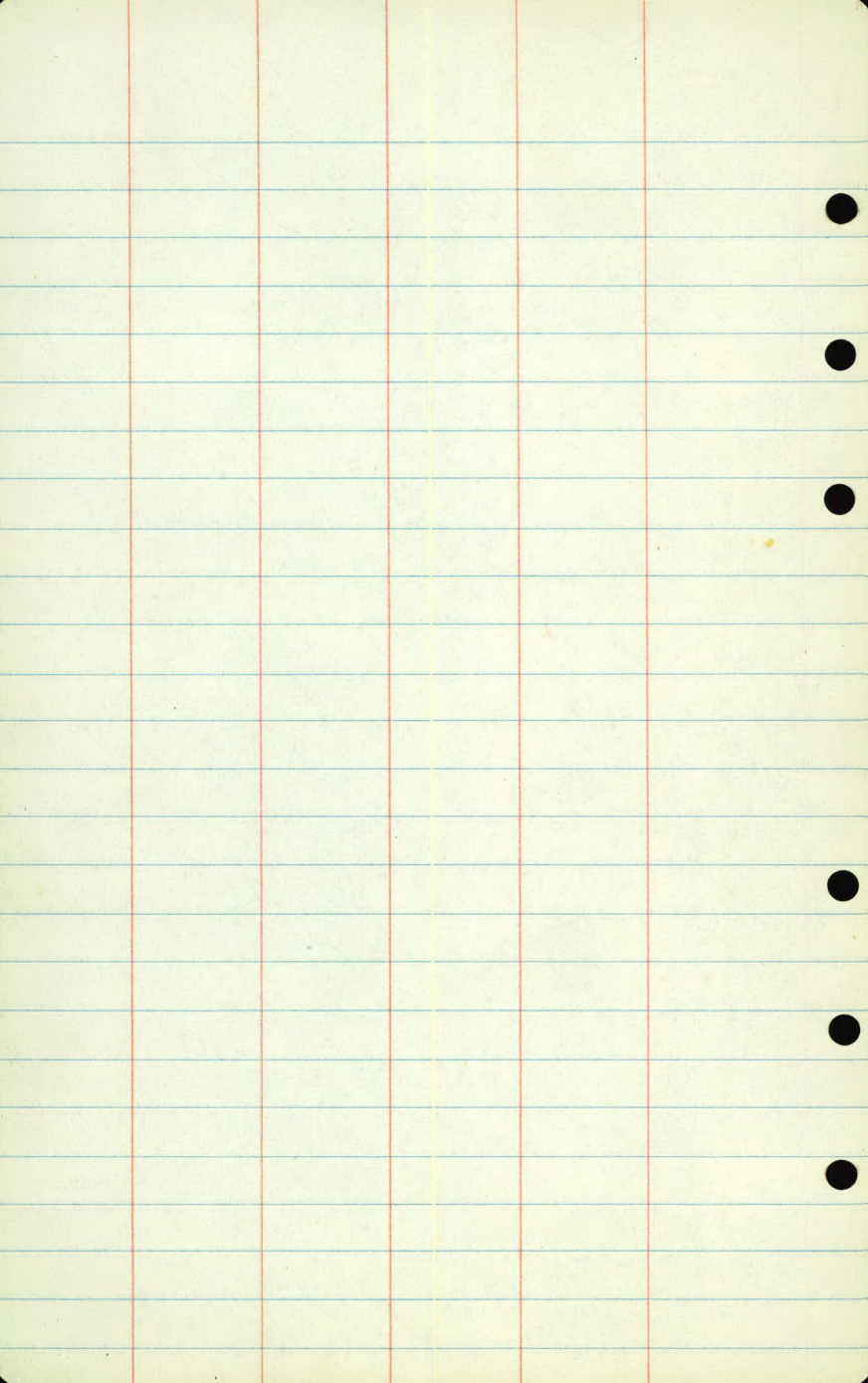
W 1/4 COR.
Sec. 2 - 658.2' - 2" X 2" Hub

Sta Point L Lt L Rt

52+57.72

26+30.60 P1 Offset in line





Topography

5

4

Trail G'

3

Trail B'

2

Trail B

1

0

Lowland

Lowland

Hay

Meadow

5
4
3
2
1
0

#85- E Ditch-150'

#50-Ditch-65'

#60-Fc. Cor-33'

12 #17-End ^{24"x7} 24"CM-B'

#90-Ditch-32'

11

Trail-4'

#62-Fc. Cor-33'

10

9

8

7

6

5-7-41

6

SWAMP

(Show Dir. of flow of
Water on plan also
ditch flow.)

Broken 4" T167 below ditch grade 2' bottom

$\frac{+65}{15}$
V-Ditch
 $\frac{+15}{15}$



+31-TP-19'

19

+78-15" C.M. X Drain — 14'-16'
+74-PP-24' +66-Cor. Pnc. Sprinkles - 35'
+70-Trail-7'-5'

18

Trail-0

NW Cor. 7
Found - 63'

+85-Ent-

+34-PP-26'

17

Trail-0

+30-SW Cor. Found - 133'

16

Trail-2'

+89-PP-23'

15

Trail-6'

+49-PP-29'

14

Trail-0

+02-NW Cor. Found - 76'±

13

Trail-0

+10-NW Cor. Proposed Hto - 63'

11/11/11

20'

1-5 shrubs



150
80'

(Palm)



Trail -1'

26 Trail -1'

+30-SW Cor Prepared Ho. -103'

25 Trail -1'

24 Trail -3'

+35-End of Rd -10' 10' Trail -3'

23 +98-PP-21'

+105-Ent-12"X20CM-17'
+41-SW Cor Ho. -105'

+32-NW Cor Ho. -134'

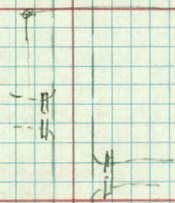
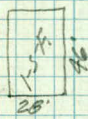
22 +91-PP-22' 10' 10' +12-Ent-12"X20CM-17'

21 10' 10'

+61-PP-24'

20 10' 10'

5-7-47
K.H.
A.P.
M.B.



Gravel

33

32

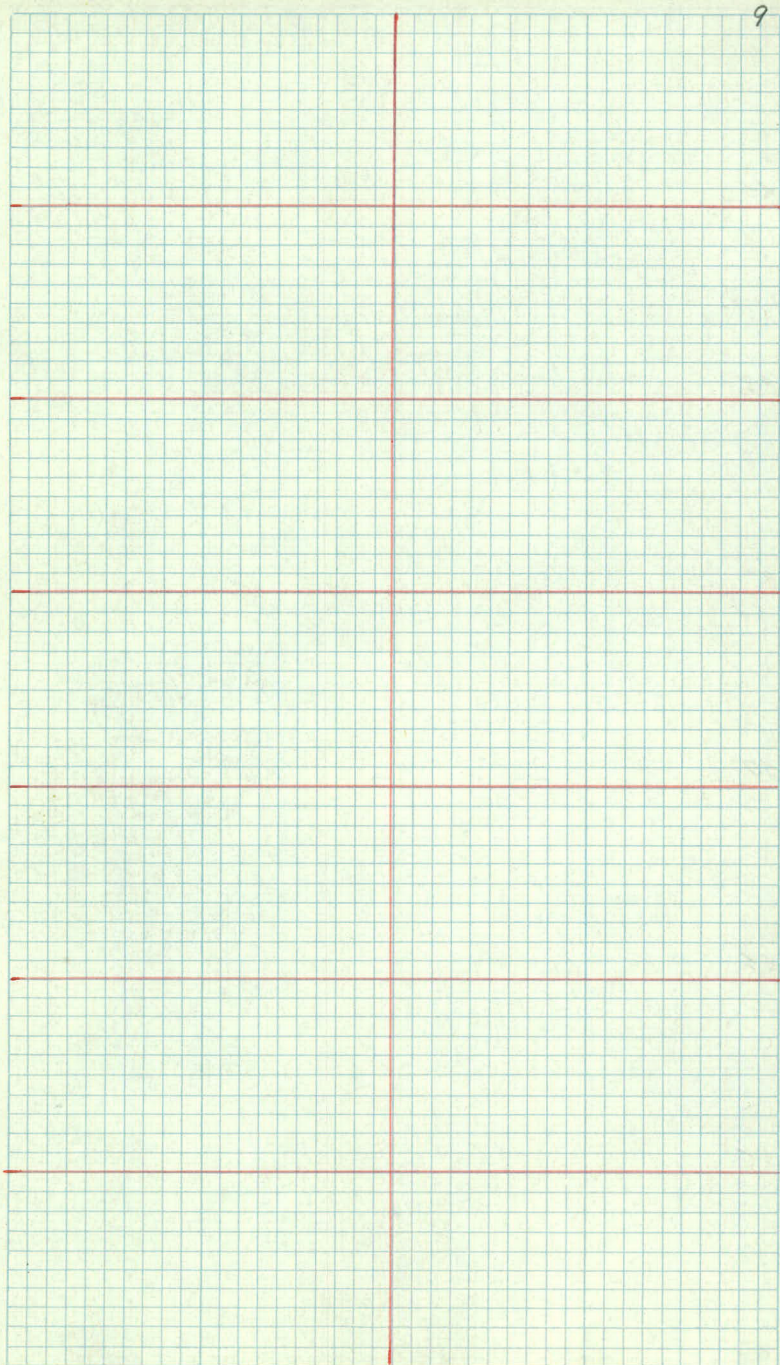
31

30

29

28

27



40

39

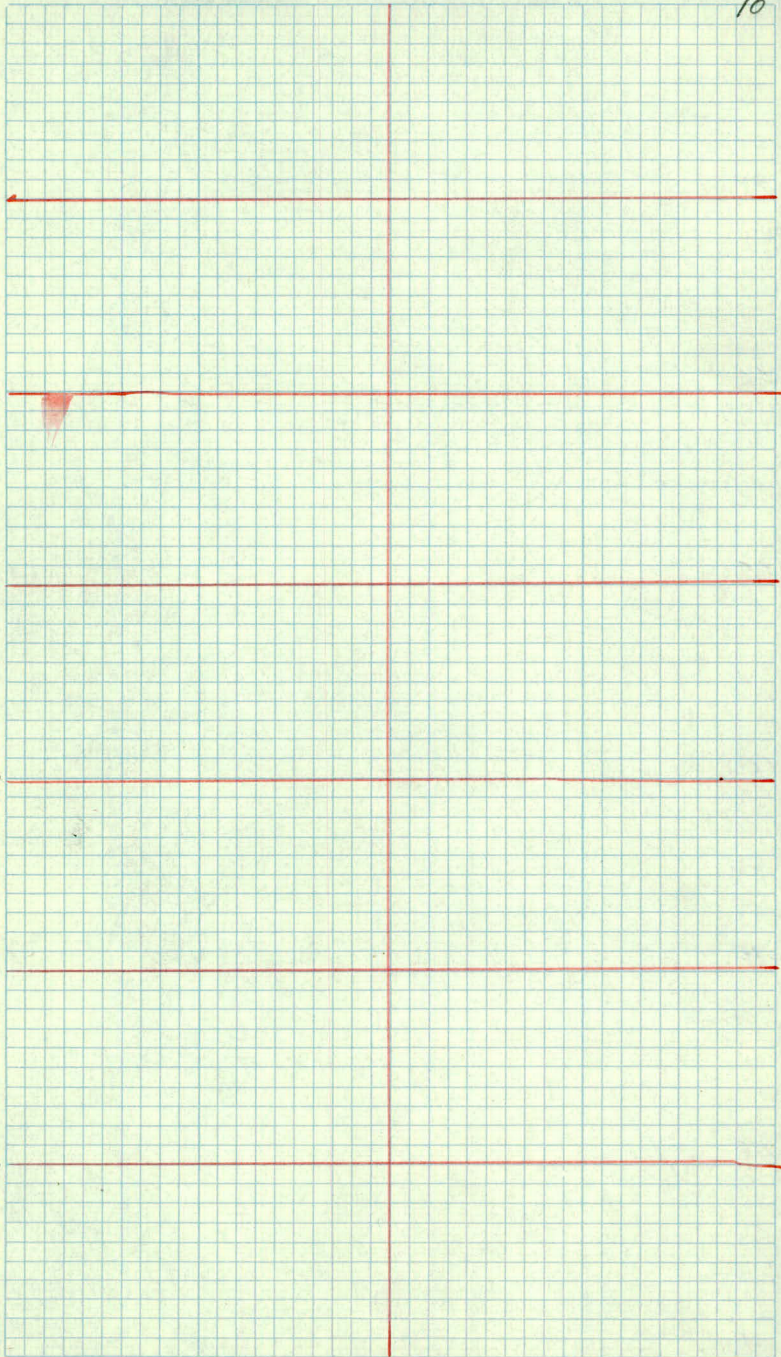
38

37

36

35

34



Fe-1'

47

Fe-1'

46

Fe-2'

+48-4" Tw. BE. - 00

45

Fe-3'

44

Fe-2'

43

Fe-2'

+45' Fe Col-3'

42

41

Cult

Uncult

x x x x

159-Fc. Cor. 0

52

51

Fc-0

50

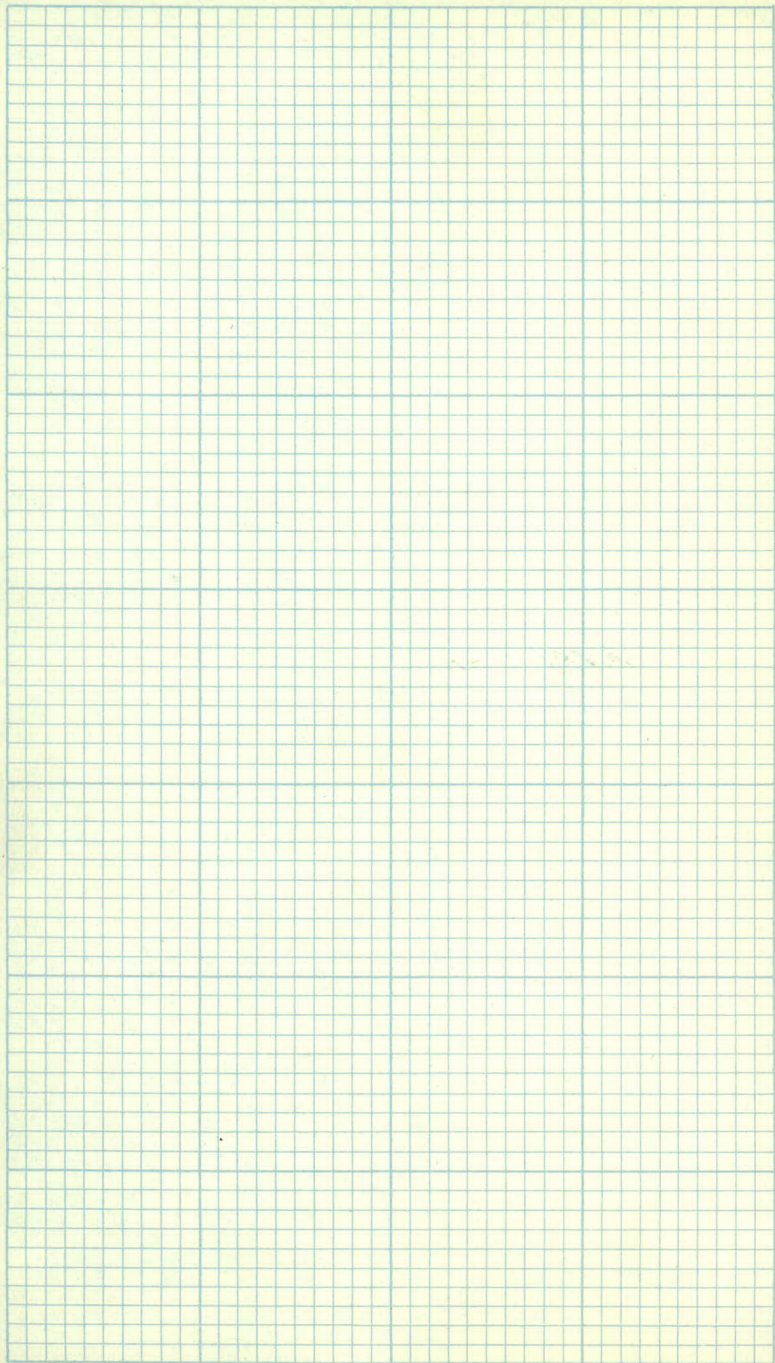
Fc-0

49

Fc1

48

— x — x — x —



Bench Levels

Level datum from Ariel St

Sta	+	x	-	Elev.
B.M.	2.68	931.68		(929.00)
T.P.	8.38	933.20	4.5 6.86	924.82
			3.95±	929.25 Block Top
T.P.	6.64	935.57	4.27	928.93
T.P.	13.12	946.95	1.74	933.83
T.P.	12.06	958.98	0.03 4.03	946.92
B.M.			0.73	958.25
T.P.	0.46	945.66	13.78	945.20
B.M.	1.67	939.09	8.24	937.42
T.P.	1.50	930.11	10.48	928.61
B.M.			9.43	920.68
T.P.	5.21 6.40	928.48 927.47	6.84	923.27
T.B.M.			7.44	921.04
B.M.			19.06	909.42
B.M.	0.36	958.61		(958.25)
T.P.	2.29	947.39	13.51	945.10
T.P.	2.10	936.03	13.46	933.93
T.P.	3.42	933.50	5.95	930.08
T.P.	2.03	929.98 929.95	5.55	927.95 929.05
B.M.			0.93	929.02 (929.00)

K.A. 5-7-41
A.M.
M.B.

14

R.R. Spk in 18" Oak 47' Lt sta 24+56 Ariel St.

= 4" C" & Ariel St

Top E. End of Door Sill Front of Ho. Lt. 22+50

Nail in PP

Drill Hole in Pav. at Bodatz Av & White Bear Av.

R.R. Spk in 24" Oak 3.00' ± Et. sta. 9195

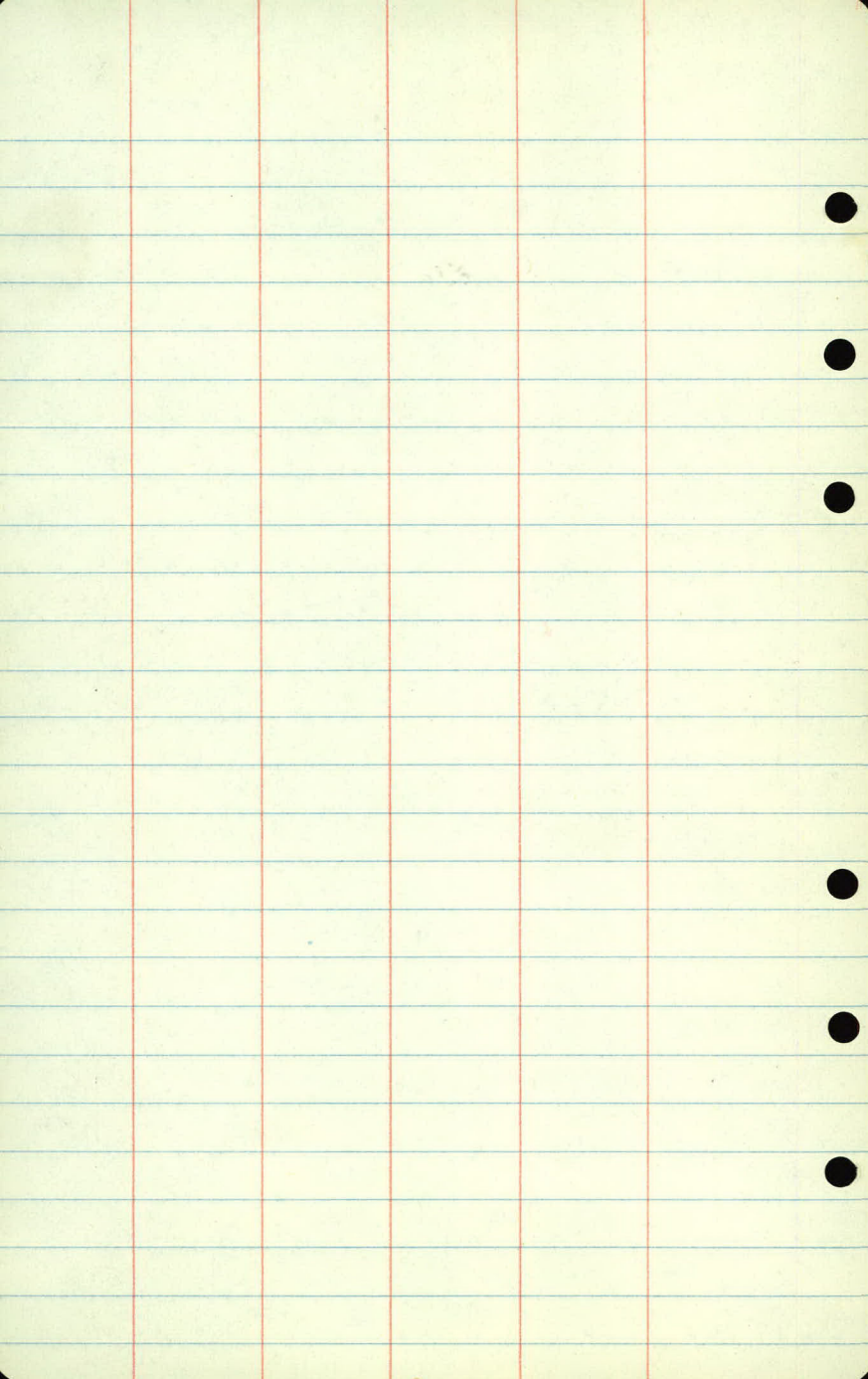
Top 2'x2" Hub sta. 0100

Top Sec. Cor. Iron at W 1/4 Cor. Sec. 2 -29-22

E. End of Door Sill Front of Ho. Lt sta 22+50

~~Top Mant. at Ariel & 60 Rd E~~

R.R. Spk. in 18" Oak 47' Lt. sta 24+56 (Ariel St.)



BENCH - LEVELS

RADDITZ - RD

STA	+	π	-	ELEV
B.M	11.79	970.04		(958.25)
	9.85	975.39	4.50	965.54
	9.23	981.97	2.65	972.74
B.M	13.49	988.48	6.98	974.99
	5.28	992.52	1.24	987.24
B.M	1.44	992.52	1.44	991.08
	1.49	988.29	5.72	986.80
B.M	6.99	981.97	13.31	974.98
	3.68	975.94	9.71	972.26
	3.56	968.95	10.55	965.39
B.M			10.68	958.27 (958.25)

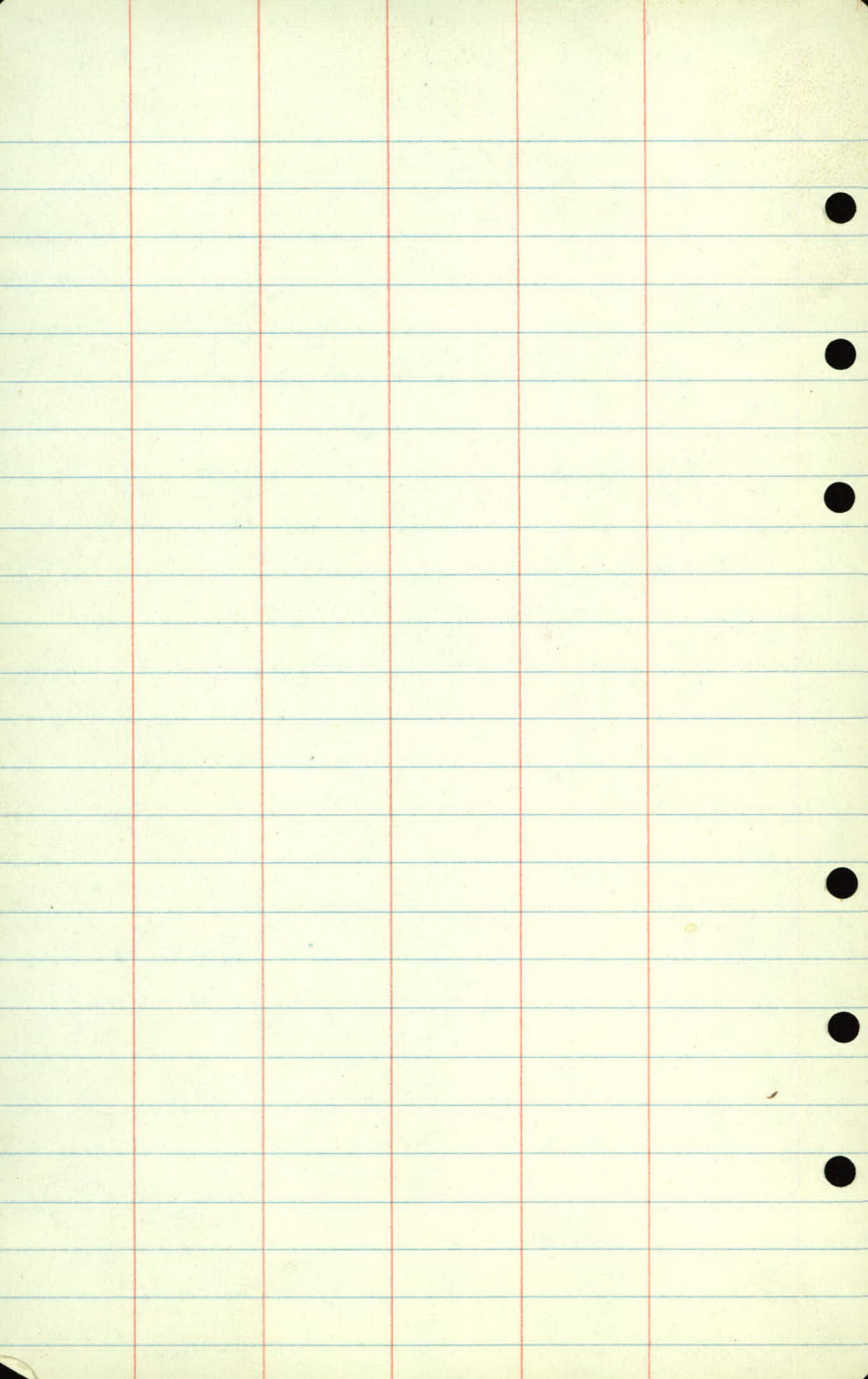
26+2802

S. E. COR - DOOR - SILL Front of Ho.
Lt. Sta 22150

F. COR. STA

SPIKE 15" OAK SORT, STA 52160

F. COR STA



Xsections

Sta	+	-	Elev.
T.B.M.	6.65	927.69	921.04

0-34		8.3	19.4
------	--	-----	------

-50		7.8	19.9
-----	--	-----	------

-77		5.5	22.2
-----	--	-----	------

-95		4.8	22.9
-----	--	-----	------

-1		11.6	16.1
----	--	------	------

-50		11.6	16.1
-----	--	------	------

-2		16.7	11.0
----	--	------	------

-50		20.7	07.0
-----	--	------	------

K.A.
A.M.
M.B.
P.K.

5-8-47

16

L

E

E

Top 2"x2" HVB 54.0100

Sta	+	π	-	Elev.
		927.69		
-3			25.0	02.7
-50			25.1	02.6
-4			29.1	98.6
-5			37.1	90.6
0 +00				21.0
+06				22.6
+47				24.6
+67				24.4

L

E

R

= Edge Swamp

61	61	67	74	80	85	✓
50	33		20	35	50	

53	49	50	51	62	72	✓
50	33	13		32	50	

51	42	31	31	40	45	✓
50	23		23	43	50	

59	52	47	33	26	30	32	✓
50	34	20		19	41	50	

Sta	+	π	-	Elev.
		927.69		
1				22.9
+50				19.7
2				17.2
+50				16.0
3				14.7
+50				14.4
4				14.9
T.P.	1049	925.75 926.75	12.43	915.26
+50				16.5

L E R

6.4 61 34 48 4.4 37 35 ✓
50 27 18 8 30 50

80 81 81 8.0 7.8 7.7 7.9 L
50 31 17 21 40 50

8.7 9.7
50 32 10.5 10.9 10.6 ✓
24 50

100 111 11.7 120 11.9 ✓
50 25 23 50

116 12.2 13.0 13.5 13.3 ✓
50 26 26 50

122 128 133 139 14.5 L
50 28 30 50

11.4 11.8 12.8 14.0 14.7 ✓
50 26 33 50

7.9 9.0 9.3 9.8 11.5 ✓
50 20 19 50

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

925.75

5

15.9

+30

15.4

6

15.6

+50

16.5

7

19.1

+50

21.1

8

19.9

+50

19.7

L E E

8.9 9.1 9.9 10.8 11.1 ✓
50 22 28 50

9.1 9.7 10.4 10.8 11.2 ✓
50 30 24 50

9.4 9.7 10.2 10.7 11.0 ✓
50 26 30 50

9.0 9.5 9.3 9.2 9.6 ✓
50 26 24 50

7.0 7.0 6.7 6.7 7.4 ✓
50 28 29 50

5.6 5.7 6.5 5.1 4.7 4.5 5.2 ✓
50 19 17 14 26 50

5.0 6.4 6.0 6.2 5.9 5.3 5.0 3.8 ✓
50 21 18 9 14 29 50

3.3 5.4 6.1 6.2 5.3 ✓
50 23 24 50

Sta	+	π	-	Elev
		925.75		
9				19.9
	+50			22.1
B.M.	5.13	925.81	5.13	920.62 (920.68)
10				24.2
T.P.	10.29	934.71	1.39	924.42
	+45			27.6
	+63			33.5
11				33.9
	+40			29.9
	+77			27.7

L E R

14 42 54 59 61 65
50 24 5 26 50 ✓

+1.7 26 37 47 52 ✓
50 20 27 50

P.R. Spk. in 24" Oak 200 ft. Sta 9495

+1.0 0.6 1.1 1.6 2.5 2.2 ✓
50 34 18 27 50

27 6.1 7.1 8.6 9.6 ✓
50 18 29 50

+3.8 105 1.2 3.3 6.8 ✓
50 20 22 50

+4.3 13.2 11.7 10.7 9.8 4.1 6.9 ✓
50 40 25 19 28 50

11 2.3 4.0 4.8 6.8 7.5 8.4 ✓
50 35 16 21 35 50

4.9 5.9 7.0 7.9 8.9 9.5 ✓
50 25 30 44 50

Sta	+	π	-	Elev
		93471		
11	+89			26.4
12				25.5
	+12			25.0
	+12	Profile of Ditch		25.0
	+17			
	+55			26.6
13				28.6
	+43			32.3
T.P	405	93783	0.93	933.78

L

E

R

53 65 77 83 86 97 108 111 85
50 20 14 6 23 29 35 50

61 85 88 92 97 105 106 84 82 ✓
50 27 12 9 14 18 31 50

87 87 96 97
50 42 18

87 92 80 ✓
18 27 50

FL. 4" Tile

23.21

22.91

END
4" Tile

11.5 127 11.9 108 106 97 108 114 116 119 130 148
W.S. 83 82 50 23 25 50 67 100 143 143
Swamp

20.26

1395

FL. 24" CM-B

96 93 90 81 77 65 58 ✓
50 42 21 17 33 50

78 74
50 24

61 4.9 4.0 2.3 ✓
21 34 50

105 00 16
50 34 9

24 3.7 57 ✓
20 49

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

937.83

13	173			35.9
----	-----	--	--	------

14				36.4
----	--	--	--	------

117

	125			35.2
--	-----	--	--	------

	162			33.9
--	-----	--	--	------

15				32.3
----	--	--	--	------

	154			30.6
--	-----	--	--	------

16				27.3
----	--	--	--	------

L

E

E

61 54 36 19 30 35 29 ✓
50 37 15 19 37 50

36 1.7 0.9 14 31 43 6.9 7.5 ✓
50 27 9 12 33 42 50
OK

929.7

81

Ground at Found.

1.8 0.1 0.5 2.6
50 27 13

4.6 7.5 ✓
28 50

4.5 3.2 3.5 39.5 6.2 7.2 7.7 ✓
50 25 7 9 19 39 50

9.2 7.2 5.8 5.5 7.0 10.2 12.0 ✓
50 31 13 14 37 50

11.1 8.1 7.2 8.2 12.9 13.6 ✓
50 20 14 43 50

11.2 10.1 10.5 11.8 14.8 15.5 ✓
50 22 14 39 50

Sta	+	π	-	Elev.
		937.83		

16	+24			26.6
----	-----	--	--	------

	+69			29.2
--	-----	--	--	------

17				30.7
----	--	--	--	------

	+44			34.4
--	-----	--	--	------

	+80			36.3
--	-----	--	--	------

T.P.	1012	945.17	2.78	935.05
------	------	--------	------	--------

18				36.4
----	--	--	--	------

	+50			36.8
--	-----	--	--	------

	+72			36.4
--	-----	--	--	------

L

E

E

99 99 112
50 21

142 149
30 50

4.4 5.8 7.4 8.6 10.0 11.0 11.9
50 30 14 15 32 50

3.6 4.4 5.7 7.1 8.0 9.0 9.7
50 34 17 14 32 50

1.5 1.9 2.7 3.4 4.1 5.0 5.5
50 39 18 19 35

0.7 1.1
50 20

1.5 1.9 2.4
20 50

8.5 8.9 8.8 9.1 9.0
50 20 21 50

8.4 8.5 8.6 8.4 8.8 8.4 8.3
50 31 10 8 27 50

7.2 7.1 8.6 8.8 9.2 9.9 9.0 8.5
50 25 15 11 16 24 50

Sta + π - Elev.

94517

18 +77

36.4

+80

36.4

+86

36.9

+91.03

37.33

+

19 +01.03

37.42

B.M.

775

937.42

(937.42)

+11.03

37.32

+15

37.7

+22

38.0

L

E

R

✓
102 103 102 8.7 8.8 9.2 106 11.0 11.2
50 32 15 13 13 16 31 50

✓
102 103 102 8.7 8.8 9.2 106 11.0 11.2
50 32 15 13 13 16 31 50

7.3 7.7
50 17

8.3 8.4 8.6 ✓
13 50

7.16 7.84 8.47
50 50

6.47 7.08 7.75 8.38 9.0 ✓
100 50 50 50
Drill Hole Pav. at Redot 2 & White Bear Ave.

7.18 7.85 8.48 ✓
50 50

7.2 7.6 7.9 7.5 8.4 8.4 8.6 ✓
50 28 15 16 29 50

8.9 9.1 8.4 7.8 7.2 7.9 8.4 9.1 10.1 ✓
50 29 15 12 14 17 30 50

Sta	+	π	-	Elev
		945.17		

19+28

38.1

+36

38.5

+68

40.0

20

41.4

+50

43.4

T.P.	1308	958.25	0.00	945.17
------	------	--------	------	--------

21

45.6

+50

47.7

22

50.4

L

E

C

88 93 82 75 71 75 83 90 102 ✓
 50 29 15 12 19 16 25 50

6.3 5.9 7.8 71 67 7.2 8.1 78 56 6.2 ✓
 50 18 15 9 12 16 19 24 29 50

6.0 5.4 6.6 6.0 5.2 6.0 6.8 4.7 4.8 5.7 ✓
 50 17 15 7 19 17 26 39 50

48 40 52 ^{4.5} 4.5 38 43 53 42 3.1 37 49 ✓
 50 18 15 11 19 17 18 25 38 50

16 17 32 21 18 23 31 20 21 25 ✓
 50 18 16 11 19 17 19 33 50

130 133 141 123 127 133 142 135 140 144 ✓
 50 18 16 12 12 17 18 38 50

116 117 115 122 ¹¹³ 106 111 122 113 112 109 ✓
 50 35 19 16 14 11 11 16 18 41 50

95 94 90 96 85 79 87 95 87 84 73 ✓
 50 33 17 16 11 14 17 19 32 50

Sta	+	π	-	Elev.
		958.25		
22+50				54.2
23				57.5
B.M.	1202	970.27	0.00	958.25 (958.25)
+23				58.6
+63				59.3
24				60.0
+50				61.2
25				63.5
+35				65.2

5-9-47

26

L

E

R

1.8 40 45 44 ⁵⁴ 47 41 45 53 42 47 15 ✓
 Grad. Ho. 50 38 19 17 12 12 16 18 50 Grad. Ho.

1.2 0.6 0.4 1.8 12 0.8 1.2 2.0 0.5 0.8 1.2 ✓
 50 33 17 15 11 12 16 18 35 50
 E. End of Door Sill / Front of Ho. 41 50 22 50

122 120 120 122 121 117 120 124 120 124 128 ✓
 50 32 16 15 12 13 16 17 38 50

9.7 9.9 10.4 11.0 11.5 12.2 12.8 ✓
 50 32 18 15 34 50

7.4 7.9 9.2 10.3 10.6 11.4 12.2 ✓
 50 33 15 12 30 50

7.9 8.8
 50 25

9.1 9.2 9.2 9.5 ✓
 15 35 50

60.8

64.4

9.5 8.6 7.5 6.8 6.8 6.0 5.9 ✓
 50 33 14 13 31 50

61.1

67.3

9.2 7.2 5.6 5.1 4.4 3.4 3.0 ✓
 50 25 9 16 37 50

Sta	+	Σ	-	Elev.
		970.27		
25	+63			66.6
26				63.3
	+30.60			61.8
	+50			60.3
B.M.	1344	971.69	12.02	958.25 (958.25)
27				59.5
	+50			59.8
28				60.3
	+50			60.8

5-9-47

27

18

L

E

R

61.6

68.7

87	76	57	87	34	25	16
50	37	15		12	27	50

61.0

66.6

93	84	75	70	64	57	37
50	29	8		7	21	50

59.3

65.4

110	106	97	85	78	69	49
50	39	11		9	24	50

58.0

63.6

123	118	108	100	87	82	67
50	33	15		6	19	50

E. End of Door Sill Front of Ho. Lt. Sto 22+50

58.6

60.7

131	131	122	117	111	111	110
50	21		4	7	23	50

60.7

60.2

110	112	116	119	116	117	120	118	115
50	33	5		7	26	33	38	50

60.9

60.1

108	101	111
50	36	18

114	116	117	121	118	116
21	29	32	39	50	

60.6

60.2

111	105	108	109
50	43	27	

114	116	118	115
11	27	31	50

Sta.	+	Σ	-	Elev.
------	---	----------	---	-------

		971.69		
--	--	--------	--	--

29				61.9
----	--	--	--	------

+50				63.8
-----	--	--	--	------

30				66.5
----	--	--	--	------

T.P.	7.38	975.94	313	968.56
------	------	--------	-----	--------

+38				70.2
-----	--	--	--	------

+75				72.5
-----	--	--	--	------

31				72.5
----	--	--	--	------

+27				71.3
-----	--	--	--	------

+70				69.1
-----	--	--	--	------

L

E

R

60.4

60.9

11.3 96
50 3098 104 109 111 108 ✓
10 26 32 50

65.3

63.0

6.4 73 77 79 81 86 87 ✓
50 37 16 10 32 50

68.4

67.3

3.3 3.4 4.5 3.9 4.8 5.2 4.9 3.1 3.8 4.4 ✓
50 33 16 9 7 2 6 23 50

70.2

71.3

6.0 57 51 56 61 57
50 36 16 10 7 55 50 41 42 44 46 ✓
1 5 20 41 50

69.9

73.4

6.0 49 40 34 27 24 25 25 ✓
50 30 7 5 13 26 50

69.3

73.6

6.6 5.3 4.1 3.4 2.7 2.3 2.6 2.2 2.3
50 26 6 6 14 30 36 50 ✓

68.5

73.4

7.4 6.7 5.7 4.6 3.6 2.8 3.2 2.8 2.5 ✓
50 32 11 5 27 30 33 50

68.1

70.7

7.8 7.7 7.2 6.8 6.0 5.7 5.9 5.6 5.2
50 25 4 5 26 30 36 50 ✓

Sta	+	π	-	Elev
		975.94		

32				68.3
----	--	--	--	------

+45				67.5
-----	--	--	--	------

+81				67.6
-----	--	--	--	------

33				67.6
----	--	--	--	------

+40				67.9
-----	--	--	--	------

+75				68.5
-----	--	--	--	------

34				69.0
----	--	--	--	------

T.P.	10.60	980.51	603	969.91
------	-------	--------	-----	--------

+50				70.2
-----	--	--	--	------

67.9

8.0 8.2 7.9
50 28 4

69.1.

76.72 7.2 68
10 28 50 ✓

67.6

83 84 86 84
50 31 15

67.0.

87 88 89 ✓
5 28 50

67.6

83 83 85
50 34 14

65.1.

83 91 105 108 108 ✓
8 14 27 50

67.7

82 87 82 83 84 102 110 119 114 ✓
50 43 20 4 13 29 39 50

64.5.

68.6

73 78 80
50 33 13
31

65.0.

80 86 96 104 109 ✓
8 15 30 50

69.5

64 72 74 78 86 90 94 90 91 ✓
50 24 9 19 31 35 40 50

66.8.

69.7

6.2 6.5
50 24

67.9.

69 6.9 7.8 8.3 80 80 ✓
10 28 34 43 50

71.4

91 93 102 103 102 96 96 10.0 97
50 34 10 3 4 12 31 50

70.8.

Sta	+	π	-	Elev.
		980.51		

35				72.0
----	--	--	--	------

	+50			73.1
--	-----	--	--	------

36				74.9
----	--	--	--	------

	+50			77.0
--	-----	--	--	------

37				76.2
----	--	--	--	------

	+50			76.5
--	-----	--	--	------

38				77.4
----	--	--	--	------

	+45			76.7
--	-----	--	--	------

L

E

R

72.5

80 80 83 85
50 40 1888 91 97
8 30 50

70.8

73.9

66 72 75
50 29 874 78 86 86
9 30 50

71.9

72.4

31 46 56
50 2363 71 70
8 33 50

73.5

72.8

17 26
50 2235 35 43 54 58
5 12 33 50

74.7

76.9

36 41 43 45 51 60 61
50 24 5 9 31 50

74.4

76.8

37 40 40 40 41 54 58
50 28 6 10 30 50

74.7

77.4

31 33
50 2631 34 42 47 52
6 15 32 50

75.3

77.5

30 34 38
50 2739 47 55 66
6 12 30 50

73.9

Sta	+	π	-	Elev
		980.51		
38	+8.5			75.1
39				74.3
	+35			71.8
	+70			68.8
40				67.2
T.P.	10.90	978.84	12.57	967.94
	+50			66.0
41				66.2
	+50			67.6

R.A.
A.M.
M.B.
R.W.

7-18-47

31

L

E

R

76.2

4.3 4.9 6.0 5.4 5.9 7.0 9.0
50 26 7 7 21 50

71.5

75.3

5.2 5.8 6.6 6.2 6.4 7.2 8.6 9.7
50 26 8 3 6 15 34 50

70.8

72.1

8.4 8.7 9.2 9.4 8.7 8.3 8.9 9.6 11.1 11.7
50 20 13 3 3 10 16 40 50

68.8

69.4

11.1 11.8 11.7 12.3 11.9 12.6 13.4
50 22 6 10 17 34 50

66.1

67.8

12.7 13.3 13.3 14.1 14.9 15.3
50 28 9 34 50

65.2

66.3

12.5 12.7 12.8 13.4 14.3 14.4
50 26 8 32 50

64.4

66.1

12.7 12.6 12.6 12.5 13.0 12.6 12.2
50 22 10 15 29 50

66.6

66.3

12.5 12.4 12.0 11.2 10.3 9.7 10.0 9.2 7.9
50 28 11 4 9 12 30 50

70.9

Sta	+	π	-	E/cx
		978.84		
42				70.1.
+45				73.1.
B.M.			3.87	974.97 (974.99)
+80				72.4.
43				71.5.
+50				72.2.
44				74.3.
T.P.	11.75	989.98	0.61	978.23
+50				77.0.
+75				79.3

9-21-97

32

L E R

67.2
116 10.9 101 8.7 7.7 7.2 6.8 4.9 ✓
50 28 9 3 8 20 50

68.5
103 9.4 7.9 6.3 5.7 5.0 4.9 4.7 ✓
50 35 16 9 3 22 50

Spt. in F2 Cor. Pt. 51.6 42.1 45

69.5
9.3 7.6 6.7 6.4 6.5 6.8 6.6 ✓
50 21 8 10 28 50

69.7
9.1 8.0 7.2 7.3 6.8 7.2 7.3 6.7 ✓
50 27 9 3 20 32 50

70.5
8.3 7.8 7.0 6.6 6.1 6.0 5.3 4.3 ✓
50 29 7 4 19 38 50

72.1
6.7 5.9 5.0 5.0 4.5 3.6 3.1 1.2 0.0 ✓
50 28 50 5 3 17 37 50
15

75.0
15.0 14.0 13.3 13.0 11.8 11.4 10.1 8.9 ✓
50 26 5 4 20 38 50

77.3
12.7 11.8 12.1 11.6 11.1 10.7 9.5 9.5 8.6 7.7 ✓
50 32 21 16 6 4 19 35 50

82.3

81.1

72.2

72.1

74.5

78.8

Sto	+	π	-	Elck
		989.98		

45				82.1
----	--	--	--	------

+50				84.5 ✓
-----	--	--	--	--------

+65				85.9 ✓
-----	--	--	--	--------

46				86.3 ✓
----	--	--	--	--------

+50				86.1 ✓
-----	--	--	--	--------

47				86.2 ✓
----	--	--	--	--------

T.P.	3.22	990.67	2.53	987.45
------	------	--------	------	--------

+50				85.8 ✓
-----	--	--	--	--------

48				86.1 ✓
----	--	--	--	--------

L

Q

R

80.4

96 91 93 88 79
50 35 19 5

93 75 71 63 ✓
3 18 33 50

83.7

83.4

66 63 66 59 55 52 57 55 54 ✓
50 30 17 4 4 18 34 50

84.6

85.9

41 43 41 41 40 45 46 ✓
50 29 5 7 27 50

85.4

86.5

35 40 40
50 24 4

37 43 48 48 ✓
13 31 50

85.2

86.9

31 36 41 39 47 52 55 54 ✓
50 35 9 8 21 39 50

84.6

87.4

26 34 40
50 31 11
2 state sta 47

38 50 52 61 62
3 14 34 50

83.8

88.0

27 32 39 43 49 61 69 75 74 ✓
50 50 24 6 5 19 40 50
41

83.3

88.2

25 36 41
50 30 5

46 56 66 74 79 ✓
5 18 37 50

82.8

Sta.	f	π	-	Elev.
		990.67'		
48	150			86.4
49				86.3
	150			84.7
50				83.3
	150			83.8
51				85.7
	150			85.6
52				87.7
T.P.	11.00	997.91	376	986.91

L

E

R

87.3 88.3 83.3

24	32	40	43	49	58	67	74	✓
50	32	12		3	17	38	50	

83.7

34	41	49	44	53	55	66	70	✓
50	25	6		2	19	34	50	

85.8 82.4

49	56	61	60	64	67	78	83	✓
50	29	7		2	11	29	50	

84.0 80.5

67	71	68	74	80	88	98	102	✓
50	27	#3		3	18	34	50	

84.4 81.3

63	64	67	69	69	83	94	✓
50	29	8		3	29	50	

84.7 83.4

60	56	57	49	50	51	57	68	73	✓
50	25	12	2		3	19	38	50	

84.7 85.9

60	58	53	51	45	47	48	✓
50	31	8		2	34	50	

86.6 88.1

41	40	37	31	30	27	29	26	✓
50	30	9	4		3	25	50	

Sta + π - Elev

997.91

52 +45

89.9

+67.72

92.1

53

49 93.0

+50

6.5 91.4

54

28 90.1

+50

8.5 89.4

B.M.

6.80 991.11

(991.08)

7-22-41

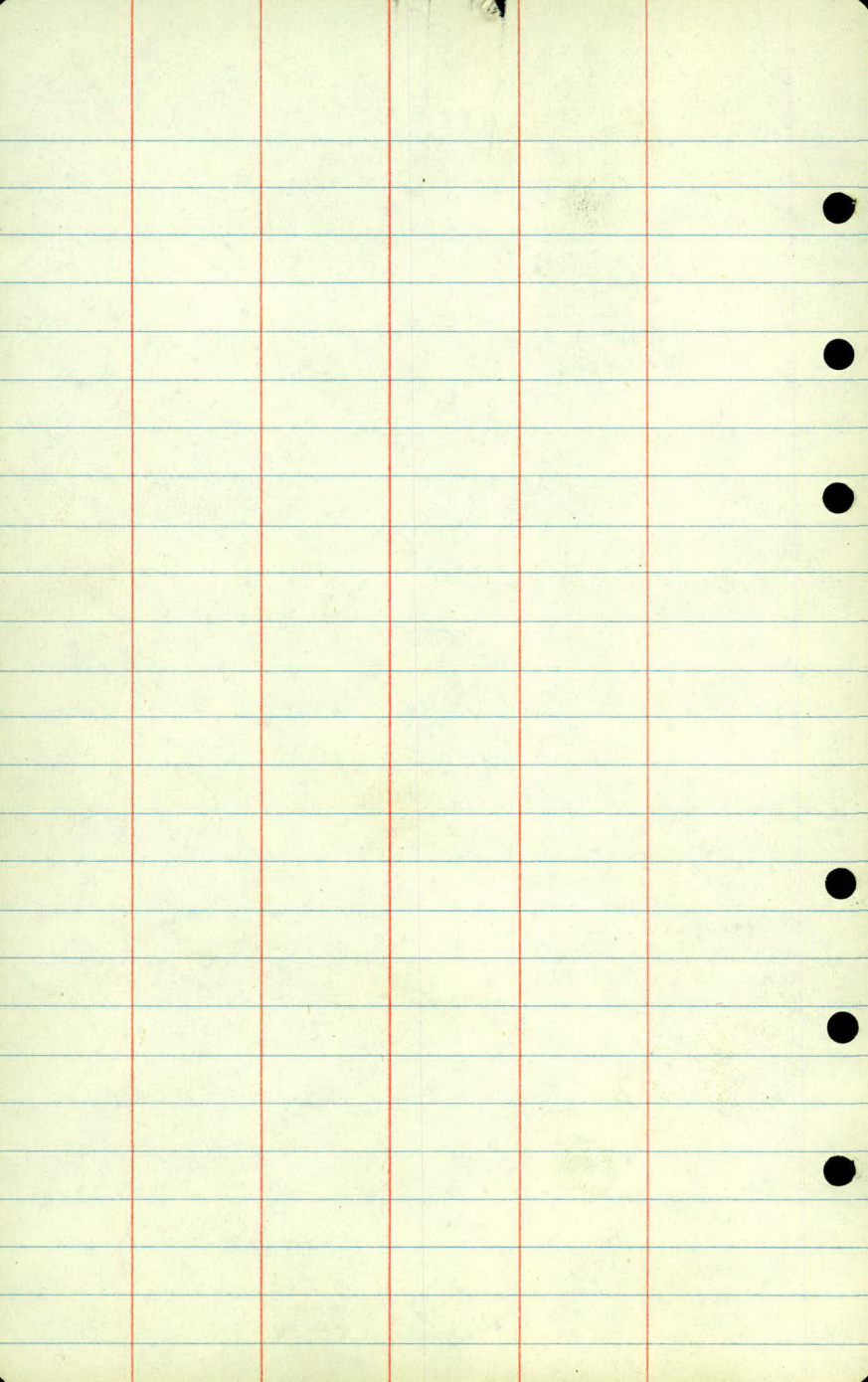
35

L E R

89.9
 80 7.8 80 7.5 80 7.8 8.3 8.1 ✓
 50 31 14 6 10 21 50

92.1
 58 5.6 5.6 5.8 6.4 6.7 6.5 ✓
 50 29 10 10 24 50

Spt. 111 15" Oct 50' Et. 52+60



Roditz Ave.

Additional Levels

6/15/51

Sta.	+	π	-	Elev.
B.M.	8.18	966.03		958.25

26	131		4.9	61.5
----	-----	--	-----	------

26			4.7	61.7
----	--	--	-----	------

	+50		4.9	61.5
--	-----	--	-----	------

25			4.7	61.7
----	--	--	-----	------

	+50		4.8	61.6
--	-----	--	-----	------

24			5.7	60.7
----	--	--	-----	------

	+50		7.1	59.3
--	-----	--	-----	------

23			9.1	57.3
----	--	--	-----	------

52⁹

35: Ground at No. 11.

Sta	+	π	-	Elev
		966.43		

26	+50		5.5	60.9
----	-----	--	-----	------

27			6.6	59.8
----	--	--	-----	------

	+50		6.2	60.2
--	-----	--	-----	------

28			5.8	60.6
----	--	--	-----	------

	+50		5.5	60.9
--	-----	--	-----	------

29	+50		4.3	62.1
----	-----	--	-----	------

30	+50		2.3	64.1
----	-----	--	-----	------

52 + 67.72

120' frontage

Lt.

2

58.1

83
50

58.1

7.8

60.4

drawn

6.0

54.6

6.8

54.8

6.6

63.4

3.0

65.1

0.7

94.7

95.7

3.0
400

1.7
450

drops to north

92.1

90.9

90.6

88.6

86.4

85.6

7.2 9.0 10.7 103 7.7 5.5 5.3 5.3 6.5 6.8 8.8 11.0 11.8 Drop
350 300 250 200 150 100 50 50 100 150 200 250 Fast to
90° 84.4 86.7 87.1 89.7 91.9 92.1 south

-1 BEL "

