

Dr. 12A BK. 48

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan.....Survey

Seventh St.
From Plum St. To E. Co. Line

Road Acc't. No.

Date Filed 10-8-46 File

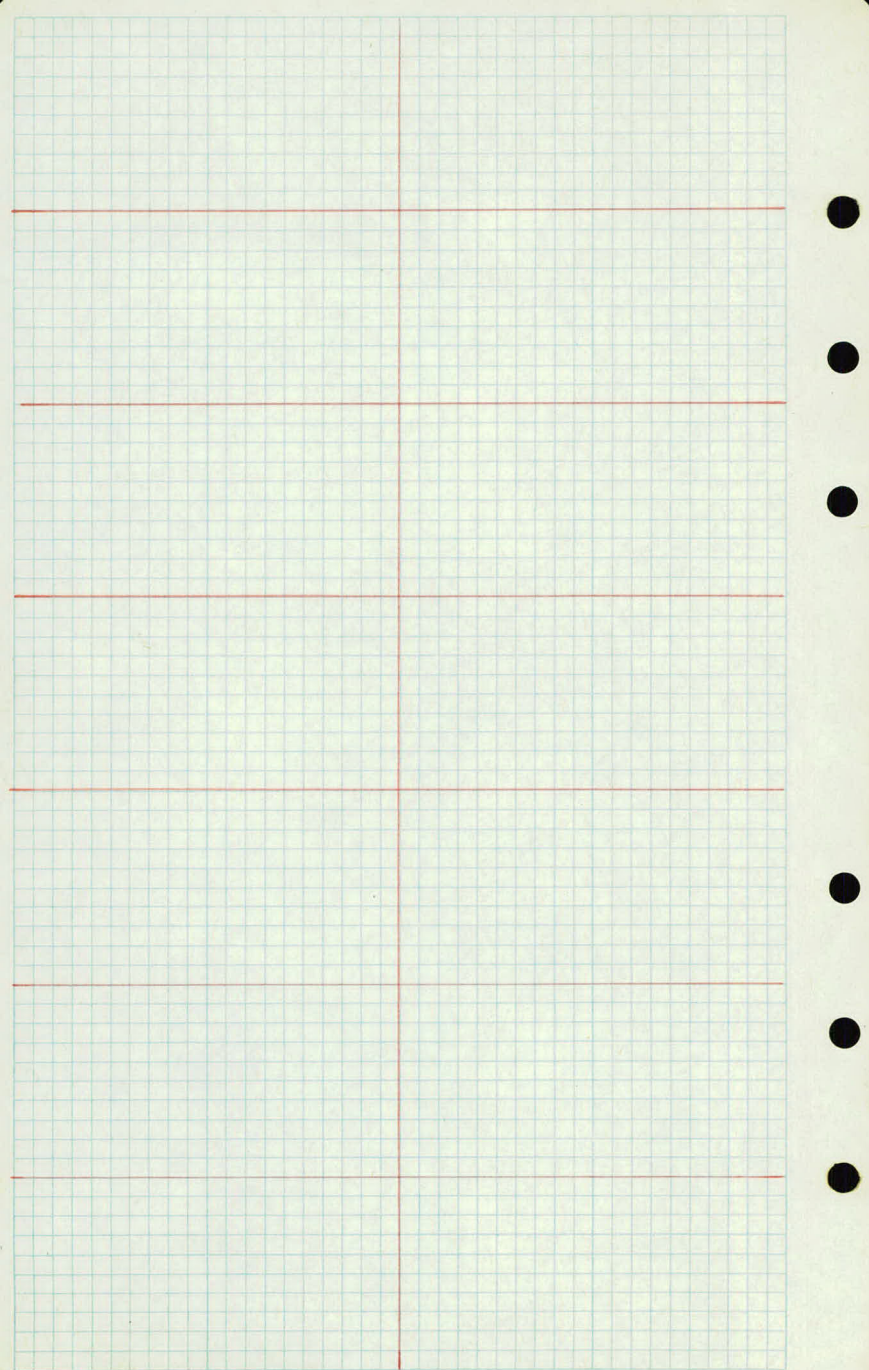
5/15/46

PLAN SURVEY
SEVENTH ST.
Plum St. to E. Co. Line

Reid 5/17/46
Drawn up June 1946

INDEX

Align	1-2
Topog.	3-5
X Sections	6-12



Alignment

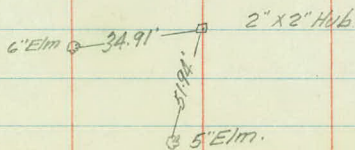
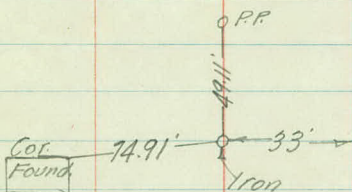
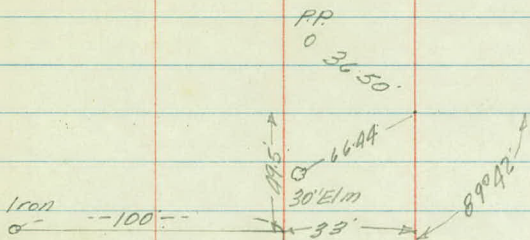
Sta.	Point	$\Delta Lt.$	$\Delta Bl.$
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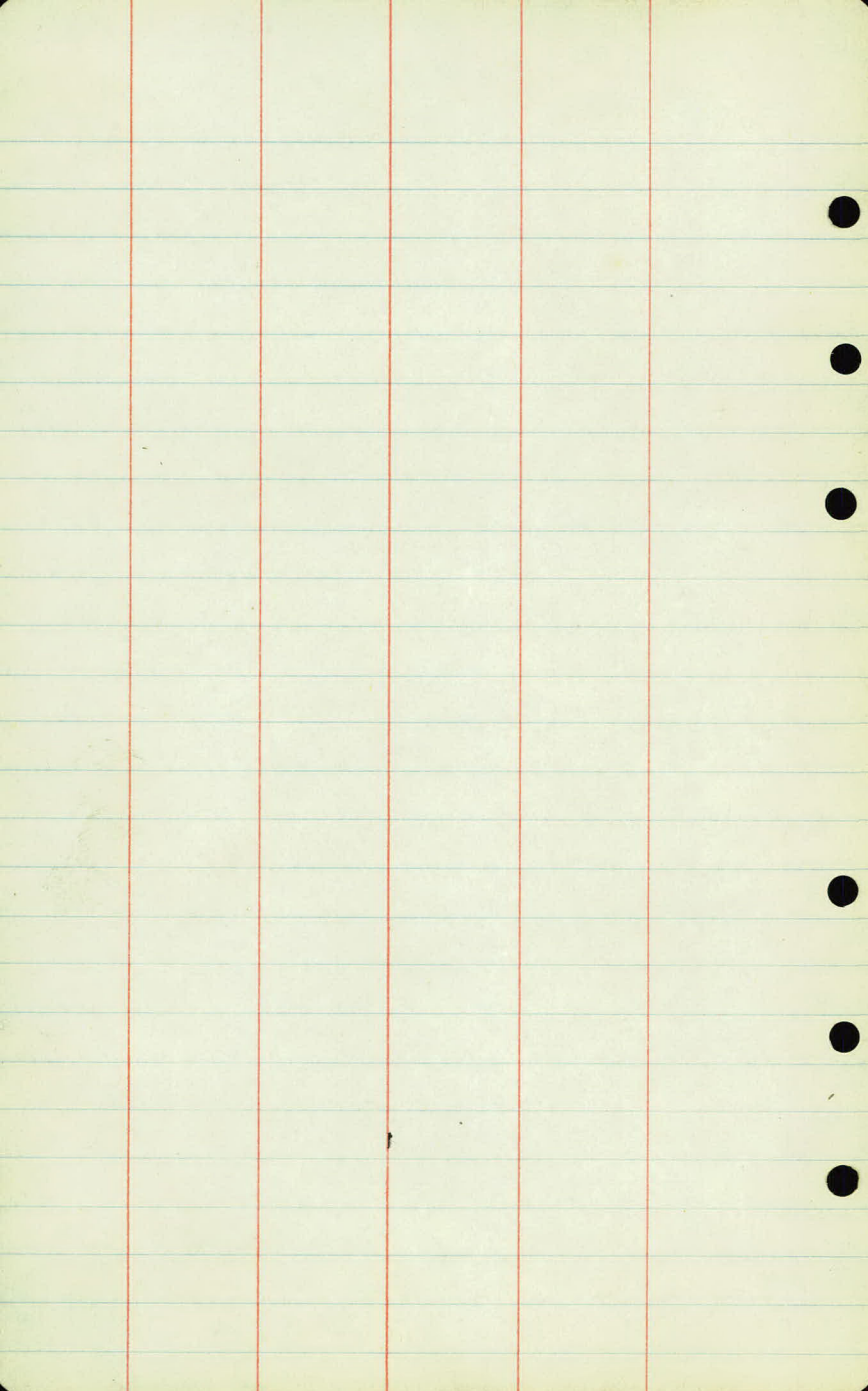
13 + 09.53	= E Co Line		
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5 + 59.6	P.O.T.		
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0 + 00	= E Hum St.		
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5-15-46
K.A.
A.M.
C.F.
M.B.





Topography

25'-9'

Ent

+94-Ent- 12"x20" C.M. - 27'

+77-Std-7'

+45-30" Oak - 12'

+32-Cor Ho. - 109'

5

Fe-0

+97-8" Pop-37-42'

+67-End ditch + Cor. cut 1'-20'

+61-PP-31'

4

ditch -31'

Fe-0

+24-Fe. Cor.-

3

Lowland ditch -31'

50'

Fe-2'

2

ditch -32'

Fe-2'

1

+11-Ditch to E

Fe-1'

0

-03-Fe. Cor.-3'

5-15-9

4

19
15.5-F.
32'

6" Pop-40'

Lowland

Lowland
44'

Cult

Pasture

Lowland

1' bottom head ditch

Cult

125
60

150'

60'

63'

4' Bottom ditch

ditch

+93-12" C.M. X Drain - 30'-4" +99-Edge Rl. Top.
+87-18" O. + Fg. Cor - 7'
+85-30' Elm - 63'
+64-PP - 30'

12 +13-54'-6"
Fc - 4' 26'-10'

+79-54'-4" +81-24'-0-5'
+67-PP-31' 12'-0-5'

+22-54'-5" +36-12' Twd - 5'
+11-Cor. Cor - 36'

11 +103-30' Oak - 4'
Fc - 5' 27'-12'

+99-54'-5" +99-54'-4"
+66-Fg. Cor - 36'

+62-PP-17'

+62-PP-32'
+38-Bird ditch - 31' +16-Range

+24-Beg ditch - 31' +16

10 +102-30'-0-4" +17-20'-0-3'
Fc - 4' 28'-12'

+81-54'-7" +85-16'-0-3'

+73-54'-6" +75-Fg. Cor - 36'

+54-Ent - +59-15'-0-3" 54'-6"

+47-End Fg - 31' +50-54'-9"

+35-54'-8" +47-12'-0-3'

+13-S.W. Cor Ho - 98'

+10-PP-31' Fg Cor - 33'

+66-Ent -

+64-54'-8'

9 +98-54'-7' 27'-12'

+87-18'-0-1' +91-15'-0-1'

+75-54'-6" +77-15'-0-2'

+66-S.W. Cor Ho - 98'

+48-54'-5" +59-54'-9"

+41-Ent - 12" X 20' C.M. - 29'

+33-Head of 106 - 32'

+22-8' Willow - - 60' 00'

8 +90-54'-0-5" Fc 1' 26'-10'

+60-PP-31'

+30-Ent - 12" X 20' C.M. - 29'

+25-54'-0-5'

7 S.W. Cor Ho - 98' 26'-11'

Fc 1'

+82-54'-7'

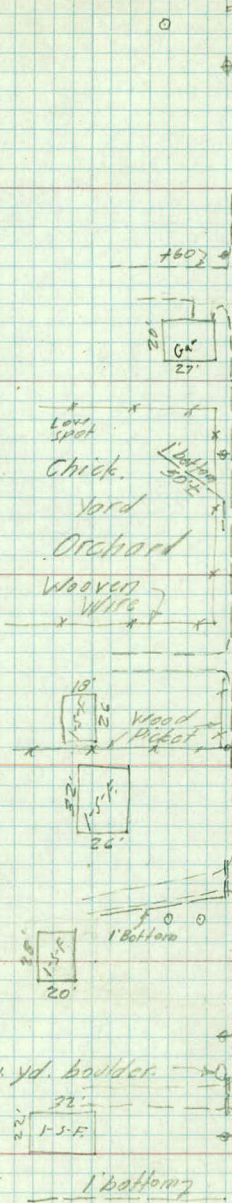
+77-ditch - 31'

6 +09-PP-31'
Fc - 1'

5-16-46

18' wide Bl. Top.

5



Pasture

X Sections

Sta	+	π	-	Elev
B.M.	232	1018.75		(1016.43)
T.P.	2.82	1013.48	8.09	1010.66
T.P.	2.74	1008.02	8.20	1005.28
B.M.			0.85	1007.17
0 +00			10.2	997.8
+50			10.2	97.8
1				98.1
+06				97.5
+11				96.1
+11	Profile of ditch			96.1
+18				97.6

5-16-46
K.H.
A.M.
M.B.
G.F.

7

Lt. E Lt.

(Cap 907C)

U.S.G.S. BM H4 322' N & 20' E of 7th + E. Co. Line.

East End of Door Sill Front of Ho. Lt. Sta. 5+40

99 10.0
50

103 104 112 121 114 106 105 102 ✓
50 36 22 17 10 8 50

103 101 115 109 108 114 119 118 108 101 102 ✓
50 26 26-25 25 16 10 10 14 33 50

121 115 119 118 119 119 122 122 123 ✓
175 150 100 50 50 100 150 200

103 104 115 104 104 116 122 119 109 102 ✓
50 28 28-27 27 8 16 23 30 50

Sta	+	π	-	Elev
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100802

1	+28			98.0
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2				98.0
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3				98.3
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4				98.3
---	--	--	--	------

	+67			98.7
--	-----	--	--	------

5				99.9
---	--	--	--	------

	+31			01.0
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	+64			02.5
--	-----	--	--	------

LT

E

RT

103 104 11.4 104 100 97 106 120 11.9 ✓
50 31 31-30 30 13 33 42 50

97 104 109 103 10.0 L.O. ✓
50 34 33-32 31

98 100 103 99 92 97 L.O. ✓
50 34 33-32 21 18

90 97 103 96 92 97 L.O. ✓
50 33 32-31 30 17

84 86 93 86 93 L.O. ✓
50 25 20 19

75 81 81 87 87 ✓
50 23 25 50

35 45 63 65 57 59 65 70 73 78 ✓
50 39 28 26 24 15 13 27 50

36 40 53 44 43 52 55 59 6.1 ✓
50 30 28-26 25 11 8 26 50

Sta	+	π	-	Elev.
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		1008.02		
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6				03.1
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+50				04.4
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+77	ditch			
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+82				06.0
-----	--	--	--	------

1				06.3
---	--	--	--	------

+35				04.2
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8				04.4
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T.P.	9.89	1014.75	3.16	1004.86
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+32				04.3
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Lt.

E

Rt.

29 33 42 38 36 40 49 52 49
50 31 29 26 18 10 24 50

25 26 38 33 30 34 24 32 36 41 41
50 32 30 28 19 11 9 5 26 50

3.0 36 4.0
132 100 31

3.5 33 39 30 26 28 13 20 26 35 37
50 34 31 29 20 11 10 19 31 50

1.5
1st. Floor El.

32 32 38 29 25 28 13 17 26 34 36
50 33 30 28 20 11 10 17 33 50

3.0 32 39 27 24 3.0 37 38
50 31 30 27 19 9 6

38 36
26 50

1.0
1st. Floor El.

29 32 39 39 29 28 28 26 35 36 38 L.O.
50 33 32 30 29 19 10 8 5 25

95 96 101 101 90 86 92 101 105 105 110
50 33 32 30 28 19 9 5 25 50

Sta.	+	π	-	Elev.
		1014.75		
8	+50			05.3
	+80			07.4
	+90			07.4
9				07.0
	+10			06.7
	+50			07.9
	+75			06.8
10				06.4

Lt.

E

Rt.

92 88 86 82 88 92 95
50 34 28 19 10 6

99 107 ✓
27 50

72 73 79 74 78 67 74 81 88 101 ✓
50 35 28 20 12 8 18 31 50

Duplicate + 80 ✓

7.8

67 72 67 71 67 81
50 29 19 11 10

93 105 111 ✓
13 32 50

59 57 61 59 62 53 69 73 95 109 114 ✓
50 36 28 21 12 11 4 17 32 50

51 51 60 57 60 67 80
50 32 29 20 11 8

101 108 ✓
23 50

44 48 50 57 54 60 84 94 101 104 ✓
50 36 31 29 20 11 17 35 50

Sta.	+	π	-	Elev.
		1014.75		
10 + 29				07.2
+ 70				12.0
11				11.5
T.P.	5.46	1018.03	2.18	1012.57
+ 42				12.2
+ 75				12.8
12				11.2
+ 45				10.4
+ 90				10.6

Lt.

2

Rt.

51 55 54 65 56 51 57 73 76
50 36 33 31 6 31 20 12 4

85 92
28 50

70 68 45 42 47 45 47 28 28 33 40 48
90 71 36 31 30 19 11 10 22 37 50

56 47 42 45 38 33
50 30 20 12 9

05 103 11
19 33 50

707
Gar floor

71 74 69 74 56 58 55 27 20 25
50 30 21 11 9 7 29 35 50

74 72 70 73 55
50 28 18 10 7

52 47 47 55
11 31 50

85 85 79 73 77 70 68
50 37 27 18 10 9

58 61 66
15 32 50

92 92 84 79 82 77 76 70 65 65
50 36 25 18 10 9 8 26 50

85 82 78 75 77 74 74 67 73 81 77
50 29 27 19 8 8 15 33 38 50

Sta.	+	π	-	Elev
		1018.03		
12 194				09.6
13				10.4
109.53				10.6
B.M.			1.62	1016.41
				(1016.43)

5-16-46
K.A.
P.M.
M.B.
C.F.
L.H.

12

2

Rt.

7.8	7.7	7.5	7.8	8.4	8.6	9.0	9.1
50	29	18	6		16	40	50

7.1	7.6	8.2
50		31

3.8	4.8	5.8	6.8	7.4	8.1	9.2	10.5
200	150	100	50		50	100	150

U.S.G.S. B.M. H4

