

BK.36 Dr. 11A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan.....Survey

Cottage Place.....

From Lake Wabasso To Soo St.

Road Acc't. No.

Date Filed 7-25-47 File

PLAN SURVEY

COTTAGE PL.

Lake Wabasso to 300 St.

OWASSO

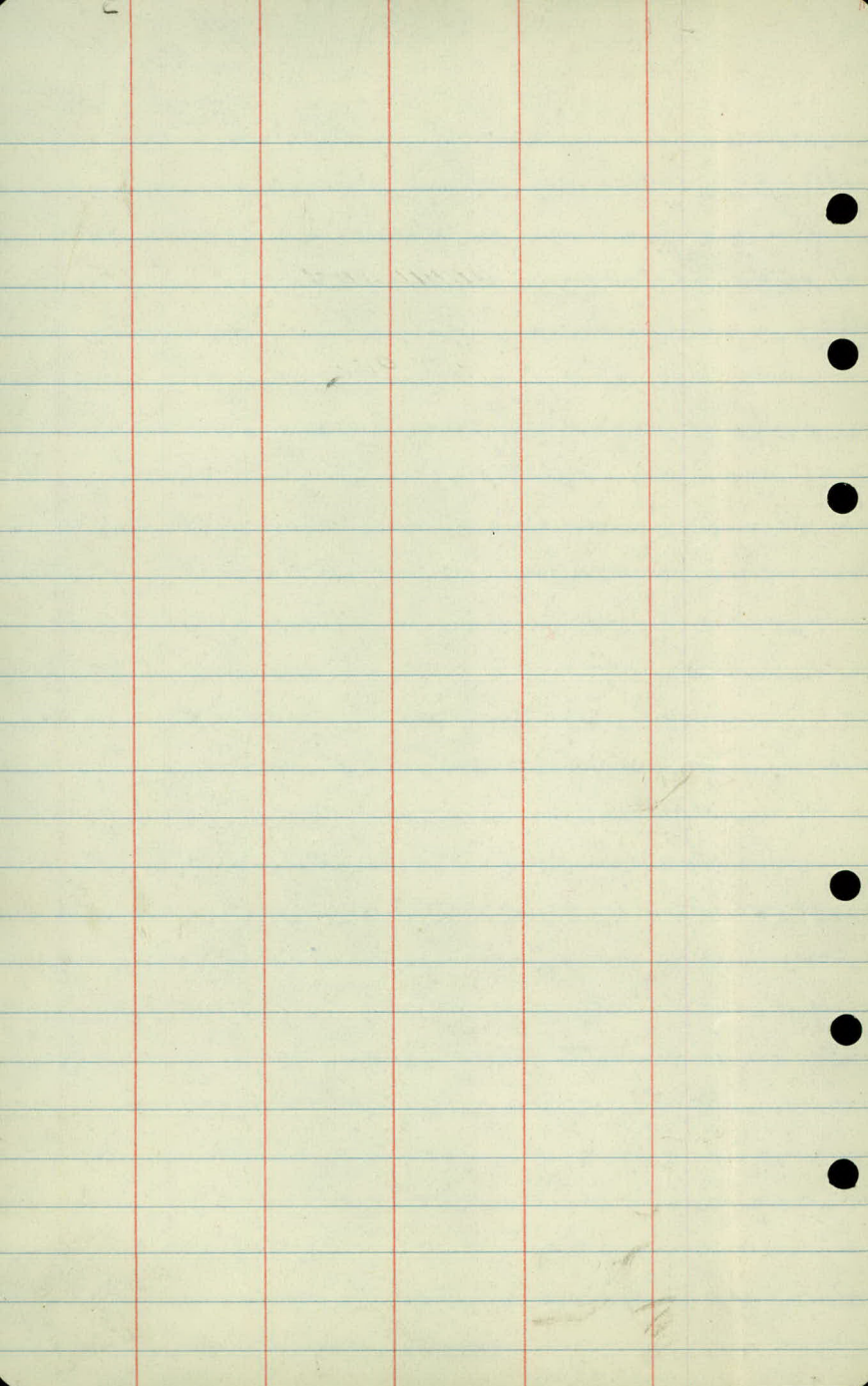
INDEX

Align - 1-2

Topog. - 3-4

Xsections - 5-9

Rec'd 4/7/47
WFB
Not necessary to draw up
per AOR 4/7/47



1
Alignment

Cottage

Sta.	Point	Alt	Ref.
4 17515	= E 800 St.		

1 100 P.O.T. = lot of E Prop. line from North

65047

24"0.

46.91'

307.31 to 1
at S.E. Cor Bl. 2

108.30

014.

92.14

4

Gor.

No.

← 29.44 →

 $0-29.26^{\circ}$

10

 $4-79.25^\circ$

6

20

卷一

10

11

1

一

1

7

1

1

0

3

COB. CONC. Feeding
Cottage

100m 50.9' E of E

29.0

30/1/20

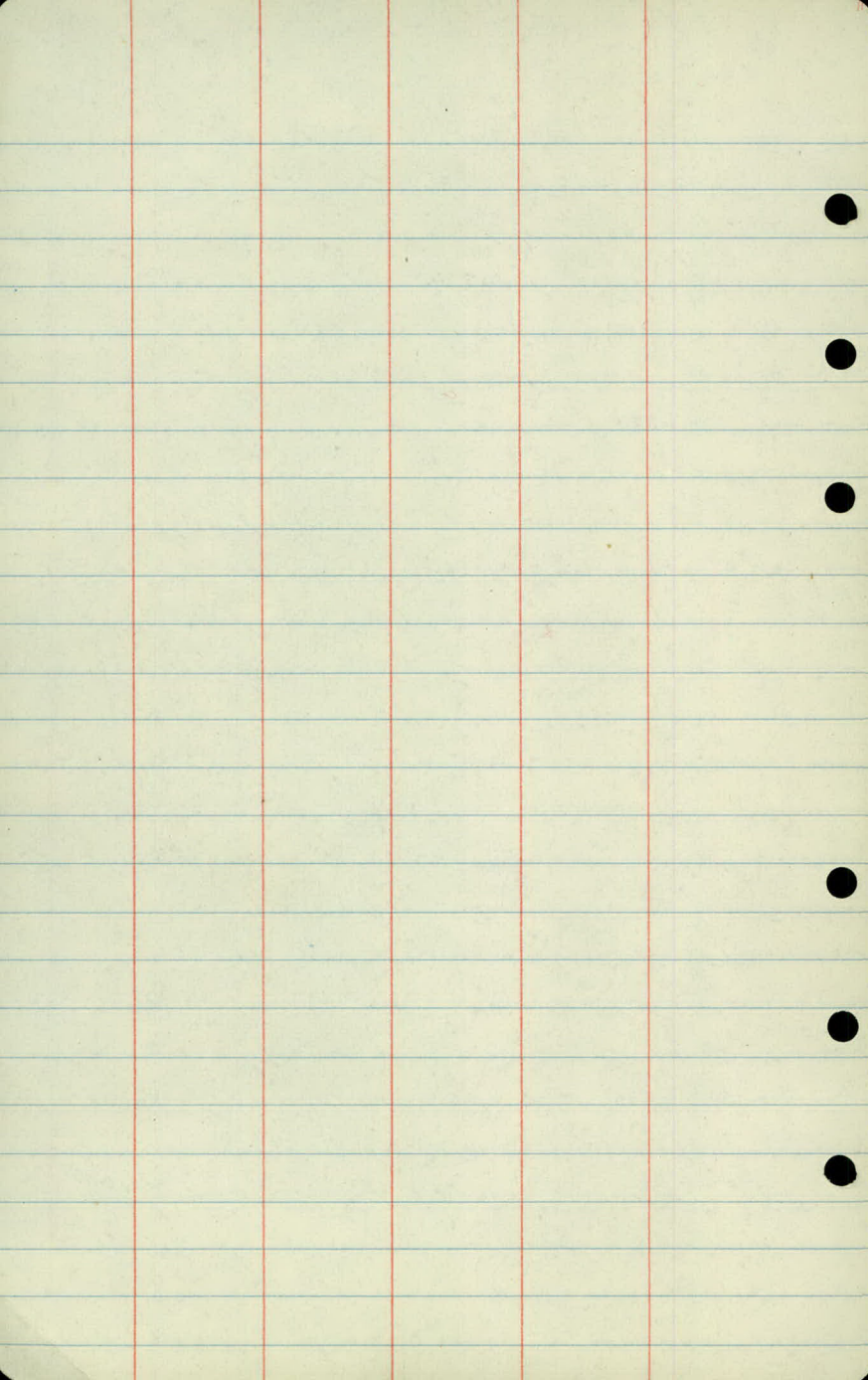
2 15" Oak

Ave

This point is a split on
riding conditions

Wabasso

Ave



Topography

+87 = Edge Bl. Top
+2 = +81'

+55 Fe Cor - 8' +59 = 11'
+47 Fe Cor - 28' Sin R - 4' 9' = +47
25' = +46

4 Fe - 4' 3-20'

+60-3" Elm - 11' +66-36" O - 42'
+61-5" Fir Tank - 33'
+57 Cor Ho - 52 Fe Cor 28-7'
+48 Mos. Wall - 31'
+58-12" CM - 4' +49-End
+38-4" Elm - 32'
+22-5" 28'
+11-4" Elm - 30'

+80-12" O - 31'
+63-End - 12" x 30" CM - 24'

+27- Cor. Ho. - 63'
+37-15" CM - 21'
+17-15" CM - 20'

3 5" 21' 0 14'

Apple Tr.
+71-6" Silver Maple - 28'
+63-5" 21'

+96-End 12" CM - 19'
+88- Cor. Ho. - 32'

2' 11' +50-End 12" CM - 20'

+18-5" 31'
+88-5" 14'

+20-Fe-31' Fe Cor - 44'
+94-12" CM - 14'

2 6' 9'

+93-12" CM - 12' +70 Rd - 151'
+74-12" CM - 20'
+71-6" 32'

+86-12" CM - 9'
+72-End - 181" FP - 12'
+60 Cor Ho - 28' +80-End Fe - 50'
+61-End Hedge - 6'

+45 Red Hodge - 00
+30-12" 42-23'
+26-30" O - 16' +21-5" Ash - 8'

+27-10" Elms - 21'
+23-1" - 20'
+20-1" - 20'
+18- Cor. Ho. - 22'

1 Road - 80-53'
+95-12" 100'
+83-Rd - 100'

+89-24" O - 23'

+84-15" O - 43'
+80-15" O - 53'
+77-15" O - 42'
+57-6" Tw. Birch - 17'

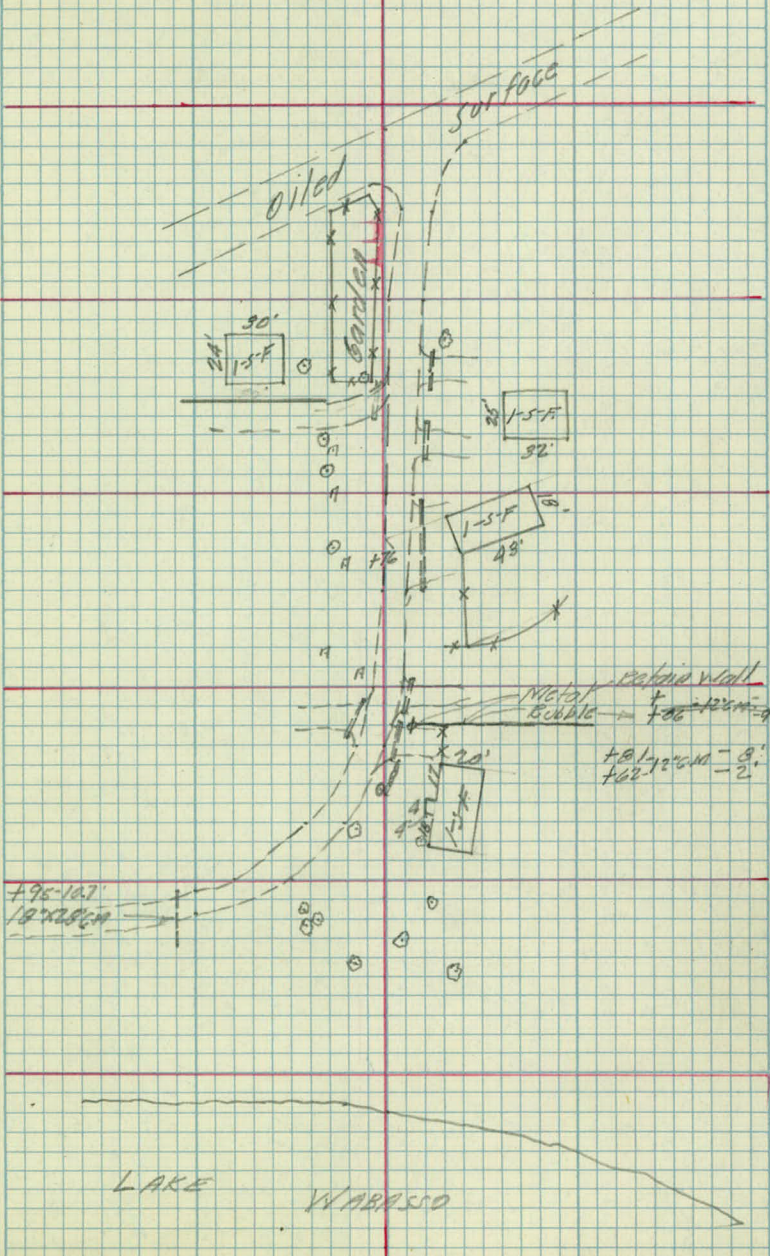
+69-18" O - 9'

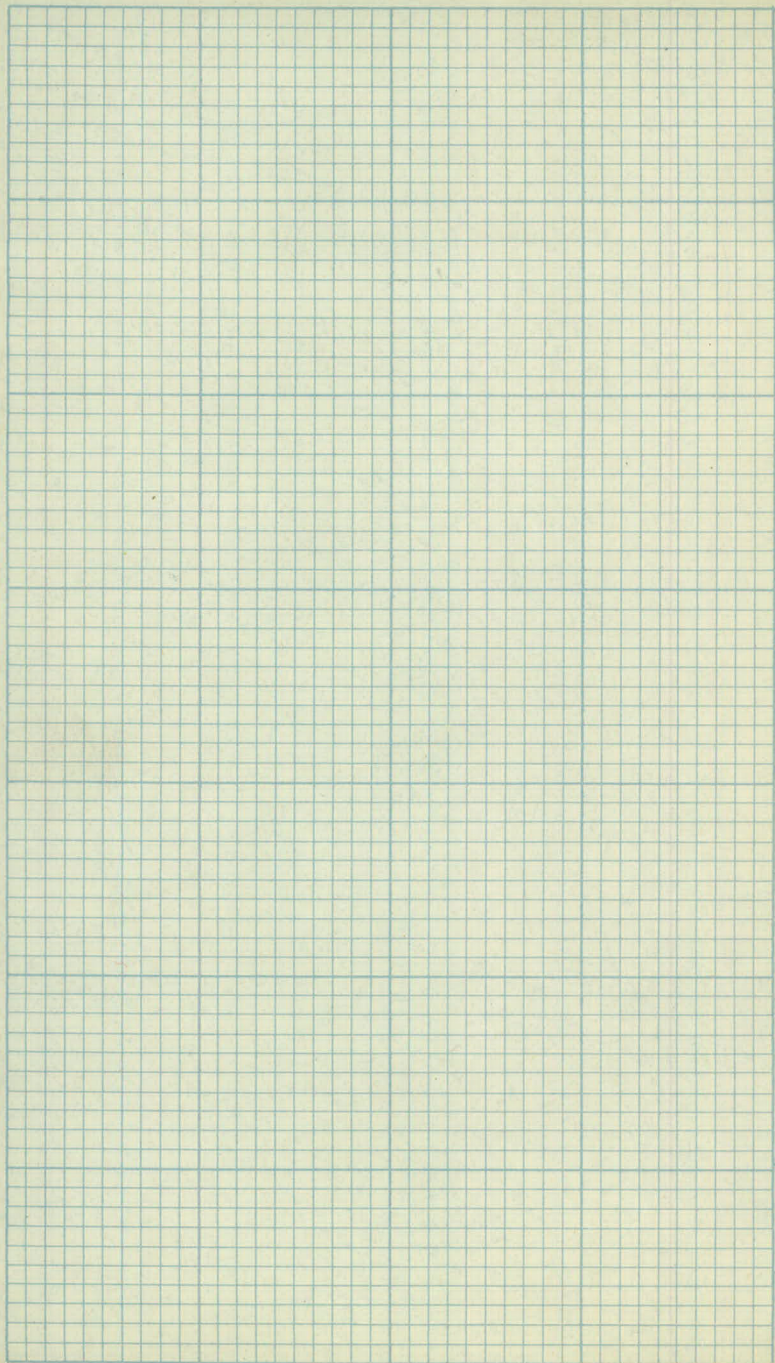
+53-20" O - 36'

-20 = Waters Edge

4-3-47

4





X sections

Sta.	+	T	-	Elev.
B.M.	4.87	897.15		(892.28)

T.P.	11.22	897.31	11.06	896.09
------	-------	--------	-------	--------

0 - 20			11.22	
--------	--	--	-------	--

0 + 00			11.0	
--------	--	--	------	--

+14			10.3	
-----	--	--	------	--

+32			9.5	
-----	--	--	-----	--

+45			8.3	
-----	--	--	-----	--

+55			5.0	
-----	--	--	-----	--

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

1

T.P.	12.80	908.83	1.28	896.03
------	-------	--------	------	--------

L Q E

R.R. Spk in 18" Q. at Owasso Pump (Lake imp)

El. Lake Wabasso

Shoulder rd



32	35	60	62	52	49	50	45	35	30	13	01	106
100	92	75	59	50	25	7		9	15	34	40	50

36	28	10	08	00	25	24	18	12	06	103	120
100	81	58	50	41	24	8		5	19	27	50

Sta.	+	π	-	Elev.
		908.83		

1 +25

+50

+81

+81 Top wall rt.

2

+21

+50

+51 Top End rt

T.P.	13.77	922.60	0.00	908.83
------	-------	--------	------	--------

L

Z

R

Lm 122 129 130 131 120 114 107 113 114 108 104 = at 10.
73 69 59 46 43 36 21 13 13 23

11.1 11.2 11.9 12.0 109 98 108 98 96 96 = 91/100
50 35 32 30 26 9 4 21 27

8.3 85 88 97 89 8.3 8.3 95 83 8.7 86
50 35 19 16 13 7 9 10 28 50

83 8.3 95 74 7.4 69
7 9 13 28 50

67 69 69 81 7.7
50 28 15 11 7

72 7.3 8.3 73 6.8 69
11 12 13 37 50

36 47 5.2 66 65 59 57 54 69 46 56 54 36 39
50 23 13 11 8 6 11 14 18 19 27 30 50

06 11 09 12 53
50 35 28 18 16

30 3.1 43 26 24 6.7 16 Lm
16 18-20 23 25 30 39

Dup.

30

27 23 20 18
12 14 28 39

Sta	+	π	-	Elev.
		922.60		

2 +76

3

+32

+39

+68

4

+50

+57

L

C

F

104 108 115 123 124 141 144 147 146 149 144 128 = 21 120
 50 33 22 21 19 12 11 6 11 18 34

8.8 96 125 130 127
 50 22 15 10 9

12.6 124 124 134 122 112 108
 7 18 19-20 21 34 50

7.6 76 77 115 110 100 100 98 97 94 104 94 90 76
 50 33 20 14 5 2 5 15 20 21 22 28 50

69 72 74
 50 31 13

9.2 9.1 9.3 9.8 8.9 7.9 76
 10 17 24 26 40 50

4.2 55 62 67 75 80 7.1
 50 29 27 6 5 2

6.9 7.1 8.1 7.1 7.3 6.8
 11 23 24 25 33 50

35 4.2 47 45 50 67 62 53 52 50 51 65 45 47
 50 28 27 14 50 1 3 6 14 21 25-27 31 50

18 23 27 28 24 24 28 4.1 39 31 29 32 39 32 28 28
 50 31 28 26 25 16 6 3 5 12 25 30 33 37 50

18 21
 50 26

17 21 28 24 28 34 28 26
 50 26 16 30 32-34 35 50

Sta	+	π	-	Elev
		922.60		

A + 75.18 = 2500 St.

B.M.			2.00	920.60
T.P.	0.10	909.03	13.67	908.93
T.P.	1.58	897.60	13.01	896.02
T.P.			11.51	886.09

4-3-47

9

L

Q

R

1.5 17 19 1.9 1.8

100 50 50 100

12.2 Spt. 10 24" Oak. S.W. Cor. Cottage & 500 St.

El. Lake Wabasso

