

BK. 4 BK. 41 Dr. 11 A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

Walnut Lane

From Horseshoe Dr. E. To Horseshoe Dr. W.

Road Acc't. No.

Date Filed. 8-3-48

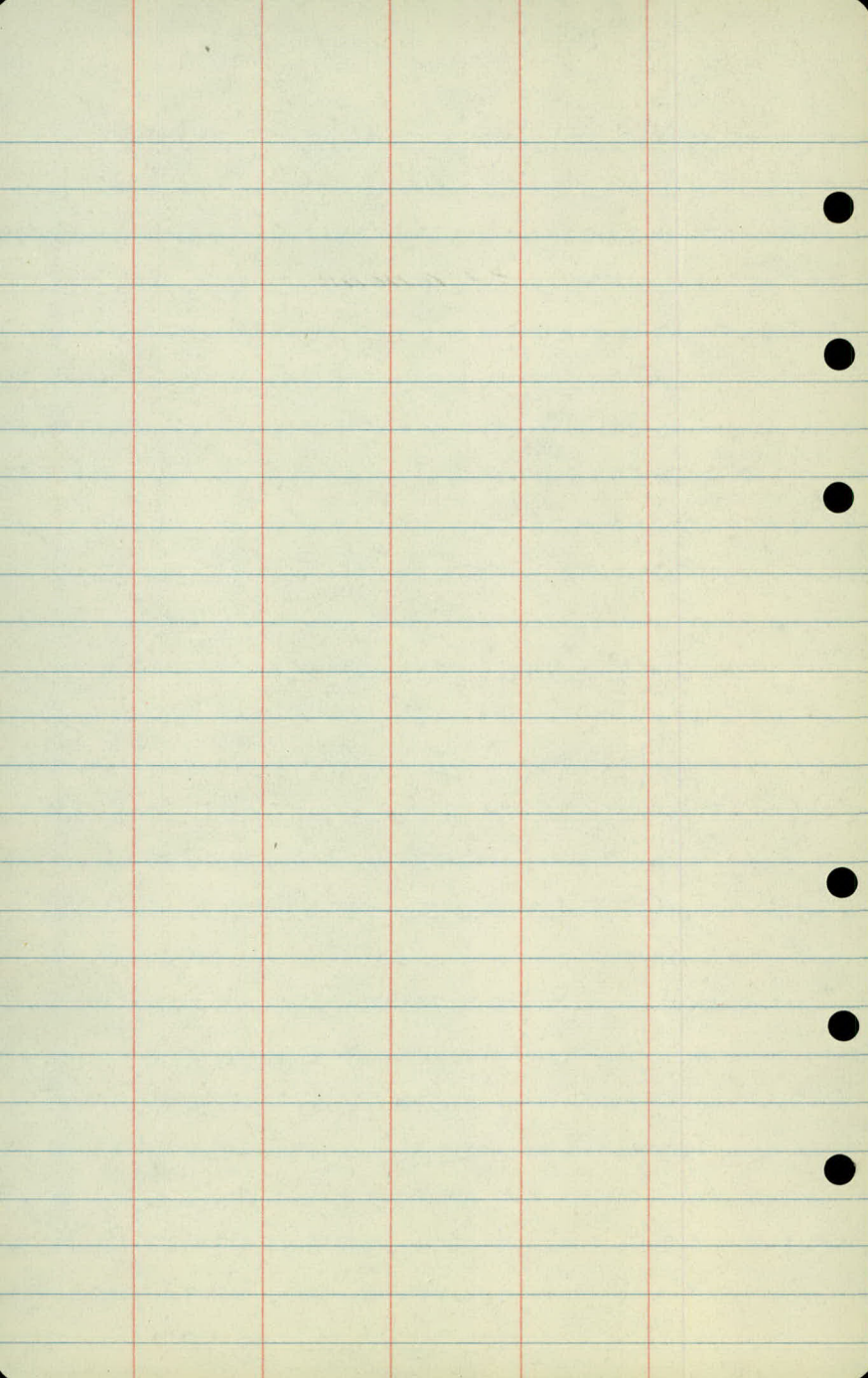
File.

SURVEY OF WALNUT LANE.

Horseshoe Dr. E. to Horseshoe Dr. W.

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Rec 2/19/46



1
Alignment

Used E of travelled road for E

Sta Point

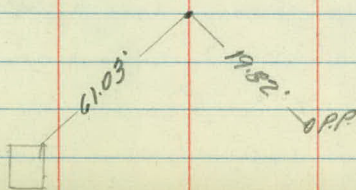
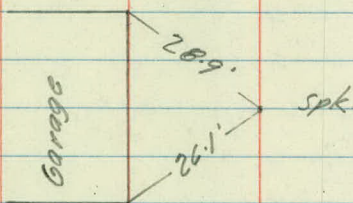
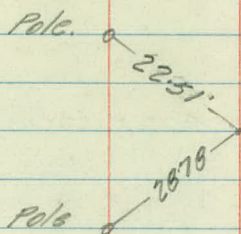
7+27.90 = Approx. $\frac{1}{2}$ of W. Horseshoe Dr.

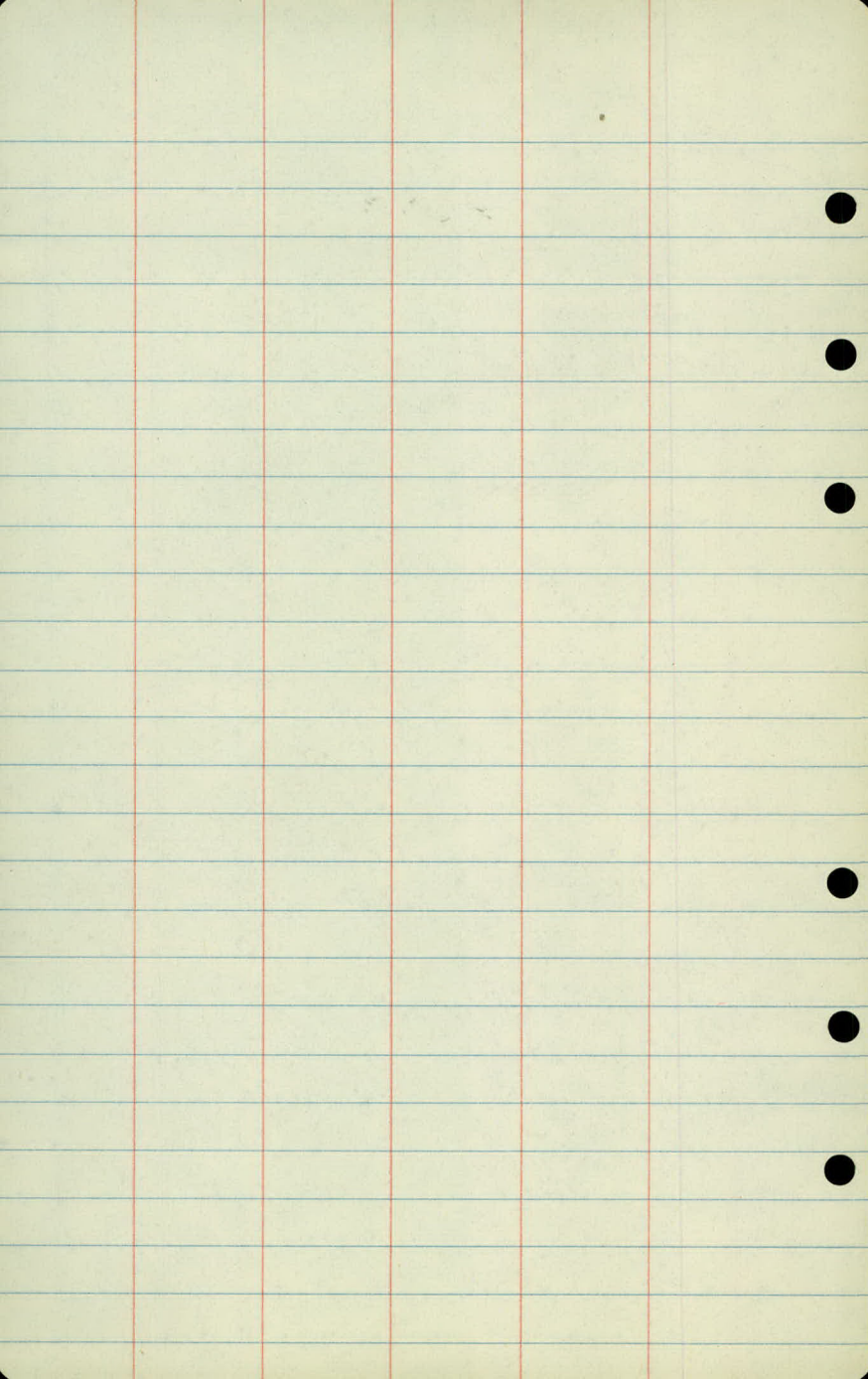
4 +00 P.O.T.

0 +00 = Approx. $\frac{1}{2}$ of E. Horseshoe Dr.

2-13-48

2





Topography

+67-PP-14'

5 +14 - Bottom Well - 17' 9" 9'

+85-End - 12" CM - 13'

+89-End + 15" x 20" CM - 14'

4 +17-PP-15
+19-Cor. Cor. - 26'

+16-Fc. Cor. - 16' 8"

9' 9'

+91-Cor. Cor. - 25'

+65-Max. Well - 21'

+69-Fc. Cor. - 20'

+59-Fc. Cor. - 19'

+15-Fc. Cor. - 21'

+14-End 12" CM - 13'

10'

+18-End

3 +94-End 12" CM - 13'

+66-Cor. Cor. - 20' Approx - 13'

+79-PP-14'

2

8' 7'

1

9' 10' +02-PP-33'

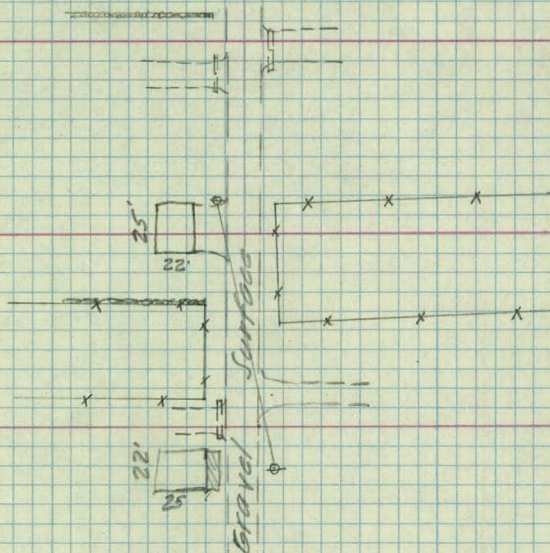
9' 11'

0

+02-End 18" CM - 22'

+22-End 18" CM - 25'

+01-Edge Pav.



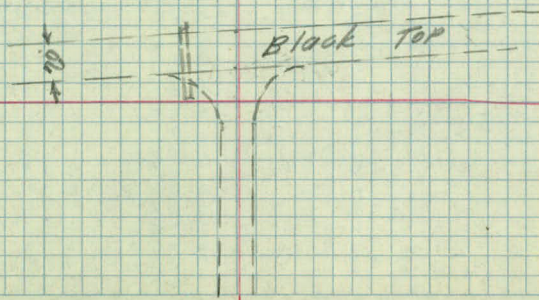
39' ± / 1000
+08-End 12' C.M. - 21' +17-Edge & Pav.

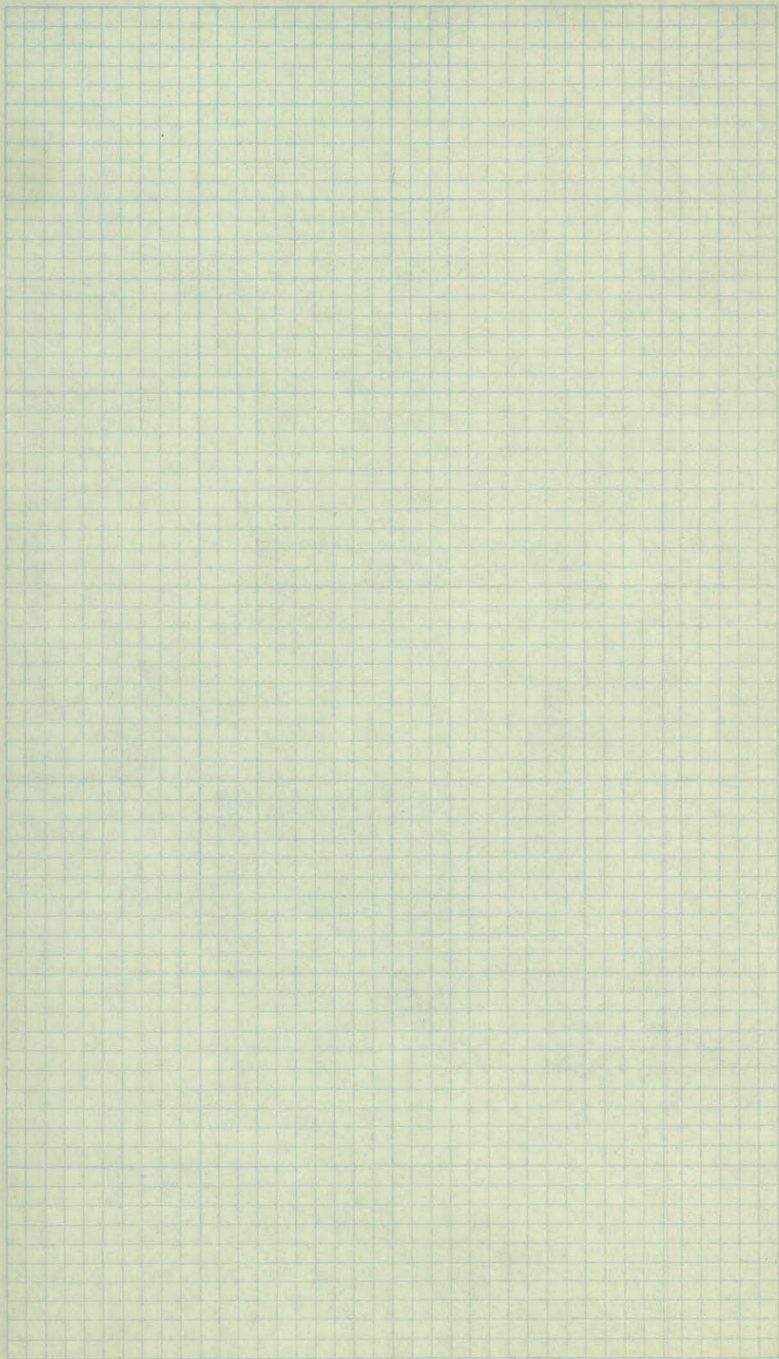
7

190 = 9' 9'

6

9' 9'





/ xsections

Sta	+	π	-	Elev	
B.M.	875	901.03			(892.28)
T.P.	402	899.90	5.15	895.88	
T.P.	12.51	906.24	6.17	893.73	
B.M.	879	914.56	0.47	905.77	

0 +00 Along E of Rd. 05.6

+02 FL 18" C.M.

+22 FL 18" C.M. 06.3

+50 07.1

1 08.7

+40 09.2

+69 09.4

K.H.
H.M.
H.B.
B.C.
2-18-47

L 4 C

Spt. in Ark. - Lake Imp. Bench of Lake Owarso, Perry Ho.

Top 18" C.M. at Sta 0+22

Cont. Down 10.1 9.2 9.0 8.8 8.5
 50 18 32 50

915
15
903.91
10.65
22'

8.3
904.26
10.3
25'

42 54 7.9 7.6 7.5 8.0 9.1 8.7 8.3
30 19 14-11 9 17 20-22 23 30

0.6 11 6.5 6.2 5.9 6.2 6.9 7.9 7.6
30 21 14 9 6 15 18 30

3.3 3.3 5.9 5.7 5.4 5.7 6.1 7.4 6.9 7.3
30 21 14 11 6 14 16-18 20 30

5.3 6.0 5.5 5.2 5.7 6.8 6.6 7.1
30 12 11 9 15 18 30

Sta.	+	π	-	Elev.
		914.56		

2				09.9
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+50				10.5
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+76				10.9
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3				11.4
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T.P.	3.65	915.25	2.96	911.60
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+50				12.2
-----	--	--	--	------

+75				12.3
-----	--	--	--	------

4				12.1
---	--	--	--	------

+26				11.3
-----	--	--	--	------

L
4.9 48 5.5 5.0
30 18 14-12 10

47.52 6.4 6.8
8 15 30

54 52 48 5.2 47
30 16 13 10 9

41 40 42 07 0.0
9 14 22 30

2.8 357 35
20 14 10
COOR. OPEN

37 42.50
9 30

FL 125M 4.00 0.0 14 26 32 38 40 46
13 30 21 12 10 14 30

0.0 0.5 2.0 3.5 32.3 137 4.5 53
30 23 18 15-12 10 10 16 30

14 18 27
30 20 10

30.35 44 53
10 15 30

Gar. floor 105 1.3 32 3.2 3.6 45 50
25 22 9 9 16 30

1.6 1.6 42 4.0 40 44 4.8 44 5.6
30 18 14 10 10 12 14 30

Sta	+	π	-	Elev.
		915.25		

4	+63			08.7
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	+71			08.0
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5				05.5
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	+14 Top Wall			04.4
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	+14 Bottom Wall			
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T.P.	0.49	902.15	13.59	901.66
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	+58			00.9
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6				98.1
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	+50			94.7
--	-----	--	--	------

L = E P

32	30	73	69	46	67	72	63	69
30	19	13	11		11	12	16	30

8.7	79	9.0	7.5
30	15	13	10
FL.			

73	75	79	48	73
10	13	17	30	

9.4	9.2	9.9
30	13	10

9.8	9.9	10.4	9.6	9.7
11	14	16	30	

9.8	9.8	11.1
30	18	14

10.9	11.2	11.6	11.3	12.7
10	12	14	15	30

12.1	11.5	11.1
30	18	14

Dpt

3.4	3.4	1.5	1.5
30	19	14	

1.3	1.4	2.0	1.5	2.0	1.0
9	13	17	20	30	

5.1	4.1	4.5	4.2	4.1
30	16	15	11	

4.3	4.3	1.3	0.5
8	14	20	30

9.2	7.5	7.8	7.5	7.7	5.6	4.8
30	18	9		10	20	30

Sta.	+	π	-	Elev.
		902.15		

7				92.8
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+22.90

92.5

B.M.			10.28	891.87
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T.P.	5.22	901.15	6.22	895.93
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B.M.			8.82	892.33
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(892.28)

L

E

E

107	108	100	97	94	97	105	104
30	18	15	10		14	20	30

96
50

97

98
50

Top 12" cm Lt. sta. 7403

