OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

Co. Rd "H"

From Mounds View Rd To 1318' East

Road Acc't. No. M-2

Date Filed..... File.....

BK 25 Pg 11A

Plan Survey

Co Rd "H"

From Mounds View Rd To 1318' East

Survey Started
6/29/40

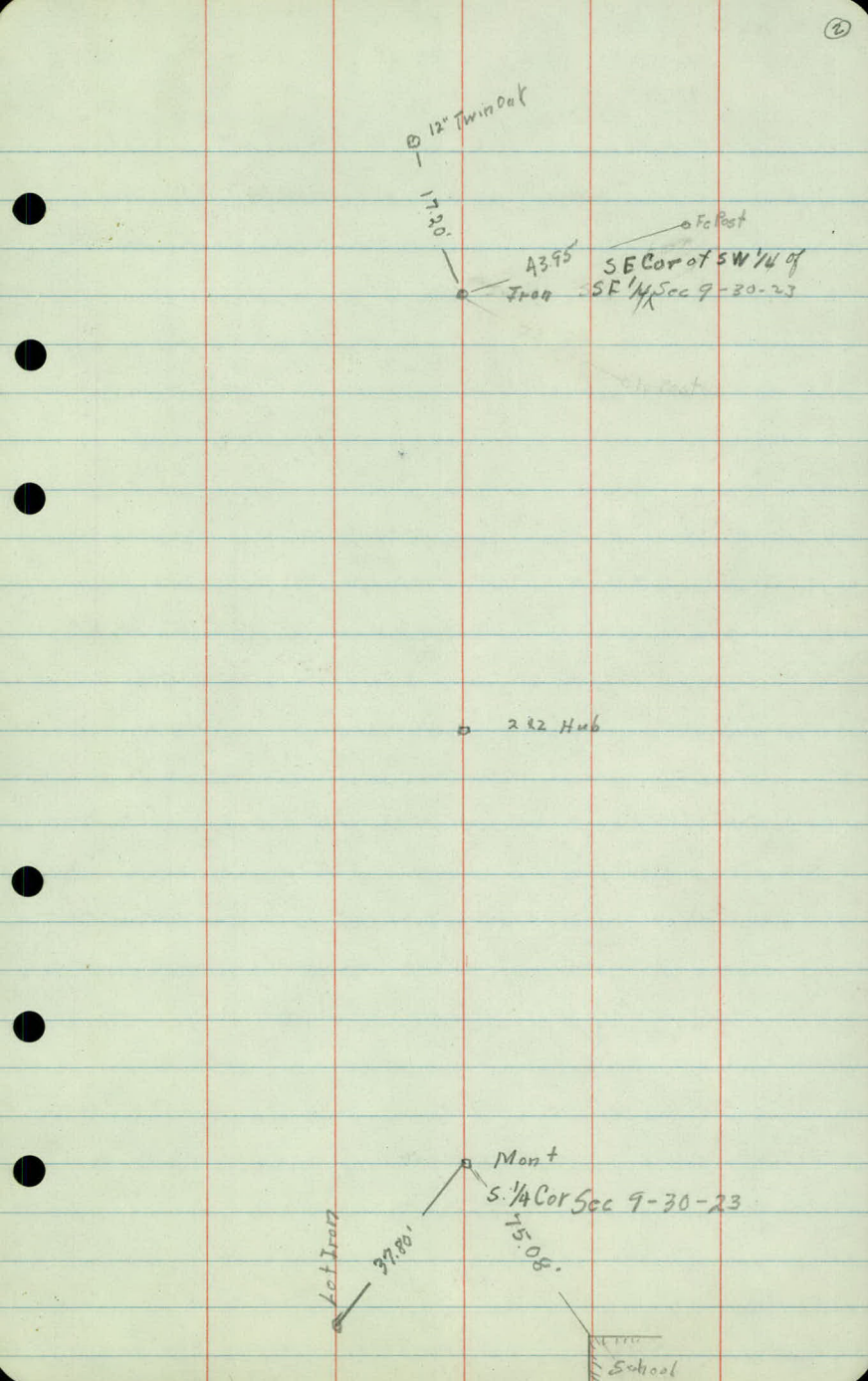
Completed
7-1-40

Index

R.O.P.
HAW "Pops"
A.L.M.
D.C.
C.F.

Worked up
July 6-1940

Sta	Pt	Angle Lt	Rt
13+17.80			
6+00			
0+00			


12" Twin Oak
17.20.
Fe Post
43.95
SE Cor of SW 1/4 of
Iron
SE 1/4 Sec 9-30-23
2 82 Hub
Mon t
S. 1/4 Cor Sec 9-30-23
37.80'
45.08.
Lot Iron
School

Topography

Co. Rd. "H"

from Mounds View Rd.
1/4 mi. East

7

6

5

4

3

2

1

0

+15 shldr xs ℄

+150 End Cult _____

Cultivated

+62 Beg Cult. — — — —

Cultivated

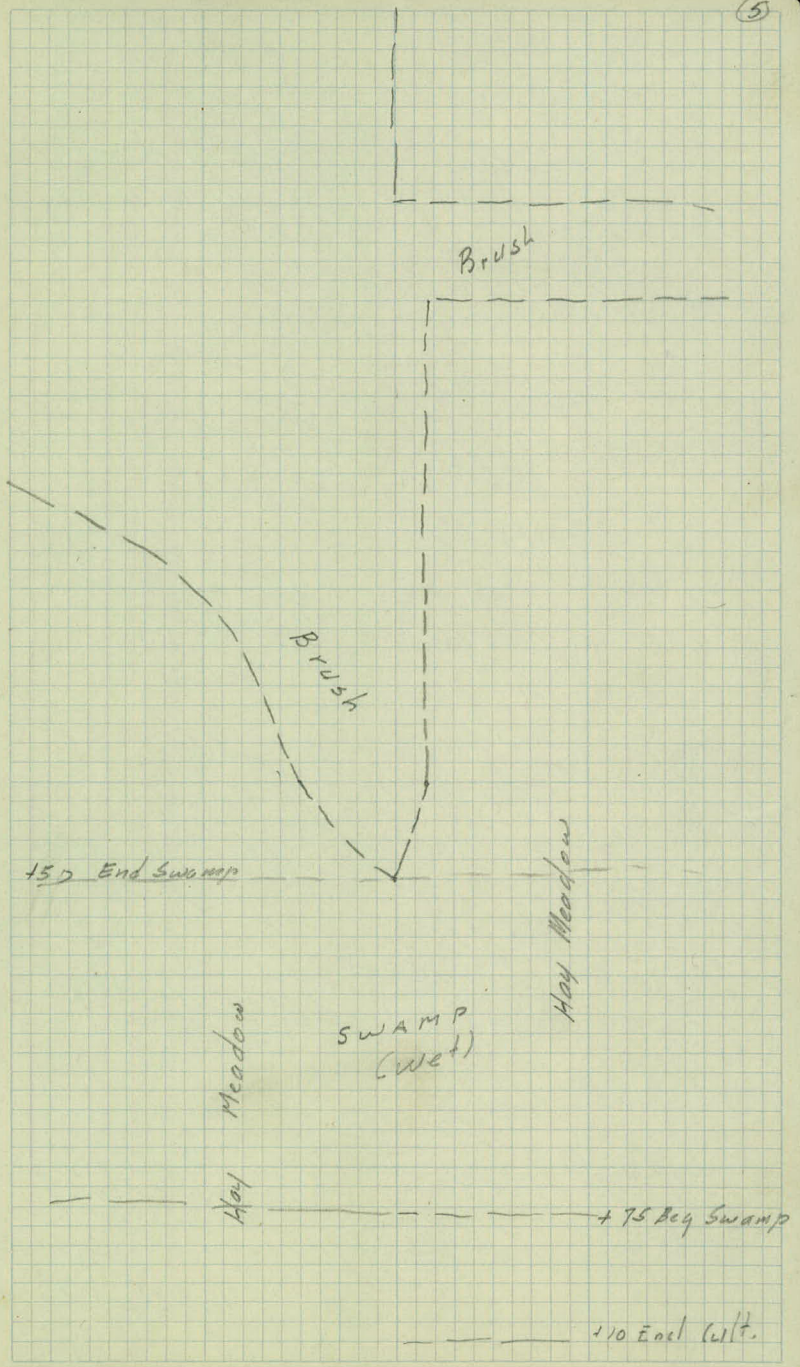
Hay Field

— — — — — +60 Begin Cult.

Hay Field

+21 PP 82'

MOUNDS VIEW ROAD.


Brush
Brush
+15 End Swamp
Hay Meadow
SWAMP
(wet)
Hay Meadow
Hay
+75 Beg Swamp
+10 End Cult.

Bench Levels

Sta	+	⊼	−	Elev
B.M.	6.29	904.84		898.55
	12.31	915.29	1.86	902.98
	6.22	911.57	9.94	905.35
	13.61	924.95	0.23	911.34
	12.71	936.77	0.89	924.06
	13.10	949.53	0.34	936.43
B.M.			0.34	949.19

Description

N.E Cor. Bottom step School Ho S.W Cor Co Rd N & M.V. Rd.

Spk in 15" Twin Oak 1' Lt Sta 13+30

Cross Sections

Co. Rd. "H"
from Mdse View Rd
¼ Mile East

Sta	+	⊼	−	Elev.
B.M.	7.89	906.44		898.55
0+00	℄ Mounds View Rd.		9.5	96.9
+15			10.2	96.2
+20			11.4	95.0
+23			10.6	95.8
+50			10.6	95.8
1			12.3	94.1
+50			11.8	94.6
2			9.1	97.3
+50			7.0	99.4
3			4.5	01.9
+50			1.6	04.8
T.P.	11.32	916.05	1.71	904.73
4			8.4	07.7

N. E. Cor. Bottom Step School House

10.4/50 9.5 9.2/50

10.7/50 10.2 9.3/50

12.0/50 11.4 11.4/5 11.5/50

11.0/50 10.6 10.9/50

11.4/50 11.3/33 10.7/8 10.2/4 10.6/3 10.6 10.4/9 10.7/13 11.1/32 11.0/50

13.3/50 12.9/29 12.2/7 11.8/2 12.3 11.9/28 11.6/50

13.5/50 12.4/28 11.5/8 11.8 10.2/8 9.0/50

11.6/50 10.8/27 9.1 8.8/19 8.0/50

8.6/50 8.5/30 7.1/7 6.6/4 7.0 7.3/7 6.4/33 5.4/50

6.7/50 6.5/32 5.1/10 4.1/2 4.5 4.6/30 3.9/50

3.8/50 3.1/25 2.2/9 1.1/3 1.6 2.3/17 0.9/50

11.1/50 10.4/29 8.6/7 8.0/4 8.4 8.9/6 8.9/27 8.3/50

Sta.	+	⊼	−	Elev.
		916.05		
4+50			5.9	10.2
5			4.7	11.4
+50			4.9	11.2
			5.4	10.7
+50			7.0	09.1
			12.0	04.1
T.P.	2.56	907.92	10.69	905.36
+50			9.6	98.3
+75			12.1	95.8
			12.3	95.6
+50			13.0	94.9
			11.8	96.1
+50			9.1	98.8
T.P.	12.65	916.99	3.58	904.34

9.5/50 8.9/30 6.4 5.4/5 5.9 6.5/5 6.4/32 5.6/50

8.0/50 7.2/31 5.0 4.1/5 4.7 5.2/5 4.9/26 4.0/50

8.5/50 7.8/36 5.2 4.5/5 4.9 5.5/5 5.3/32 4.3/50

10.5/50 8.1/29 6.1 4.9/11 4.7/3 5.4 5.9/5 6.1/26 5.4/50

12.9/50 11.6/32 8.5/14 6.6/7 6.5/3 7.0 7.5/4 7.2/22 6.2/44 6.5/50

15.7/50 14.6/26 12.3/4 12.0 12.1/24 11.7/50

12.4/50 11.2/21 10.0/3 9.6 9.2/14 7.9/50

12.7/50 12.4/26 12.1 12.0/33 11.1/50

13.1/50 12.8/24 12.3 12.6/20 12.4/50

Suggest Culvert Drainage to North 13.3/50 13.3/25 13.0 13.0/27 12.6/50

13.3/50 13.1/27 11.8 12.0/19 12.4/50

12.9/50 11.9/28 9.1 8.7/5 8.2/25 8.7/50

Sta	+	℄	−	Elev.	
		916.99			
10			14.0	03.0	
+50			8.9	08.1	
T.P.	12.74	923.10	6.63	910.36	
11			9.7	13.4	
+50			3.0	20.1	
T.P.	12.66	935.33	0.43	922.67	
12			7.8	27.5	
+27			3.1	32.2	
T.P.	13.74	947.72	1.35	933.98	
+50			10.1	37.6	
+80			6.8	40.9	
13			4.3	43.4	
+17			2.2	45.5	
T.P.	4.93	950.92	1.73	945.99	
B.M.			1.72	949.22	949.19

18.5/50 16.5/27 15.5/18 14.8/10 14.0 | 12.5/6 13.0/23 12.0/50

13.9/50 12.1/25 9.9/10 8.9 | 6.9/8 7.2/17 8.4/21 7.4/50

14.7/50 14.0/43 11.7/21 10.7/6 9.7 | 8.8/4 7.2/11 7.2/15 7.7/22 9.9/26 8.0/31 8.7/50 (9.2)

6.5/50 5.5/44 4.5/21 3.5/3 3.0 | 2.6/4 2.3/13 2.6/23 3.7/25 (2.8) 2.8/29 1.5/50

8.2/50 8.0/30 7.7/9 7.8 | 8.2/8 9.6/14 9.3/27 8.7/28 7.3/50

5.1/50 4.1/22 3.0/11 3.1 | 3.4/11 4.6/22 3.6/36 1.1/50

11.5/50 8.4/20 8.5/8 9.4/4 10.1 | 10.8/3 12.2/8 13.8/21 12.6/50

7.0/50 3.8/34 2.7/24 3.6/16 3.4/7 6.8 | 7.7/5 8.4/16 9.5/25 10.3/50

+7.7/50 +7.5/32 +5.7/19 2.0/11 3.5/5 4.3 | 5.0/5 5.3/11 8.3/33 7.8/50

+8.0/50 +5.5/36 +0.5/15 1.6/2 2.2 | 2.2/25 2.2/50

Sph 15° Twin Oak 1'Lt 13+30

Additional Topog
Co. Rd. "H"

14

13

+99 stump 4'
+97 stump 19
+85 stump 21
12 +78 stumps 6-36

+99 25 stump 16-25
+82 stump 4
+71 stump 6
+67 stump 6
+63 2 tr. 17-20
+63 stump 10
+62 stump 5
11 +60 stump 6

+00 31
+95 45 stump 5
10 +81 stump 4-5

+72 stump 4

+91 25 stump
+78 - 4 stump
+64 stump
+51 stump
+43 stump
+41 stump

+78 4 stump 4 tr.

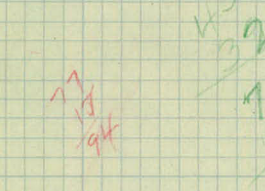
+47 stump 4

+94 4
+78 - 4

+96 stump 14 - 20
+95 3 tr. 3-5
+94 stump 22
+84 stump 9
+73 stump 1

+95 3 tr. 2
+85 stump 10
+83 stump 8
+76 4 tr. 4
+63 2-4-8

9



+14 Stump 37
+09 Stump 24
+02 Stumps 19-20
+68 Stump 4
+66 Stump 17
+59 Stumps 12-25-30
+42 Stump 8
+29 Stump 8
+20 - Stumps 4-20
+27 Stump 4Tr - 18
+17 Stump 14
+06 Stumps 16-11-5
+07 Stump 3Tr+26
+57 18
+56 Stump 9
+38 5Tr. 14
+24 3Tr. 14
+20 16-20
+17 17
+13 Stump 2Tr - 11
+39 4
+20 3
+03 - Stump - 03
+77 14-29
+62 6Tr. 23-28-32
+48 10-12-14
+42 2-8
+33 5-13-23-28-30
+21 8-25
+19 15
+18 2Tr. 24-39
+07 3Tr. 24
+06 20-23
+99 18-24-30

+90 16
+89 Stump 6
+78 10
+60 5

+04 Stump 19
+66 Stump 24
+63 5Tr. 14
+57 3Tr. 13
+50 2 Stumps 22
+49 2Tr. 6-3Tr. 10
+45 Stump - 4
+38 Stump 10
+162 Stump 15
+07 Stump - 18
+04 Stump 2
+91 Stump 3Tr. - 2

+40 Stump 4Tr. 4
+30 Stump 5Tr 5
+18 Stump 7&10
+10 Stump 7
+52 Stump 4 - 6
+47 4-6
+42 5-7
+37 9
+29 - 2-3-4-6
+26 5 Stumps 4-5
+23 Stumps 1-3
+12 6
+10 4
+09 7

+99 5
+84 8
+91 Stump 7
+84 6
+83 12
+62 4

SOUNDINGS
CO. Rd. "H"

Sta.	Struck Sand
½" Rods - no point - Hand Push.	
8+00	3'
+50	4'
+75	3'
9+00	2'

Slope Stake Notes
Co. Rd. "H"
Mdse. View Rd - 1150' East

Staked - 8-13-40

4 Pages

Party:
ROP
AM
LG
CF

Sta.	+	⊼	-	Elev.	
B.M.	2.96	901.51		898.55	
0+15 ×				96.7	
+20 ×				96.7	
+23 ×				96.7	
+50				96.6	4.9
1				96.4	5.1
+50				96.6	4.9
2				97.4	4.1
+50				99.0	2.5
T.P.	11.80	913.09	0.22	901.29	
3				01.2	11.9
+50				03.8	9.3
4				06.4	6.7
+50				08.5	4.6
5				09.5	3.6
T.P.	3.19	915.31	0.97	912.12	

Top Bottom Conc. Step N.E. Cor. Sch/ Ho.

6.0 F1.4 15.2	5.7 F0.8	5.8 F1.0 15.0
7.8 F2.7 18.4	7.4 F2.3	7.0 F1.9 16.8
6.9 F2.0 17.0	5.9 F1.0	5.3 DC0.4 13.8
5.4 F1.3 15.6	4.3 F0.2	3.7 C0.2 15.0
2.9 DC0.4 13.8	2.0 C0.5	1.9 C0.6 15.8
12.3 DC0.4 13.8	11.1 C0.8	11.5 C0.4 15.4
9.5 DC0.6 14.2	8.6 C0.7	8.9 C0.4 15.4
6.6 C0.1 14.8	5.3 C1.4	6.0 C0.7 16.0
4.2 C0.4 16.4	2.9 C1.7	3.5 C1.1 16.8
12.8 C0.9 14.4	11.7 C1.9	12.9 C1.4 17.8

Sta	+	⊼	−	Elev	
		915.31			
5+50				09.5	5.8
6				08.4	6.9
+50				06.3	9.0
7				03.1	12.2
T.P.	2.63	905.74	12.20	903.11	
+50				00.0	05.7
+75				99.0	06.7
8				98.3	07.4
+50				97.8	7.9
9				98.5	7.2
+50				00.6	5.1
10				03.9	1.8
T.P.	13.09	913.32	5.51	900.23	
+50				07.9	5.4
T.P.	8.59	919.86	2.05	911.27	

5.3 C0.5 15.6	4.2 C1.6	4.7 C1.1 16.8
5.9 C1.0 16.6	4.8 C2.1	5.4 C1.5 17.6
8.1 C0.9 16.4	6.2 C2.8	6.6 C2.6 19.4
12.8 DC0.2 13.4	11.2 C1.0	11.0 C1.2 17.0
9.0 F3.3 19.6	7.4 F1.7	7.0 F1.3 15.6
10.1 F3.4 19.8	9.9 F3.2	9.9 F3.2 19.4
10.6 F3.2 19.4	10.1 F2.7	10.3 F2.9 18.8
11.1 F3.2 19.4	10.7 F2.9	10.7 F2.8 18.6
10.6 F3.4 19.8	9.5 F2.4	9.7 F2.5 18.0
8.9 F3.8 20.6	6.8 F1.7	6.1 F1.0 15.0
4.5 F2.7 18.4	2.7 F0.9	1.6 C0.4 15.4
7.3 F1.9 16.8	5.0 C0.4	3.8 C1.2 17.8

Sta.	+	℄	−	Elev.	
		91986			
11				12.8	7.1
T.P	6.22	925.84	0.22	919.62	
+50				19.6	6.2
B.M.				949.19	
T.P.	11.83	936.15	1.52	924.32	
T.P	12.45	948.37	0.23	935.92	
	5.19	951.27	2.29	946.08	
			1.96	949.31	

2.9 F0.8 14.6	6.6 C0.5	4.7 C2.4 19.4
6.6 F0.4 13.8	5.5 C0.7	5.5 C0.7 16.0

Spike in 15" Twin Oak 1'Lt 13+30