Book-11 Dr. 11-A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plains Survey

From To

Road Acc't. No.

Date Filed File

SUNSET LANE

FAIRFIELD DRIVE

VALLEY VIEW ROAD

ORCHARD PLACE

OAKWOOD DRIVE

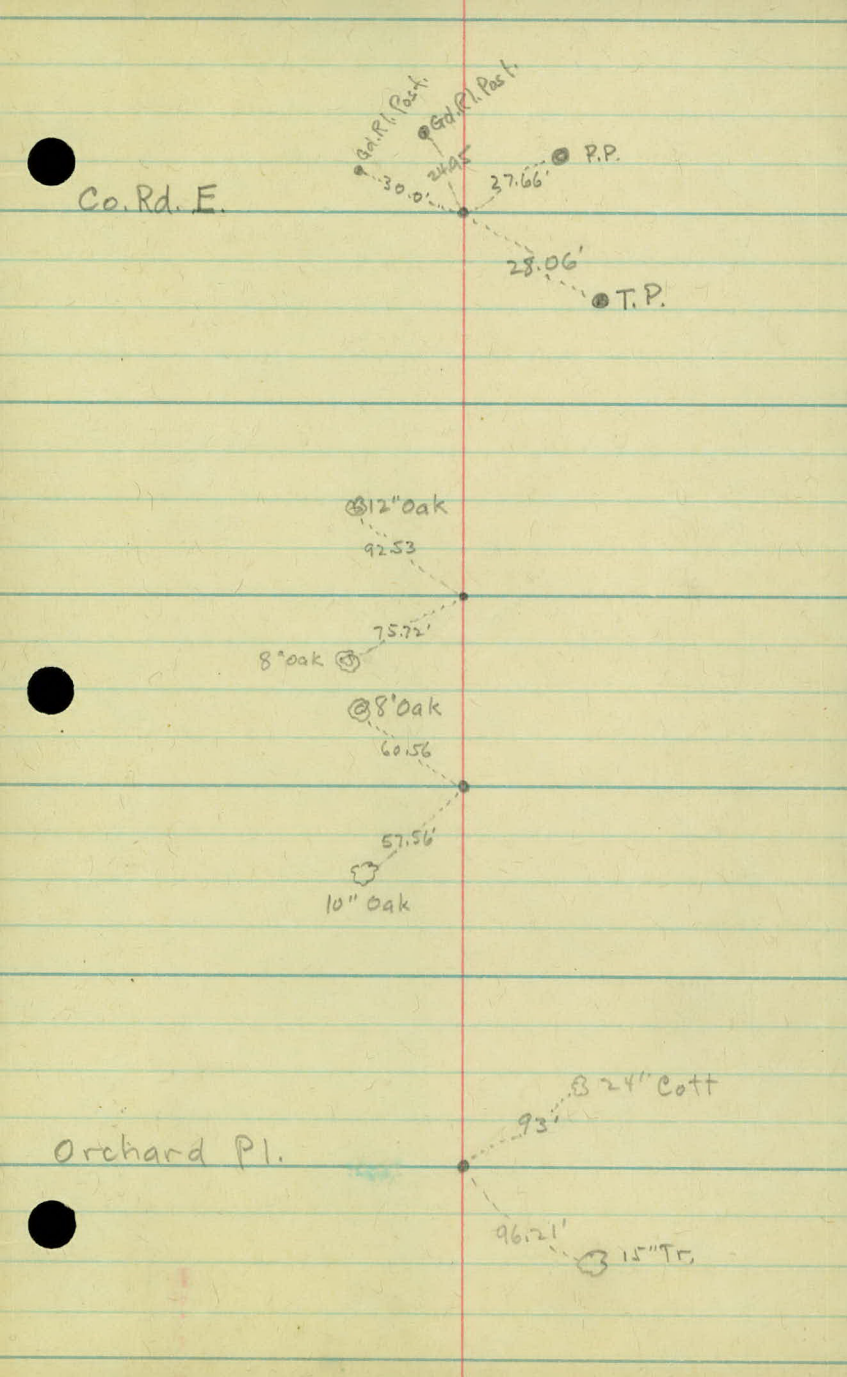
Alignment
Oakwood Drive
in
Mounds View Acres

26+24.27 P.O.T.

17+65.46 P.O.T.

13+61 P.O.T.

0+00 P.O.T.


Co. Rd. E.
Gd. Rl. Post
Gd. Rl. Post
30.0'
24.45'
37.66'
P.P.
28.06'
T.P.
12" Oak
92.53'
75.72'
8" Oak
8" Oak
60.56'
57.56'
10" Oak
Orchard Pl.
24" Cott
93'
96.21'
15" Tr.

Purtell
9/30/35

TOPOGRAPHY
OAKWOOD DRIVE
IN
MOUNDS VIEW ACRES

Tr
5+3

Dt
175

Tr
176

5

Trail
5+2

8" Tr.
160

Ditch
155

4

Trail
3+3

Ditch
136

+42-24" Tr
124

+07-24" Tr
120

3

Trail
1-7

Ditch
123

+51-10" Tr
28

+08-10" Str
38

+22-24" Tr
110

2

Trail
6-13

Ditch
104

+83-24" Tr
100

1

Trail
8-0

Ditch
87

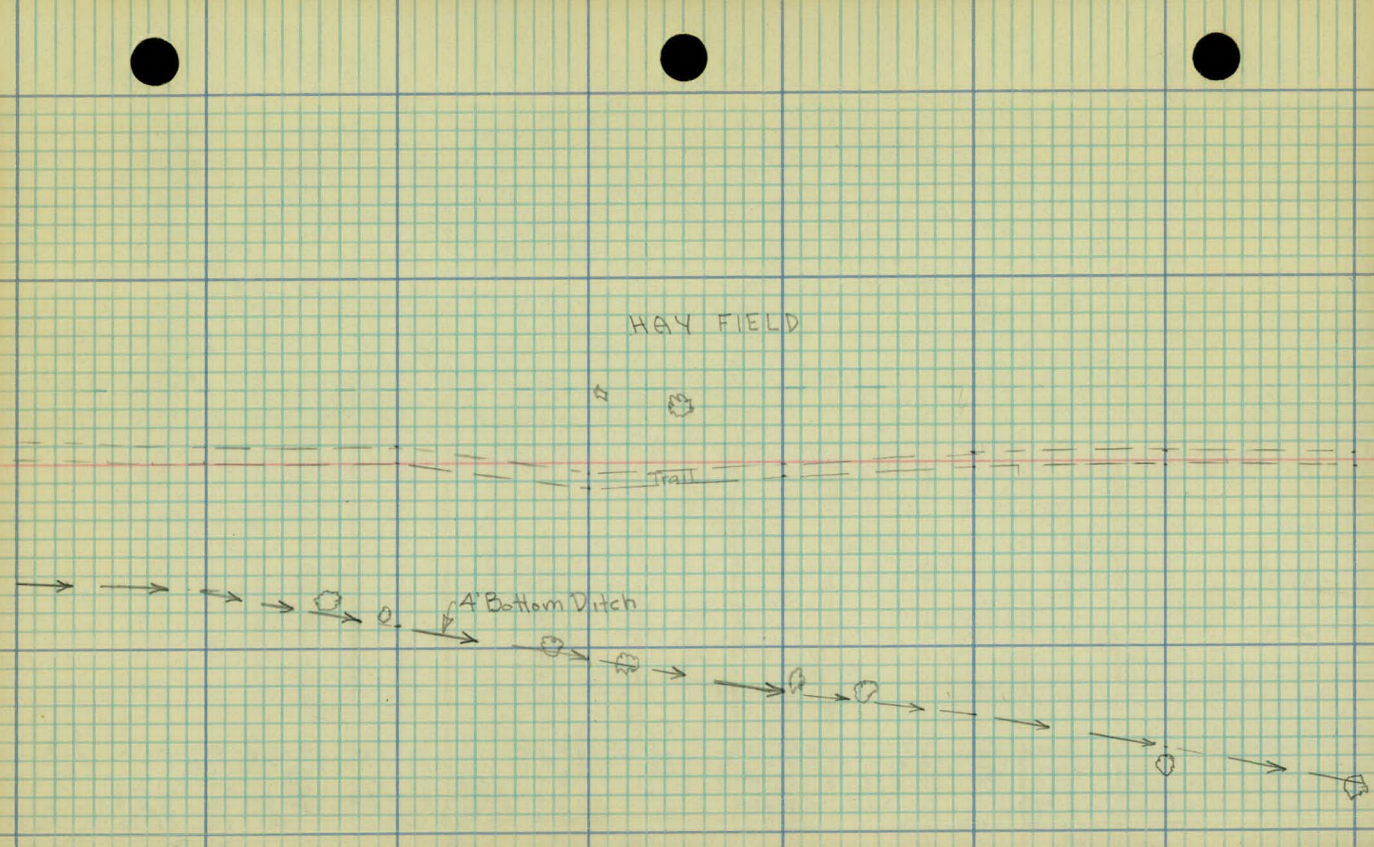
+93-24" Tr
83

+57-30" Tr
74

0+00

Trail
7-0

Ditch
68


HAY FIELD
Trail
4' Bottom Ditch

Trail
2-9

+95-10"Stp
20

12

Trail
0-7

11

Trail
3-4

10

Trail
4-3

+62-30"Tr
23
+16-18"Tr
73
+08-24"Tr
12

9

Trail
4-4

+95-24"Tr
94

8

Trail
2-4

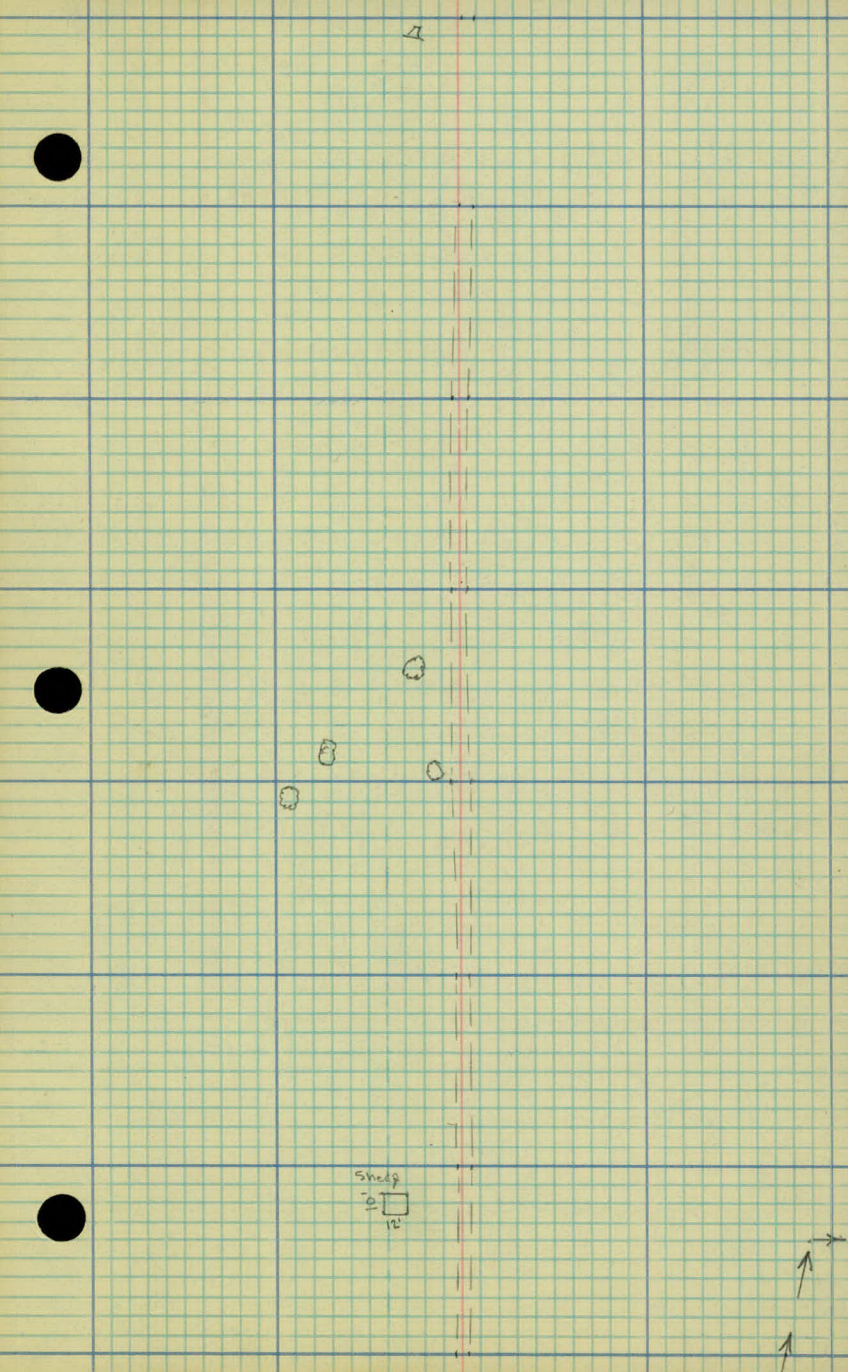
7

Trail
2-4

+75 CarShed
30

+60 Ditch
188

6


Shed
12

+59 Beg Colt
21

+42 P.P.
16

+20-8" Tr
19

19 Rd
7-2

+16 Cor Hts
75

+135 Stp
52

+01 P.P.
17

18 Rd
6-5

+90 Stp +97 Stp.
33 33

+70 Stp 18"
37

+59 Ent R/L

+78 Cor. Hts.
120

17 +00 End Woods 30 Rd 5-4

+62 P.P.
15

+33 End Garden
11

16 Woods 32 Rd 6-4

+87 Beg Gravel Top +87 Ent

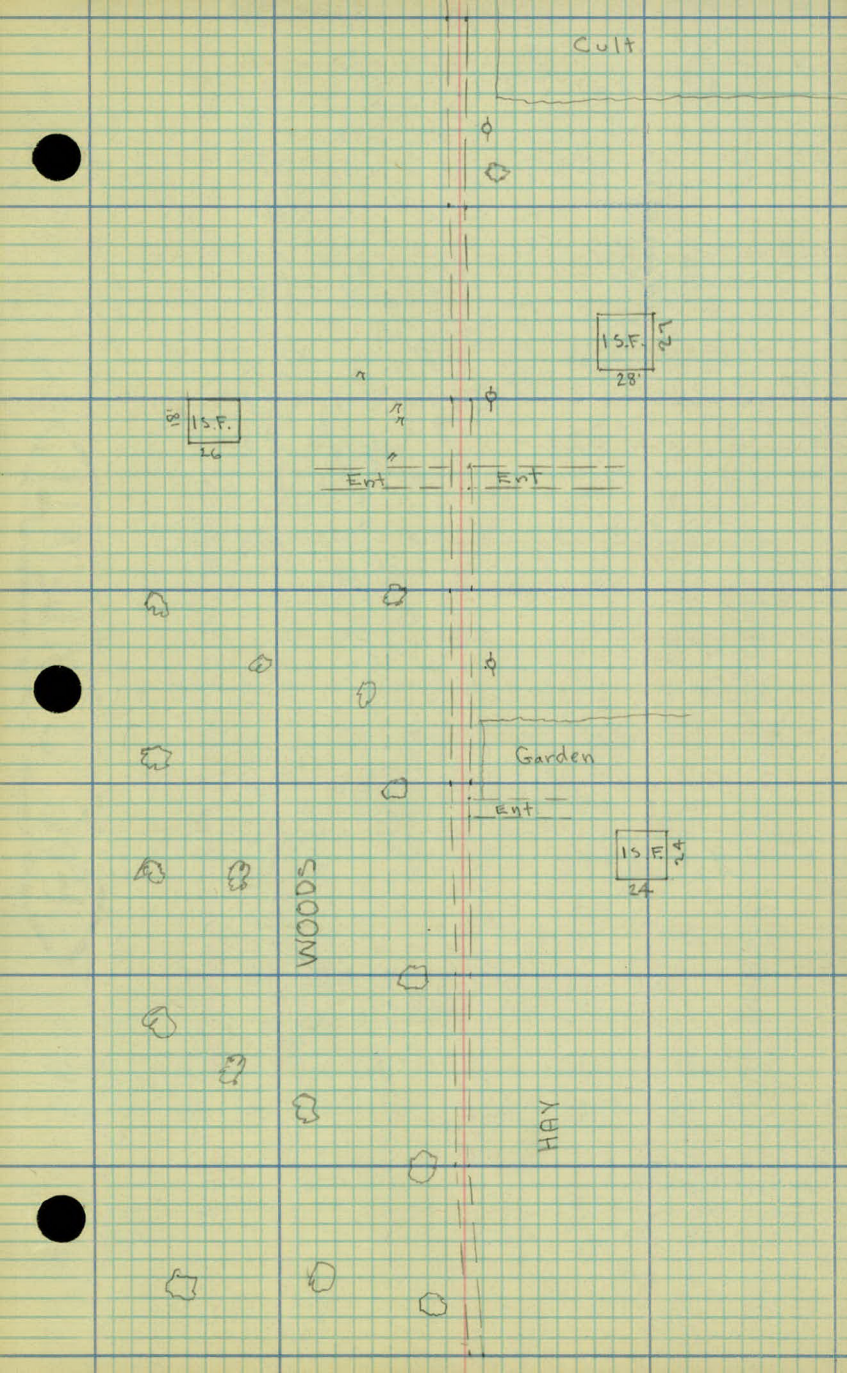
+50 Cor Hts
83

15 Woods 20 Trail 4-3

14 Woods 16 Trail 5-2

+25 Beg Wood
14

13


Cult
1 S.F.
28'
24'
1 S.F.
26'
Ent
Ent
Garden
Ent
1 S.F.
24'
24
WOODS
HAY

+35 Gd Rl
23

+35 Shoulder
+13 Shoulder
26 + 14

+12 Gd Rl
28

+08 12"x36 CM
25 - 11

+50 PP
9

+02 Cov Gr Rl
18

Rd
13 - 4

26

+85 Rd
11 - 1

+55 End Woods
68

+23 PP
10

+99 T.P.
11

+06 Corn Hb
67

Rd
11 - 1

25

+95 Ent

+68 Row Trs
21

+86 Row Trs
22

+63 End Cult.

+39 Beg Woods
45

+01 Cov Shed
115

+36 End Orchard
23

Rd
12 - 3

24

+82 - 18" Twin Oaks
40

+63 Beg Orchard
27

+45 - 30" Tr
36

+73 PP
12

Rd
10 - 2

23

+38 PP
14

Rd
9 - 0

22

Rd
8 - 1

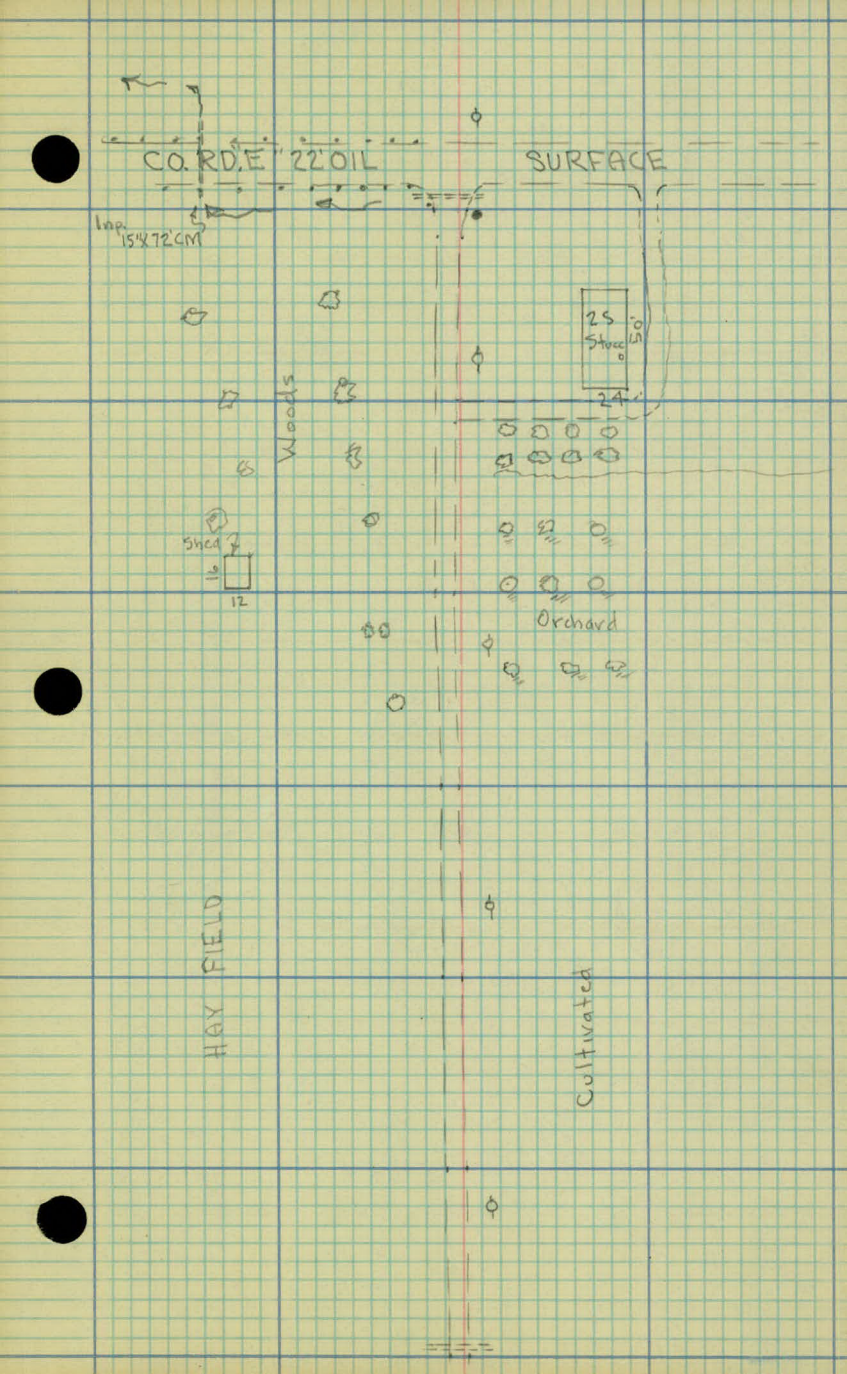
21

+84 PP
14

+02 - 12x36 CM
20 - 16

Rd
7 - 2

20


CO. RD. E
22' OIL
SURFACE
Imp.
15'X72'CM
25
Stock
24'
Woods
Shed
12
Orchard
HAY FIELD
Cultivated

9/26/35
Purdell

X-Sections
Oakwood Drive
in
Mounds View Acres

Sta	+	±	−		
B.M.	12.03	923.36 ✓			911.33
0+00				11.1 -	
1				12.3 -	
2				12.6 -	
⊙	9.85	923.70 ✓	9.51	913.85 ✓	
+55				13.6 -	
3				14.6 -	
+35				15.5 -	

Spk. in 24" C.tw. 100' N.E. of Orchard Place & Oakwood Drive

0 8.1 d

Ditch

5.7/100 8.8/65 10.7/37 12.3 12.9/54 13.6/63 15.3/17-70 13.8/74 13.3/100

1.8/100 5.5/73 7.4/49 8.6/42 10.2/21 10.5/11 11.3/7 11.1 12.4/50 12.7/75 12.2/79 15.6/83-87 12.6/92-100

00/58 1.0/47 7.8/29 10.2/10 10.8 10.8/13 11.6/42 11.9/87 10.3/92 10.7/95 15.9/100-103

11.3/119 11.4/107

Top Stk @ Sta 2+00

07.3

7.8/16 8.7/10 9.5/8 10.1 10.5/16 11.2/46 10.7/73 9.9/82 9.3/100-106 16.4/116-118

9.0/123

3.8/18 6.4/12 8.9/8 9.1 9.9/21 9.8/47 9.0/56 9.5/69 10.9/100

5.4/12 7.9/8 8.2 8.3/30 9.4/75 10.4/100

Sta	+	π	-	
		923.70 ✓		
4				14.9 -
+40				15.7 -
+93				17.9
5				17.5 -
⊙	11.58	935.05 ✓	0.23	923.47 ✓
2				12.6
+55				13.6
3				14.6
+35				15.5

'55. = Same Slope

00/59 5.2/31 8.4/9 8.8 10.5/16 11.9/66 12.5/100

00/83 2.7/65 5.3/29 7.4/7 8.0 8.8/8 10.3/21 12.8/71 13.6/100

00/40 3.0/13 5.6/8 5.8 6.7/6 8.6/24 10.1/37 11.3/49 13.3/79 14.5/100

6.2

55/150 5.2/100 7.7/81 -22.4

55/175 0.6/100 5.0/64 8.8/39 14.4/25 -21.4

55/175 00/100 7.2/48 8.9/31 -20.4

55/175 0.4/100 2.8/81 9.9/40 11.5/25 -19.5

Sta	+	x	−	
		935.05 ✓		
4				14.9
+40				15.7
4 +93				17.9
5 +75				15.1
6				16.0
+75				21.3 -
⊙	0.48	923.31 ✓	12.22	922.83 ✓
5+75				15.1 -
6				16.0 -

$\frac{5.5}{17.5}$ $\frac{5.7}{100}$ $\frac{8.9}{80}$ -20.2

$\frac{0.5}{150}$ $\frac{8.8}{100}$ -19.4

$\frac{5.5}{250}$ $\frac{3.4}{150}$ $\frac{6.0}{125}$ $\frac{7.6}{100}$ $\frac{8.9}{64}$ -17.7

$\frac{3.7}{100}$ $\frac{5.1}{87}$ $\frac{12.1}{58}$ -20.0

$\frac{4.1}{100}$ $\frac{11.7}{65}$ -19.1

11.7

$\frac{6.5}{100}$ $\frac{9.9}{60}$ $\frac{11.5}{30}$ $\frac{11.7}{13}$ $\frac{13.2}{10}$ 13.8 $\frac{14.5}{9}$ $\frac{13.7}{11}$

$\frac{5.5}{40}$ $\frac{7.4}{25}$ $\frac{8.1}{7}$ 8.2 $\frac{8.5}{4}$ $\frac{9.4}{7}$ $\frac{11.0}{37}$ $\frac{13.2}{80}$ $\frac{14.5}{100}$

$\frac{4.5}{49}$ $\frac{6.9}{30}$ $\frac{7.5}{6}$ 7.3 $\frac{7.3}{4}$ $\frac{8.3}{7}$ $\frac{9.5}{28}$ $\frac{11.0}{44}$ $\frac{12.7}{14}$ $\frac{14.5}{100}$

Sta	+	℄	−	
		923.31 ✓		
6+75				21.3
⊙	3.02	925.85 ✓	0.48	922.83 ✓
7				19.0 -
+60				15.8 -
8				17.7 -
9				22.6 -
BM	13.24	935.43 ✓	3.66	922.19 ✓
+45				23.7 -
10				25.2 -

(-2.0) 3.7/23 5.8/41 8.6/56 12.5/85 13.7/100

+1.7/100 00/62 3.0/14 5.8/10 6.6/3 6.9 6.6/9 13.6/56 15.3/74 15.8/100

7.4/100 8.6/56 10.6/9 9.9/6 10.1 10.4/6 12.4/40 13.2/100

9.0/100 10.1/44 9.3/11 8.4/8 8.2 8.2/7 7.9/65 7.7/100

3.6/100 3.1/74 4.8/35 4.5/16 3.2/5 3.3 3.2/8 1.5/11 00/21 +4.5/49 +5.0/82 +4.0/100

SpK in 24" W. OaK 100' Lt. Sta 9+00

9.9/100 11.0/31 10.7/19 10.6/12 11.4/10 11.7 11.4/7 9.7/10 6.7/37 5.2/67 6.2/96 6.9/100

8.7/100 10.3/48 10.2/9 10.2 10.3/4 10.4/25 6.4/84 6.7/100

Sta	+	x	-	
		935.43 ✓		
11				28.6 -
+40				30.7 -
⊙	13.01	948.10 ✓	0.34	935.09 ✓
12				37.6 -
+55				45.6 -
⊙	12.18	959.62 ✓	0.66	947.44 ✓
13				51.5 -
+60	4 Shot			56.4 -
14				58.8 -
⊙	13.42	972.58 ✓	0.46	959.16 ✓

+1.17 / 100 | 2.9 / 53 | 4.7 / 29 | 59 / 13 | 6.7 / 11 | 6.2 / 9 | 6.8 | 7.9 / 8 | 8.8 / 66 | 5.6 / 100

55. / 100 | +9.0 / 80 | +44 / 56 | +0.7 / 41 | 2.6 / 24 | 4.2 / 13 | 4.7 | 6.1 / 9 | 7.3 / 65 | 4.9 / 100

+6.6 / 100 | +2.0 / 67 | 3.0 / 35 | 7.8 / 12 | 10.6 / 8 | 10.5 | 11.7 / 7 | 14.5 / 24 | 15.8 / 83 | 15.6 / 100

55. / 100 | + 11.4 / 87 | +8.0 / 55 | +3.1 / 14 | +2.0 / 11 | 2.5 / 2 | 2.5 | 2.4 / 9 | 8.5 / 50 | 11.9 / 100

+4.2 / 100 | 2.1 / 32 | 3.8 / 12 | 7.6 / 7 | 8.1 | 8.4 / 10 | 13.6 / 50 | 17.8 / 100

3.2

+8.0 / 100 | +7.0 / 70 | + 3.7 / 17 | +0.8 / 11 | 0.7 / 10 | 0.8 | 3.9 / 19 | 6.9 / 73 | 9.8 / 100

Sta	+	x	−	
		972.58		
14+30				60.8 -
15				64.2 -
+50				65.2 -
16				65.0 -
17				66.6 -
+70				69.1 -
⊙	4.40	973.48	3.50	969.08
18				68.2 -
+50				64.4 -

5.4/100 8.0/53 11.6/11 11.8 13.6/52 16.8/100

6.6/100 5.3/59 5.5/22 8.6/10 8.4 11.1/33 15.1/100

3.6/100 3.7/63 6.3/14 8.0/10 7.4 8.2/15 10.6/60 11.8/100 Floor Ho 9.05

4.0/100 4.2/57 6.7/15 8.0/13 7.6 7.7/6 10.2/56 11.3/100

3.8/100 7.2/62 5.9/21 6.1/6 6.0 6.1/5 6.7/53 6.5/100

5.0/100 4.4/62 1.9/32 1.8/14 3.6/11 3.5 3.9/15 1.4/18 1.2/41 0.4/100

Top Boat Spk Sta 17+65.46

6.5/100 6.0/89 4.4/36 3.1/14 5.9/10 5.8/7 5.3 5.8/6 5.9/11 2.2/17 0.9/46 1.0/73 1.3/100

Floor Ho. +2.65

7.0/100 9.1/53 8.3/13 9.8/12 9.4/8 9.1 9.1/4 9.4/9 6.2/15 4.1/43 2.5/68 1.2/100

Sta	+	π	−	
		973.48 ✓		
19				60.0 -
⊙	1.19	961.28 ✓	13.39	960.09 ✓
+75				55.9 -
20				55.1 -
+02	12" X 36 CM.			12x36 CM / 21-15
+65				55.0 -
⊙	6.32	966.56 ✓	1.04	960.24 ✓
21				55.7 -
+45				55.6 -
22				55.6 -

10.2/100 13.0/50 14.5/11 13.4/7 13.5 13.5/4 14.6/12 12.4/50 10.6/100

7.3/100 8.4/56 8.8/15 5.5/7 5.4 5.5/3 8.8/9 7.6/53 4.0/100

8.5/100 8.6/56 9.0/15 6.3/7 6.2 6.3/3 8.6/11 7.4/50 4.2/100

F.L. 9.44 F.L. 9.32

8.1/100 7.9/57 8.1/14 6.4/7 6.3 6.3/2 8.5/9 5.0/55 1.3/82 3.5/100

Nail in Dead Oak Tr. Sol't Sta 23+40

12.9/100 10.0/75 10.1/38 10.7/22 13.1/16 11.2/14 10.9 10.9/2 12.9/9 11.5/43 6.1/82 3.0/100

13.6/100 11.6/76 12.1/38 13.2/16 11.0/9 11.0 11.1/1 11.4/5 12.9/8 10.4/51 8.0/80 4.6/100

10.9/100 12.4/76 13.5/23 12.6/16 11.1/11 11.0 11.2/2 11.9/6 10.0/47 8.1/80 6.5/100

Sta	+	π	−	
		966.56 ✓		
23				57.8 -
24				60.4 -
+70				61.9 -
25				61.3 -
+80				57.1 -
26				56.6 -
+13				56.4 -
+24				56.3 -
BM.			6.65	959.91 ✓

8.5 10.5 10.4 11.1 10.7 10.2 9.1 9.3 9.0 5.8 1.0
86 48 28 26 20 19 11 7 44 100

8.2
100

8.8 8.5 7.3 7.9 7.1 6.3 6.2 5.8 4.5 3.3 0.9
100 53 28 23 - 20 19 12 1 21 54 100

7.7 3.7 4.2 4.8 4.5 4.7 4.7 5.1 3.5 2.2
100 42 16 15 11 1 3 52 100

7.4 2.8 3.8 4.3 5.7 5.5 5.4 5.3 2.3 1.7 1.6
100 43 27 17 15 12 11 59 90 100

Floor Ho. +1.80

16.2 10.1 9.7 10.2 9.7 9.5 9.5 9.3 6.7 3.2 2.9 3.1
100 40 15 13 10 2 8 17 59 87 100

19.7 16.2 12.0 11.0 9.9 10.0 10.3 10.1 7.5 5.7 5.0
100 58 24 14 5 5 10 18 58 100

14.0 12.9 11.8 10.6 10.2 9.7 8.3 6.8
100 65 29 9 34 67 100

13.8 12.3 10.3 8.1 6.9
100 53 65 100

Spk in 12" W. Oak 130 Lt. Sta 24+30

Sta	+	x	-	
		966.56 ✓		
⊙	1.45	954.65 ✓	13.36	953.20 ✓
⊙	11.02	965.23 ✓	0.44	954.21 ✓
⊙	7.61	961.71 ✓	11.13	954.10 ✓
BM			6.23	955.48 ✓
⊙	0.37	948.88 ✓	13.20	948.51 ✓
⊙	0.76	939.33 ✓	10.31	938.57 ✓
⊙	6.60	945.15 ✓	0.78	938.55 ✓
⊙	4.76	947.21 ✓	2.70	942.45 ✓
			2.85	944.36 ✓ = 944.37

R.R. Spk in P.P. SE Cor. Co. Rd E and Fairchild

Spk in 10" Oak N.W. Cor Silver Lake Rd. & Fairchild Ave

Fairfield Drive
Blue Tops 4/26/37

Sta.	+	H	−	Elev.	Yard Rod
B.M.	2.46	950.41		947.95	
0+40				47.6	2.8
1				44.6	5.8
+50				42.1	8.3
+75				41.3	9.1
2				40.6	9.8
+40				39.5	10.9
3				38.4	12.0
T.P.	4.03	942.44	12.00	938.41	
+60				37.7	4.7
4				37.2	5.2
+50				36.6	5.8
+80				36.2	6.2
5				36.0	6.4

Sta.	+	π	−	Elev.	
		94+44			
+45				35.6	6.8
6				35.1	7.3
+50				34.9	7.5
+75				34.7	7.7
7				34.6	7.8
T.P.	391	937.93	8.46	933.98	
+35				34.5	3.4
8				34.3	3.6
+47				34.0	3.9
9				33.3	4.6
+50				32.5	5.4
10				31.6	6.3
11				29.8	8.1
14				28.0	9.9

Sta.	+	℄	−	Elev.	
		937.93			
13				26.2	11.7
B.M.			8.37	929.56	

Sta.	+	⊼	−	Grade	
B.M.	12.44	923.77			911.33
0				19.3	4.5
+50				17.8	6.0
1				16.8	7.0
+50				16.5	7.3
2				16.7	7.1
+50				17.1	6.7
3				17.5	6.3
+50				17.9	5.9
4				18.3	5.5
+50				18.7	5.1
5				19.1	4.7
+50				19.5	4.3
6				19.9	3.9

Grade Elev?
Oakwood Drive
6/17/37

Sta.	+	≈	−	Grade	
		923.77			
6+50				20.3	3.5
7				20.7	3.1
+50				21.1	2.7
8				21.7	2.1
+50				22.4	1.4
T.P.	12.18	935.15	0.80		922.97
9	922.97 12.18 935.15 12.18 922.17 OK			24.0	11.1
+50				25.7	9.4
10				27.9	7.2
+50				30.2	4.9
11				33.4	1.7
T.P.	12.28	945.70	1.70		933.42
+40				36.0	9.7
12				40.2	5.5
+50				43.7	2.0

Sta.	+	⊼	−	Grade	
13				47.4	
+50				50.7	
14				54.2	
+50				57.7	
15				60.0	
+50				62.1	
16				63.5	
+50				64.1	
17				64.7	
+50				64.4	
18				64.1	
				970.11	
+50				63.5	6.6
19				62.5	7.6

H.I. 945.70
− 10.48
T.P. 945.22
− 11.54
H.I. 957.93
− 6.18
T.P. 951.75
+ 13.11
H.I. 970.11

Sta.	+	H.I. 970.11	−	Grade	
19+50				61.4	8.7
20				60.3	9.8
+50				59.4	10.7
T.P.	4.28	963.69	10.70		959.41
21				58.6	5.1
+50				58.3	5.4
22				57.9	5.8
+50				58.0	5.7
23				58.2	5.5
+50				58.3	5.4
24		963.8		58.5	5.3
+70				58.3	5.5
25		963.69 3.90 959.79 963.81		57.9	5.9
+80				56.8	7.0 7.4
26				56.4	959.81

9/13/35

Alignment

Sonset Lane

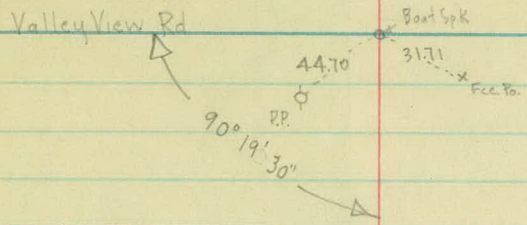
in

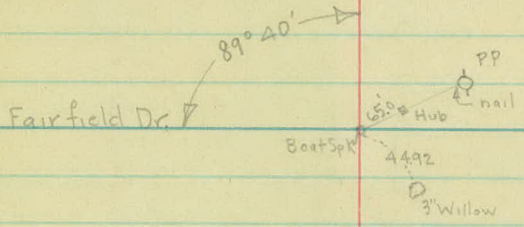
Mounds View Acres

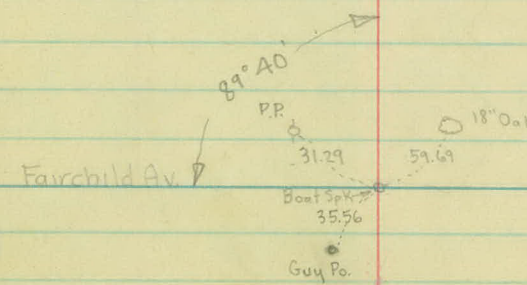
13+15.14 P.O.T.

6+57.57 P.O.T.

0+00 P.O.T.


Valley View Rd
Boat Spk
44.70
31.71
Fce Po.
P.P.
90° 19' 30"


89° 40'
Fairfield Dr.
P.P.
nail
Hub
Boat Spk
44.92
3" Willow


89° 40'
P.P.
18" Oak
31.29
59.69
Fairchild Av.
Boat Spk
35.56
Guy Po.

TOPOGRAPHY
SUNSET LANE
in
MOUNDS VIEW ACRES

Rd
8 - 6

+77 Tr
31

+44 Ent R/L - 10"x 18'CM
Hedge - 11

+25 End berrie P
34

+54 Beg Row Golden Willows
33

15'c-c

A

Rd
9 - 6

+91 Cor Ho.
62

+15-10" oak
31

+40-12" oak
33

+30 PP
30

+36 berrie Patch
36

+35 Ent-10"x24'C.M.
14

+28 Fce N+S
30

+28 FC.
32

+20 Fce
28

3

Rd
8 - 8

Fce
2

+95-12"x30'CM
14.5 15.5

+70 Apple Tr
54

+92 Ap. Tr
54

+06 Car Shed

+08 Ent 15'x18'CM
18

2

Fce
2

+95 PP
28

+45 Ent

1

Rd
8 - 11

Fce
27

+99 PP
29

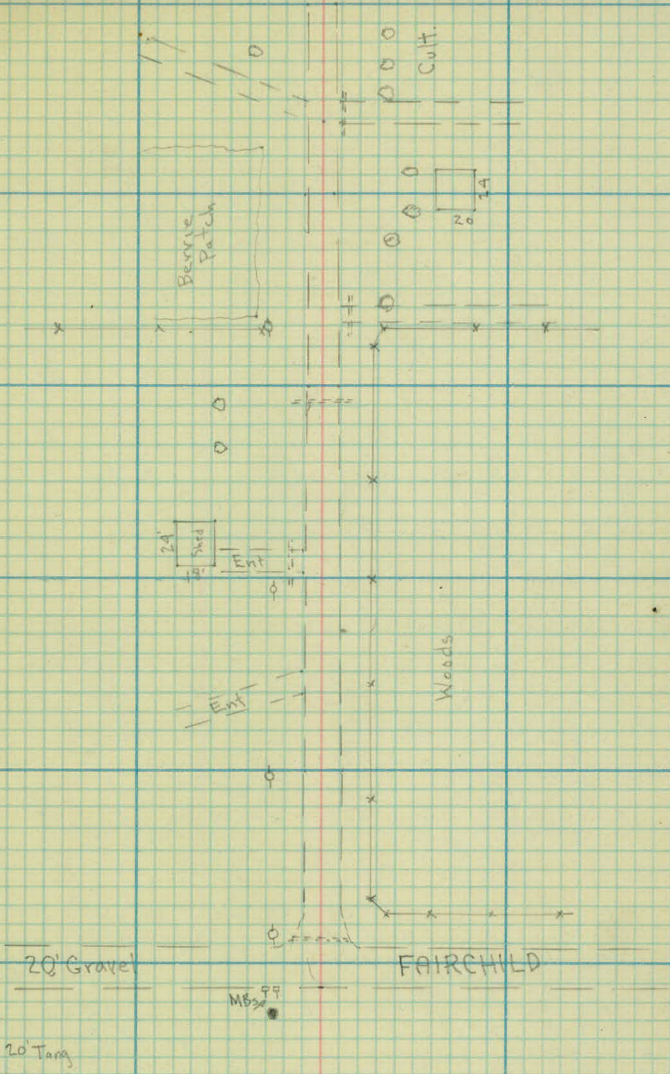
+33 Fce
27

+25 Fce
35

+15 PP
28

+11-12"x32'CM (buried)
14.5 - 17.5

0+00


Cult.
14
20
Berrie Patch
24'
Shed
18'
Ent
Ent
Woods
20' Gravel
FAIRCHILD
MB 30
20' Tang

12

Rd
6-17

+35 P.P.
32

11

Rd
2-14

+84 Cor Ab
73
+03 Ent

10

End Fac
31

Rd
2-12

+71 Fc.
35

+86 PP
31

9

Rd
0-11

+79-18'x52'CM

+89 End Culv
16

+56 End Culv
22

+36 P.P.
30

8

RA
4-7

7

Rd
7-6

+87 PP
30 +58 E Fairfield Dr

+58 Str.-12'x20'CM
12 +47 End Cult

+33 MBs
9
+27 End Willows
33

+30 End Cult

6

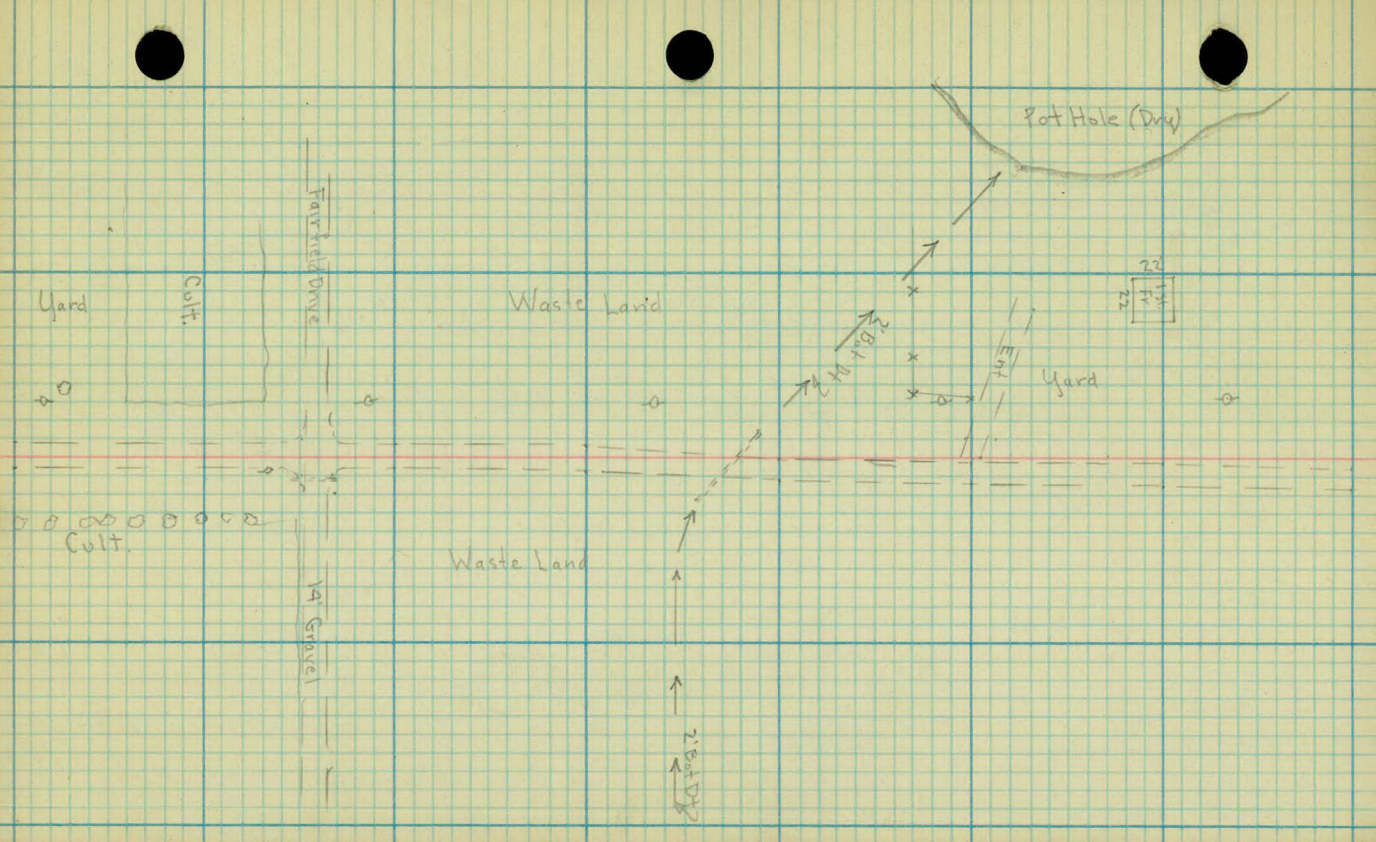
Rd
8-6

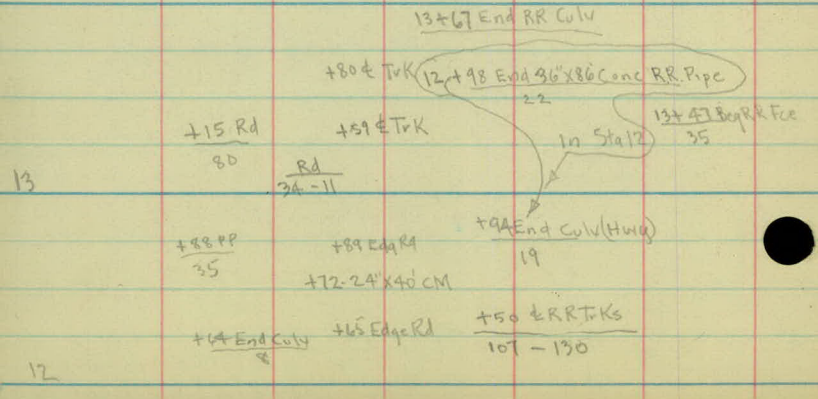
+60 Beg Cult
30

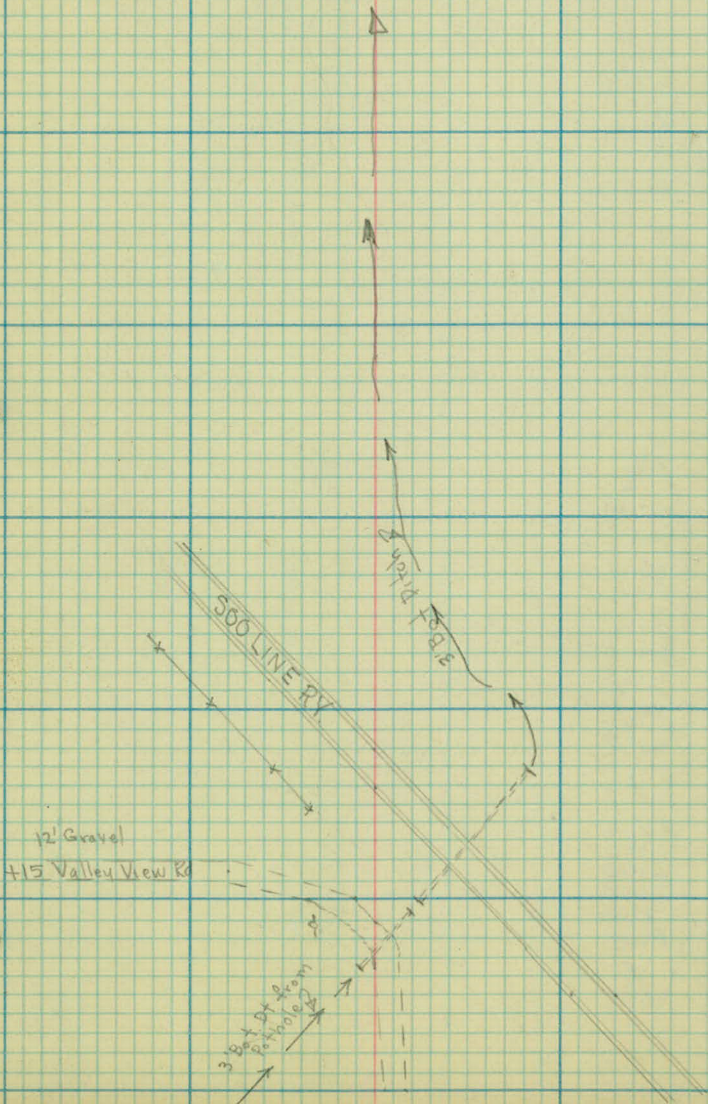
+28 Tr
28

+16 PP
30

5


Pot Hole (Dry)
Yard
Colt.
Fairfield Drive
Waste Land
Yard
Colt.
Waste Land
14' Gravel
2' Foot Path


13+67 End RR Culv
+80 ℄ TrK
12+98 End 36"x86 Conc RR Pipe
22
+15 Rd
80
+59 ℄ TrK
In Sta 12
13+47 Beg R/R Fce
35
Rd
34 - 11
13
+94 End Culv (Hwy)
19
+88 PP
35
+89 Edge Rd
+72 24'x40' CM
+64 End Culv
8
+65 Edge Rd
+50 ℄ R R TrKs
107 - 130
12


SOO LINE RY.
3'B+ pitch
12' Gravel
+15 Valley View Rd
3'B+ Dt from Pothole

9/12/35
Portell

X- Sections Sunset Lane
in
Mounds View Acres

Sta	+	π	−		
B.M.	11.14	970.39 ✓			959.25 ✓
⊙	0.31	960.48 ✓	10.22	960.17 ✓	
⊙	6.06	957.84 ✓	8.70	951.78 ✓	
B.M.	10.28	963.40 ✓	4.72	953.12 ✓	
0+00		℄ Sonset Lane and Fairchild		52.2 ✓	
+09				52.2 ✓	
+50				53.8 ✓	
1				54.1 ✓	
+70				51.3 ✓	

Top Angle iron @ base of Elec. Tower So. pier N.E. Cor. Fairchild and Co. Rd. D

R.R Spk in 30" Bl. Oak 25' W and 100' N. of Fairchild & Sunset Lane

131/100 12.3/63 11.2 10.6/56 10.4/100

13.3/100 12.3/49 11.2 10.8/56 10.9/100

9.9/100 7.7/58 6.7/51 5.4/19 9.5/13 10.3/11 9.6 10.0/8 10.2/11-13 9.5/16 7.9/17 Fee 7.6/27 6.7/65 7.6/100

8.4/100 7.5/56 2.8/52 2.1/22 9.1/11 9.6/9 9.3 9.7/11 9.5/15 8.0/18 Fee 9.3/26 13.3/57 15.2/100

20.0/85 14.7/57 13.4/14 12.5/7 12.1 12.9/11 13.0/16 12.2/18 Fee 13.1/26 15.1/68 15.3/88 13.8/100

Sta	+	⊼	−	
		963.40		
0	1.74	951.79 ✓	13.35	950.05 ✓
2+00				49.4 ✓
3+00				46.1 ✓
+40				46.0 ✓
4				46.7 ✓
+65				47.9 ✓
5				49.0 ✓
⊙	9.97	960.88 ✓	0.88	950.91 ✓
+65				50.8 ✓

Fce

5.5 6.2 5.3 3.8 2.9 2.4 2.8 3.0 3.2 5.6 6.1 5.0 3.5
100 60 45 20 7 7 10 13 26 34 47 60

3.0
100

+95-12"X30'CM

F.L. El 40.79 F.L. El. 41.68

Fce

12.0 11.8 12.5 11.5 9.6 6.6 5.7 5.9 6.3 9.3 9.6 6.0 0.5 +0.5
100 87 57 28 15 9 9 12 17 27 52 87 100

15.0 11.0 7.9 6.9 6.4 5.8 6.0 7.1 5.9 5.6 6.0 4.5 2.3
100 25 16 11 7 10 14 17 25 30 57 100

over HI. 4 Ho

14.5 11.1 8.6 7.1 6.1 6.6 5.7 5.1 5.4 5.7 3.5 3.4 0.6 +1.6
100 58 34 31 16 15 10 8 11 15 23 27 60

12.4 12.0 9.7 7.4 5.6 4.5 3.9 4.0 4.3 3.8 3.1 2.4 0.8 +3.5
100 84 63 33 13 10 8 11-12 14 28 37 58 100

9.6 6.8 4.4 3.5 4.1 4.2 3.3 2.8 2.9 3.4 2.9 2.6 0.9 +2.5
100 72 42 18 16 12 9 8 10-13 15 28 65 100

6.4 5.7 4.6 5.7 11.4 11.6 10.4 16.3 10.1 10.5 11.1 8.9 9.0 9.4 8.6 7.7
100 83 41 26 18 15 12 10 7 8-11 16 27 33 61 84

5.8
100

Sta	+	π	−	
		960.88 ✓		
6				50.9 ✓
+23				50.7 ✓
+41				50.3 ✓
+48				50.1 ✓
+58	& Valley View Rd.			49.7 ✓
B.M.			6.35	954.53 ✓
+65				49.2 ✓
+68				49.0 ✓
+81				48.2 ✓

6.4 4.1 4.0 5.3 11.2 10.1 10.0 10.4 11.0 8.0 8.2 6.3
100 77 44 27 18-15 10 6 9-11 16-27 63 100

11.2 4.2 5.2 11.5 10.4 10.2 10.8 11.4 8.5 8.7 8.8 7.0
100 50 29 17-15 11 6 9-12 17 33 65 100

13.4 9.5 12.6 11.9 12.1 11.7 10.6 11.2 11.7 11.3 8.9 9.3 8.7 6.6
100 86 82 55 40 18 7 11 13 18 46 74 100

16.4 14.3 13.5 12.1 10.8 11.2 9.8 6.6
100 76 52 28 19 50 100

16.3 13.8 12.1 11.2 10.7 8.8 5.9 4.0
100 69 34 24 57 100 130

RR Spk in PP. 125' So and 35' E of Sunset Lane & Fairfield Drive

16.8 12.7 11.7 12.5 10.6 8.6 7.1
100 41 13 37 73 100

17.7 12.7 11.9 12.2 12.9 13.4 9.2 9.6 8.3
100 41 8 11-13 15 17 43 69
6.9
100

18.7 13.4 14.7 12.4 13.7 13.6 12.7 12.7 13.0 13.8 14.5 13.9 10.0 9.2
100 77 73 18 15 11 8 8 10 13 14 16 57
7.2
100

Sta	+	π	-	
		960.88		
6 +82				48.0
⊙	2.54	950.43	12.99	947.89
7				46.6
+55				41.3
⊙	0.17	937.58	13.02	937.41
8				36.9
			6.50	931.08
+54				33.0
+75		18" x 52' C.M. (Skewed)		
9				31.1

18.5 / 100 13.2 / 74 9.6 / 49 8.9 / 22 13.7 / 16 14.4 / 13 8.1 / 9 12.9 13.1 / 8 13.9 / 10 14.6 / 13 14.0 / 14 10.1 / 16 9.3 / 59 7.5 / 100

10.0 / 100 5.7 / 79 45-1.5 / 19 4.9 / 15 5.0 / 11 4.3 / 10 3.9 / 7 3.8 4.3 / 7 5.0 / 10 5.2 / 14 1.6 / 18 1.3 / 50 0.5 / 100

15.6 / 100 12.7 / 84 11.2 / 47 11.7 / 16 9.7 / 11 9.4 / 6 9.1 9.5 / 9 12.3 / 16 15.0 / 40 14.6 / 100

5.9 / 100 5.5 / 78 6.2 / 20 1.6 / 11 0.8 / 8 0.7 0.8 / 9 7.2 / 22 8.7 / 64 9.3 / 100

nail in PP. 30' Lt. Sta 8+35

10.0 / 100 10.2 / 53 9.5 / 22 5.9 / 14 4.6 / 6 4.6 4.9 / 7 11.8 / 18 10.5 / 60 9.8 / 100

+89 End Culv 16 F.L. 12.43 / 25.13

+56 End Culv 22 F.L. 12.11 / 25.47

10.8 / 94 11.4 / 60 11.0 / 18 7.3 / 10 6.4 / 5 6.5 6.5 / 11 9.8 / 19 8.5 / 66 9.1 / 186

Sta	+	π	−	
		937.58 ✓		
9+70				30.4 ✓
10				30.5 ✓
+55				31.0 ✓
11				29.7 ✓
+20				29.1 ✓
+22				29.8 ✓
+68				27.9 ✓
+70				27.4 ✓

11.6/100 11.1/71 11.0/34 9.9/14 7.7/7 7.2 7.4/13 9.0/19-62 10.2/100

10.8/100 10.2/73 8.5/32 7.6/9 7.1 7.0/12 7.9/17-22 7.6/24 7.2/59 8.2/90 9.5/100

9.9/100 6.8/51 4.8/11 7.2/10 6.9/5 6.6 6.5/15 7.4/16 7.2/17 2.4/22 3.2/49 5.1/72 8.3/100

Floor Ho 10.0 Ho 10.7/73 9.1/40 7.5/9 8.6/6-3 7.9 7.8/14 8.8/17 8.6/20 5.4/23 2.8/63 3.5/100

10.2/27 9.2/6 8.5 8.3/15 9.3/18 9.1/21 7.4/23

10.5/27 9.2/9 8.2/7 7.8 8.3/15 9.4/18 9.1/21 7.4/23

13.1/59 12.6/27 9.6/4 9.7 9.7/16 10.4/17 10.3/20 9.6/21

11.26/27 11.2/6 10.2 9.7/16 10.4/17 10.3/20 9.6/21 mc 28 + 68

Sta	+	±	−	
		937.58		
12				25.2 ✓
+71	24" x 40' C.M. (Skewed)			26.0 ✓
13				26.1 ✓
+15.14	End Sunset Lane & Int Valley View Rd.			27.0 ✓
B.M.			8.83	928.75 ✓

Ditch

13.4/100 13.8/95 14.0/71 14.5/19-66 13.5/62 12.2/4 12.4 10.5/6 11.0/18 11.9/20-22 11.3/23 8.6/60 4.2/100

FL

+64 End Culv/8 14.86

+91 End Culv/18 14.78 FL

12.9/100 11.9/52 12.0/18 11.7/4 11.6/0 10.9/8 11.6/18 12.3/20 12.7/23 11.4/40 4.4/59

1.35/100 2.1/84

F.L. RR Culv 14.38 No. End

923.20

Rd

11.0/100 10.9/72 10.5/35 11.1/26 10.7/16 10.3/9 11.5 11.6/12 FL 14.4/22 11.5/30 2.7/55 1.7/74 1.0/100

B/A ML.

10.3/74 9.9/68 9.4/62 10.0/36 10.0/28 11.0/18 11.2/11 10.7/8 10.6 9.6/13 3.9/29 2.8/32 1.8/37 1.3/56 1.0/66

10.6/100

5.5/110 7.1/100 2.5/87 2.3/73 1.6/69

14.05 F.L. RR Culv So End

923.53

Spk in Cut off tree 100' N & 100' W of Sunset Lane & Valley View Rd

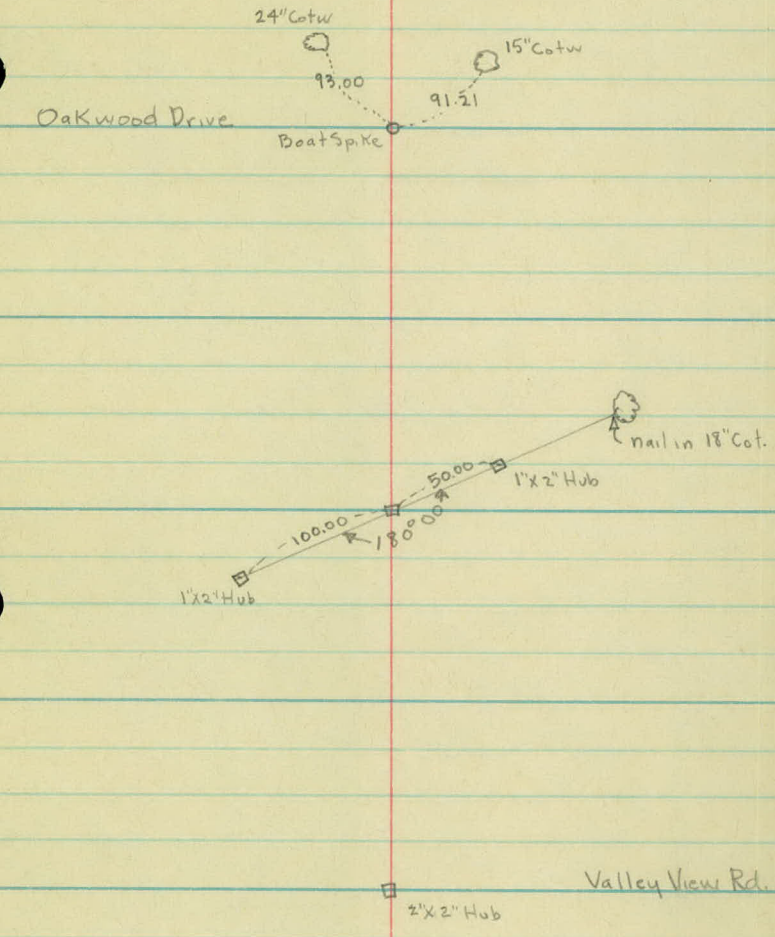
9/26/25
Portell

Alignment
Orchard Place
Valley View Road
to
Oakwood Drive

6+58.25

4+00 P.O.T.

0+00 P.O.T.


24" Cotw
15" Cotw
93.00
91.21
Oakwood Drive
Boat Spike
nail in 18" Cot.
50.00
1"X2" Hub
100.00
180°00"
1"X2" Hub
Valley View Rd.
2"X2" Hub

9/26/35
Purtell

TOPOGRAPHY.
ORCHARD PLACE
IN
MOUNDSVIEW ACRES

4

3

+10 End Garden
45-95

2

~~+90 Garden~~
~~45-95~~

+22 Flag Pole
11
Rd
31

+44 Cor Barn
33

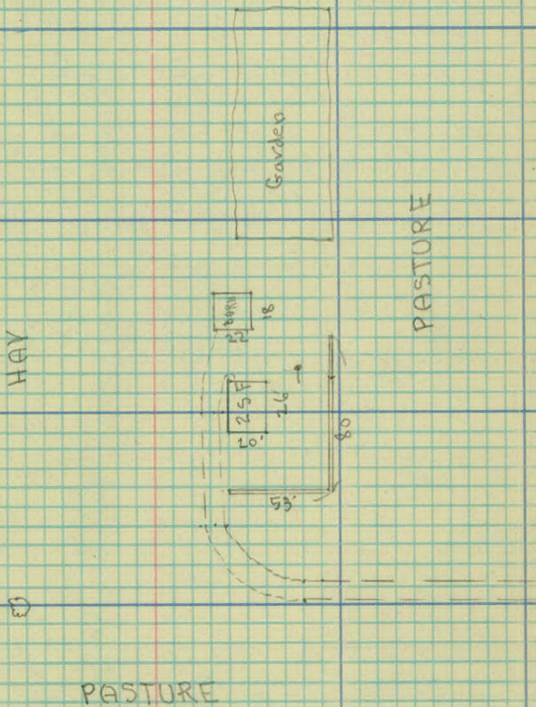
1

~~+82 10' Tr~~
~~40~~
~~+42 Rd~~
~~32~~
+68 Rd
84

~~+90 Cor Ho~~
~~40~~
~~+57 Conc. Ret. Wall~~
40'

0+00

36" Cot. Tr
74


Garden
PASTURE
HAY
18
25F
26'
20'
80
53'
PASTURE

+22-30" Cot. Tr
54

+26-4' Bot Dt.

+37-10" Cot
52

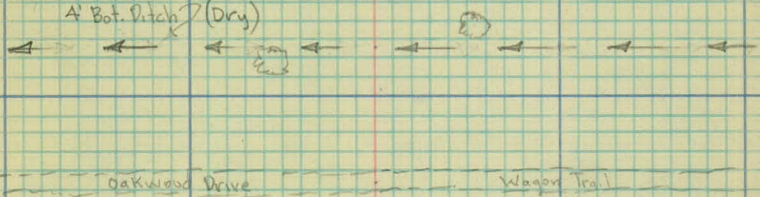
7

+54 Wagon Trail

6

5

HAY MEADOW



HAY MEADOW

9/19/35
Purtell

X-Sections
Orchard Place
In
Mounds View Acres

Sta	+	℄	−		
B.M.	7.37	943.38 ✓			936.01
0+00		Jct. Valley View Road		37.3 -	
	+33			42.2 -	
⊙	12.88	955.66 ✓	0.60	942.78 ✓	
0+00					
	+33				
1				50.2 -	
	+32			52.3 -	
	+60			51.9 -	

S.S. = Same Slope

SW Cor Ret. Wall 100' So. and 35' E. of Orchard Pl & Valley V. Rd

0.3/16 3.3/4 6.1/1 6.1 9.1/11 11.2/30 12.4/54 14.7/100

ERd.

1.2 2.9/9 4.7/16 6.1/23 8.6/31 9.5/41 8.2/42 13.8/100

Top Hill

5.3./115 2.3/71 5.9/48 (18.4)

5.5./100 0.4/71 7.0/37 (13.5)

+4.6/100 +4.1/90 +1.9/61 0.5/39 5.5 5.9/5 7.3/11 8.1/20 13.0/29 13.4/34 12.7/37-40

Fl. Ho 10.2

Ho

+3.8/100 +.18/61 0.3/25 3.4 5.4/14 11.7/27 12.3/62 15.1/89 15.8/90 17.4/100

Garage

+2.5/100 +1.7/77 0.6/38 3.8 5.5/17 7.4/32

Gar Fl. 12.1

Sta	+	π ✓ 955.66	-	
⊙	6.82	956.63 ✓	5.85	949.81 ✓
1 + 90				49.6 -
2 + 65				41.5
3				40.8
+50				40.7
A				
⊙	0.41	943.71 ✓	13.33	943.30 ✓
2+65				41.5 -
3				40.8 -

$\frac{1.5}{100}$ $\frac{5.2}{42}$ 7.0 $\frac{8.3}{20}$ $\frac{11.5}{53}$ $\frac{17.8}{100}$

$\frac{4.8}{100}$ $\frac{9.5}{62}$ (15.1)

$\frac{5.8}{100}$ $\frac{11.2}{51}$ (15.8)

$\frac{8.1}{100}$ $\frac{11.2}{56}$ (15.9)

$\frac{13.0}{100}$ $\frac{15.8}{50}$ (17.4)

Top Stk @ Sta 2+50

2.2 $\frac{4.0}{33}$ $\frac{4.7}{50}$ $\frac{6.8}{100}$

2.9 $\frac{4.0}{18}$ $\frac{6.1}{34}$ $\frac{8.9}{100}$

Sta	+	π	−	
		943.71 ✓		
3+50				40.7 -
4				39.2 -
+50				34.1 -
⊙	0.11	939.99 ✓	3.83	939.88 ✓
⊙	4.01	930.60 ✓	13.40	926.59 ✓
5				25.4 -
+35				19.5 -
⊙	0.46	926.55 ✓	4.51	926.09 ✓
6				13.8 -

SS = Same Slope

3.0 $\frac{4.2}{18}$ $\frac{8.1}{53}$ $\frac{14.2}{100}$

4.5 $\frac{5.1}{20}$ $\frac{6.8}{38}$ $\frac{14.5}{75}$ $\frac{SS.}{100}$

$\frac{4.5}{100}$ $\frac{6.5}{73}$ $\frac{9.1}{23}$ 9.6 $\frac{9.1}{10}$ $\frac{9.6}{15}$ $\frac{14.5}{51}$ $\frac{SS.}{100}$

Top Stk @ Sta 4+00

$\frac{SS.}{100}$ $\frac{0.1}{71}$ $\frac{2.2}{49}$ 5.2 $\frac{5.1}{14}$ $\frac{7.2}{24}$ $\frac{11.7}{59}$ $\frac{14.7}{100}$

$\frac{7.4}{100}$ $\frac{10.4}{40}$ 11.1 $\frac{12.9}{22}$ $\frac{15.2}{64}$ $\frac{15.7}{100}$

Top Stk. @ Sta 5+00

$\frac{11.7}{100}$ $\frac{12.0}{84}$ $\frac{12.3}{45}$ 12.8 $\frac{14.2}{41}$ $\frac{14.5}{100}$

Sta	+	℄	−	
		926.55		914.54
⊙	8.81	~~923.35~~ 923.35	12.01	924.55
6+58.25				11.2 ~~21.2~~
7				10.8 ~~20.8~~
BM.			12.03	911.32 ~~921.32~~

11.2 / 100 11.8 / 50 12.2 12.3 / 53 12.5 / 100

123 12.6 / 49 12.6 13.0 / 50 13.1 / 100

Spk in 24" Cottonwood 100' NE. of Orchard Pl. and Oakwood Dr.

24

23

22

9/16/35

Alignment

Valley View Road

in

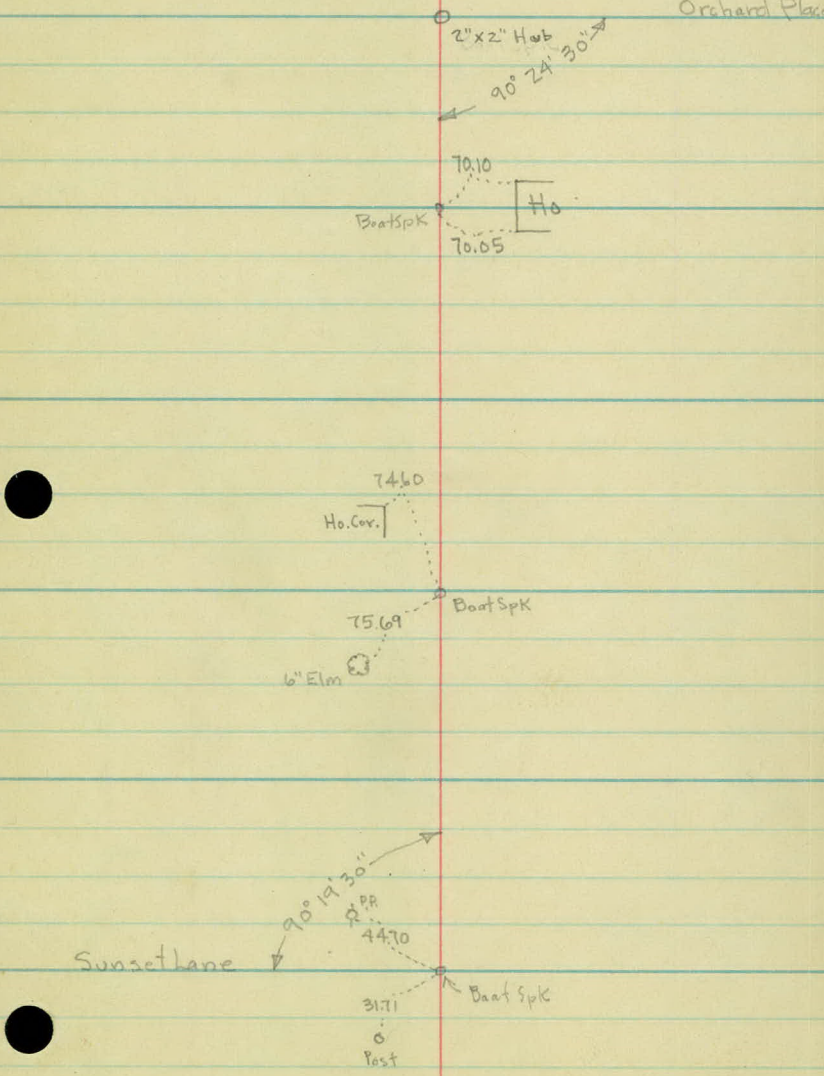
Mound View Acres

13+10.75 (Measured) P.O.T.

8+48.00 P.O.T.

3+75 P.O.T.

13+15.14 = 0+00 Sunset Lane = Valley View Rd


Orchard Place
2"x2" Hub
90° 24' 30"
70.10
Ho
BoatSpK
70.05
74.60
Ho. Cov.
BoatSpK
75.69
6" Elm
90° 19' 30"
PP
44.70
Sunset Lane
BoatSpK
31.71
Post

9/16/35
Purtell

TOPOGRAPHY
VALLEY VIEW ROAD
SUNSET LANE TO ORCHARD PL.
MOUNDS IN VIEW ACRES

5 Rd 1-10

+06 PP / 21 Rd / 1-11 End Colt / 40

4

+69 Cor Ho / 72

+45 Ent +45 Beg Colt. / 40

Rd / 1-10

3

+86 PP / 21 +72 Ent - 10"x18' CM / 15

Rd / 4-8

2

+59 PP / 23

Rd / 3-6 Fce / 83 ℄ Trk / 124 ℄ Trk / 147

1

+54 Rd Sn / 34 +65 Rd / 5-5

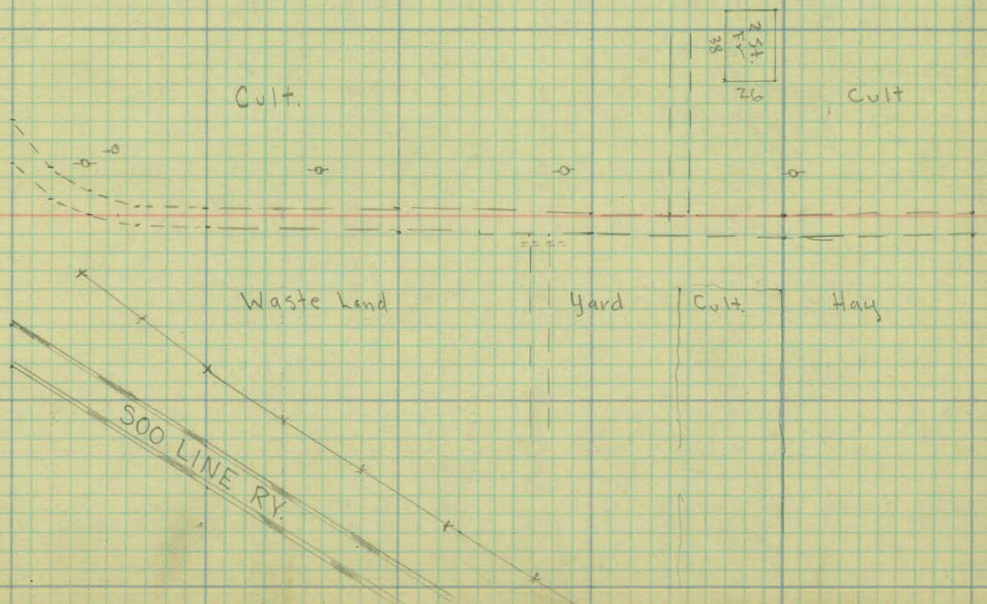
+37 PP / 27 +40 Rd / 12-0

+36 Beg RR Fce / 31

+26 Rd / 25-8

Rd / 50-27 ℄ Trk / 59 ℄ Trk / 81

0+00


Cult.
Cult
Waste Land
Yard
Cult.
Hay
SOO LINE RY.
24 Ft.
38
26

12

Rd
0 - 11

+51 PP
21

+53 Beg Garden
18

11

Rd
2 - 8

+01 Ent

10

Rd
4 - 6

+99 PP
21

9

Rd
5 - 6

+36 Cov Ho (Being Const
48

+46 PP
21

+15 Ent

8

Rd
7 - 5

7

Rd
12 - 2

+88 PP
21

+55 FC
33

+55 Rd
10 - 0

+23 CorHo
82

6

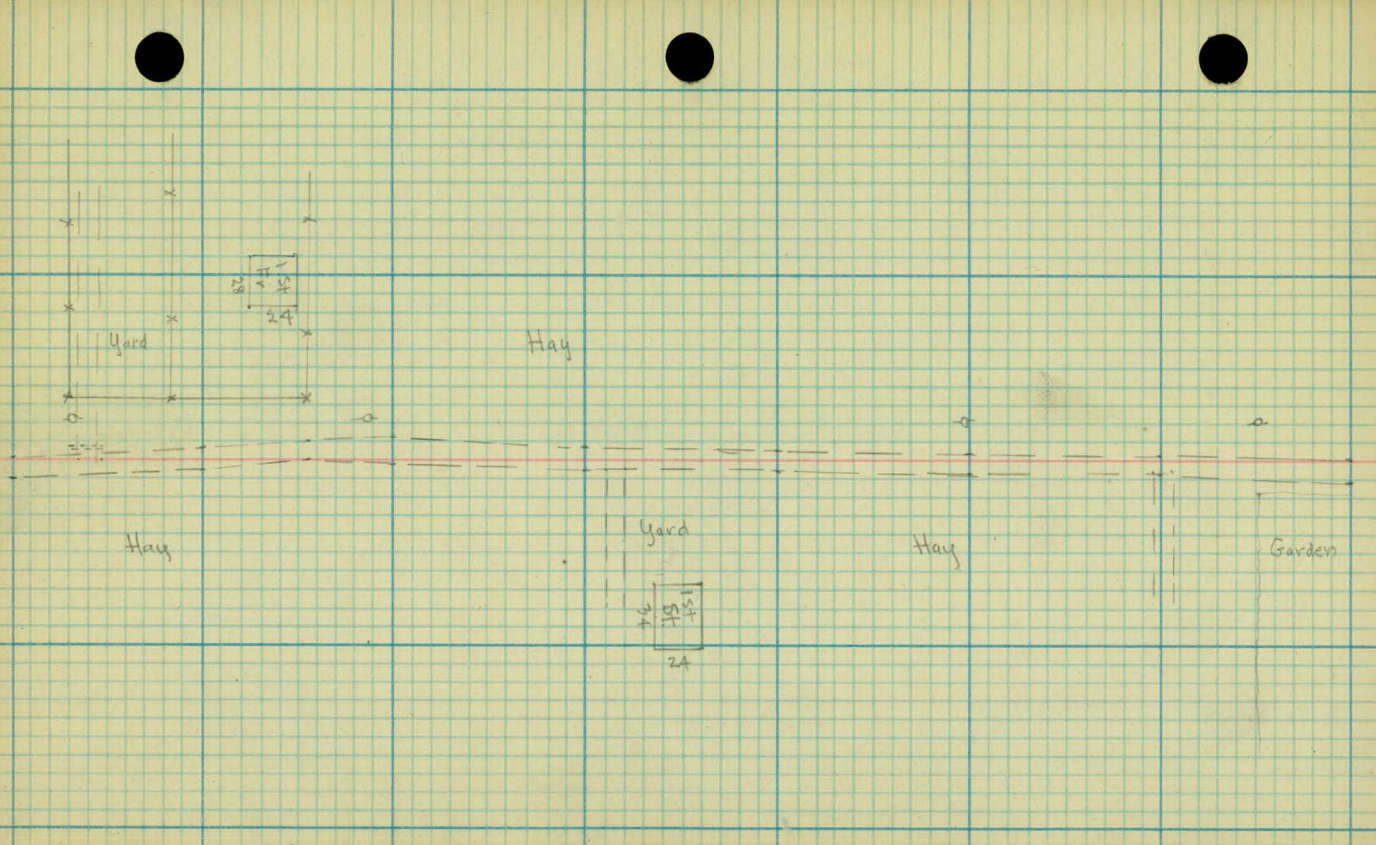
Rd
6 - 5

+85 FC
33

+40 Ent - 16" N12' CM
7

+31 PP - Fee Cor
21 33

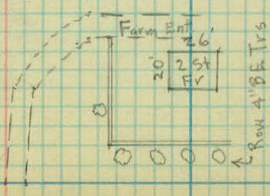
5


Yard
Hay
Hay
Yard
Hay
Garden
24
24

13

+50 Rd +79 Ent
3-14
+67 E Conc Ret Wall
56 +50 Curtto
+20 Ret Wall 88
56

12


Farm Ent
26'
20'
2 St
Fr
Row 4" BE Trs

9/14/35
Purtell

X-Sections
Valley View Road
in
Mounds View Acres

Sta	+	⊼	−		
BM.	9.23	937.98 ✓			928.75 ✓
0+00	Jct. Sunset Lane			27.1 ✓	
+50				28.0 ✓	
1				28.4 ✓	
+50				29.1 ✓	
⊙	8.87	945.87 ✓	0.98	937.00 ✓	
2				32.5 ✓	
+50				31.2 ✓	
+75				31.6 ✓	
3				31.4 ✓	

Spkin Cut off tree 100' N and 100' W of Sunset Lane & Valley View Rd

ER. ER. B/R? B/R.

12.9 12.8 13.1 11.5 11.0 11.6 10.9 9.7 3.2 2.44 2.06 1.8 2.5 3.2
100 80 55 39 24 13 15 33 40 64 73 80 104

DT? ER. ER

15.0 13.7 12.4 11.4 10.6 10.8 10.7 10.0 9.8 10.0 10.2 10.6 10.7 8.3 4.2 3.8 2.6
89 87 62 39 15 14 11 9 4 3 4 6 10 34 65 75

2.2 2.3
100 92

13.8
95-100

ER ER

14.1 13.9 13.3 12.3 11.0 10.8 9.1 9.6 9.8 10.4 10.2 9.5 7.0 3.1 2.8
100 80 69 47 11 8 4 7 10 12 13 42 67 77

3.4 3.6
100 81

11.9 10.9 9.5 9.2 8.9 8.8 8.9 9.0 8.9 8.3 6.5 3.1 1.4
100 40 5 4 7 10 12 14 15 36 61 80

1.8
100

16.2 15.0 13.3 12.9 12.7 13.3 13.5 13.4 13.1 12.9 13.8 11.8 9.0 6.4 6.0
100 88 57 28 19 13 4 10 12 14 17 41 72 100

15.5 10.5 9.6 8.9 8.7 8.4 9.1 7.2 4.9 4.3
100 51 22 3 12 14 16 18 50 100

15.5 12.2 9.9 8.5 8.3 7.9 9.0 8.7 6.3 4.8 4.0
100 58 11 3 11 13 16 18 40 100

15.0 13.6 12.0 10.6 8.6 8.5 8.3 8.9 8.8 7.4 3.8 2.9
100 81 28 9 1 12 13 15 17 69 100

Sta	+	π	-	
		945.87 ✓		
3+50				38.3 ✓
4				40.4 ✓
+30				40.2 ✓
+80				38.0 ✓
5				37.5 ✓
+30				37.4 ✓
6				37.5 ✓
7				37.2 ✓

12.6 12.2 10.6 8.5 7.6 7.1 8.3 7.8 6.5 4.6 3.6
100 85 42 5 10 13 23 67 88 100

Floor Ho 7.44 = 38.43

8.5 9.0 5.5 5.5 5.4 5.7 5.4 3.8 5.8 5.6 1.5
74 26 5 10 11 13 15 37 65 100

12.5 11.1 8.3 5.7 4.3 5.6 5.7 5.5 5.9 6.0 4.7 5.5 5.1 3.1 1.7
100 86 50 25 10 4 9 11 13 15 34 48 70 100

12.6 10.6 10.2 9.4 8.2 7.9 8.1 8.6 8.7 6.3 3.1 2.8
100 54 28 10 2 10 12 14 41 74 100

12.8 11.5 10.8 10.0 8.5 8.4 8.5 9.6 8.4 6.6 4.2 3.7
100 74 53 10 2 10 16 19 44 77 100

11.9 11.3 9.7 9.4 8.6 8.5 8.6 9.0 8.1 6.7 5.3
100 85 49 19 3 11 14 40 77 100

2.8 2.3 3.7 6.8 8.7 8.4 8.5 9.9 7.3 10.7 6.9 6.5
87 48 32 10 7 5 13 33 70 91 100

3.6 3.1 4.8 7.2 8.7 8.2 8.7 10.6 11.7 10.6 9.1 7.2
100 74 36 17 13 11 5 38 59 83 100

Sta	+	℄	−	
		945.87 ✓		
7+90				38.7 ✓
8				39.2 ✓
⊙	11.50	950.60 ✓	6.77	939.10 ✓
+48				40.4 ✓
9				37.8 ✓
⊙	0.93	938.38 ✓	13.15	937.45 ✓
+50				34.6 ✓
10				33.8 ✓
9/16/35				
B.M.	0.85	936.86 ✓	2.37	936.01 ✓
+25				33.5 ✓

5.5/100 6.4/59 8.1/10 7.3/7 7.2 7.4/5 9.8/13 10.2/42 8.6/70 8.4/100

6.7

6.1/100 3.3/52 4.2/17 10.1/10 10.5/7 10.2 10.4/6 10.3/10 8.0/13 10.0/40 9.8/62

7.02
Fl. House
63

2.9/100 8.7/93 12.7/10 12.9/6 12.8 12.9/7 13.8/12 15.2/42 15.5/100

.00/100 3.3/51 5.2/9 3.9/6 3.8 4.2/7 6.2/12 7.1/70 7.7/100

3.0/100 3.2/50 4.6/6 4.6 4.8/6 6.0/43 10.9/100

SW. Cor Ret Wall Rt Stu 12+15

4.7/100 2.1/45 2.2/8 3.3/4 3.4 3.8/9 2.6/11 4.1/28 8.3/68 10.5/100

Sta	+	π	−	
		936.86 ✓		
10 + 50				32.2 ✓
11				28.8 ✓
+45				27.3 ✓
12				28.5 ✓
+50				30.6 ✓
13				34.4 ✓
+10.75				37.4 ✓
BM			0.85	936.01 − 936.01 ✓

8.3/100 7.9/92 5.2/63 3.6/40 2.4/8 4.8/4 4.7 4.6/8 4.1/13 6.0/25 9.8/66 11.6/100

12.6/100 11.7/65 10.2/31 8.9/7 8.0/3 8.1 8.4/8 100/15 12.0/52 12.9/100

13.3/100 13.2/76 12.4/38 10.9/4 9.7/2 9.6 9.7/9 10.5/14-47 8.5/91 7.7/100

13.4/100 12.3/46 11.4/32 9.9/3 8.4 8.3/11 9.0/13 7.7/41 10.2/100

Ret Wall → 0.30/57 +4.9/75 Ho.→ +5.1/87

12.4/100 11.4/66 9.0/30 7.2/4 6.3 5.8/3 5.5/14 5.8/21 3.0/53 1.6/56

Over H.I. (Hand Level) used

11.0/100 7.8/46 4.9/21 3.5/9 2.5 1.8/5 00/20 +2.0/32 +3.2/35 +6.6/64 +11.0/100

Hand Level – over H.I.

13 – 100

9.5/100 8.1/73 5.5/48 1.6/28 +1.3/13 +2.9/4 +0.5/2 +0.5 +1.7/5-14 +4.1/23 +7.9/52 +12.9/100

SW. Cor Ret Wall Rt. Sta 12+15

9/19/35

Purtell

Alignment

Fairfield Drive

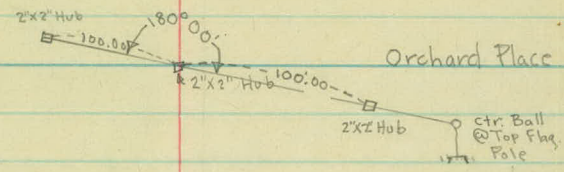
in

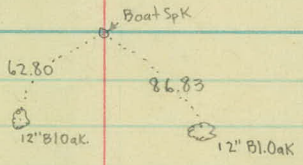
Mounds View Acres

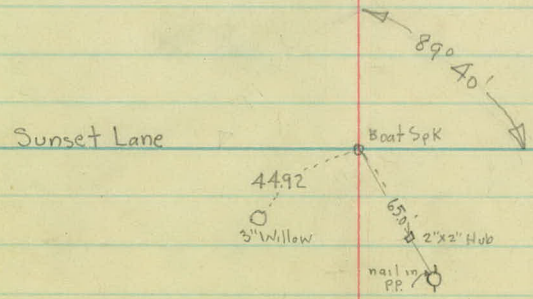
13+09.82 P.O.T.

7+55 P.O.T.

6+57.57 Sunset Lane =
0+00 Fairfield Drive


2"x2" Hub
100.00'
180° 00'
Orchard Place
2"x2" Hub
100.00'
2"x2" Hub
ctr. Ball @ Top Flag Pole


Boat Spk
62.80'
86.83'
12" Blo.ak.
12" Bl.0ak


89° 40'
Sunset Lane
Boat Spk
44.92'
3" Willow
65.0'
2"x2" Hub
nail in P.P.

9/19/35
Fuertell

TOPOG
FAIRFIELD DRIVE
IN
MOUNDS VIEW ACRES

Rd
15 - 2

+86 - 10"x24' CM
19 - 5

5 Rd
13 - 2

+65 Ent - 6"x20' Steel
3

4 Rd
9 - 3

+68 Ent

3 Rd
6 - 4

+93 PP
30

+10x34' CM
15.5 - 18.5

+48 Cor Garden
26

2 Rd
5 - 5

+48 PP
30

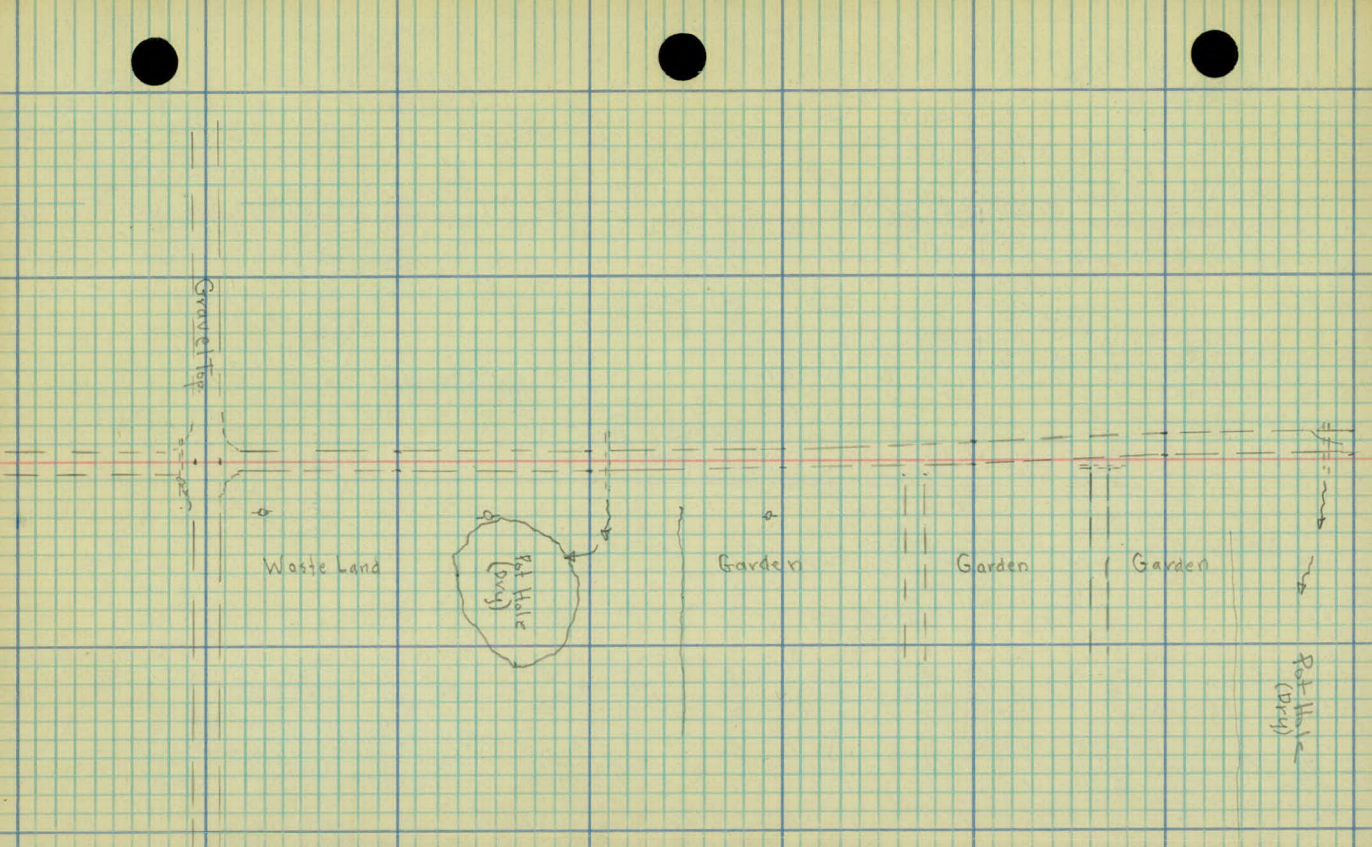
1 Rd
5 - 6

+30 PP
29

0+00 +08 Shoulder

-06 Shoulder

-12 - 18"x20' CM
12 - 8


Gravel Path
Waste Land
Pot Hole (Dry)
Garden
Garden
Garden
Pot Hole (Dry)

13

Fce
6

+29 Ent to Field
3

12

Fce
3

11

Fce
0

Trail
8-18

+70 8" BE
61
+66 6" BE
37
+33-12" Cottw. Tr
77

10

Fce
3

+33 End Gravel Top

+33 End Rd + Field Ent No. (Trail)

+59 FC
4

+33 Ent-12"x14"CM
6

9

Rd
0-12

+83 CorHo
65
+41 Fce
11

8

Rd
6-6

+65 Ent.

+56 Cor Ho
106

+77 FC.
20

+50 FC
26

+62 CorHo
70

+13 Stp.
17

+62 Ent.

+04 Stp.
15

7

+02 18" Oak
30

Fce
30

Rd
10-2

Fce
19

+448" Oak
42

+85 Beg Fce
31

+95 Stp.
11

+93 12" Oak
25

+42 Ent 12"x14"CM
21

+89 18" Oak
19

+30 10" Oak
40

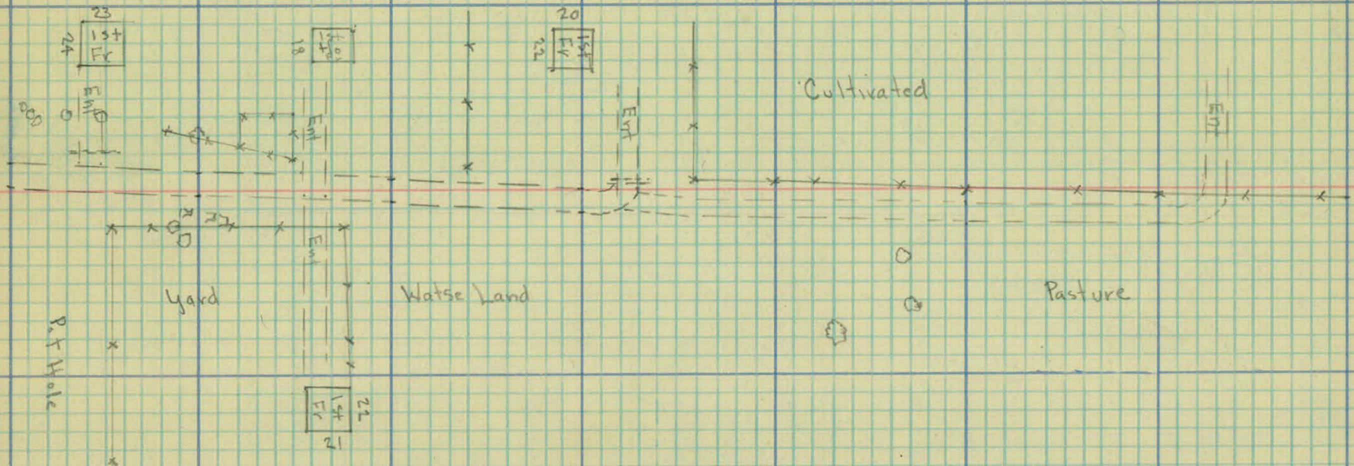
+37 CorHo
68

+58-2 Oaks
38

+54 FC
18

+13-3 Oaks
41

6

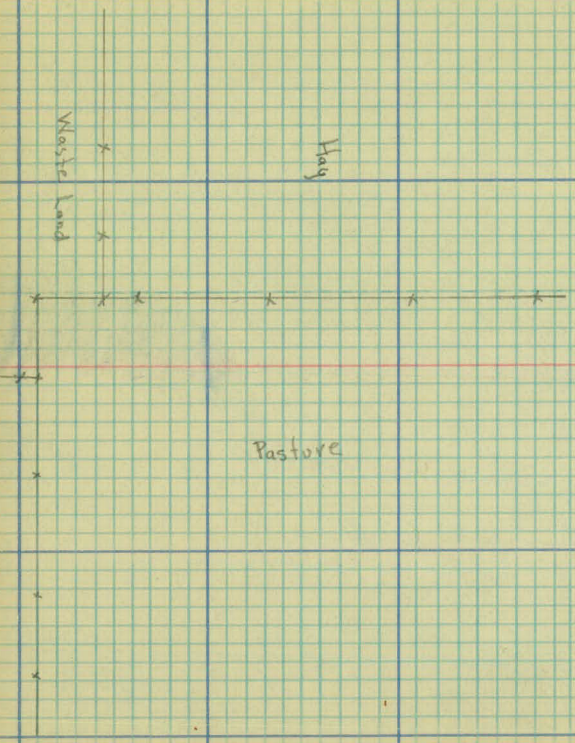

Cultivated
Pasture
Watse Land
Yard
P.t Hole
Ent
Ent
Ent
Ent
Ent
1st Fr
1st Fr
1st Fr
20
22
23
24
18
21
22

$\frac{143\ FC}{39}$

$\frac{+11\ FC}{39}$

$\frac{+10\ FC}{5}$

13


Waste land
Hay
Pasture

Purtell
9/17/35

X- Sections
Fairfield Drive
in
Mounds View Acres

Sta.	+	⊼	−		
B.M.	3.62	958.15			954.53
0+00		℄ Sunset Lane		49.6 ✓	
+11		Shoulder		49.4 ✓	
+17		Ditch		49.3 ✓	
+21				49.1 ✓	
+26				49.0 ✓	
+40				48.5 ✓	
				44.9 ✓	
⊙	0.85	945.48 ✓	13.52	944.63 ✓	

Spk in P.P. 125' So. + 35' E of Sunset Lane + Fairfield Drive

7.5/100 7.4/38 8.5 10.3/27 12.4/53 15.2/83 17.0/100

8.0/100 7.5/38 8.7 11.2/38 13.6/64 17.2/100

9.1/100 8.6/56 9.1/25 8.8/20 8.8 9.4/8 10.3/12 12.0/32 11.5/62 16.6/100

7.5/100 7.1/50-23 9.0/15 9.0 9.5/6-24 6.2/27 9.4/46 12.5/70 13.8/76 19.5/100

3.3/100 2.7/76 2.4/37 6.8/29 8.6/23 9.2/13 9.1 9.5/4 9.3/23 5.8/25 9.6/47 13.0/70 19.9/100

3.8/105 1.7/86 1.2/58 1.6/26 8.4/18 10.0/13 9.8/8 9.6 9.9/6 9.5/9 9.6/24 6.1/25 9.2/44 12.4/69 18.9/100 13.8/78

5.0/100 3.5/87 4.9/56 8.3/34 9.4/16 13.1/11 13.2

Sta	+	℄	−	
		945.48 ✓		
1				44.9 ✓
+25				43.0 ✓
+75				38.9 ✓
2				37.7 ✓
+10		10" X 34' CM.		37.4 ✓
+40				36.9 ✓
3				39.6 ✓
⊙	8.38	950.51 ✓	3.35	942.13 ✓
+60				42.2 ✓

10.6 1.7/12 1.3/15 5.3/49 10.0/87 10.4/100

+3.9/100 +4.7/73 .00/35 1.0/21 1.9/20 2.4/8 2.5 2.7/8 7.6/20 11.7/35 13.3/42 14.2/71 13.2/100

3.7/100 3.4/84 7.3/41 7.8/31 8.1/16 6.5/11 6.6 7.3/9 13.8/20 15.0/47-82 13.9/100

7.8

F.L.? F.L.?

4.8/100 4.3/82 7.3/49 9.3/30 10.32/16 9.6/16 8.2/12 8.1 8.8/9 10.7/14 11.95/19 12.4/29 13.3/53 13.8/83 12.7/100

7.3/100 6.2/82 7.7/60 8.8/40 9.6/11 8.7/9 8.6 9.0/6 10.1/13 10.2/32 11.6/58 13.2/67 13.7/100

7.3/100 5.4/64 5.7/19 5.6/14 6.4/10 5.9/6 5.9 6.1/10 4.4/12 5.7/39 10.1/77 13.1/100

8.8/100 4.3/70 3.5/50 4.2/16 8.1/11 8.5/7 8.3 8.4/9 6.0/11 7.7/29 11.2/64 14.0/100

Sta	+	±	−	
		950.51 ✓		
4				41.0 ✓
⊙	4.29	941.45 ✓	13.35	937.16 ✓
+80				36.7 ✓
5				34.7 ✓
+45				31.4 ✓
+86	10" X 24 CM.			
6				30.5 ✓
+75				32.2 ✓
7				33.9 ✓
+35				35.9 ✓

6.0/100 4.0/93 3.8/81 2.1/67 5.5/17 9.7/11 9.4/7 9.5 9.9/5 7.6/11 11.0/42 13.5/100

0.8/100 2.1/77 2.3/63 3.4/25 3.1/18 5.0/15 4.5/11 4.7 5.5/3 4.7/6 6.3/31 10.2/82 10.0/100

6.7

+1.1/125 +1.9/100 7.0/43 10.4/20 9.1/14 9.2/3 10.0 12.8/6 13.7/22 14.2/64 14.7/100

F.L. 11.65/19

F.L. 12.47/5

1.1/100 2.5/82 5.8/58 10.8/35 11.8/20 15-10.4/2 10.9 13.5/5 14.6/57 14.1/100

Fce

6.7/100 8.4/80 9.5/59 10.8/17 9.2/12 9.2 9.4/2 11.8/19 12.1/40 13.7/89 14.3/100

7.5

4.3/56 4.1/27 5.2/23 6.0/19 6.4/14 5.4/9 5.5 5.6/6 5.9/14 4.1/16 Fce/19 2.8/37 4.5/62 7.0/77

8.1/84

Sta	+	⌅	−		
		941.45 ✓			
8				36.8 ✓	
⊙	5.61	942.24 ✓	4.82	936.63 ✓	
+42				36.8 ✓	
9				35.2 ✓	
+29				34.0 ✓	
+70				29.6 ✓	
⊙	8.71	937.75 ✓	13.20	929.04 ✓	
BM.			8.19	929.56 ✓	
10				28.2 ✓	
BM	7.74	937.81 ✓	7.71	930.04 ✓	930.07 ✓

Fl. Ho. = +1.1 = El 42.5

Fl. Ho. 10.1 = El. 31.3

1.8/100 0.6/83 0.3/68 0.6/47 3.7/13 5.2/9 4.7/6 4.6 4.9/7 5.6/10 5.3/13 6.3/44 9.0/79 11.1/100

4.9/100 0.7/60 0.1/45 3.8/10 5.6/8 5.4 6.0/9 6.9/12 8.8/33 11.8/76 13.2/100

Fl. Ho 3.8
El 38.4

5.5/64 4.0/40 5.6/7 7.3/5 7.0/3 7.0 7.4/11 8.2/14 11.1/43 12.6/77 13.1/100

8.2

12.1/100 12.5/69 12.7/30 12.6 12.8/12 14.7/53 13.8/100

Top Stake @ Sta 10+00

Spkin 12" Cot. Wood 77' Rt Sta 10+33

7.2/100 8.6/49 9.1/3 9.6 9.4/12 10.0/17 10.4/52 9.4/94 8.3/100

Top Rock 3' Rt. Sta 11+15

Sta	+	℄	-
		937.81 ✓	
11			28.9 ✓
12			28.3 ✓
+22			28.7 ✓
13			26.2 ✓
+09.82			26.2 ✓
+50			25.0 ✓

In Dt7

1.7/100 3.9/66 8.9 9.5/5 10.7/43 11.8/45-47 10.6/48 10.0/72 9.9/100

Dt7

5.2/100 8.1/52 9.5 11.2/58 11.4/63 12.4/64-66 11.9/67 12.6/100

Dt8

6.5/100 8.6/51 9.1 9.2/11 12.1/64 12.7/65-66 12.7/67-100

5.8/100 10.6/38 11.6 12.9/60 13.5/100

5.8/100 10.3/40 11.6 13.4/50 14.5/100

Fce7

10.1/40 12.8 13.4/48

Oakwood Drive

Slope Stakes

H. Bratager
H. Wilke
C. Gottfried
Goldberg
Feist

Sta.	+	℄	−	Grade	Ditch Grade	Elev.
B.M.	6.13	917.46				911.33
1+00				16.8		
2+00				16.7		
2+55				17.1		
B.M.	8.85	920.18				911.33
3+00				17.5		
3+35				17.8		
4+00				18.3	16.1	
4+40				18.6	16.4	
4+93				19.0		
5+25				19.7		
6+00				19.9		
T.P.			2.98			917.20

12/11/33 Temp. Zero Light Wind

Grade Rod.	Lt.	℄	Rt.	
	Spike in 24" Cottonwood 100' N.E. of Orchard Place & Oakwood Drive			
0.7	4.1 / F. 3.4 / 23.2	5.3 / F 4.6	5.9 / F 5.2 / 28.6	
0.8	3.0 / F. 2.2 / 19.6	4.8 / F 4.0	5.4 / F. 4.6 / 26.8	
0.4		3.7 / F. 3.3	4.5 / F 4.1 / 25.3	
2.7		5.5 / F 2.8	6.6 / F 3.9 / 24.7	
2.4		4.8 / F 2.4	5.3 / F 2.9 / 21.7	
1.9 (4.1)	Spec. Ditch 1.4 / D.C. 2.7 / 31.0	5.3 / F 3.4	7.1 / F. 5.4 / 28.6	
1.6 (4.1)	1.7 / D.C. 2.4 / 31.0 Spec. Ditch	4.6 / F 3.0	7.0 / F 5.4 / 29.2	
1.2		2.3 / F 1.1	5.3 / F 4.1 / 25.3	
0.5		5.1 / F 4.6	7.6 / F 7.1 / 34.3	F 7.0 / 30 No Easement.
0.3		4.2 / F 3.9	6.4 / F 6.1 / 31.3	F 6.1 / 30

Sta.	+	±	−	Cuts	Ditch Grade	
		920.18	0.67			919.51
2+55	13.00	932.51		17.1	15.6	
3+00	Begin Spec. Ditch Gr.			17.5	16.0	
3+35				17.8	16.0	
4+93				19.0	16.3	
T.P.	9.49	926.69				917.20
5+75				19.7	16.3	
6+00	Check on Bench 926.69 4.50 922.19 O.K.			19.9	16.3	
6+75				20.5	19.0	
7+00				20.7	19.7	
7+60				21.7		
8+00				21.7		
9+00				24.0		
9+45				25.7	24.7	
T.P.			0.40			926.29

Grade Rods. Grade for Ditch.

	Lt.	℄	Rt.
16.9	5.6 / D.C. 11.3 / 44.1		
16.5	4.7 / D.C. 11.8 / 45.1	Begin Spec. Ditch on Lt.	
16.5	7.1 / D.C. 9.4 / 41.2	Spec. Ditch	
16.2	9.4 / D.C. 6.8 / 38.7	Spec. Ditch.	
10.4	10.2 / D.C. 0.2 / 31.0	Spec. Ditch. D.C. 0.1 / 30	
10.4	10.3 / D.C. 0.1 / 31.0	End of spec. ditch on Lt. D.C. 0.1 / 30	
6.2 7.7	2.7 / D.C. 5.0 / 31.5	5.7 / C. 0.5	7.7 / D.C. 0.0 / 30.3
6.0 7.5	3.2 / D.C. 3.9 / 31 D.C. 3.9 / 30	7.8 / F. 1.8	8.8 / F. 2.8 / 21.4
5.5	10.8 / F. 5.3 / 28.9	11.0 / F. 5.5	13.2 / F. 7.7 / 36.1 F. 7.7 / 30
5.0	11.1 / F. 6.1 / 31.3 F. 6.1 / 30	9.2 / F. 4.2	8.9 / F. 3.9 / 24.7
2.7	5.7 / F. 3.0 / 22.0	4.2 / F. 1.5	
1.0 2.5	2.3 / D.C. 0.2 / 31.0 D.C. 0.2 / 30	3.0 / F. 2.0	

Sta.	+	X	−	Grade	Grade	Elev.
T.P.	13.33	989.67				926.29
9+00				24.0	22.5	
9+45				25.7	24.7	
10+00				27.9	26.4	
11+00				33.4		
11+40				36.0		
12+00				40.7		
T.P.	11.89	950.17	1.34			938.28
12+00				40.7	38.7	
12+55				44.1	42.6	
13+00				47.7	45.7	
T.P.	12.87	962.20	0.84			949.33
12+55				44.1	42.6	
13+00				47.7	45.7	

Lt.	C	Rt.
17.1		11.3 / D.C. 5.8 / 33.1 — D.C. 5.2 / 30
15.4		11.7 / D.C. 3.7 / 31 — D.C. 3.6 / 30
11.7 13.7 — 14.7 / F. 3.0 / 22	14.4 / F. 2.7	14.7 / F. 3.0 / 22
6.2 — 9.4 / F. 3.2 / 22.6	10.9 / F. 4.7	12.8 / F. 6.6 / 37.6 — F. 6.6 / 30
3.6 — 7.0 / F. 3.4 / 23.2	8.7 / F. 6.1	11.5 / F 7.9 / 36.7 — F. 7.6 / 30
+0.6	2.0 / F. 7.6	5.9 / F. 6.5 / 37.5 — F. 6.3 / 30
11.5 — 7.0 / D.C. 4.5 / 31		
6.1 7.6	4.7 / C. 1.4	7.6 / D.C. 0.0 / 29.6
4.5		1.8 / D.C. 2.7 / 31 — D.C. 2.7 / 30
19.6 — 7.5 / D.C. 17.1 / 45.7		
15.0 16.5 — 3.0 / D.C. 12.8 / 48.3	14.7 / C. 3.3	

Sta.	+	℄	−	Grade	Ditch Grade	
		962.20				
13+60				51.4	49.9	
T.P.	4.54	966.59	0.15			966.05
13+60				51.4	49.9	
T.P.						966.05
	+7.20	969.25				
			9.38			959.87
T.P.	8.88	970.93				962.05
14				54.2		
+30				56.7		
15				60.0		
+50				62.1		
16				63.5		
17				64.7		
	5.73	973.80	2.86			968.07
+70				64.4		
18				64.1		

17
11
36

Rod Grade	Rod Dist.	Lt.	℄	Rt.
10.8	17.3		5.8 / C.5.0	9.8 / D.C. 21.5 / 31.0 — D.C. 2.5 / 30
	16.7	3.5 / D.C. 13.7 / 47.9		
		Check on Bench Mark		
		959.91		
16.7	18.7	6.3 / D.C. 11.9 / 45.3	12.1 / C.4.6	15.5 / D.C. 2.7 / 31 — D.C. 2.7 / 30
14.7	16.7	7.6 / D.C. 8.6 / 38.7	10.7 / C.4.8	11.7 / D.C. 5.0 / 31.5 — D.C. 4.7 / 30
10.9	12.4	3.1 / D.C. 9.3 / 40.1	6.9 / C.4.0	9.3 / D.C. 3.1 / 31 — D.C. 2.8 / 30
8.8	10.3	3.0 / D.C. 7.3 / 36.1	5.8 / C.3.0	8.8 / D.C. 1.2 / 31 — D.C. 1.5 / 30
7.4	8.9	4.1 / D.C. 4.8 / 31.1	6.0 / C.1.4	7.7 / D.C. 1.7 / 31 — D.C. 1.2 / 30
6.2	7.7	4.8 / D.C. 2.9 / 31	4.5 / C.1.7	4.8 / D.C. 2.9 / 31
9.4	10.9	5.2 / D.C. 5.7 / 37.9	4.8 / C.4.6	2.4 / D.C. 8.5 / 38.5
9.7	11.2	4.6 / D.C. 6.6 / 34.7	5.9 / C.3.8	1.5 / D.C. 9.7 / 40.9

Sta.	+	H.I.	−	Grade.	Elev.
18+50		973.80		63.5	
	2.15	963.74	12.21		961.59
19				62.5	
+75				60.9	
20				60.3	
T.P.	7.68	960.48	10.94		952.80
+65				59.1	
21				58.6	
+45				58.7	
22				57.9	
23				58.7	
B.M.	6.80	966.67	0.61		959.87 OK
24				58.8	959.91
+70				58.3	
25				57.9	

Grade Rod.	Lt.	C	Rt.	
10.3 / 10.8	9.2 / O.C. 2.6 / 31.0	9.7 / C. 0.6	5.0 / O.C. 6.8 / 35.1	
1.2 / 2.7	4.0 / F. 2.8 / 21.4	4.0 / F. 2.8	4.6 / F. 3.4 / 23.2	
2.8 / 4.3	11.4 / F. 8.6 / 38.8	7.8 / F. 5.0	10.6 / F. 7.8 / 36.4	
3.4 / 4.9	11.7 / F. 8.3 / 37.9	8.7 / F. 5.3	10.7 / F. 7.3 / 34.9	
1.4 / 2.9	7.3 / F. 5.9 / 30.7	5.4 / F. 4.0	6.5 / F. 5.1 / 28.3	
2.9 / 3.4	4.7 / F. 2.8 / 21.4	5.0 / F. 3.1	6.2 / F. 4.3 / 25.9	
2.3 / 13.8	6.9 / F. 4.6 / 26.8	6.1 / F. 2.8	6.2 / F. 3.9 / 24.7	
2.6 / 14.1	2.0 / F. 4.4 / 26.2	5.0 / F. 2.4	5.6 / F. 3.0 / 22.0	
2.3 / 3.8	4.0 / F. 1.7 / 18.1	3.3 / F. 1.0	0.8 / O.C. 3.0 / 31.0	O.C. 3.0 / 30
8.2 / 9.7	7.3 / O.C. 2.4 / 31.0	6.3 / C. 1.9	4.3 / O.C. 5.4 / 32.3	O.C. 5.4 / 30
8.4 / 9.9	3.8 / O.C. 6.1 / 33.7	4.8 / C. 3.6	4.5 / O.C. 5.4 / 32.3	O.C. 5.4 / 30
8.8 / 10.3	3.3 / O.C. 7.0 / 35.5	5.5 / C. 3.3	4.3 / O.C. 6.0 / 33.0	O.C. 6.0 / 30

Sta.	+	H.I.	−	Grade	Elev.
		966.67			
25+80				56.8	
26				56.4	
B.M.			6.80		959.87 959.91

Grade Rod.	Lt.	℄	Rt.	
9.9 / 11.4	10.6 / D.C. 0.8 / 31	9.6 / C. 0.3	5.0 / D.C. 6.4 / 33	D.C. 6.4 / 30
10.3 / 11.8	11.8 / D.C. 0.0 / 22	10.2 / C. 0.1	6.4 / D.C. 5.4 / 37.3	D.C. 5.4 / 30

26 + 34.34

26 + 35.60

52 + 69.94 ✓

131 + 82.98

105 + 48.64

26 + 34.34 "G" ✓

158 + 18.58

131 + 82.98

26 + 35.60 "H" ✓

158 + 18.58

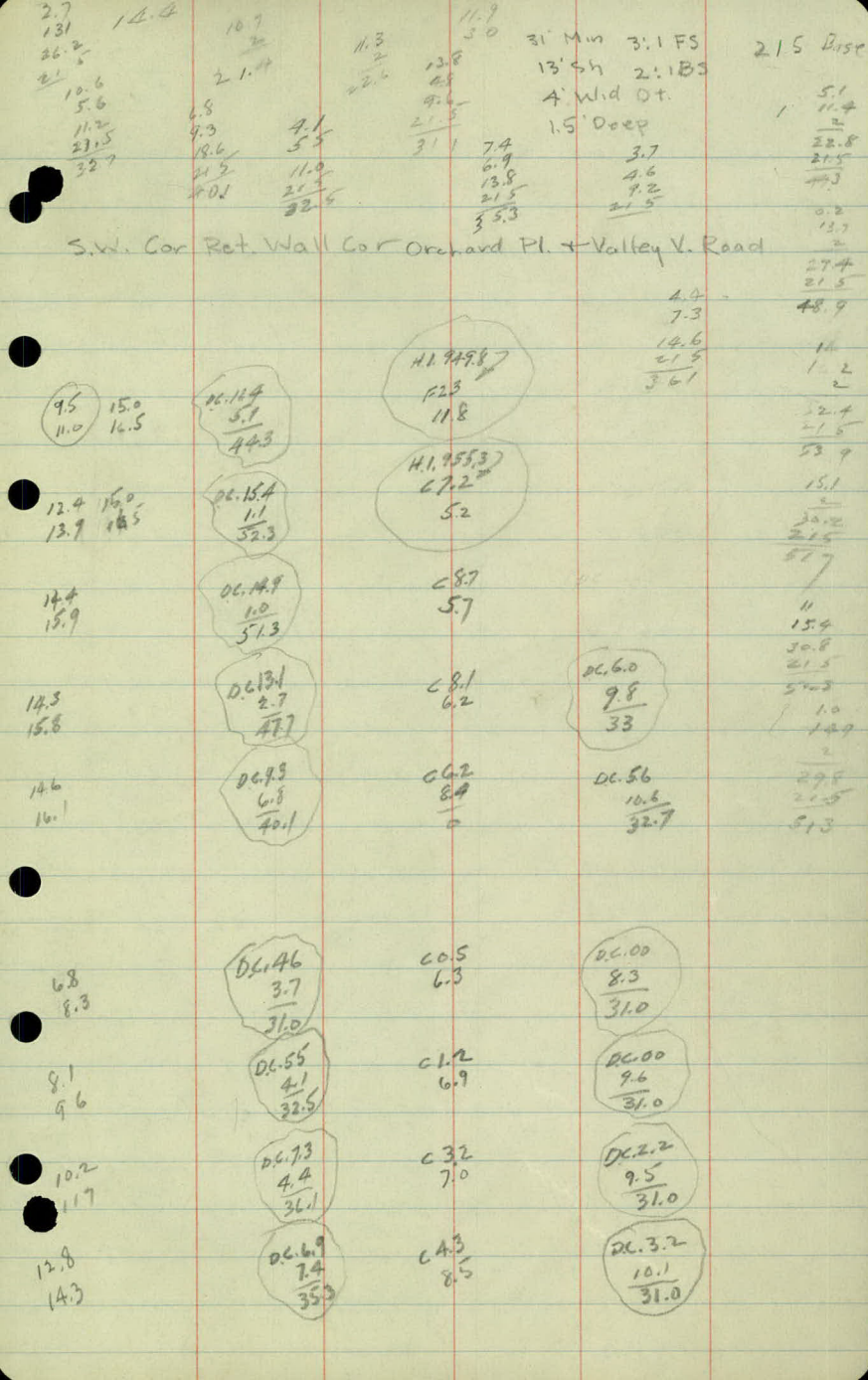
105 + 48.64

52 + 69.94 ✓

11/19/36

Slope Stakes
Orchard Place

BM.	13.74	949.75			936.01
0	6.93	955.29	1.39	948.36	
0			38.2	37.3	
0	13.61	951.95	11.03	944.26	
+33			40.3	42.2	
			42.9	50.2	
+32			43.5	52.3	
+60			43.6	51.9	
+90			43.4	49.6	
			42.8		
0	2.23	947.74	12.44	945.51	
+65			40.9	41.5	
			39.6	40.8	
+50			37.5	40.7	
			34.9	39.2	


31' Min 3:1 FS
13' Sh 2:1 BS
4' Wid Ot.
1.5' Deep
215 Dist
S.W. Cor Ret. Wall Cor Orchard Pl. & Valley V. Road
H.I. 949.8
F2.3
11.8
H.I. 955.3
C7.2
5.2
C8.7
5.7
C8.1
6.2
C6.2
8.4
0
C0.5
6.3
C1.2
6.9
C3.2
7.0
C4.3
8.5
DC.6.0
9.8
33
DC.5.6
10.6
32.7
DC.00
8.3
31.0
DC.00
9.6
31.0
DC.2.2
9.5
31.0
DC.3.2
10.1
31.0
DC.14.4
5.1
44.3
DC.15.4
1.1
52.3
DC.14.9
1.0
51.3
DC.13.1
2.7
47.7
DC.7.9
6.8
40.1
DC.4.6
3.7
31.0
DC.6.5
4.1
32.5
DC.7.3
4.4
36.1
DC.6.9
7.4
35.3

		47.74			
4 + 50			32.0	34.1	
①	1.10	935.74	13.10	934.64	
5			28.7	25.4	
⑤	1.93	925.47	12.20	923.54	
+35			26.2	19.5	
			16.5		
6			22.2	13.8	
⑥	5.78	920.46	10.79	914.68	
+38			19.4	16.2	
B.M.			9.14	911.32	911.32

10.2
6.9
3.8
20.7
4.2
8.1
3
24.3
13.0

5.1
5.8
3
16.4
13

10.4
7.1
3
21.3
13

6.7
2.4
9.1
3
27.3
13

40.3
1.8
42.1

8.4
9.0

12.8
4.4
8.8

13.0
6.0
18.0
13.0

12.7
9.4
3
28.2
13

15.7
17.2

DC.43
12.9
31.0

C2.1
13.6

DC.1.9
15.3
31.0

7.0
8.5

DC.00
8.5
31.0

F3.2
10.2

F6.0
13.0
31.0

TP#1

0.7

F5.8
5.1
29.4

F6.7
6.0

F9.7
9.0
42.4

3.3
4.8

F6.9
10.2
38.7

F8.4
11.7

F9.4
12.7
41.2

1.1
2.6

F8.2
9.3

F8.1
9.2
37.3

Spk.n 24" Cott. 100' NE: Orchard Place & Oakwood Drive

11-6

11/19/34

℄
Levels
Orchard Place

B.M.	13.74	949.75			936.01
⊙	6.81	955.17	1.39		948.36
○					
1	5.1			50.1	
+32	3.0			52.2	
+60	3.3			51.9	
+90			5.6	49.6	
2			6.6	48.6	
+50			12.7	42.5	
+65			13.7	41.5	
⊙	0.68	943.07	12.78		942.39
3	2.2			40.9	
+50	2.3			40.8	
4	9.9			39.2	

4 + 50			9.0	34.1	
⊙	0.93	932.49	11.51		931.56
5			7.1		
+35			12.9		
⊙	1.77	921.76	12.50		919.99
6			7.94	13.9	
+58			10.7	11.1	
B.M.			10.40		911.36

Sta. 1+80 Rock 50' N.

S p/k. in 24" Cott. 100' NE Orchard Place + Oakwood Driv

Fairchild Drive

5.1
4.4
33.3

B.M.	11.71	941.28		929.56
6 + 75			34.7	32.2
7			34.6	33.9
+35			34.5	35.9
8			34.3	36.8
+42			34.0	36.8
9			33.3	35.2
+29			32.8	34.0
+70			32.1	29.6
0			31.6	28.2
B.M.				929.56
1			29.8	28.9
12			28.0	28.3

2.8
3

5.7
11.4
21.5
3 29.7
2
3.4
21.5
34.9

10.4
3.8
3
11.4

12.1
5.5
3
16.5

13' Top

21.5 Base
2:1 B.S.

31' Min sec
3:1 F.S.

5.5
11.

1.3

1.0

10/29/36

1.2 7.3
14.6
21.5
35.1

15.0
21.5
36.5

7.5

8.8
2
17.6
21.5
39.1

9.8
2
19.6
21.5
41.1

6.6 8.1	F 3.8 / 10.4 / 24.4	F 2.5 9.1	F 5.5 / 12.1 / 29.5
6.7 8.2	DC 0.0 / 8.2 / 30.0	F 0.6 7.3	DC 1.5 / 6.7 / 30.0
6.8 8.3	DC 3.7 / 4.6 / 30.0	C 1.5 5.3	DC 5.5 / 2.8 / 32.5
7.0 8.5	DC 7.3 / 1.2 / 35.1	C 2.6 4.4	DC 2.9 / 5.6 / 30.0
7.3 8.8	DC 9.8 / +1.0 / 41.1	C 2.9 4.4	DC 1.4 / 7.4 / 30.0
8.0 9.3	DC 5.7 / 3.8 / 32.9	C 2.0 6.0	DC 0.7 / 8.8 / 30.0
8.5 10.0	DC 3.1 / 6.9 / 30.0	C 1.1 7.4	DC 0.3 / 9.7 / 30.0
9.2 10.7	F 2.4 / 11.6 / 20.2	F 2.5 11.7	F 3.5 / 12.7 / 23.5
9.7 11.2	+ F 2.8 / 12.5 / 21.4	F 3.4 13.1	F 3.7 / 13.4 / 24.1

Spk in 12" Cottonwood 17' Rt Sta 10+33

10.5 12.0	DC 0.0 / 10.1 / 30.0	F 1.8 12.3	F 2.9 / 13.4 / 21.7
13.3 14.8	DC 2.4 / 12.4 / 30.0	C 0.4 12.9	DC 0.9 / 13.9 / 30.0

12.7
3.5
3
10.5

11.6
2.4
3
7.2

13.4
3.7
3
11.1

12.5
2.6
5.6

13.4
2.9
3
8.7

12 + 22 27.6 28.7

13 26.2 26.2