

Book-5-Dr. 11-A X

OFFICE COUNTY ENGINEER  
RAMSEY CO. MINN.

Plain Survey

Foss Road

From Co. Rd. D. To  $\frac{1}{4}$  Mi. N. S. T. H. 63

Road Acc't. No. 31-M3

Date Filed 6-15-31

File 31-M3

Weber 5/21/31  
Beaton  
Stooglum  
Persons  
Milke

Transit Notes

Foss Road

Co. Rd. "D" To 1316.5 W. of S.T.H. #69

0+00

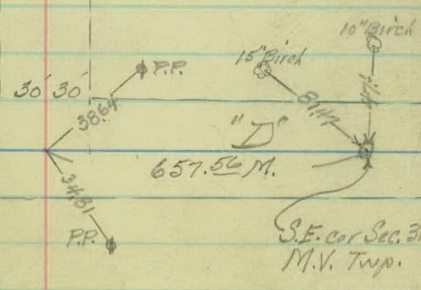
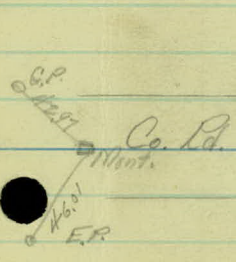
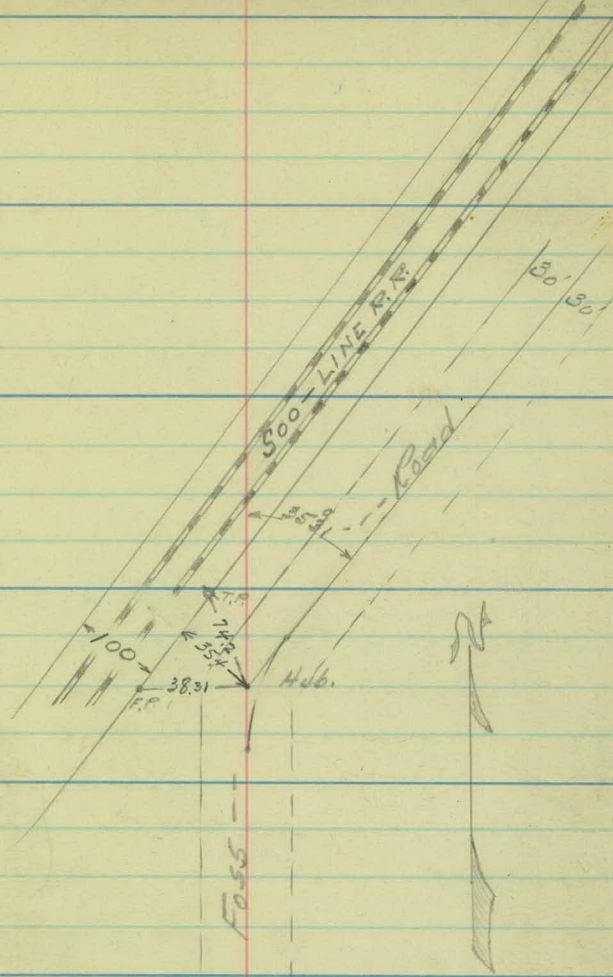
42+00

Sta. Point  $\Delta$  Pt.

20+64.71	P.T.	174 <sup>0</sup> 55	} $\Delta = 35.31'$ $\Delta = 20^\circ$ $T = 92.22$ $L = 177.58$ $R = 287.94$
+50		16 <sup>0</sup> 17 <sup>5</sup>	
20		11 <sup>0</sup> 17 <sup>5</sup>	
19+79.35	P.I.		
+50		6 <sup>0</sup> 17 <sup>5</sup>	
19		1 <sup>0</sup> 17 <sup>5</sup>	
18+87.3	P.C.	0 <sup>0</sup> 00	

6+00 P.O.T.

0+00



Sta. Point

$\Delta R^4$

55+74.5

S.T.H. #63

42+00 P.O.T. End Proj.

33+00 P.O.T.

29+41.54 Mont.

0°45'

28+92.59 P.T.

27°03'

+50

22°47'

28

17°47'

27+69.12 P.I.

$\Delta 54^{\circ}06'$

D 20°

+50

12°47'

T 147.03

27

7°47'

L 220.50

R 227.94

+50

2°47'

26+22.09

0°00'

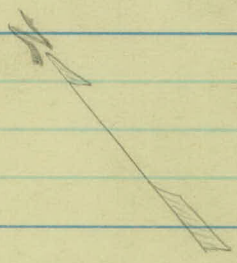
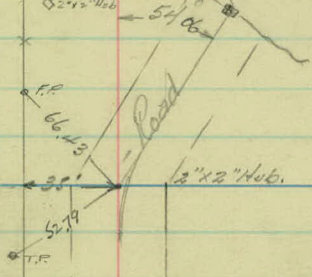
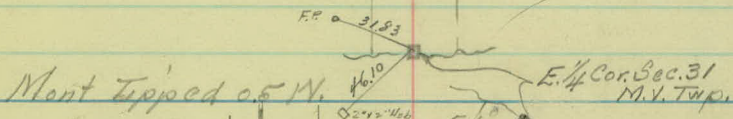
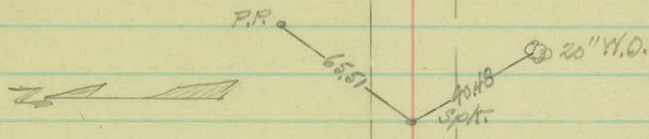
J.T.H.

Hole.

#63

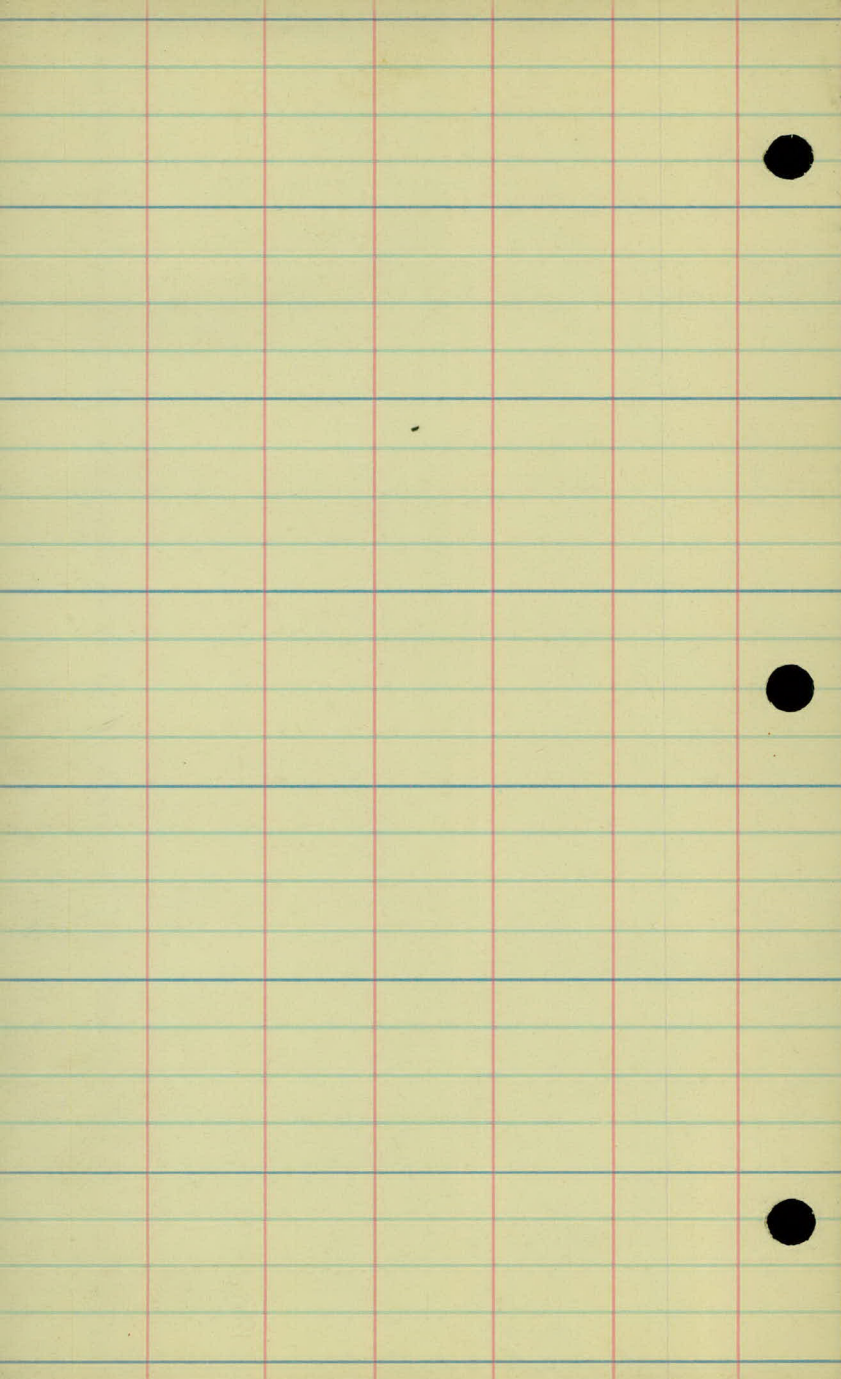
Ravemant.

60'



← 100 →

60'



Topography Notes.

0+00 To 42+00



6

5

4

3

2

1

2 165

0+00

Un-Cultivated

+81 P.P. 255

+86 Pr. Dr.

Yard.

+28 Pr. Dr.

+30 P.P. 26'

+92 End Cult. Beg. Yard.

Calc.

+07 E Cor 29'

+07 P.P. 25'

+50 Pr. Dr.

Garden

No cultivated

+82 F int. 30'

+82 P.P. 23'

Garden

+34 End Yard.

+24 X Dr. 12" x 24'

Barn yard.

+10  
+7'

+59 Beg. F 30'

+55 4-10" V. 11 20'

+25 Cor. Hen house 32'



+77 P.P. 235

20' V x 185'

+66 Cor. Col. 18' P.P.

+63 Row Eng. 30'

Garden

+11 Cor. Ord. 40

+77 Cor. Orch. 39'

+28 P.P. 26'

13

12

11

10

28

72

9

8

7

+79- 10" B.O. 20'  
+61- 18" B.O. 33'  
+33- 15" B.O. 27'  
+25- 18" V.O. 23'

Un-cult.

+74- 18" B.O. 34'  
+66- 12" B.O. 31'

+68' 24" B.O. 36'

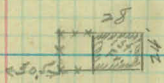
Un-cult.

+07 Pr. Dr.  
12" x 20" C.M. 14'

+69 P.P. 27'

Un-cult.

+45 P.P. 27'



+90 Cor. Ho. 41'  
+74 Pr. Dr.

+61 End Berry's 30'  
+61 F.C. 27'



+79 P.P. 26.5'

Un-cult.

+13 x Dr. 12" x 48" C.M.  
+13 Berry Patch 30'

Un-cult.

+8 P.P. 26'

+96 F.W.

+65 F.C. 131'

Un-cult.

⊕

20

19

18

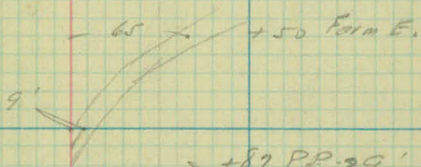
17

16

15

14

Un-Cultivated



un-Cultivated  
+87 PP-29'

+19' PP-28



+26 X Dr. 45°  
24" X 24" C.M.

+62 PP-27

27

26

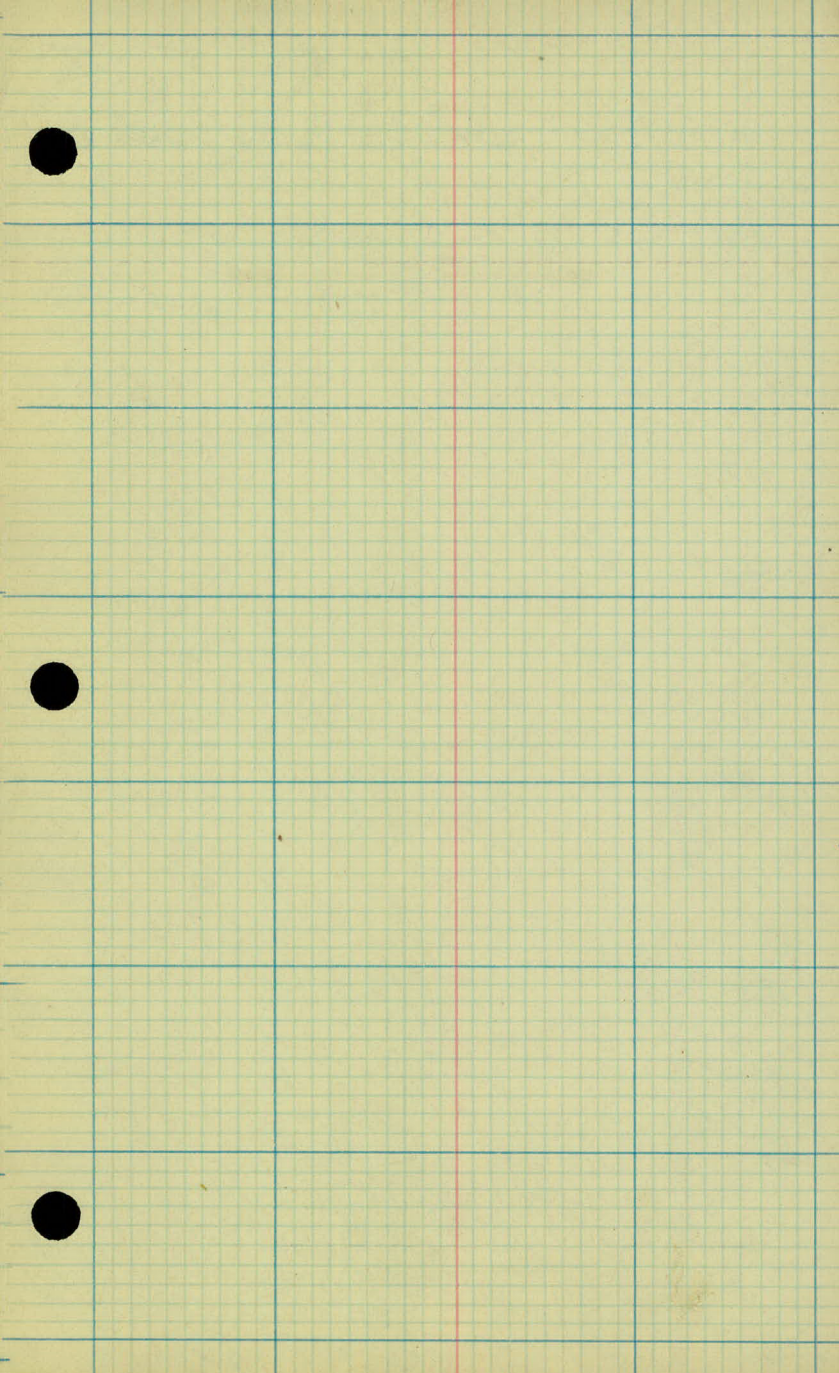
25

24

23

22

21





34

33

32

31

30

29

28

F. 27

Pig Pen

+37 F. int. 30

F 27.5

+21 Twin 15" Milk 10'

+14-24" Pop. 11'

+68-74" Pop. 9'

+20 F. Col. 27'

Cultivated.

41

40

39

38

37

36

35

+18 F.G. 18'7" x x x x

+56 F. Cor. 27'

In Cult.

+11 Ditch

In Cult.

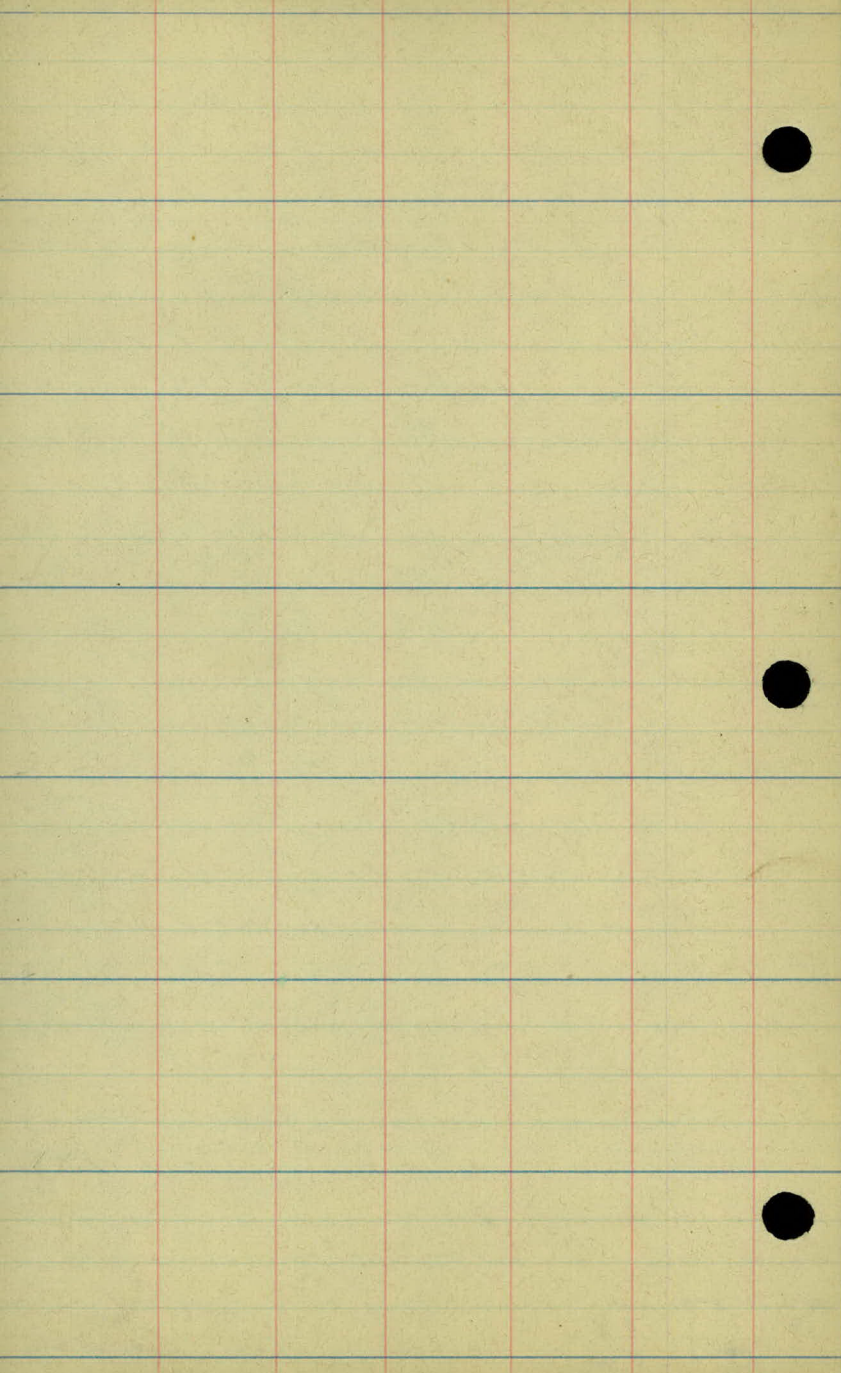
Cult.

In Cult.

+99 x 20" x 16' 0" Ditch  
+90 F. Cor. 21' x x x

+75 End Cult.







BM	200	952.48 ✓	950.48
		947.73	945.23
BM		0.66	951.82 ✓
			<del>946.57</del>
0+00		to "D"	952.4.

+14 51.9.

+21 51.2.

+24 50.8.

+50 48.9.

1 46.3.

+50 45.3.

2 44.9.

+50 45.5.

3 46.5.

+50 48.1.

4 49.4.

+50 50.5.

Left      &      Right

Spt in R.P 30' Rt. 5+30

Spt in R.P 26' Rt Sta 0+28.

$\frac{+0.6}{50}$     $\frac{+0.3}{26}$    01    $\frac{0.4}{23}$     $\frac{0.8}{50}$

$\frac{0.4}{50}$     $\frac{0.4}{34}$     $\frac{0.8}{15}$    06    $\frac{1.1}{18}$     $\frac{0.8}{27}$     $\frac{1.2}{50}$

$\frac{1.5}{40}$     $\frac{1.6}{17}$     $\frac{1.6}{8}$    13    $\frac{1.8}{16}$     $\frac{2.1}{21}$     $\frac{3.2}{40}$

$\frac{0.5}{40}$     $\frac{1.3}{15}$     $\frac{3.2}{9}$     $\frac{1.8}{7}$    17    $\frac{1.5}{5}$     $\frac{2.3}{17}$     $\frac{4.5}{21}$     $\frac{3.0}{24}$     $\frac{3.8}{40}$

$\frac{1.0}{40}$     $\frac{3.2}{10}$     $\frac{4.6}{5}$     $\frac{3.8}{2}$    36    $\frac{5.4}{6}$     $\frac{4.1}{14}$     $\frac{5.6}{17}$     $\frac{4.4}{19}$     $\frac{5.1}{40}$

$\frac{3.8}{40}$     $\frac{4.7}{25}$     $\frac{5.8}{9}$     $\frac{7.1}{5}$    63    $\frac{6.0}{7}$     $\frac{6.4}{13}$     $\frac{7.4}{17}$     $\frac{6.8}{19}$     $\frac{7.4}{40}$

$\frac{6.6}{40}$     $\frac{7.4}{28}$     $\frac{8.0}{4}$    72    $\frac{7.2}{7}$     $\frac{7.8}{13}$     $\frac{8.6}{18}$     $\frac{8.4}{40}$

$\frac{9.0}{40}$     $\frac{8.8}{3}$    76    $\frac{7.2}{2}$     $\frac{7.5}{12}$     $\frac{9.2}{18}$     $\frac{8.2}{40}$

$\frac{8.5}{40}$     $\frac{8.6}{27}$     $\frac{8.4}{6}$     $\frac{7.1}{2}$    70    $\frac{7.0}{11}$     $\frac{7.8}{17}$     $\frac{7.5}{40}$

$\frac{6.9}{40}$     $\frac{6.3}{30}$     $\frac{6.2}{11}$     $\frac{7.0}{10}$     $\frac{6.5}{3}$    60    $\frac{6.1}{7}$     $\frac{7.0}{14}$     $\frac{7.0}{18}$     $\frac{6.2}{20}$     $\frac{6.2}{40}$

$\frac{3.9}{40}$     $\frac{4.1}{30}$     $\frac{4.5}{15}$    44    $\frac{4.5}{10}$     $\frac{5.5}{14}$     $\frac{5.5}{18}$     $\frac{4.5}{19}$     $\frac{4.4}{40}$

$\frac{3.9}{40}$     $\frac{3.6}{20}$     $\frac{3.3}{9}$     $\frac{3.1}{6}$     $\frac{3.2}{2}$    31    $\frac{3.1}{10}$     $\frac{4.0}{14}$     $\frac{4.0}{18}$     $\frac{3.0}{19}$     $\frac{2.9}{40}$

$\frac{6.0}{40}$     $\frac{5.0}{23}$     $\frac{3.6}{15}$     $\frac{3.0}{4}$     $\frac{2.1}{7}$    20    $\frac{1.9}{10}$     $\frac{2.9}{13}$     $\frac{2.8}{17}$     $\frac{1.6}{18}$     $\frac{1.5}{40}$



952.48 ✓  
947.23

5 950.2,

+50 50.7,

+73 51.2,

6 960.54 ✓ 950.48 ✓ 51.1,  
T.P. 10.06 955.29 2.00 945.23

+50 50.8,

7 49.2,

+50 948.25 ✓ 947.17 ✓ 47.1,  
T.P. 10.8 943.00 13.37 941.42

8 45.0,

+32 938.02 ✓ 936.79 ✓ 42.7,  
T.P. 1.23 932.77 11.46 931.54

9 37.5,

+29 35.3,

+70 324,

Left. £ Right

$\frac{7.5}{40}$   $\frac{6.0}{19}$   $\frac{4.1}{8}$   $\frac{2.5}{3}$  2.3  $\frac{2.5}{70}$   $\frac{3.5}{13}$   $\frac{3.6}{17}$   $\frac{2.4}{18}$   $\frac{1.8}{40}$

$\frac{4.5}{40}$   $\frac{4.4}{21}$   $\frac{3.8}{10}$   $\frac{2.3}{7}$  1.8  $\frac{2.0}{7}$   $\frac{2.9}{18}$   $\frac{3.3}{40}$

$\frac{4.2}{40}$   $\frac{3.3}{14}$   $\frac{2.1}{10}$  1.3  $\frac{1.5}{7}$   $\frac{1.8}{18}$   $\frac{2.0}{40}$

$\frac{3.6}{40}$   $\frac{2.6}{21}$   $\frac{1.7}{10}$  1.4  $\frac{1.7}{10}$   $\frac{2.3}{11}$   $\frac{2.3}{16}$

(94)

$\frac{5.6}{22}$   $\frac{6.8}{40}$

$\frac{1.2}{40}$   $\frac{0.8}{25}$   $\frac{10.5}{16}$   $\frac{10.5}{13}$   $\frac{9.8}{11}$  9.7  $\frac{10.0}{8}$   $\frac{10.6}{9}$   $\frac{10.2}{12}$   $\frac{2.4}{21}$   $\frac{3.4}{40}$

$\frac{7.0}{40}$   $\frac{7.1}{22}$   $\frac{12.5}{17}$   $\frac{12.5}{14}$   $\frac{11.8}{13}$  11.3  $\frac{11.8}{8}$   $\frac{12.5}{9}$   $\frac{12.3}{13}$   $\frac{6.0}{19}$   $\frac{6.4}{40}$

$\frac{9.8}{40}$   $\frac{10.7}{22}$   $\frac{14.6}{18}$   $\frac{14.4}{15}$   $\frac{13.6}{13}$  13.4  $\frac{13.8}{8}$   $\frac{14.6}{9}$   $\frac{14.6}{14}$   $\frac{10.4}{19}$   $\frac{11.4}{40}$

$\frac{10}{40}$   $\frac{3.1}{23}$   $\frac{5.2}{20}$   $\frac{5.2}{17}$   $\frac{3.8}{14}$  3.3  $\frac{3.7}{8}$   $\frac{8.1}{16}$   $\frac{10.7}{40}$

$\frac{7.0}{40}$   $\frac{8.7}{17}$   $\frac{6.1}{13}$  5.6  $\frac{6.3}{7}$   $\frac{13.0}{17}$   $\frac{15.5}{40}$

$\frac{6.8}{40}$   $\frac{7.5}{23}$   $\frac{1.3}{14}$  0.5  $\frac{1.3}{6}$   $\frac{12.0}{22}$   $\frac{15.2}{40}$

$\frac{5.4}{40}$   $\frac{7.2}{25}$   $\frac{7.6}{21}$   $\frac{3.3}{13}$  2.7  $\frac{3.6}{7}$   $\frac{13.8}{23}$   $\frac{15.0}{27}$   $\frac{16.0}{40}$

$\frac{1.4}{40}$   $\frac{2.1}{26}$   $\frac{7.1}{22}$   $\frac{6.8}{15}$   $\frac{6.0}{14}$  5.6  $\frac{6.7}{8}$   $\frac{14.7}{22}$   $\frac{15.2}{27}$   $\frac{16.5}{40}$

Sta.	+	Al.		Elev
10		938.02 ✓ 932.77		930.9.
+50		930.12 ✓		28.6.
T.P.	2.67	924.87	10.57	927.45 ✓ 924.20
11				27.4.
+50				26.8.
12				26.0.
+30				25.8.
13				23.9.
+50				21.9.
BM	2.39	925.71 ✓	6.80	923.32 ✓ 918.07 923.32
14				20.0.
+50				19.3.
15				18.8.
+50				18.7.
16				18.9.

Left.                      £                      Right

$\frac{2.7}{40}$   $\frac{2.4}{27}$   $\frac{8.2}{21}$   $\frac{7.3}{12}$  7.1  $\frac{7.6}{6}$   $\frac{14.1}{17}$   $\frac{16.8}{40}$

$\frac{6.1}{40}$   $\frac{6.1}{27}$   $\frac{10.3}{21}$   $\frac{10.6}{19}$   $\frac{9.6}{15}$  9.4  $\frac{9.8}{7}$   $\frac{12.8}{14}$   $\frac{15.2}{30}$   $\frac{15.8}{40}$

$\frac{1.5}{40}$   $\frac{3.1}{33}$   $\frac{4.5}{17}$   $\frac{3.1}{13}$  2.7  $\frac{3.8}{7}$   $\frac{5.4}{12}$   $\frac{6.1}{20}$   $\frac{5.6}{40}$

$\frac{4.0}{40}$   $\frac{5.2}{36}$   $\frac{6.2}{25}$   $\frac{7.4}{19}$   $\frac{4.2}{13}$  3.3  $\frac{4.1}{7}$   $\frac{5.8}{12}$   $\frac{6.0}{16}$   $\frac{4.6}{17}$   $\frac{3.0}{29}$   $\frac{1.0}{40}$

$\frac{6.8}{40}$   $\frac{8.7}{32}$   $\frac{7.2}{19}$   $\frac{4.6}{13}$  4.1  $\frac{4.5}{7}$   $\frac{5.8}{10}$   $\frac{5.8}{12}$   $\frac{4.2}{20}$   $\frac{7.3}{40}$

$\frac{9.2}{40}$   $\frac{5.1}{20}$   $\frac{5.7}{19}$   $\frac{5.3}{14}$   $\frac{4.6}{13}$  4.3  $\frac{4.7}{8}$   $\frac{5.4}{10}$   $\frac{5.4}{13}$   $\frac{4.0}{21}$   $\frac{7.4}{40}$

$\frac{8.7}{40}$   $\frac{7.0}{22}$   $\frac{8.1}{20}$   $\frac{8.0}{16}$   $\frac{7.0}{13}$  6.2  $\frac{6.3}{9}$   $\frac{6.0}{17}$   $\frac{4.1}{32}$   $\frac{2.5}{40}$

$\frac{12.4}{40}$   $\frac{10.7}{16}$   $\frac{9.0}{12}$  8.2  $\frac{8.6}{8}$   $\frac{9.3}{11}$   $\frac{9.5}{16}$   $\frac{8.5}{17}$   $\frac{7.2}{40}$

Spike in 30" Oak. 40' R. Sta. 13+70

$\frac{8.8}{40}$   $\frac{8.0}{15}$   $\frac{6.3}{12}$  5.7  $\frac{6.2}{7}$   $\frac{7.2}{11}$   $\frac{7.0}{15}$   $\frac{7.0}{40}$

$\frac{9.8}{40}$   $\frac{10.0}{16}$   $\frac{7.2}{11}$  6.4  $\frac{7.6}{7}$   $\frac{9.1}{10}$   $\frac{9.8}{23}$   $\frac{9.4}{40}$

$\frac{10.0}{40}$   $\frac{9.6}{14}$   $\frac{7.6}{11}$  6.9  $\frac{7.7}{8}$   $\frac{10.2}{12}$   $\frac{10.0}{40}$

$\frac{7.6}{40}$   $\frac{8.3}{14}$   $\frac{7.3}{11}$  7.0  $\frac{7.8}{8}$   $\frac{9.8}{11}$   $\frac{10.0}{40}$

$\frac{4.7}{40}$   $\frac{6.8}{11}$   $\frac{7.2}{7}$   $\frac{6.8}{5}$  6.8  $\frac{7.5}{8}$   $\frac{8.2}{11}$   $\frac{7.6}{12}$   $\frac{8.2}{40}$

925.71 ✓

+63

920.8.

17

19.4.

+35

19.0.

18

15.0.

+50

14.7.

19

16.1.

+20

17.5.

T.P.

0.50

915.08 ✓

11.13

914.58 ✓

+50

~~0.50~~

~~915.08~~

~~11.13~~

~~914.58~~

13.9.

+68

14.1.

20

11.1.

+50

10.7.

21

09.6.

22

08.3.

Left. £ Right

$\frac{84}{40}$   $\frac{7.8}{24}$   $\frac{6.4}{10}$   $\frac{6.8}{8}$   $\frac{5.6}{5}$  4.9  $\frac{4.8}{7}$   $\frac{5.3}{10}$   $\frac{4.5}{11}$   $\frac{3.8}{27}$   $\frac{3.6}{40}$

$\frac{9.2}{40}$   $\frac{8.6}{23}$   $\frac{7.4}{10}$   $\frac{7.8}{8}$   $\frac{6.8}{5}$  6.3  $\frac{6.2}{7}$   $\frac{6.5}{9}$   $\frac{5.5}{11}$   $\frac{6.0}{27}$   $\frac{6.2}{40}$

$\frac{8.4}{40}$   $\frac{7.8}{26}$   $\frac{7.2}{11}$   $\frac{7.8}{9}$   $\frac{7.5}{7}$   $\frac{6.9}{6}$  6.7  $\frac{7.0}{6}$   $\frac{7.4}{7}$   $\frac{7.7}{9}$   $\frac{7.2}{11}$   $\frac{8.6}{40}$

$\frac{7.3}{40}$   $\frac{9.8}{12}$   $\frac{10.8}{9}$   $\frac{10.3}{7}$  10.7  $\frac{11.9}{7}$   $\frac{12.1}{40}$

$\frac{7.5}{40}$   $\frac{9.7}{13}$   $\frac{10.7}{10}$  11.0  $\frac{12.0}{7}$   $\frac{12.4}{40}$

$\frac{8.5}{40}$   $\frac{9.5}{28}$   $\frac{7.6}{14}$   $\frac{8.6}{12}$  9.6  $\frac{11.3}{8}$   $\frac{11.7}{40}$

$\frac{9.0}{40}$   $\frac{10.6}{22}$   $\frac{8.1}{10}$   $\frac{7.6}{3}$  8.2  $\frac{9.4}{4}$   $\frac{10.5}{32}$   $\frac{14.3}{39}$

$\frac{1.0}{40}$   $\frac{2.0}{22}$   $\frac{0.0}{11}$   $\frac{0.2}{4}$  1.2  $\frac{0.4}{3}$   $\frac{0.6}{27}$   $\frac{4.2}{31}$   $\frac{3.3}{35}$   $\frac{0.7}{40}$   $\frac{0.7}{45}$

$\frac{2.2}{40}$   $\frac{2.7}{15}$   $\frac{2.3}{2}$  1.0  $\frac{1.0}{21}$   $\frac{4.2}{27}$   $\frac{4.2}{31}$   $\frac{1.0}{36}$   $\frac{0.8}{40}$

$\frac{4.1}{40}$   $\frac{4.8}{32}$   $\frac{4.2}{14}$  4.0  $\frac{3.6}{6}$   $\frac{2.0}{20}$   $\frac{4.3}{24}$   $\frac{4.5}{28}$   $\frac{1.8}{32}$   $\frac{1.3}{40}$

$\frac{3.5}{40}$   $\frac{4.4}{37}$   $\frac{4.7}{18}$  4.4  $\frac{4.3}{14}$   $\frac{3.4}{20}$   $\frac{3.3}{40}$

$\frac{5.5}{40}$   $\frac{5.5}{16}$  5.5  $\frac{5.3}{23}$   $\frac{4.3}{40}$

$\frac{6.2}{40}$   $\frac{6.6}{20}$  6.8  $\frac{6.8}{20}$   $\frac{6.8}{40}$

915.08 ✓

23 208.2

B.M. 3.31 911.77 911.77

24 08.5

25 11.3

+50 11.9

T.P. 10.69 925.20 ✓ 0.57 914.51

26 14.0

+25 13.4

+50 14.5

27 17.2

+18 21.8

+50 23.2

T.P. 3.12 926.70 ✓ 1.62 923.58

28 22.8

+50 19.0

29 16.7

$$\frac{6.6}{40} \quad \frac{6.8}{20} \quad 6.9 \quad \frac{6.9}{20} \quad \frac{6.6}{40}$$

T.P.

$$23 + 90$$

50' Lt.

$$\frac{5.8}{40} \quad \frac{6.4}{20} \quad 6.6 \quad \frac{6.8}{20} \quad \frac{6.6}{40}$$

$$\frac{2.0}{40} \quad \frac{4.2}{34} \quad \frac{4.4}{18} \quad \frac{3.5}{13} \quad 3.8 \quad \frac{4.0}{20} \quad \frac{3.7}{40}$$

$$\frac{2.4}{40} \quad \frac{3.1}{13} \quad 3.2 \quad \frac{3.1}{20} \quad \frac{2.4}{33} \quad \frac{0.8}{40}$$

$$\frac{1.2}{40} \quad \frac{1.20}{32} \quad \frac{1.22}{15} \quad 11.2 \quad \frac{10.0}{18} \quad \frac{10.0}{40}$$

$$\frac{11.7}{40} \quad \frac{11.7}{32} \quad \frac{11.4}{17} \quad 11.8 \quad \frac{11.3}{10} \quad \frac{10.7}{18} \quad \frac{8.8}{25} \quad \frac{8.4}{40}$$

$$\frac{10.7}{40} \quad \frac{10.7}{19} \quad 10.7 \quad \frac{11.0}{19} \quad \frac{10.5}{35} \quad \frac{9.7}{40}$$

$$\frac{8.2}{40} \quad \frac{7.7}{37} \quad \frac{8.3}{22} \quad 8.0 \quad \frac{6.2}{18} \quad \frac{5.0}{23} \quad \frac{5.3}{40}$$

$$\frac{7.3}{40} \quad \frac{6.3}{16} \quad 3.4 \quad \frac{4.3}{21} \quad \frac{4.6}{40}$$

$$\frac{0.5}{40} \quad \frac{1.2}{19} \quad 2.0 \quad \frac{3.0}{24} \quad \frac{3.7}{40}$$

$$\frac{1.2}{40} \quad \frac{2.7}{16} \quad 3.9 \quad \frac{5.1}{15} \quad \frac{6.2}{30} \quad \frac{7.2}{40}$$

$$\frac{3.3}{40} \quad \frac{4.6}{27} \quad \frac{6.2}{12} \quad 7.7 \quad \frac{9.0}{8} \quad \frac{10.0}{25} \quad \frac{10.4}{40}$$

$$\frac{4.7}{40} \quad \frac{7.0}{23} \quad \frac{8.5}{15} \quad 10.0 \quad \frac{10.7}{25} \quad \frac{10.7}{40}$$



926.70 ✓

+60

916.7

30

19.7

+50

17.6

31

17.7 ✓

T.P

4.73 920.60 ✓ 10.83 915.87 ✓

+50

16.5

32

17.2

+50

17.5

33

14.8

+50

11.5

34

10.6

+70

11.5

35

10.0 ✓

T.P

0.20 911.03 ✓ 9.77 910.83 ✓

+50

07.2

LEFT      ~~E~~      RIGHT

$\frac{7.0}{40}$   $\frac{7.3}{29}$   $\frac{6.5}{22}$   $\frac{9.8}{18}$  10.0  $\frac{8.3}{14}$   $\frac{7.4}{30}$   $\frac{6.4}{40}$

$\frac{7.8}{40}$   $\frac{7.8}{30}$   $\frac{8.2}{14}$  7.0  $\frac{6.4}{18}$   $\frac{4.6}{40}$

$\frac{10.8}{40}$   $\frac{10.8}{30}$   $\frac{11.0}{23}$   $\frac{10.1}{4}$  9.1  $\frac{7.8}{18}$   $\frac{6.6}{40}$

$\frac{10.7}{40}$   $\frac{10.6}{29}$   $\frac{11.1}{19}$   $\frac{10.0}{4}$  9.0  $\frac{9.0}{19}$   $\frac{8.5}{40}$

$\frac{3.6}{40}$   $\frac{3.2}{29}$   $\frac{4.4}{10}$  4.1  $\frac{4.1}{20}$   $\frac{3.5}{40}$

$\frac{3.5}{40}$   $\frac{3.2}{29}$   $\frac{3.4}{10}$  3.4  $\frac{3.7}{19}$   $\frac{3.0}{40}$

$\frac{7.1}{40}$   $\frac{6.3}{29}$   $\frac{5.8}{12}$   $\frac{4.8}{4}$  3.1  $\frac{2.3}{16}$   $\frac{0.9}{40}$

$\frac{10.6}{40}$   $\frac{9.5}{21}$   $\frac{7.4}{5}$  5.8  $\frac{5.1}{2}$   $\frac{3.6}{18}$   $\frac{2.0}{40}$

$\frac{12.7}{40}$   $\frac{11.3}{20}$   $\frac{10.3}{6}$  9.1  $\frac{8.0}{5}$   $\frac{6.8}{17}$   $\frac{4.2}{40}$

$\frac{12.5}{40}$   $\frac{12.1}{28}$   $\frac{11.6}{18}$   $\frac{10.8}{3}$  10.0  $\frac{9.0}{6}$   $\frac{8.3}{16}$   $\frac{6.5}{40}$

$\frac{9.9}{40}$   $\frac{9.3}{17}$  9.0  $\frac{8.6}{13}$   $\frac{8.4}{29}$   $\frac{7.8}{40}$

$\frac{10.7}{40}$   $\frac{10.5}{24}$   $\frac{10.7}{14}$  10.6  $\frac{10.2}{10}$   $\frac{10.3}{27}$   $\frac{9.8}{40}$

$\frac{3.8}{40}$   $\frac{4.1}{34}$   $\frac{3.7}{12}$  3.8  $\frac{3.8}{10}$   $\frac{3.8}{29}$   $\frac{3.8}{40}$

911.03 ✓

36 905.9

+35 06.8

37 09.2

+35 08.9

38 05.6

+50 06.6

39 05.5

+50 04.1

40 900.3

+50 899.4

+75 899.8

41 902.0

+50 02.3

T.F. 631 909.34 ✓ 8.00 903.03 ✓

LEFT      ♀      RIGHT

$\frac{5.0}{40}$	$\frac{5.0}{26}$	$\frac{6.8}{18}$	$\frac{6.8}{10}$	$\frac{5.4}{7}$	5.1	$\frac{5.4}{16}$	$\frac{5.9}{40}$
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$\frac{4.0}{40}$	$\frac{4.3}{18}$	4.2	$\frac{4.8}{5}$	$\frac{5.6}{26}$	$\frac{6.0}{40}$
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$\frac{2.5}{40}$	$\frac{2.5}{25}$	$\frac{2.4}{8}$	1.8	$\frac{2.2}{16}$	$\frac{2.4}{40}$
------------------	------------------	-----------------	-----	------------------	------------------

$\frac{2.6}{40}$	$\frac{2.8}{24}$	$\frac{2.6}{8}$	2.1	$\frac{2.1}{11}$	$\frac{2.1}{40}$
------------------	------------------	-----------------	-----	------------------	------------------

$\frac{4.0}{40}$	$\frac{5.4}{10}$	5.4	$\frac{7.0}{16}$	$\frac{8.6}{40}$
------------------	------------------	-----	------------------	------------------

$\frac{0.0}{40}$	$\frac{3.8}{6}$	4.4	$\frac{5.4}{2}$	$\frac{8.2}{16}$	$\frac{9.4}{40}$
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$\frac{5.8}{40}$	$\frac{4.6}{26}$	$\frac{4.8}{5}$	5.5	$\frac{6.2}{4}$	$\frac{7.5}{17}$	$\frac{9.2}{40}$
------------------	------------------	-----------------	-----	-----------------	------------------	------------------

$\frac{11.1}{40}$	$\frac{9.4}{13}$	$\frac{7.7}{3}$	6.9	$\frac{7.1}{16}$	$\frac{8.1}{40}$
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$\frac{13.0}{40}$	$\frac{12.2}{27}$	$\frac{11.6}{15}$	10.7	$\frac{10.1}{9}$	$\frac{8.4}{24}$	$\frac{7.5}{40}$
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$\frac{13.3}{40}$	$\frac{13.0}{30}$	$\frac{12.1}{13}$	11.6	$\frac{11.2}{5}$	$\frac{10.1}{23}$	$\frac{8.2}{40}$
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$\frac{13.1}{40}$	$\frac{12.7}{21}$	11.2	$\frac{10.7}{11}$	$\frac{9.4}{30}$	$\frac{7.4}{40}$
-------------------	-------------------	------	-------------------	------------------	------------------

$\frac{13.0}{40}$	$\frac{12.1}{30}$	$\frac{12.0}{19}$	$\frac{8.5}{16}$	$\frac{8.5}{5}$	9.0	$\frac{8.8}{12}$	$\frac{10.4}{16}$	$\frac{10.4}{20}$	$\frac{8.8}{22}$	$\frac{4.1}{37}$	$\frac{3.1}{40}$
-------------------	-------------------	-------------------	------------------	-----------------	-----	------------------	-------------------	-------------------	------------------	------------------	------------------

$\frac{11.4}{40}$	$\frac{9.9}{17}$	$\frac{8.6}{17}$	8.7	$\frac{8.8}{14}$	$\frac{10.2}{17}$	$\frac{10.2}{20}$	$\frac{4.7}{25}$	$\frac{1.5}{40}$
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90934 ✓

42+00

902.3.

+50

B.M.

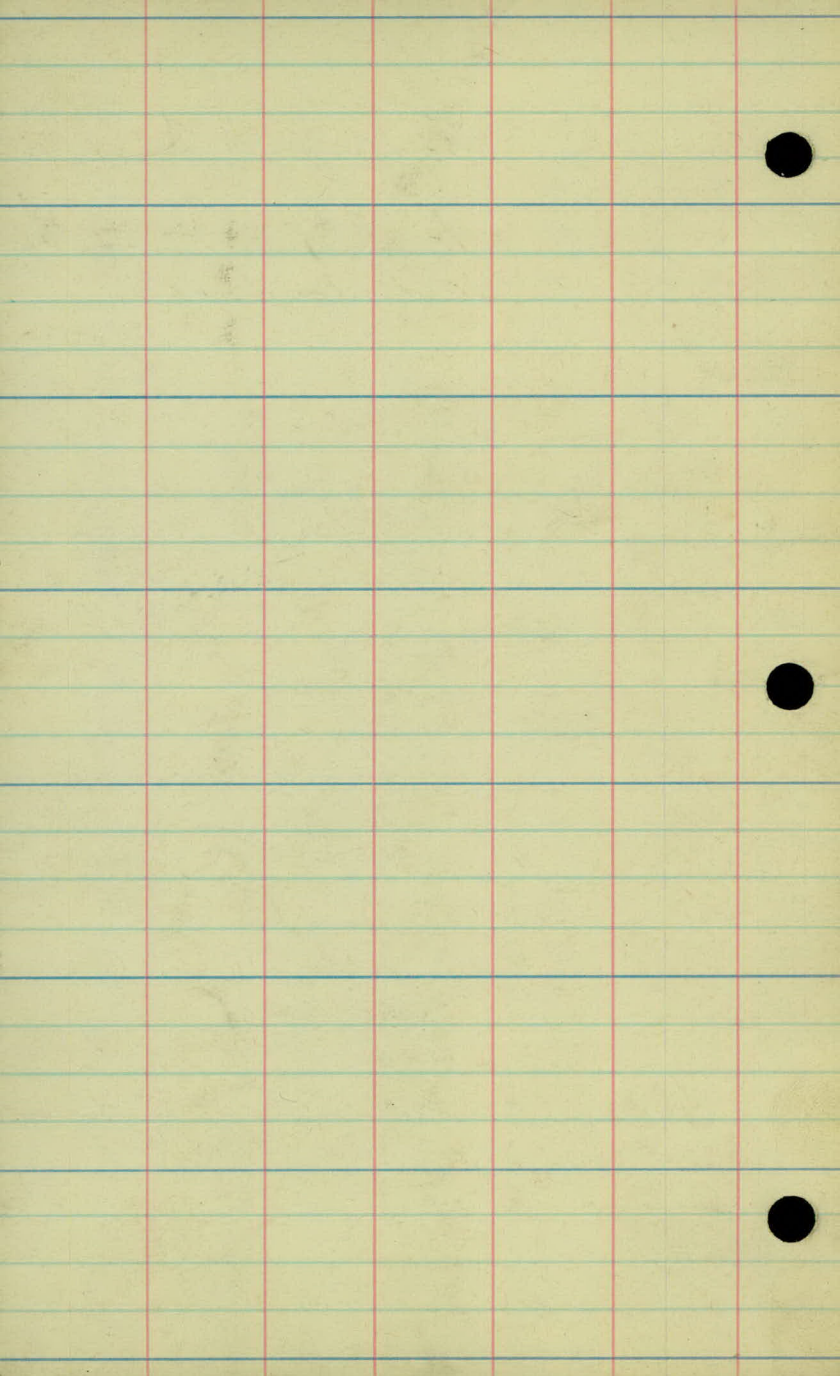
5.27 904.07

901.7.

$\frac{54}{40}$   $\frac{57}{23}$   $\frac{9.0}{20}$   $\frac{9.0}{17}$   $\frac{7.5}{15}$  7.0  $\frac{7.7}{16}$   $\frac{8.4}{17}$   $\frac{8.4}{20}$   $\frac{3.8}{24}$   $\frac{1.6}{40}$

$\frac{4.4}{40}$   $\frac{5.2}{24}$   $\frac{9.2}{21}$   $\frac{9.2}{18}$   $\frac{7.8}{15}$  7.6  $\frac{8.0}{14}$   $\frac{9.2}{17}$   $\frac{9.2}{20}$   $\frac{4.7}{24}$   $\frac{3.4}{40}$

Spt in P.P. 26' ht str. 42+60







Plans in hand 6/12/31  
31-M3

D.V.K.  
M.M.C.  
P.D.C.

- x 1466 RT, Reint Rep 12" x 24' for 24'
- (M.) x 2124 Pl. 18" x 34 C.M., E
- x 1100-2100 Cl. 4 tr. Gr. 1 tip
- x 3150 ~~Rep~~ 12" x 24
- x 5170 RT - No. culv req.
- x 5186 Lt. - " " "
- Reint x 9113 - Mort to check culv Lt.  
if not needed use as 24'-20'
- x 10174 RT No culv req
- (Rep) x 10174 Lt - Pl. 12" x 20' C.M.
- x 13107 RT - Reint & Rep
- x 15106 Check <sup>24" x 14'</sup> for ext.
- x 18100 RT - Pl. 12" C.M.
- x 22136 Pl. 24" C.M. x 36
- x 30100 - 31100 Cl & Gr. 3
- x 32100 RT. Pl. 12" x 20' C.M.
- x 33100 Lt Pl. 12" x 20' C.M.
- x 35199 E Reint. Pl. 18" C.M.
- x 35189 Lt No culv req
- x 38100 RT - check for culv
- x 40120 E Pl. 24" C.M.
- x Ditch RT at 40100

12" x 36'