

Book-44 Dr. 6

OFFICE OF COUNTY ENGINEER  
RAMSEY CO. MINN.

Preliminary.....Survey

**LINWOOD AVE.**

Point Douglas Rd.

From S.T.H. N<sup>o</sup> 3 To East Ave.

Road Acc't. No. 76

Date Filed 9-19-30

File.....

9-19-30

LINWOOD AVE.  
ALIGNMENT FROM THE  
POINT DOUGLAS RD. TO EAST AVE.

|                 |         |
|-----------------|---------|
| Office          |         |
| ST. PAUL, MINN. |         |
| Date Filed      | 9/19/30 |
| File No.        |         |

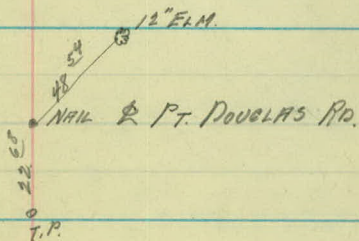
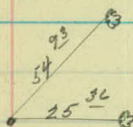
STA. POINT  $\Delta$  LT.  $\Delta$  RT.

6+56<sup>7</sup> P.I. 22°-11'

5+09<sup>5</sup> P.I. 10°-42 $\frac{1}{2}$ '

2+65<sup>55</sup> P.I. 36°-53'

0+00





STP. POINT  $\Delta$  LT.  $\Delta$  RT

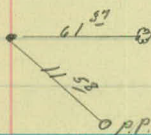
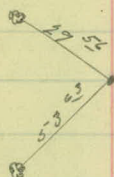
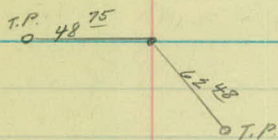
16+94<sup>±</sup> P.O.T

15+79<sup>±</sup> P.I. 19°-59½'

14+44<sup>85</sup> P.O.T

11+73<sup>±</sup> P.I.

22°-01'



STA. POINT  $\Delta$  LT  $\Delta$  RT

31 + 42<sup>2</sup> MONT.

29 + 78<sup>65</sup> P.O.T.

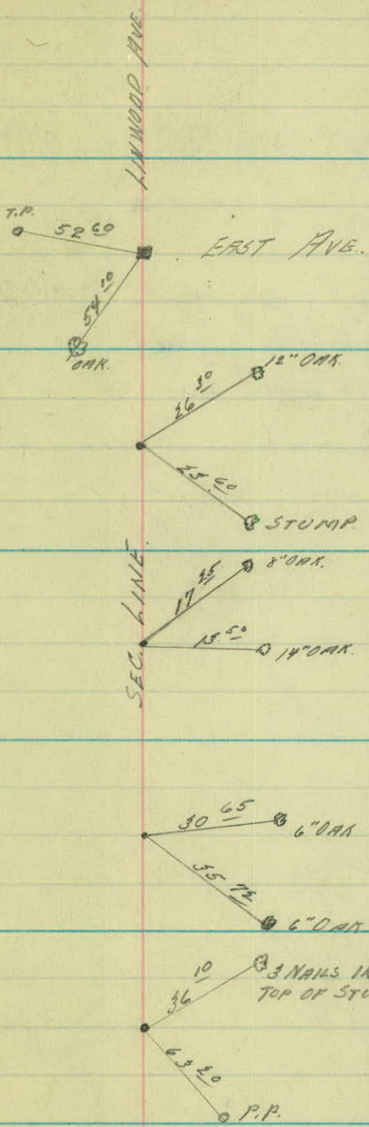
27 + 13<sup>4</sup> P.O.T.

25 + 30<sup>55</sup> P.O.T.

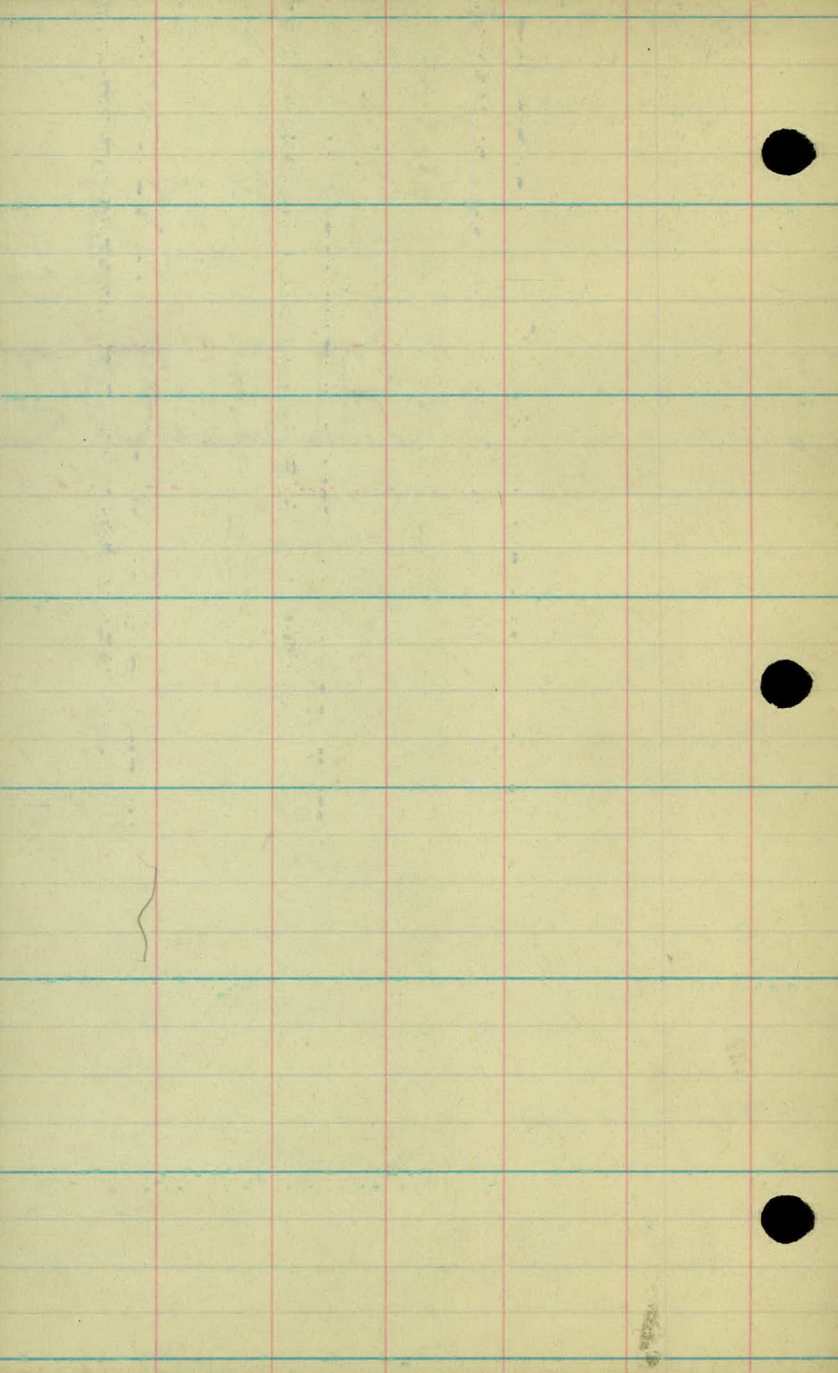
24 + 06<sup>E</sup> P.I.

46°-36'

3-7-30







LINWOOD AVE.

X SECTIONS FROM THE  
POINT DOUGLAS ROAD TO EAST AVE.

+

-

B.M. 8.42 757.86 951.44  
 9.61 763.94 5.53 954.33

B.M. 13.12 950.82

0.64 951.86 12.72 951.22

0.33 938.84 13.35 938.51

0.51 928.50 10.85 927.99

0.26 916.54 12.22 916.28

B.M. 7.85 908.67 ✓

0.87 903.68 13.73 902.81

0.77 891.65 13.00 890.68

0.88 880.07 12.46 879.19

B.M. 1.75 875.08 6.74 873.33

0.52 863.95 11.65 863.43

0.63 851.07 13.49 850.46

0.06 838.57 12.58 838.51

B.M. 7.82 830.75 ✓

0.53 825.56 13.54 825.03

0.57 813.81 12.32 813.24

B.M. 7.44 806.37

0.64 802.16 12.29 801.52

0.05 790.40 11.81 790.35

0.41 778.27 12.54 777.86

B.M. 3.88 774.39

1.55 766.53 13.29 764.98

1.59 755.36 12.76 753.77

0.33 742.13 13.56 741.80

5.44 736.23 11.37 730.79

SPK IN 12" OAK 30' NW OF MONT.

SPK IN 14" OAK 100' LT STA 27+30

SPK IN 10" POPLAR 50' RT. STA 23+30

SPK IN 14" OAK 60' RT. STA 14+80.

SPK IN P.P. RT STA 11+70 ✓

SPK IN 18" OAK 40' LT STA 9+25

SPK IN 18" OAK 40' LT STA 4+40



736.23

B.M. 9.65 736.12

9.76 726.47

0+00 ON PAVE.

0+04<sup>3</sup> EDGE OF PAVE.

0+25 ON WALK.

0+34

0+60

1+00

11.61 745.63 2.10 734.02

1+00

1+50

11.61 755.80 1.44 744.19

2+00

2+50

2+65<sup>55</sup>

12.42 767.46 0.76 755.04

2+50

SPK IN P.P. 0-25 ON 4

1128 1004 1061 1032  
50 25 1079 19 50

8.3 8.1 7.8 7.8  
50 30 7.9 28 50

TOP OF MAIN HOLE.

4.8 5.0 5.2 6.6 7.3 6.8 6.9 4.8 4.5  
50 25 12 4 6.8 12 22 26 28 50

2.3 2.3 2.5 5.2 5.2 5.2 6.1 4.9 2.0 2.5  
50 30 8 6.3 4 11 17 20 23 27 50

2.2 1.7 1.3 1.3 2.1  
8 5 12 11 15 18

8.5 7.9 8.4 8.7 8.8  
50 25 12 28 50

2.2 2.1 3.4 3.2 5.3 5.4 5.5 5.5 6.1 6.1 3.6 4.2 4.7  
50 42 33 13 11 9 5.6 8 15 19 21 25 40 50

2.0 1.2 3.5 5.5 6.6 1.0 10.3 10.4 4.10 3.4  
50 45 35 24 17 12 10.3 4 3.5 3.3 50

0.6 4.8 4.6 5.1 4.9 1.3  
2.3 2.0 4.8 8 10 18 21

2.6 2.5 2.4 2.5 4.0 4.0  
2.6 1.2 5 2.3 5 12 17

6.3 10.3 12.0 11.5 7.7 5.9  
50 36 23 25 37 50

767.46

2+65<sup>55</sup>

3+00

3+50

10.74 777.96 0.24 767.22

3+50

4+00

B.M. 8.38 782.73 3.64 774.32 774.35

4+40

4+80

5+00

5+09<sup>5</sup>

5+40

5+75

6+00

12.86 795.17 0.42 782.31

5+00

3.3 5.3 8.3  
50 45 30

8.8 6.6 2.4 11.0  
53 31 45 50

+9.0 +3.3 +1.0 2.8 13.2 10.2 9.7 9.6 10.0 9.6 6.9 4.5 1.0  
50 36 27 20 11 3 10.3 10 17 21 29 32 41 50

6.3 5.7 2.9 3.8 3.3 2.3 1.3  
5 2 4.7 14 22 31 33 50

+25.5 +12.0 +4.5 10.2 0.2 2.5 4.0 10.5  
66 44 36 31 30 27 24 9

0.4 2.3 9.4 11.0 10.1 10.6 11.0 10.2 9.4 9.1 6.1 +2.6  
50 34 19 14 9 10.6 4 8 17 18 33 43 50

SPK IN 18" OAK 40" LT. BTM. 4+40

8.7 12.8 11.2 11.9 12.7 12.0 12.3 12.8 9.5 6.7 0.2 16.2 +16.6  
50 45 39 26 22 15 6 12.4 8 10 15 31 46 70

6.3 6.5 7.4 10.1 9.3 9.2 9.0 10.0 8.2 6.4 2.0 +13.0 +25.7  
50 47 34 25 19 9 8.9 4 10 14 18 23 48 74

3.1 4.6 7.3 8.8 8.1 8.1 9.0 7.8 3.8 2.0  
50 39 24 19 15 8.0 8 13 17 19 26

2.7 5.1 7.3 8.7 7.6 7.6 8.6 7.0 4.8 1.0  
35 24 17 12 8 7.6 12 15 19 21 28

0.7 1.2 7.1 5.8 5.6 5.6 7.4 7.5 2.8 0.3  
23 17 10 5 5.6 6 13 16 23 24 36

4.2 1.4 3.5 3.7 5.8 5.8 4.3 4.0 4.3 5.5 2.7 0.0  
25 18 13 9 6 4 2 4.0 9 17 24 47 33

0.7 1.7 3.1 4.8 3.4 2.5 2.4 2.8 4.4 0.7  
19 9 7 4 2 2.1 4 10 20 24 28

6.4 0.0 +10.4  
38 5.1 7.6



795.17

5+09<sup>5</sup>

5+40

5+75

6+00

6+56<sup>7</sup>

7+00

7+50

8+00

13.11 807.13 1.15 794.02

B.M. 107 807.42 0.83 806.30 806.35

7+50

8+00

8+50

9+00

$$\begin{array}{r} 11.5 \\ 50 \end{array} \quad \begin{array}{r} 12.2 \\ 42 \end{array}$$

$$\begin{array}{r} 6.3 \\ 44 \end{array} \quad \begin{array}{r} 0.9 \\ 58 \end{array} \quad \begin{array}{r} 78.5 \\ 83 \end{array}$$

$$\begin{array}{r} + 2.0 \\ 60 \end{array} \quad \begin{array}{r} 1.7 \\ 50 \end{array} \quad \begin{array}{r} 2.5 \\ 36 \end{array} \quad \begin{array}{r} 12.2 \\ 25 \end{array}$$

$$\begin{array}{r} 98 \\ 50 \end{array}$$

$$\begin{array}{r} 78.2 \\ 61 \end{array} \quad \begin{array}{r} 2.6 \\ 42 \end{array} \quad \begin{array}{r} 7.6 \\ 35 \end{array}$$

$$\begin{array}{r} 3.6 \\ 50 \end{array} \quad \begin{array}{r} 0.0 \\ 57 \end{array}$$

$$\begin{array}{r} 76.7 \\ 60 \end{array} \quad \begin{array}{r} 4.3 \\ 39 \end{array} \quad \begin{array}{r} 12.7 \\ 25 \end{array}$$

$$\begin{array}{r} 8.5 \\ 36 \end{array} \quad \begin{array}{r} 1.8 \\ 50 \end{array}$$

$$\begin{array}{r} +11.0 \\ 68 \end{array} \quad \begin{array}{r} 1.3 \\ 44 \end{array} \quad \begin{array}{r} 5.5 \\ 53 \end{array} \quad \begin{array}{r} 10.5 \\ 19 \end{array} \quad \begin{array}{r} 14.1 \\ 13 \end{array} \quad \begin{array}{r} 14.1 \\ 11 \end{array} \quad \begin{array}{r} 7.5 \\ 6 \end{array}$$

$$\begin{array}{r} 10.9 \\ 11.2 \end{array} \quad \begin{array}{r} 10.9 \\ 6 \end{array} \quad \begin{array}{r} 11.9 \\ 21 \end{array} \quad \begin{array}{r} 11.9 \\ 23 \end{array} \quad \begin{array}{r} 5.5 \\ 28 \end{array} \quad \begin{array}{r} 0.3 \\ 36 \end{array} \quad \begin{array}{r} 0.3 \\ 50 \end{array}$$

$$\begin{array}{r} 412.6 \\ 63 \end{array} \quad \begin{array}{r} 72 \\ 57 \end{array} \quad \begin{array}{r} 75.6 \\ 50 \end{array} \quad \begin{array}{r} 0.0 \\ 82 \end{array} \quad \begin{array}{r} 1.1 \\ 29 \end{array} \quad \begin{array}{r} 5.6 \\ 16 \end{array} \quad \begin{array}{r} 9.7 \\ 14 \end{array} \quad \begin{array}{r} 11.5 \\ 10 \end{array} \quad \begin{array}{r} 11.0 \\ 8 \end{array} \quad \begin{array}{r} 8.8 \\ 4 \end{array}$$

$$\begin{array}{r} 8.2 \\ 11 \end{array} \quad \begin{array}{r} 8.6 \\ 26 \end{array} \quad \begin{array}{r} 10.2 \\ 30 \end{array} \quad \begin{array}{r} 2.5 \\ 35 \end{array} \quad \begin{array}{r} 4.5 \\ 40 \end{array} \quad \begin{array}{r} 0.0 \\ 46 \end{array} \quad \begin{array}{r} +13.0 \\ 68 \end{array}$$

$$\begin{array}{r} 1.4 \\ 17 \end{array} \quad \begin{array}{r} 7.0 \\ 13 \end{array} \quad \begin{array}{r} 7.9 \\ 4 \end{array} \quad \begin{array}{r} 5.3 \\ 5.6 \end{array} \quad \begin{array}{r} 5.3 \\ 12 \end{array} \quad \begin{array}{r} 6.1 \\ 23 \end{array} \quad \begin{array}{r} 6.9 \\ 27 \end{array} \quad \begin{array}{r} 0.9 \\ 33 \end{array} \quad \begin{array}{r} 0.9 \\ 44 \end{array}$$

$$\begin{array}{r} 1.7 \\ 24 \end{array} \quad \begin{array}{r} 5.3 \\ 22 \end{array} \quad \begin{array}{r} 6.1 \\ 12 \end{array} \quad \begin{array}{r} 2.2 \\ 6 \end{array} \quad \begin{array}{r} 1.7 \\ 18 \end{array} \quad \begin{array}{r} 1.7 \\ 7 \end{array} \quad \begin{array}{r} 2.2 \\ 19 \end{array} \quad \begin{array}{r} 2.2 \\ 24 \end{array}$$

SPK IN 18" OAK 40' L.T. 37A 9+25

$$\begin{array}{r} +20.1 \\ 73 \end{array} \quad \begin{array}{r} 11.2 \\ 58 \end{array} \quad \begin{array}{r} 0.9 \\ 36 \end{array} \quad \begin{array}{r} 4.0 \\ 30 \end{array} \quad \begin{array}{r} 10.9 \\ 20 \end{array}$$

$$\begin{array}{r} 9.7 \\ 50 \end{array} \quad \begin{array}{r} 2.1 \\ 70 \end{array}$$

$$\begin{array}{r} 46.3 \\ 67 \end{array} \quad \begin{array}{r} 1.9 \\ 50 \end{array} \quad \begin{array}{r} 3.7 \\ 46 \end{array} \quad \begin{array}{r} 7.8 \\ 29 \end{array}$$

$$\begin{array}{r} 6.9 \\ 36 \end{array} \quad \begin{array}{r} 5.1 \\ 46 \end{array} \quad \begin{array}{r} 1.6 \\ 50 \end{array}$$

$$\begin{array}{r} 3.6 \\ 50 \end{array} \quad \begin{array}{r} 9.0 \\ 39 \end{array} \quad \begin{array}{r} 11.3 \\ 27 \end{array} \quad \begin{array}{r} 15.0 \\ 24 \end{array} \quad \begin{array}{r} 15.2 \\ 18 \end{array} \quad \begin{array}{r} 10.8 \\ 12 \end{array} \quad \begin{array}{r} 10.7 \\ 10.7 \end{array} \quad \begin{array}{r} 10.8 \\ 14 \end{array} \quad \begin{array}{r} 11.3 \\ 17 \end{array} \quad \begin{array}{r} 4.3 \\ 26 \end{array} \quad \begin{array}{r} 0.5 \\ 46 \end{array} \quad \begin{array}{r} 78.1 \\ 63 \end{array}$$

$$\begin{array}{r} 1.1 \\ 50 \end{array} \quad \begin{array}{r} 6.6 \\ 37 \end{array} \quad \begin{array}{r} 7.6 \\ 26 \end{array} \quad \begin{array}{r} 7.4 \\ 23 \end{array} \quad \begin{array}{r} 7.4 \\ 21 \end{array} \quad \begin{array}{r} 7.7 \\ 18 \end{array} \quad \begin{array}{r} 6.7 \\ 6.7 \end{array} \quad \begin{array}{r} 6.8 \\ 8 \end{array} \quad \begin{array}{r} 7.7 \\ 10 \end{array} \quad \begin{array}{r} 7.3 \\ 15 \end{array} \quad \begin{array}{r} 4.4 \\ 18 \end{array} \quad \begin{array}{r} 1.8 \\ 28 \end{array}$$

807.42

9+50

12.70 819.84 0.28 807.14

9+00

9+50

10+00

10+50

11.67 831.29 0.22 819.62

10+50

11+00

11+50

B.M. 13.62 844.34 0.58 830.71 830.72

11+00

11+50

11+73<sup>2</sup>

12+00

12.86 852.16 4.24 840.10

15 24 40 31 24      26 33 30 14  
31 27 22 18 5 2.5 5 7 10 14

42 28  
67 57

10.6 48 1.3  
51 50 64

7.52 24 5.6  
65 50 44

10.5 10.0  
37 50

+10.4 0.7 9.3 11.4 11.4 10.1      10.1 10.6 9.3 6.0 +1.5 +6.5 +7.5  
60 39 26 24 18 11 10.2 10 14 16 24 36 56 70

0.2 3.1 3.7 60 63 54      4.5 4.6 5.3 5.3 3.2 14 +50 +90 +104  
29 25 20 18 14 9 4.5 5 13 17 23 24 28 36 50 55

+11.3 00 70  
65 48 38

+21.4 +13.4 +27 00 29 9.5 11.9 11.2      9.4 9.2 10.4 10.0 0.6  
72 57 51 31 27 15 10 4 10.2 17 22 26 33 44

6.1 4.2 2.5 1.7 3.0 0.7  
3.3 5 9 26 37 44 50

SPK IN PP. RT. STA. 11 + 70

10.6 3.1  
50 65

+53.7 +53.7 +49.7 +36.7 +25.9 +10.0 0.3 4.1 12.1  
136 121 110 83 64 40 24 18 5

12.0 4.3  
60 72

4.3 81  
67 55

+53.6 +52.2 +53.6 +50.3 +37.0 +24.6 +13.6 0.0      16.7 16.7 13.9 12.9 12.6 13.4 12.4  
73 88 21 77 52 41 27 11 9.7 6 9 11 27 41 47 50

+50.8 +59.3 +32.8 +26.8 +12.4 0.0 7.2 8.2      10.3 20 7.2 8.6 9.5 24 0.9  
95 74 67 59 58 19 11 5 110 3 13 25 34 39 44 50  
+51.5 +54.8 +53.8  
108 119 130



852.14

12+50

13+00

12.77 864.44 0.49 851.67

13+00

13+50

13+75

14+00

14+20

12.89 876.78 0.55 863.89

14+00

13.M, 3.52 876.84 3.52 873.26 873.32

14+20

14+45

15+00

15+50

11.11 884.27 3.68 873.16

$\begin{array}{r} +34.7 \\ 83 \end{array}$ 
 $\begin{array}{r} +26.0 \\ 71 \end{array}$ 
 $\begin{array}{r} +10.3 \\ 48 \end{array}$ 
 $\begin{array}{r} 0.3 \\ 56 \end{array}$ 
 $\begin{array}{r} 9.4 \\ 53 \end{array}$ 
 $\begin{array}{r} 9.6 \\ 20 \end{array}$ 
 $\begin{array}{r} 11.4 \\ 8 \end{array}$ 
 $\begin{array}{r} 11.8 \\ 3 \end{array}$ 
 $\begin{array}{r} 10.1 \\ 11.0 \end{array}$ 
 $\begin{array}{r} 10.2 \\ 8 \end{array}$ 
 $\begin{array}{r} 10.1 \\ 17 \end{array}$ 
 $\begin{array}{r} 12.5 \\ 25 \end{array}$ 
 $\begin{array}{r} 12.8 \\ 33 \end{array}$ 
 $\begin{array}{r} 6.5 \\ 41 \end{array}$ 
 $\begin{array}{r} 4.3 \\ 50 \end{array}$

$\begin{array}{r} +34.7 \\ 92 \end{array}$ 
 $\begin{array}{r} +37.7 \\ 76 \end{array}$ 
 $\begin{array}{r} +37.7 \\ 106 \end{array}$ 
 $\begin{array}{r} +42.1 \\ 125 \end{array}$

$\begin{array}{r} 0.2 \\ 25 \end{array}$ 
 $\begin{array}{r} 3.3 \\ 19 \end{array}$ 
 $\begin{array}{r} 4.1 \\ 10 \end{array}$ 
 $\begin{array}{r} 6.9 \\ 4 \end{array}$ 
 $\begin{array}{r} 5.0 \\ 4.5 \end{array}$ 
 $\begin{array}{r} 4.8 \\ 4 \end{array}$ 
 $\begin{array}{r} 4.6 \\ 10 \end{array}$ 
 $\begin{array}{r} 4.8 \\ 18 \end{array}$ 
 $\begin{array}{r} 5.2 \\ 23 \end{array}$ 
 $\begin{array}{r} 1.3 \\ 38 \end{array}$ 
 $\begin{array}{r} 0.9 \\ 50 \end{array}$

$\begin{array}{r} +23.9 \\ 105 \end{array}$ 
 $\begin{array}{r} +16.6 \\ 83 \end{array}$ 
 $\begin{array}{r} +14.1 \\ 81 \end{array}$ 
 $\begin{array}{r} +14.1 \\ 74 \end{array}$ 
 $\begin{array}{r} +11.6 \\ 69 \end{array}$ 
 $\begin{array}{r} +5.6 \\ 52 \end{array}$ 
 $\begin{array}{r} 5.4 \\ 40 \end{array}$

$\begin{array}{r} +10.7 \\ 75 \end{array}$ 
 $\begin{array}{r} +10.5 \\ 69 \end{array}$ 
 $\begin{array}{r} +7.5 \\ 60 \end{array}$ 
 $\begin{array}{r} 0.5 \\ 50 \end{array}$ 
 $\begin{array}{r} 4.9 \\ 44 \end{array}$ 
 $\begin{array}{r} 10.5 \\ 30 \end{array}$ 
 $\begin{array}{r} 11.0 \\ 17 \end{array}$ 
 $\begin{array}{r} 13.3 \\ 10 \end{array}$ 
 $\begin{array}{r} 11.5 \\ 5 \end{array}$ 
 $\begin{array}{r} 11.5 \\ 11.3 \end{array}$ 
 $\begin{array}{r} 11.9 \\ 10 \end{array}$ 
 $\begin{array}{r} 11.6 \\ 16 \end{array}$ 
 $\begin{array}{r} 7.4 \\ 22 \end{array}$ 
 $\begin{array}{r} 3.2 \\ 34 \end{array}$ 
 $\begin{array}{r} 1.4 \\ 31 \end{array}$ 
 $\begin{array}{r} 1.4 \\ 55 \end{array}$ 
 $\begin{array}{r} 2.1 \\ 50 \end{array}$ 
 $\begin{array}{r} 6.7 \\ 67 \end{array}$

$\begin{array}{r} +11.0 \\ 75 \end{array}$ 
 $\begin{array}{r} +10.0 \\ 66 \end{array}$ 
 $\begin{array}{r} 0.0 \\ 52 \end{array}$ 
 $\begin{array}{r} 2.8 \\ 48 \end{array}$ 
 $\begin{array}{r} 6.5 \\ 38 \end{array}$ 
 $\begin{array}{r} 7.5 \\ 12 \end{array}$ 
 $\begin{array}{r} 7.4 \\ 7 \end{array}$ 
 $\begin{array}{r} 7.8 \\ 2 \end{array}$ 
 $\begin{array}{r} 8.3 \\ 7.9 \end{array}$ 
 $\begin{array}{r} 8.5 \\ 10 \end{array}$ 
 $\begin{array}{r} 9.1 \\ 17 \end{array}$ 
 $\begin{array}{r} +2.0 \\ 22 \end{array}$ 
 $\begin{array}{r} +3.4 \\ 33 \end{array}$ 
 $\begin{array}{r} +6.4 \\ 38 \end{array}$ 
 $\begin{array}{r} +7.8 \\ 45 \end{array}$ 
 $\begin{array}{r} 6.7 \\ 67 \end{array}$

$\begin{array}{r} 4.3 \\ 25 \end{array}$ 
 $\begin{array}{r} 4.3 \\ 6 \end{array}$ 
 $\begin{array}{r} 5.8 \\ 4 \end{array}$ 
 $\begin{array}{r} 5.5 \\ 6.3 \end{array}$ 
 $\begin{array}{r} 5.7 \\ 4 \end{array}$ 
 $\begin{array}{r} 5.9 \\ 12 \end{array}$ 
 $\begin{array}{r} 6.7 \\ 23 \end{array}$

$\begin{array}{r} 1.2 \\ 4 \end{array}$ 
 $\begin{array}{r} 3.9 \\ 3.0 \end{array}$ 
 $\begin{array}{r} 3.7 \\ 4 \end{array}$ 
 $\begin{array}{r} 3.6 \\ 7 \end{array}$ 
 $\begin{array}{r} 3.3 \\ 13 \end{array}$ 
 $\begin{array}{r} 3.3 \\ 21 \end{array}$ 
 $\begin{array}{r} 3.3 \\ 25 \end{array}$

$\begin{array}{r} 2.4 \\ 72 \end{array}$ 
 $\begin{array}{r} 5.6 \\ 42 \end{array}$ 
 $\begin{array}{r} 10.1 \\ 32 \end{array}$ 
 $\begin{array}{r} 7.5 \\ 50 \end{array}$ 
 $\begin{array}{r} 5.3 \\ 56 \end{array}$ 
 $\begin{array}{r} 4.7 \\ 60 \end{array}$

SPK IN 14" OAK 60' RT. ST. 14+80

$\begin{array}{r} 3.1 \\ 63 \end{array}$ 
 $\begin{array}{r} 4.3 \\ 42 \end{array}$ 
 $\begin{array}{r} 5.8 \\ 28 \end{array}$ 
 $\begin{array}{r} 7.7 \\ 13 \end{array}$ 
 $\begin{array}{r} 10.8 \\ 31 \end{array}$ 
 $\begin{array}{r} 7.7 \\ 47 \end{array}$ 
 $\begin{array}{r} 7.8 \\ 50 \end{array}$ 
 $\begin{array}{r} 6.8 \\ 52 \end{array}$ 
 $\begin{array}{r} 4.1 \\ 60 \end{array}$

$\begin{array}{r} 3.0 \\ 60 \end{array}$ 
 $\begin{array}{r} 3.5 \\ 50 \end{array}$ 
 $\begin{array}{r} 3.9 \\ 35 \end{array}$ 
 $\begin{array}{r} 5.9 \\ 4 \end{array}$ 
 $\begin{array}{r} 7.1 \\ 7.1 \end{array}$ 
 $\begin{array}{r} 13.7 \\ 5 \end{array}$ 
 $\begin{array}{r} 13.1 \\ 15 \end{array}$ 
 $\begin{array}{r} 13.0 \\ 24 \end{array}$ 
 $\begin{array}{r} 13.4 \\ 31 \end{array}$ 
 $\begin{array}{r} 11.9 \\ 37 \end{array}$ 
 $\begin{array}{r} 8.9 \\ 41 \end{array}$ 
 $\begin{array}{r} 5.5 \\ 52 \end{array}$

$\begin{array}{r} 1.7 \\ 50 \end{array}$ 
 $\begin{array}{r} 2.9 \\ 23 \end{array}$ 
 $\begin{array}{r} 4.4 \\ 12 \end{array}$ 
 $\begin{array}{r} 8.6 \\ 5 \end{array}$ 
 $\begin{array}{r} 8.8 \\ 8.8 \end{array}$ 
 $\begin{array}{r} 9.1 \\ 14 \end{array}$ 
 $\begin{array}{r} 9.2 \\ 21 \end{array}$ 
 $\begin{array}{r} 9.1 \\ 28 \end{array}$ 
 $\begin{array}{r} 5.1 \\ 30 \end{array}$ 
 $\begin{array}{r} 3.4 \\ 50 \end{array}$

$\begin{array}{r} 0.3 \\ 50 \end{array}$ 
 $\begin{array}{r} 0.5 \\ 44 \end{array}$ 
 $\begin{array}{r} 1.5 \\ 31 \end{array}$ 
 $\begin{array}{r} 5.3 \\ 14 \end{array}$ 
 $\begin{array}{r} 5.3 \\ 7 \end{array}$ 
 $\begin{array}{r} 5.6 \\ 5.6 \end{array}$ 
 $\begin{array}{r} 5.8 \\ 7 \end{array}$ 
 $\begin{array}{r} 5.8 \\ 19 \end{array}$ 
 $\begin{array}{r} 4.4 \\ 22 \end{array}$ 
 $\begin{array}{r} 0.9 \\ 40 \end{array}$ 
 $\begin{array}{r} +0.5 \\ 50 \end{array}$

884.27

15+79

16+00

16+50

17+00

13.24 895.02 2.49 881.78

17+50

18+00

18+50

19+00

19+50

12.13 901.67 5.48 889.54

20+00

20+50

21+00

21+50

9.79 910.80 0.84 900.81

|                  |                  |                   |                  |                    |                   |                   |                  |                  |                  |                  |
|------------------|------------------|-------------------|------------------|--------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|
| $\frac{7.4}{50}$ | $\frac{8.0}{26}$ | $\frac{11.6}{21}$ | $\frac{11.0}{8}$ | $\frac{11.2}{111}$ | $\frac{12.1}{11}$ | $\frac{10.4}{15}$ | $\frac{7.5}{20}$ | $\frac{4.4}{30}$ | $\frac{3.2}{44}$ | $\frac{3.2}{50}$ |
|------------------|------------------|-------------------|------------------|--------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|

|                  |                  |                  |                  |                    |                   |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|--------------------|-------------------|------------------|------------------|------------------|------------------|
| $\frac{6.5}{50}$ | $\frac{7.0}{40}$ | $\frac{7.2}{22}$ | $\frac{7.7}{17}$ | $\frac{10.3}{100}$ | $\frac{11.3}{10}$ | $\frac{7.3}{17}$ | $\frac{5.3}{25}$ | $\frac{3.0}{40}$ | $\frac{3.0}{50}$ |
|------------------|------------------|------------------|------------------|--------------------|-------------------|------------------|------------------|------------------|------------------|

|                  |                  |                  |                  |                   |                 |                  |                  |                  |
|------------------|------------------|------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|
| $\frac{4.8}{50}$ | $\frac{4.8}{40}$ | $\frac{5.9}{19}$ | $\frac{7.5}{16}$ | $\frac{7.5}{7.5}$ | $\frac{7.7}{7}$ | $\frac{6.1}{22}$ | $\frac{5.6}{38}$ | $\frac{5.6}{50}$ |
|------------------|------------------|------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|

|                  |                  |                  |                  |                 |                   |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|-----------------|-------------------|------------------|------------------|------------------|------------------|
| $\frac{6.1}{50}$ | $\frac{3.0}{32}$ | $\frac{4.1}{14}$ | $\frac{5.7}{13}$ | $\frac{5.5}{7}$ | $\frac{5.3}{5.3}$ | $\frac{5.1}{10}$ | $\frac{5.6}{19}$ | $\frac{5.0}{30}$ | $\frac{4.2}{50}$ |
|------------------|------------------|------------------|------------------|-----------------|-------------------|------------------|------------------|------------------|------------------|

|                  |                  |                   |                   |                   |                     |                  |                   |                   |                   |
|------------------|------------------|-------------------|-------------------|-------------------|---------------------|------------------|-------------------|-------------------|-------------------|
| $\frac{6.0}{50}$ | $\frac{7.0}{41}$ | $\frac{10.5}{57}$ | $\frac{12.1}{15}$ | $\frac{14.3}{10}$ | $\frac{14.1}{14.4}$ | $\frac{13.5}{9}$ | $\frac{13.8}{10}$ | $\frac{14.1}{34}$ | $\frac{14.1}{50}$ |
|------------------|------------------|-------------------|-------------------|-------------------|---------------------|------------------|-------------------|-------------------|-------------------|

|                  |                  |                  |                  |                   |                     |                  |                  |                   |                   |
|------------------|------------------|------------------|------------------|-------------------|---------------------|------------------|------------------|-------------------|-------------------|
| $\frac{4.0}{50}$ | $\frac{4.7}{45}$ | $\frac{7.9}{36}$ | $\frac{7.6}{15}$ | $\frac{12.6}{10}$ | $\frac{12.5}{12.9}$ | $\frac{11.9}{5}$ | $\frac{12.3}{8}$ | $\frac{11.5}{19}$ | $\frac{11.5}{60}$ |
|------------------|------------------|------------------|------------------|-------------------|---------------------|------------------|------------------|-------------------|-------------------|

|                  |                  |                  |                   |                     |                  |                  |                  |                  |
|------------------|------------------|------------------|-------------------|---------------------|------------------|------------------|------------------|------------------|
| $\frac{3.4}{50}$ | $\frac{6.5}{31}$ | $\frac{7.6}{15}$ | $\frac{10.9}{10}$ | $\frac{10.9}{11.3}$ | $\frac{10.3}{5}$ | $\frac{10.5}{8}$ | $\frac{7.8}{22}$ | $\frac{7.8}{50}$ |
|------------------|------------------|------------------|-------------------|---------------------|------------------|------------------|------------------|------------------|

|                  |                  |                  |                 |                 |                   |                 |                 |                  |                  |
|------------------|------------------|------------------|-----------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|
| $\frac{1.2}{50}$ | $\frac{3.2}{37}$ | $\frac{5.5}{14}$ | $\frac{8.9}{9}$ | $\frac{7.7}{7}$ | $\frac{7.7}{7.7}$ | $\frac{7.4}{7}$ | $\frac{8.1}{9}$ | $\frac{8.7}{20}$ | $\frac{7.8}{50}$ |
|------------------|------------------|------------------|-----------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|

|                  |                  |                  |                 |                   |                 |                 |                  |                  |                  |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|------------------|
| $\frac{0.4}{50}$ | $\frac{2.2}{41}$ | $\frac{3.9}{14}$ | $\frac{7.8}{7}$ | $\frac{8.3}{8.3}$ | $\frac{7.9}{5}$ | $\frac{6.4}{8}$ | $\frac{7.0}{18}$ | $\frac{6.5}{40}$ | $\frac{6.0}{50}$ |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|------------------|

|                  |                  |                  |                  |                     |                  |                  |                   |                   |
|------------------|------------------|------------------|------------------|---------------------|------------------|------------------|-------------------|-------------------|
| $\frac{7.0}{50}$ | $\frac{8.5}{30}$ | $\frac{2.1}{13}$ | $\frac{11.9}{8}$ | $\frac{12.4}{12.4}$ | $\frac{12.3}{6}$ | $\frac{10.7}{8}$ | $\frac{11.3}{20}$ | $\frac{11.4}{50}$ |
|------------------|------------------|------------------|------------------|---------------------|------------------|------------------|-------------------|-------------------|

|                  |                  |                  |                  |                     |                  |                 |                  |                  |                  |
|------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|------------------|------------------|------------------|
| $\frac{5.6}{50}$ | $\frac{6.8}{29}$ | $\frac{7.5}{15}$ | $\frac{10.0}{9}$ | $\frac{10.3}{10.3}$ | $\frac{10.3}{6}$ | $\frac{8.8}{8}$ | $\frac{9.0}{18}$ | $\frac{9.6}{55}$ | $\frac{9.8}{50}$ |
|------------------|------------------|------------------|------------------|---------------------|------------------|-----------------|------------------|------------------|------------------|

|                  |                  |                  |                 |                   |                 |                 |                  |                  |                  |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|------------------|
| $\frac{4.3}{50}$ | $\frac{4.8}{24}$ | $\frac{5.7}{73}$ | $\frac{8.0}{7}$ | $\frac{8.0}{8.2}$ | $\frac{8.0}{7}$ | $\frac{6.8}{8}$ | $\frac{6.7}{17}$ | $\frac{7.4}{34}$ | $\frac{7.4}{50}$ |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|------------------|

|                  |                  |                  |                 |                   |                 |                 |                  |                  |                  |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|------------------|
| $\frac{1.4}{50}$ | $\frac{2.3}{33}$ | $\frac{2.7}{15}$ | $\frac{3.6}{7}$ | $\frac{3.6}{5.8}$ | $\frac{5.8}{7}$ | $\frac{5.0}{9}$ | $\frac{5.2}{18}$ | $\frac{4.9}{56}$ | $\frac{5.4}{50}$ |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|-----------------|------------------|------------------|------------------|



910.80

22+00

22+50

23+00

13.38 917.51 6.67 904.13

23+50

24+00

24+06<sup>5</sup>

13.14

8.83 908.68 908.69

|    |    |     |     |     |     |     |     |
|----|----|-----|-----|-----|-----|-----|-----|
| 77 | 94 | 115 | 128 | 126 | 114 | 118 | 123 |
| 50 | 24 | 10  | 7   | 126 | 4   | 10  | 19  |

|    |    |    |    |     |     |    |    |    |    |
|----|----|----|----|-----|-----|----|----|----|----|
| 42 | 60 | 76 | 92 | 104 | 108 | 94 | 94 | 95 | 98 |
| 50 | 37 | 16 | 7  | 8   | 108 | 4  | 10 | 18 | 37 |

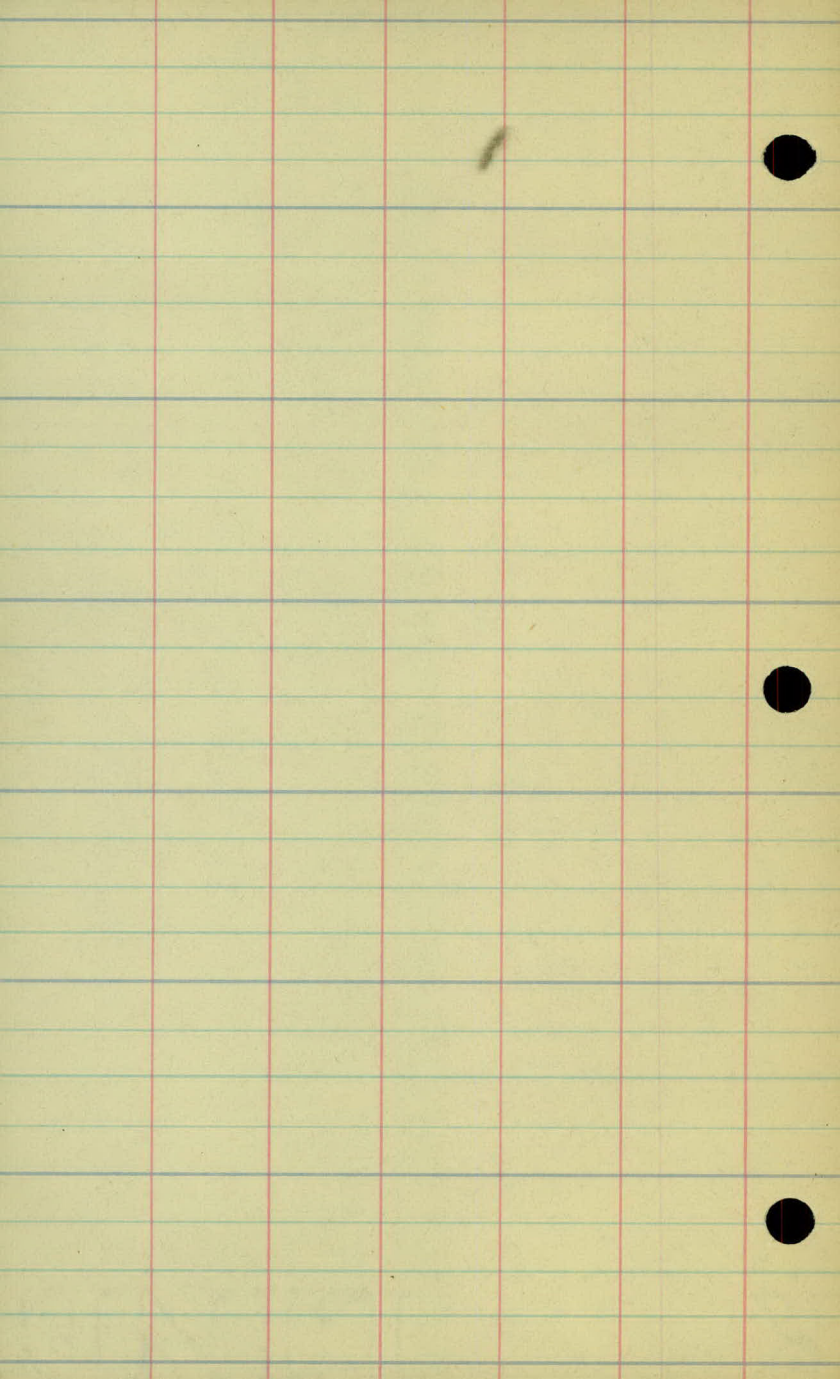
|     |    |    |    |    |     |    |    |    |    |
|-----|----|----|----|----|-----|----|----|----|----|
| 0.8 | 23 | 36 | 70 | 82 | 92  | 73 | 64 | 64 | 66 |
| 50  | 34 | 16 | 10 | 9  | 8.5 | 9  | 15 | 16 | 22 |

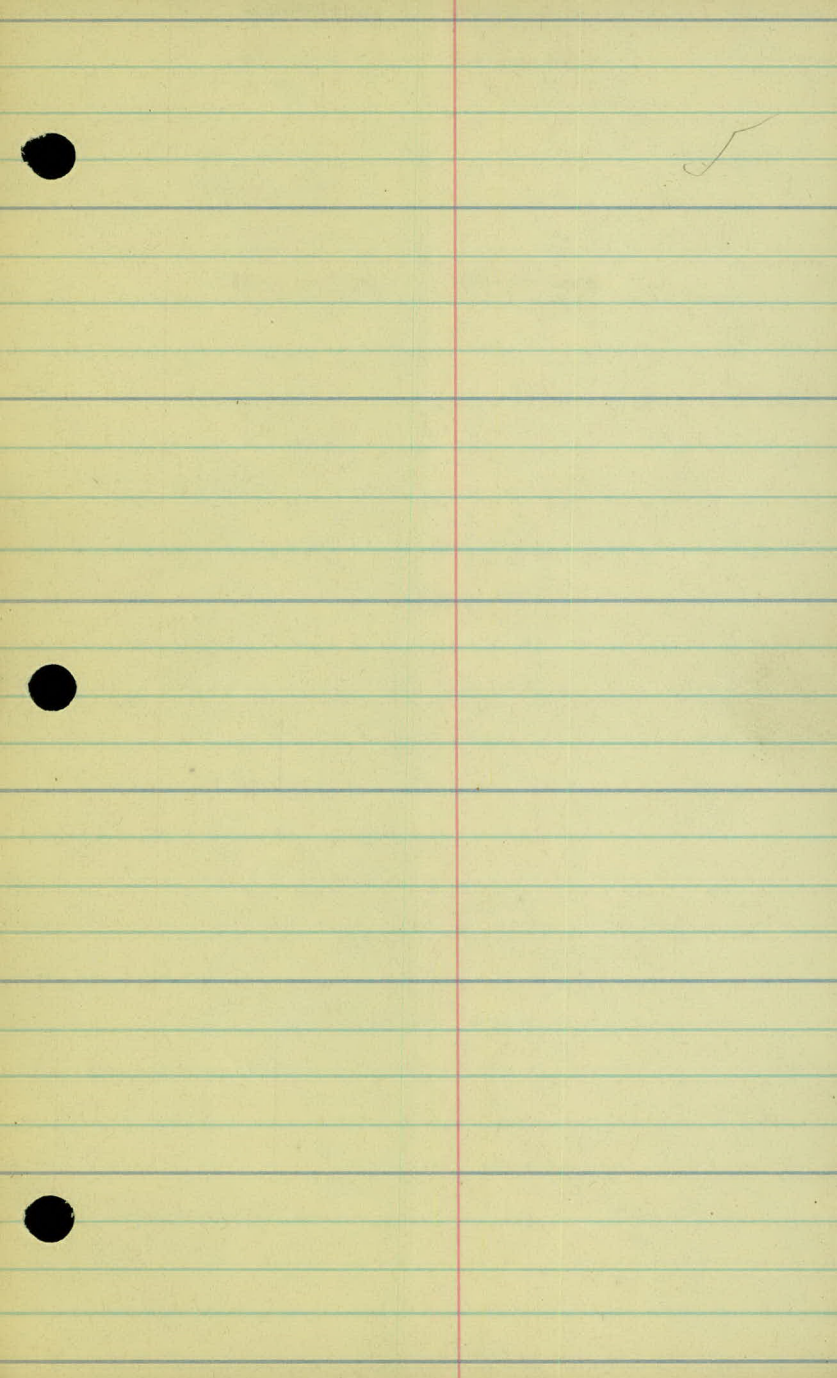
|     |     |    |    |     |     |     |     |    |     |
|-----|-----|----|----|-----|-----|-----|-----|----|-----|
| 0.0 | 1.7 | 42 | 73 | 101 | 122 | 128 | 105 | 96 | 8.9 |
| 50  | 44  | 23 | 14 | 10  | 9   | 127 | 10  | 14 | 29  |

|       |     |     |    |    |    |     |     |     |     |
|-------|-----|-----|----|----|----|-----|-----|-----|-----|
| 110.5 | 137 | 112 | 28 | 44 | 88 | 98  | 8.6 | 5.7 | 3.2 |
| 50    | 34  | 27  | 16 | 12 | 10 | 100 | 9   | 12  | 35  |

|      |      |      |    |     |     |     |     |
|------|------|------|----|-----|-----|-----|-----|
| 15.2 | 12.0 | 11.2 | 45 | 8.3 | 101 | 8.0 | 6.5 |
| 50   | 36   | 29   | 15 | 12  | 94  | 9   | 14  |

SFX IN 30" POP. 50 RT 65A. 23+30







|      |      |        |       |        |
|------|------|--------|-------|--------|
| B.M. | 0.66 | 707.35 |       | 708.69 |
|      | 0.23 | 898.35 | 11.23 | 898.12 |
|      | 0.83 | 887.62 | 11.56 | 886.79 |
|      | 1.40 | 876.94 | 12.08 | 875.54 |

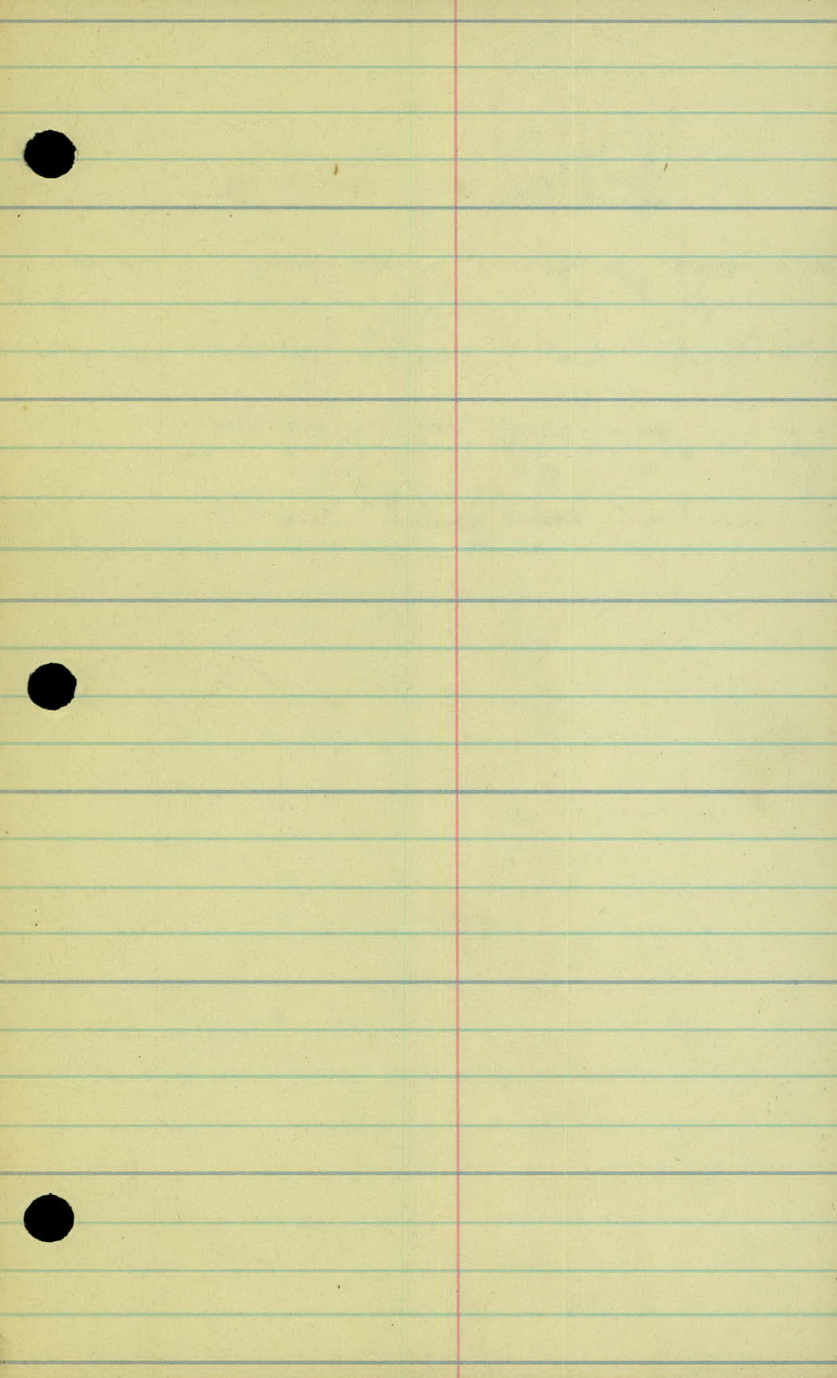
|      |      |        |       |        |   |
|------|------|--------|-------|--------|---|
| B.M. |      |        | 3.62  | 873.32 | ✓ |
|      | 0.50 | 865.08 | 12.36 | 864.58 | X |
|      | 0.30 | 851.99 | 13.39 | 851.69 |   |
|      | 0.93 | 841.05 | 11.87 | 840.12 |   |

|      |      |        |       |        |
|------|------|--------|-------|--------|
| B.M. |      |        | 10.33 | 830.74 |
|      | 0.77 | 828.62 | 13.22 | 827.83 |
|      | 0.38 | 816.28 | 12.72 | 815.90 |
|      | 2.96 | 806.93 | 12.31 | 803.99 |

|      |      |        |       |        |
|------|------|--------|-------|--------|
| B.M. |      |        | 0.58  | 806.35 |
|      | 0.93 | 794.95 | 12.91 | 794.02 |
|      | 0.14 | 784.03 | 11.06 | 783.89 |

|      |      |        |       |        |
|------|------|--------|-------|--------|
| B.M. |      |        | 9.68  | 774.35 |
|      | 0.90 | 771.27 | 13.66 | 770.37 |
|      | 0.66 | 759.14 | 12.79 | 758.48 |
|      | 0.09 | 746.00 | 13.23 | 745.91 |
|      | 2.17 | 735.27 | 12.90 | 733.10 |

|      |  |  |      |        |
|------|--|--|------|--------|
| B.M. |  |  | 8.80 | 726.47 |
|------|--|--|------|--------|



B.M. 10.80 919.49 908.69

24+15

24+27

24+55

13.43 932.23 0.69 918.80

12.25 943.54 0.94 931.29

25+00

25+30

25+50

13.64 956.92 0.26 943.28

26+00

26+50

26+75

27+00

6.48 962.30 1.10 955.82

27+25

27+50

3-19-30

SPK IN 30" POLAR 50 RT STA 23750

|           |           |           |           |            |            |            |           |           |           |
|-----------|-----------|-----------|-----------|------------|------------|------------|-----------|-----------|-----------|
| <u>11</u> | <u>17</u> | <u>52</u> | <u>92</u> | <u>104</u> | <u>113</u> | <u>112</u> | <u>96</u> | <u>96</u> | <u>97</u> |
| 40        | 37        | 27        | 22        | 10         | 11.2       | 7          | 8         | 11        | 27        |
|           |           |           |           |            |            |            |           |           | 40        |

|           |           |           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <u>35</u> | <u>47</u> | <u>81</u> | <u>94</u> | <u>95</u> | <u>97</u> | <u>88</u> | <u>79</u> | <u>79</u> | <u>79</u> |
| 40        | 37        | 35        | 20        | 8         | 5         | 4         | 84        | 13        | 29        |
|           |           |           |           |           |           |           |           |           | 40        |

|           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <u>67</u> | <u>79</u> | <u>62</u> | <u>56</u> | <u>48</u> | <u>34</u> | <u>17</u> | <u>21</u> |
| 48        | 36        | 31        | 25        | 8         | 4.1       | 9         | 23        |
|           |           |           |           |           |           |           | 40        |

|             |            |            |            |            |            |
|-------------|------------|------------|------------|------------|------------|
| <u>12.7</u> | <u>116</u> | <u>109</u> | <u>113</u> | <u>111</u> | <u>112</u> |
| 40          | 28         | 13         | 13         | 24         | 40         |
|             |            |            |            |            |            |

|            |           |           |           |           |           |           |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <u>5.9</u> | <u>52</u> | <u>44</u> | <u>37</u> | <u>41</u> | <u>31</u> | <u>25</u> |
| 40         | 29        | 15        | 59        | 11        | 25        | 34        |
|            |           |           |           |           |           | 40        |

|            |            |            |           |             |
|------------|------------|------------|-----------|-------------|
| <u>3.3</u> | <u>2.6</u> | <u>1.4</u> | <u>00</u> | <u>+1.0</u> |
| 40         | 37         | 20         | 22        | 40          |
|            |            |            |           |             |

|             |            |           |           |            |           |
|-------------|------------|-----------|-----------|------------|-----------|
| <u>13.2</u> | <u>109</u> | <u>95</u> | <u>24</u> | <u>6.7</u> | <u>66</u> |
| 40          | 22         | 10        | 8.7       | 13         | 26        |
|             |            |           |           |            | 40        |

|             |            |           |           |            |            |
|-------------|------------|-----------|-----------|------------|------------|
| <u>12.7</u> | <u>101</u> | <u>73</u> | <u>45</u> | <u>3.4</u> | <u>3.2</u> |
| 40          | 26         | 10        | 58        | 10         | 23         |
|             |            |           |           |            | 40         |

|            |           |           |           |           |            |            |
|------------|-----------|-----------|-----------|-----------|------------|------------|
| <u>8.6</u> | <u>67</u> | <u>55</u> | <u>45</u> | <u>33</u> | <u>2.6</u> | <u>2.5</u> |
| 40         | 29        | 16        | 2         | 5.9       | 12         | 29         |
|            |           |           |           |           |            | 40         |

|           |           |           |            |            |            |
|-----------|-----------|-----------|------------|------------|------------|
| <u>13</u> | <u>06</u> | <u>05</u> | <u>1.0</u> | <u>1.4</u> | <u>1.7</u> |
| 40        | 24        | 10        | 0.6        | 13         | 23         |
|           |           |           |            |            | 40         |

|            |            |            |           |            |            |
|------------|------------|------------|-----------|------------|------------|
| <u>3.6</u> | <u>3.1</u> | <u>3.6</u> | <u>54</u> | <u>6.8</u> | <u>7.5</u> |
| 40         | 28         | 8          | 4.4       | 14         | 32         |
|            |            |            |           |            | 40         |

|            |            |            |            |            |            |             |
|------------|------------|------------|------------|------------|------------|-------------|
| <u>6.9</u> | <u>6.3</u> | <u>6.4</u> | <u>7.1</u> | <u>8.6</u> | <u>9.4</u> | <u>10.1</u> |
| 40         | 35         | 21         | 10         | 7.5        | 12         | 28          |
|            |            |            |            |            |            | 40          |



962.30

27+75

10.87 960.63 12.54 949.76

28+00

B.M.

9.80 950.83 950.82

28+10

28+35

28+50

28+60

28+80

29+00

29+30

12.70 971.46 1.87 958.76

29+72

29+80

30+00

30+20

0.83 959.25 13.04 958.42

|                   |                   |                  |                   |                   |                   |
|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|
| $\frac{13.4}{40}$ | $\frac{13.6}{20}$ | $\frac{12.8}{6}$ | $\frac{11.8}{11}$ | $\frac{12.6}{20}$ | $\frac{13.1}{40}$ |
|                   |                   | 12.8             |                   |                   |                   |

|                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|
| $\frac{15.1}{40}$ | $\frac{15.3}{12}$ | $\frac{14.0}{11}$ | $\frac{12.7}{27}$ | $\frac{10.9}{40}$ |
|                   | 15.0              |                   |                   |                   |

SPK IN 14" OAK 100' LT. ST. 27730

|                   |                   |                    |                   |                   |                   |
|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| $\frac{17.6}{40}$ | $\frac{17.2}{19}$ | $\frac{13.5}{156}$ | $\frac{11.6}{14}$ | $\frac{10.0}{26}$ | $\frac{10.0}{40}$ |
|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|

|                   |                   |                   |                     |                  |                  |                  |
|-------------------|-------------------|-------------------|---------------------|------------------|------------------|------------------|
| $\frac{16.5}{40}$ | $\frac{15.3}{27}$ | $\frac{13.5}{10}$ | $\frac{10.6}{12.5}$ | $\frac{8.9}{16}$ | $\frac{7.3}{27}$ | $\frac{7.3}{40}$ |
|-------------------|-------------------|-------------------|---------------------|------------------|------------------|------------------|

|                   |                   |                  |                 |                   |                 |                  |                  |                  |
|-------------------|-------------------|------------------|-----------------|-------------------|-----------------|------------------|------------------|------------------|
| $\frac{11.2}{40}$ | $\frac{10.7}{34}$ | $\frac{8.1}{22}$ | $\frac{7.6}{8}$ | $\frac{7.1}{8.7}$ | $\frac{7.9}{8}$ | $\frac{6.3}{13}$ | $\frac{5.4}{28}$ | $\frac{5.4}{40}$ |
|-------------------|-------------------|------------------|-----------------|-------------------|-----------------|------------------|------------------|------------------|

|                  |                  |                  |                 |                   |                 |                  |                  |                  |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|------------------|------------------|------------------|
| $\frac{6.9}{40}$ | $\frac{4.3}{26}$ | $\frac{4.4}{15}$ | $\frac{6.5}{4}$ | $\frac{8.1}{7.5}$ | $\frac{7.2}{8}$ | $\frac{5.4}{20}$ | $\frac{4.8}{32}$ | $\frac{4.8}{40}$ |
|------------------|------------------|------------------|-----------------|-------------------|-----------------|------------------|------------------|------------------|

|                  |                  |                  |                   |                  |                  |                  |
|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|
| $\frac{8.7}{40}$ | $\frac{8.7}{30}$ | $\frac{8.3}{14}$ | $\frac{8.6}{8.6}$ | $\frac{8.5}{10}$ | $\frac{8.3}{22}$ | $\frac{7.5}{40}$ |
|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|

|                   |                   |                  |                   |                  |                  |
|-------------------|-------------------|------------------|-------------------|------------------|------------------|
| $\frac{12.0}{40}$ | $\frac{10.8}{26}$ | $\frac{7.3}{13}$ | $\frac{7.7}{9.1}$ | $\frac{7.3}{23}$ | $\frac{7.3}{40}$ |
|-------------------|-------------------|------------------|-------------------|------------------|------------------|

|                   |                   |                  |                   |                  |                  |
|-------------------|-------------------|------------------|-------------------|------------------|------------------|
| $\frac{12.5}{40}$ | $\frac{11.3}{30}$ | $\frac{9.7}{13}$ | $\frac{8.7}{8.7}$ | $\frac{7.9}{16}$ | $\frac{7.0}{40}$ |
|-------------------|-------------------|------------------|-------------------|------------------|------------------|

|                   |                   |                  |                  |                 |                  |                  |                  |                  |
|-------------------|-------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|
| $\frac{16.8}{40}$ | $\frac{13.5}{30}$ | $\frac{8.5}{19}$ | $\frac{6.7}{13}$ | $\frac{5.0}{4}$ | $\frac{4.6}{42}$ | $\frac{6.7}{14}$ | $\frac{7.2}{29}$ | $\frac{7.2}{40}$ |
|-------------------|-------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|

|                   |                   |                  |                 |                   |                  |                  |                  |
|-------------------|-------------------|------------------|-----------------|-------------------|------------------|------------------|------------------|
| $\frac{15.1}{40}$ | $\frac{11.6}{30}$ | $\frac{7.8}{19}$ | $\frac{4.1}{6}$ | $\frac{3.4}{3.4}$ | $\frac{3.9}{17}$ | $\frac{6.7}{33}$ | $\frac{8.2}{40}$ |
|-------------------|-------------------|------------------|-----------------|-------------------|------------------|------------------|------------------|

|                   |                   |                  |                 |                   |                  |                  |                  |                  |
|-------------------|-------------------|------------------|-----------------|-------------------|------------------|------------------|------------------|------------------|
| $\frac{16.3}{40}$ | $\frac{14.0}{32}$ | $\frac{9.7}{19}$ | $\frac{6.7}{8}$ | $\frac{4.9}{4.9}$ | $\frac{4.6}{10}$ | $\frac{5.9}{24}$ | $\frac{8.6}{38}$ | $\frac{9.1}{40}$ |
|-------------------|-------------------|------------------|-----------------|-------------------|------------------|------------------|------------------|------------------|

|                   |                   |                   |                   |                 |                   |                 |                  |                  |                   |
|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-----------------|------------------|------------------|-------------------|
| $\frac{17.5}{40}$ | $\frac{16.4}{31}$ | $\frac{13.7}{21}$ | $\frac{11.5}{13}$ | $\frac{9.6}{4}$ | $\frac{8.4}{8.4}$ | $\frac{7.2}{8}$ | $\frac{4.3}{18}$ | $\frac{7.4}{31}$ | $\frac{10.4}{40}$ |
|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-----------------|------------------|------------------|-------------------|

959.25

30+60

31+00

7.77

31+30

31+36

31+42<sup>±</sup>  $\nabla$  ROAD.

31+50

9.4

32+00

8.6

32+50

7.6

33+00

6.4

B.M.

7.77 951.48 951.44

|            |            |            |            |     |            |            |            |
|------------|------------|------------|------------|-----|------------|------------|------------|
| <u>5.5</u> | <u>6.4</u> | <u>6.4</u> | <u>6.1</u> |     | <u>5.9</u> | <u>6.4</u> | <u>6.3</u> |
| 40         | 33         | 18         | 6          | 6.0 | 15         | 28         | 40         |

|            |            |            |     |             |             |            |
|------------|------------|------------|-----|-------------|-------------|------------|
| <u>9.7</u> | <u>9.4</u> | <u>9.4</u> |     | <u>10.5</u> | <u>10.3</u> | <u>9.9</u> |
| 40         | 33         | 14         | 9.7 | 19          | 33          | 40         |

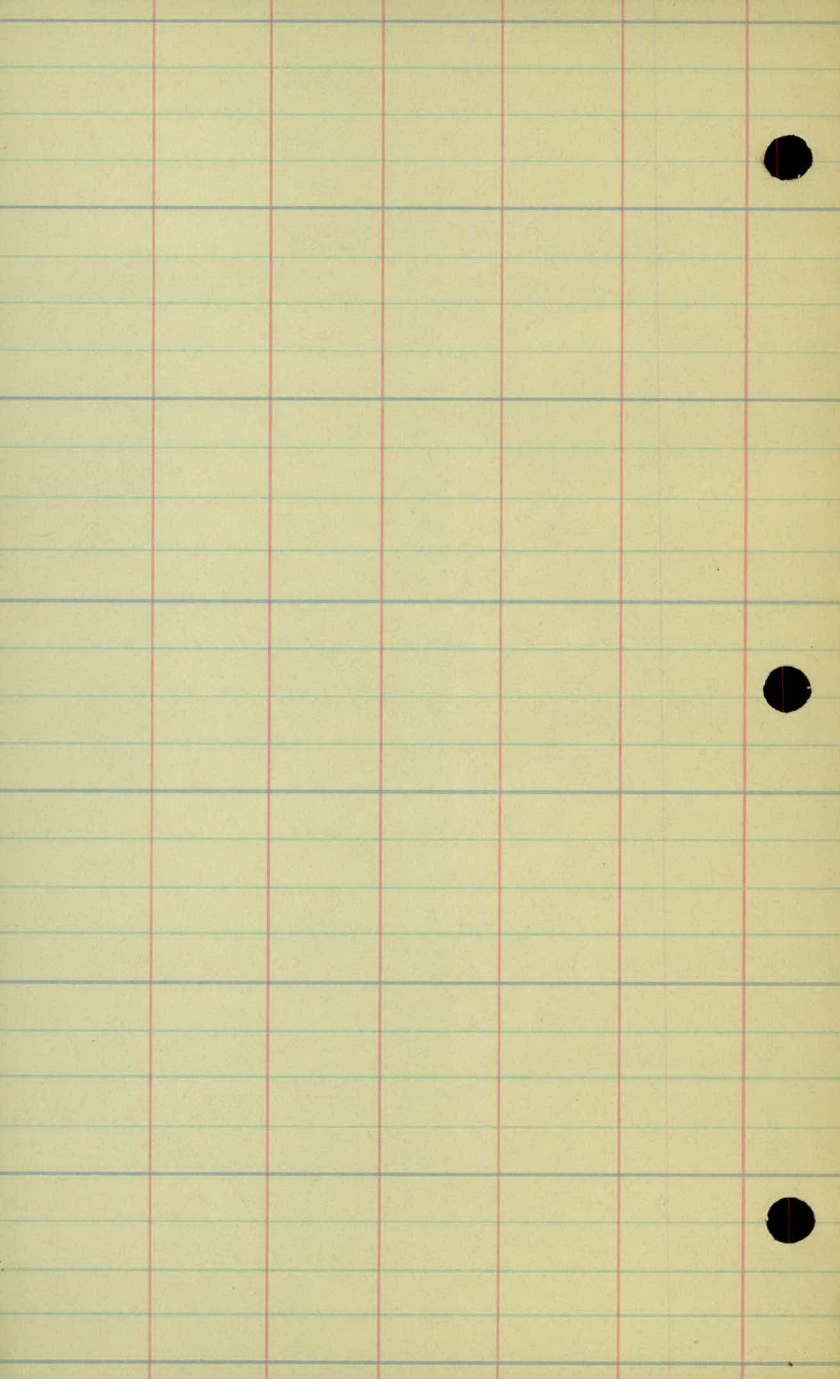
|             |             |             |             |      |             |            |            |
|-------------|-------------|-------------|-------------|------|-------------|------------|------------|
| <u>11.3</u> | <u>10.9</u> | <u>10.4</u> | <u>10.2</u> |      | <u>10.2</u> | <u>9.8</u> | <u>8.9</u> |
| 40          | 30          | 28          | 13          | 10.6 | 15          | 25         | 40         |

|             |            |     |            |            |
|-------------|------------|-----|------------|------------|
| <u>10.3</u> | <u>9.6</u> |     | <u>9.1</u> | <u>8.4</u> |
| 40          | 23         | 9.4 | 19         | 40         |

|            |             |            |     |            |            |            |
|------------|-------------|------------|-----|------------|------------|------------|
| <u>9.4</u> | <u>10.1</u> | <u>9.6</u> |     | <u>8.7</u> | <u>8.0</u> | <u>7.3</u> |
| 100        | 50          | 25         | 9.4 | 25         | 50         | 100        |

SPK IN 12" OAK 30' N.W. OF MONT.





LINWOOD AVE.  
ART TOPOG FROM THE  
POINT DOUGLAS ROAD TO EAST AVE.

4

5

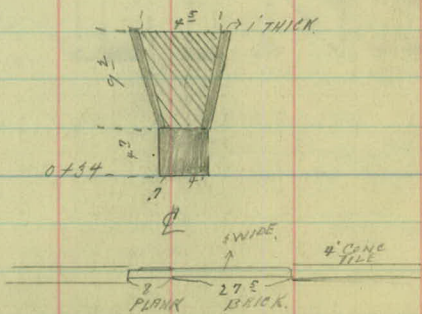
2

1

150

0 + 00

0 + 34





+100-24"-T-20

2 ROAD 2

+67-12"-T-17

Woods

+77 P.R. 28  
+50 C.R.D. 12  
+50-30-T-34  
+50 F. 35

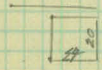
Woods

2 N.P. 9  
F. 45

+66 2 R.D. 2.  
+54 P.P. 33

+70 F. 39  
+32 F. COR 31

+21 2 STEPS 30  
4" X 8" WOODEN  
1 STORY FRAME  
107 HOUSE 54



2 ROAD 7

+75 STUMP 18  
+89-2"-T-18

+50-14"-T-31

+12 P.P. 17

+25-24"-T-30  
+08 STUMP 31  
+15 EVERGREEN 50

+01-6"-T-21

2 ROAD 12

+91-10"-T-24

+28 EVERGREENS  
+25 STUMP 29

+83-6"-T-25

+77 End of House 40  
+65 STUMP 32

+54 MAN HOLE 2

+53 EVER GREENS

+25 2 DARK WALK  
3' WIDE.

+49 REG. HADGE 42

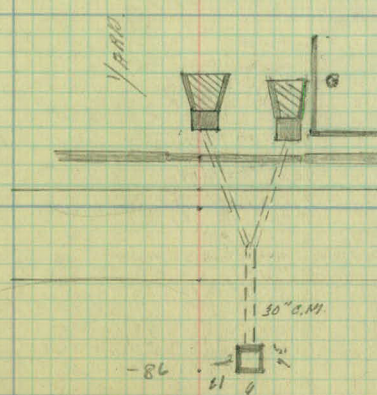
+10 T.P. 15.

+52 MAN HOLE 20  
70 NW. COR.

+19 I.P. SIGN 32

+042 PAVE. 2

+46 END OF WALL 22  
+28 CR. STONE WALL  
22 R





10

9

8

7

6

5

4

3-8-30

Q. ROAD 2.

+89 TWIN T. 25

+50 Q. ROAD 5

+10 P.P. 17

Q. ROAD 4

+76 -18"-T-25

+18 -30"-T-30

+41 -16"-T-19

+72 -14"-T-19

+68 -10"-T-25

+64 -12"-T-18

+26 -12"-T-10

+05 TWIN T. 11

+02 -12"-T-18

+88 -8"-T-9

+40 -18"-T-16

+25 -16"-T-13

+93 P.P. 14

+50 Q. ROAD 6

+43 -30"-T-29

WOODS

+82 OVER FLOW

BARREL 33

+59 -2X2 BOX  
PRESSURE PUMP

+65 Q. ROAD 2.

Q. ROAD 8

+89 P.P. 27

+50 Q. ROAD 12

Q. ROAD 11

+57 Q. ROAD 6

+30 P.P. 23

+06 -16"-T-9

Q. ROAD 10

+91 -TWIN-T-37

+78 -6"-T-30

+64 N. BOX 16

+60 -14"-T-27

+50 Q. ROAD 7

+10 -8"-T-20

Q. ROAD 9

+93 -10"-T-17

+70 -8"-T-11

+63 -10"-T-13

+18 F. 18

WOODS

16

15

14

13

12

11

10



+73-10"-T-26

CULTIVATED

3

2 ROAD 5

+50 2 ROAD 6

+78 P.P. 3

+45 2 ROAD 15

+04 P.P. 5

2 ROAD 11

+40-30"-T-27

+29-4"-8"-T-22

+19-4"-6"-T-11

+62-12"-T-20

+50 2 ROAD 8

+00 2 ROAD 11  
+00 P.P. ENT.

+35 P.P. 8

+48-8"-T-18

WOODS

WOODS

+50 2 ROAD 16

2 ROAD 25

+73 2 ROAD 30  
+67 P.P. 10

+67 TWIN. T. 2.

+50 2 ROAD 25

+

2 ROAD 11

+72-6"-T-19

+29 P.P. 13

+10-6"-T-22

+50 2 ROAD 4



22

21

20

19

18

17

16

3-8-90

2 ROAD 2

+97 P.P. 11

2 ROAD 1

CULTIVATED

+94-10"-T-12

2 ROAD 2

BRUSH

2 ROAD 1

+97 P.P. 10

+95 BERRY PATCH 30

2 ROAD 2

+96 BERRY PATCH

+94 ORCHARD 28

+93 P.P. 10

+92 ORCHARD 22

2 ROAD 4

+90 CROSS ROAD

2 ROAD 8  
+90 ORCHARD 32

+90 T.P. 31

+92 P.P. 17

28

27

26

25

24

23

22



3-8-50



441 P.P. 11



32

31

30

29

28

3-8-30

TO CROSS DRAIN  
24" X 48" P<sup>3</sup>  
EXTENDS 24 L. & 24 R.  
DRAINS LEFT.

