

Dr. 6 - BK. 120

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

Centerville Road

From N. Birch Lake Blvd to No. Co. Line

Road Acc't. No. 2

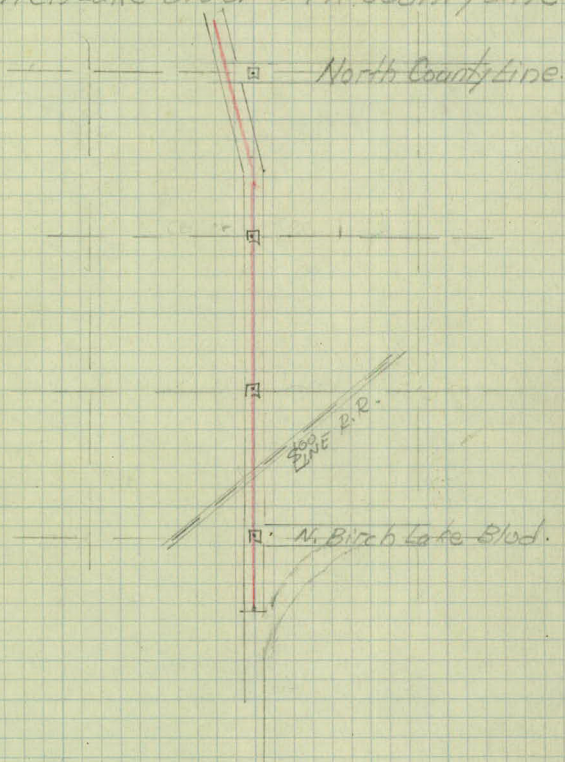
Date Filed 1937

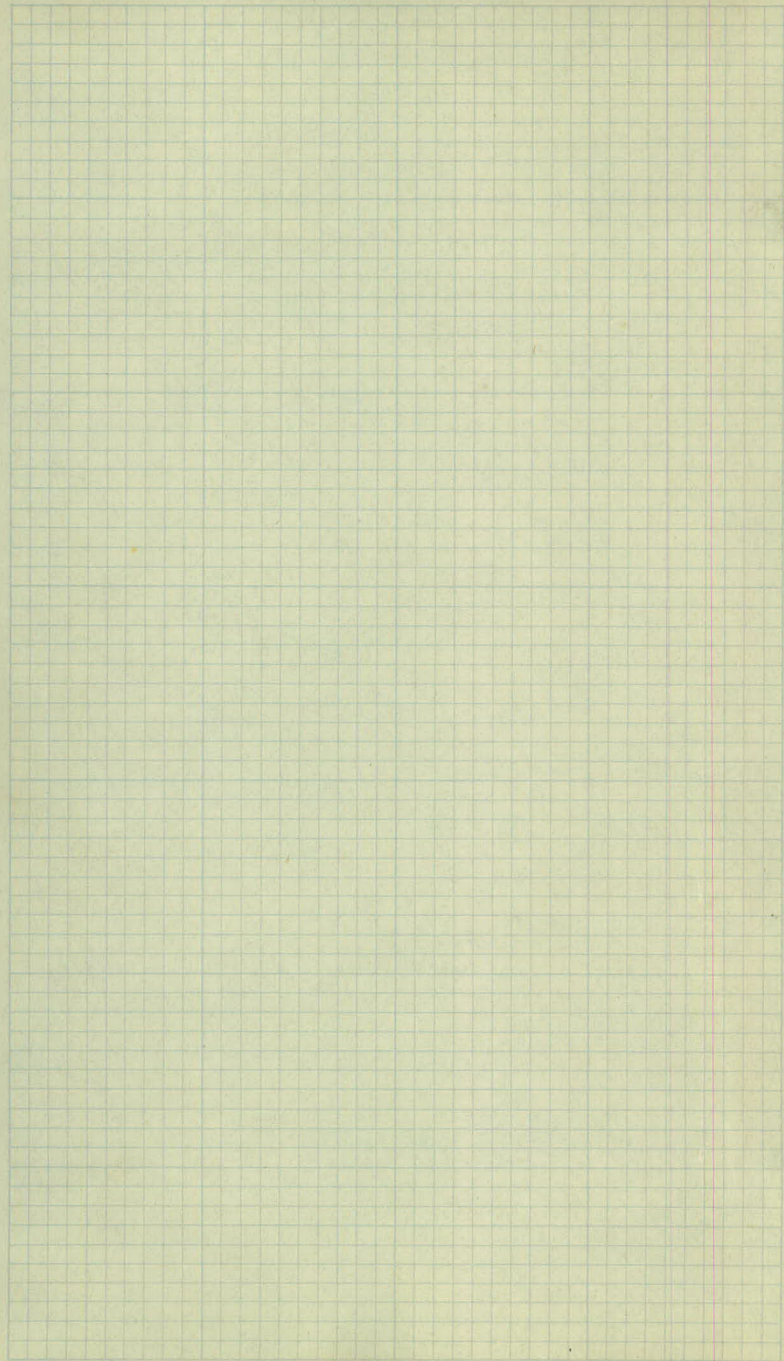
File

Plan Survey.

Centerville Road.

N. Birch Lake Blvd to N. County Line.





1
alignment.

Centerville Road.

No. Birch Lake Blvd to No. Co. Line.

Station	Point	Angle	
		Lt.	Rt.

27+

4+ P.O.T.
 2 $\frac{00}{00}$ LINE

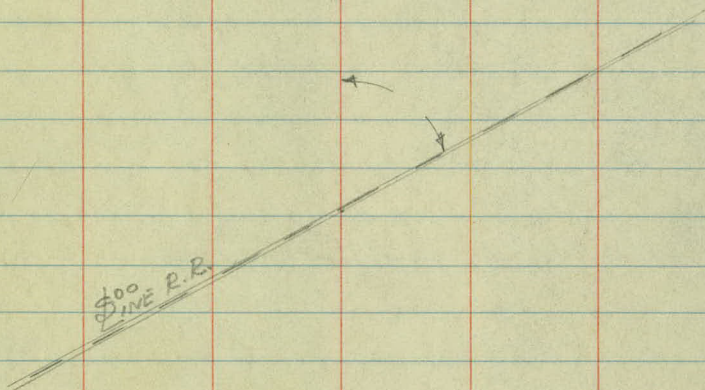
1+

0+00 End of Page

W.H.C.
K.A.
G.G.
A.M.

July 16, 1937

2



Station	Point	Angle	
		Lt.	Rt.

80+15.35	P.I. Mar.	0°-05½'	
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P.O.T.

53+	P.I.		
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Use elev. 949.80: Top part of cart. lid &

Brick Lake Bldg. No.

Be sure the mant has not been moved.

$$-250' = 54.86$$
$$-3-955.02$$

$$-12 = 50.1$$

$$\begin{array}{r} 915.1 \\ 54 \\ \hline 909.7 \end{array}$$

12" oak

41.68

2.1

Iron Bolt

23.79

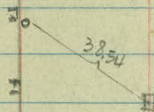
24" oak

Station	Point	angle. Lt. Rt.	
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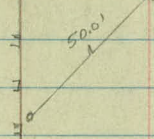
106+54.90

Center Sec. 4

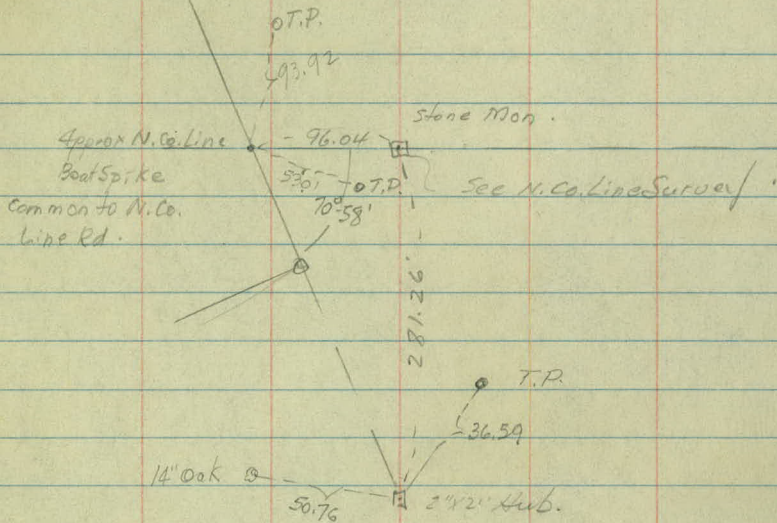
4 Iron Pipe
near I. F. P.

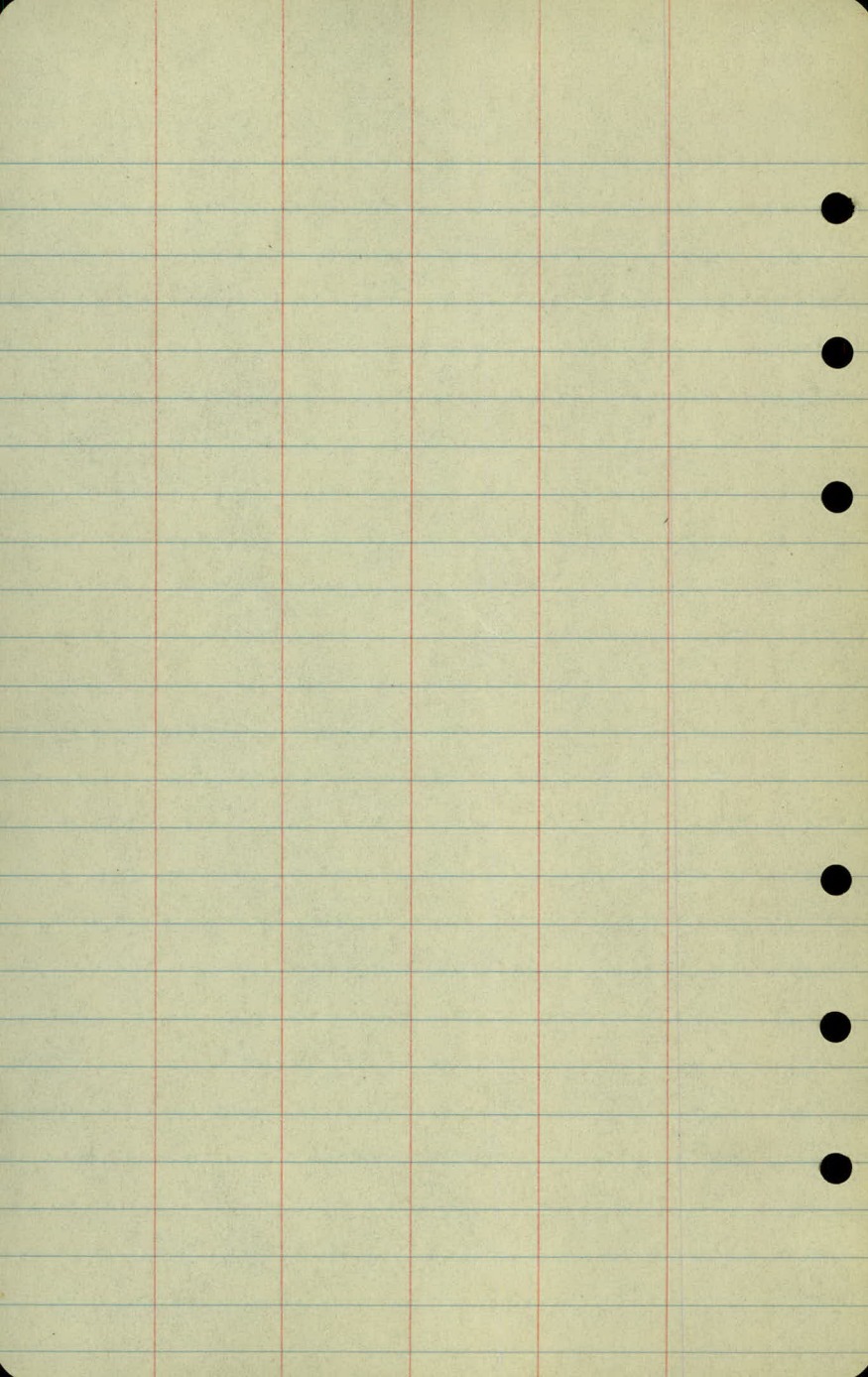


4 Iron Pipe
near I. F. P.



Sta	00	Point	Angle	
			Lt	Rt
138	19.06			
137	89.12	P.T.	92° 25'	
			8° 14'	
	+50		7° 14'	
136			6° 14'	P.I. 135+25.88
	+50		5° 14'	A 18° 50' Lt.
135			4° 14'	D- 4200
	+50		3° 14'	T. 237.59
134			2° 14'	L.C. 470.83
	+50		1° 14'	R= 1432.69'
133			0° 14'	
132	88.29	P.C	0° 00'	





Topography.

4

3

2

1

0

$- \phi + 0$

$- \phi + 0$

24.

9.59

on pt.

173-4 18" X 39' U.

19' - 20'

20"
on left

81

9-8'

+15.35 from Mon.

90

9-9

79

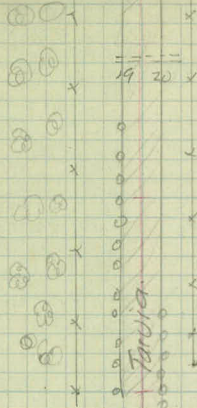
Tarvia d. x pt.

78

77

+38-End
 G.R. 105
 F-35'
 G.R. 10'
 Dead Timber & Bush

+15- F35'
 G.R. 10



Ditch - 2' Bottom

Pasture

F-24'

+43-E.G.R. 9'

+14-F.Cor. 27.5
 G.R. 9 1-Plank

11' 8'

88

12 8

87

12 8'

86

10 8

85

10 9

84

10' 8'

83

10 9

82

F-33'

20

F-20'

Oaks. & Brush.

+79-F. Cor. 22'
+66-Ent. 12"x
+55-F. Cor. 21' (C.M.)
25' RT

F-19'

Brush

Pasture

F-34'

F-24'

Dead Timber & Brush

Brush

8' 10'

95

9' 10'

94

9' 9'

103-~~4~~ 15" X 33 C.M.

93

9' 9'

92

9' 9'

91

10' 10'

90

89

11' 8'

153-Bq 9.R. 9.5

15

154
14155
15

Ditch.

F-33'

Cats & Brush.

Waste land

159
16

ENT.

18-30" Pop. 29

12" V 60' C.M.

195-30" Pop. 30

159
16

154

Rough tie to F.

158-F. Cor. 19'

Pasture.

8' 10'

102

9-9'

101

10' 8'

100

11' 8'

99

9' 9'

98

7' 11'

453-4 12" x 41' V.P.

19'

97

8' 10'

96

F-33'

463-E.G.R 9.5
LP/ank.

9.R 9.5'

Coko Brush.

Waste Land.

149-ENT-12"X26
14' Vitr.

11' 8'

109

11' 8'

108

11' 9'

107

11' 8'

+54.9- Stone Men.

106

11' 9'

105

9' 10'

104

9' 9'

103

F-35

cult.

+85-Ent
+64-8" Tree 45'

+47-N.W. Cor. 77'

+18-S.W. Cor. 2-S.F.
77'

+61-8" E/m 47

+78-Ent

cult.

+55-F. 33.7

Waste land.

+55-Ent.

F-33

Oaks + Brush.

Waste land.

7-10

102-2 12" X 35' Vit.

116

$\overline{18} \overline{17}$
7 10

115

7-11'

114

8-10

113

9-9

112

10-8'

111

10 8

110

F-35

Waste land.

Pu/H.

8' 11'

123

8' 11'

122

8' 10'

121

8' 10'

120

9' 9'

119

10' 9'

118

9' 9'

117

cult.

+13-F. cor. 70'

F-32'

F-28'

Pasture

+05-F. cor. 23'

6-12

130

7-11

129

8-10

128

7-11

127

7-11

126

7-12

125

6-11

124

144-Ent 26

15'
8' 11' 28' 23'

147-S.W. Cor. 91
128-Ent

F-321

+80

cut

127-Gate
F-322

13

-6' 175

+89- 15' 3

18' 1'

17' 1'

15' 4'

+80 -12' 6'

9-9'

+50- 7' 12'

134

7- 12'

+50 7'-10

133

7' 11'

132

9'-12'

131

+78-T.P. 33'

+48-15" Oak - 76'
17" Oak+03-Beg. Oak 32'
F-42'

+82-T.P. 27'

+50-F. 42'
+20-End Oak 30'

+05-15" Oak 27'

+68-12" Oak - 38'
+65-8" Oak - 92'
+55-12" Oak - 33'
+52-7-8" Oak 76'

+60-T.P. 28'

+37-15" Oak
30'

F-32'

+38-T.P. 38'

F-32'

F-33'

+32-T.P. 54'

+75-F. Cor. 25'

F-76'

pasture

F-27'

+72-Gate

+06-F. Cor. 78'

140

139

10 -10

100 -8'

119.06 = $\pm$ N. Co-Line

138

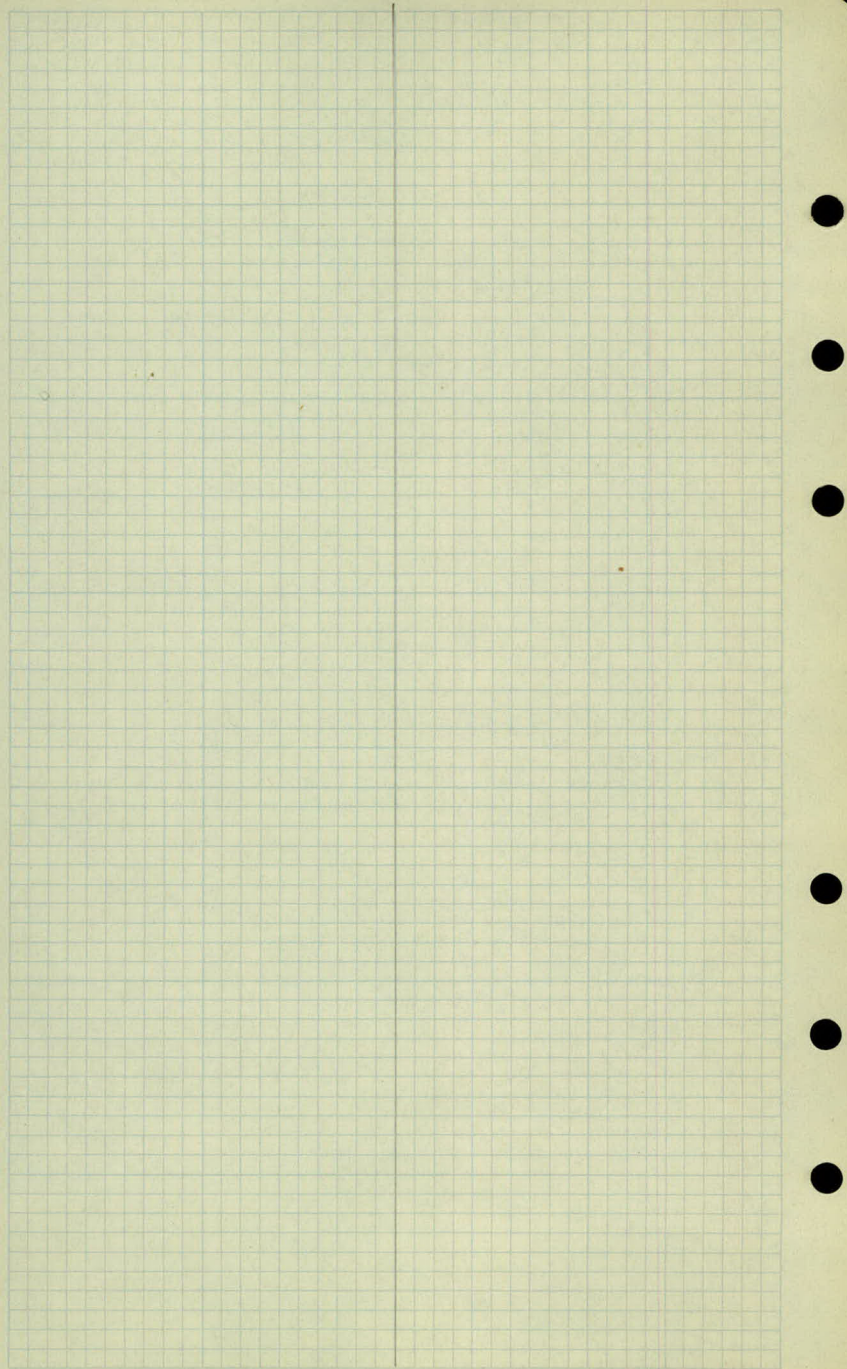
+ 80 - F. Cr. 36'

103 - 15" w. [?] d. m.



1000 ft. travel

See W. Co. Line
notes of 1936



Bench Levels

&

Cross Sections.

	+	π	-	Elev.
B.M.	4.28	937.21		932.93
T.P.	3.15	937.16	3.20	934.01
✓	4.67	935.56	6.27	930.89
B.M.	3.86	935.56	3.86	931.70
T.P.	7.08	934.10	8.54	927.02
B.M.	0.45	934.10	0.45	933.65
T.P.	0.54	927.21	7.43	926.67
✓	0.60	914.85	12.96	914.25
B.M.	6.43	914.85	6.43	908.42
T.P.	0.08	914.42	0.51	914.34
✓	10.33	917.75	7.00	907.42
B.M.			3.20	914.55

W.H.C.

K.A.

C.G.

A.M.

July 17, 1937

30

Spike 18" Box Elder. 22' Lt. Sta. 138+03

23

19

Spike in 24" Oak 150' Lt. Sta. 122+75

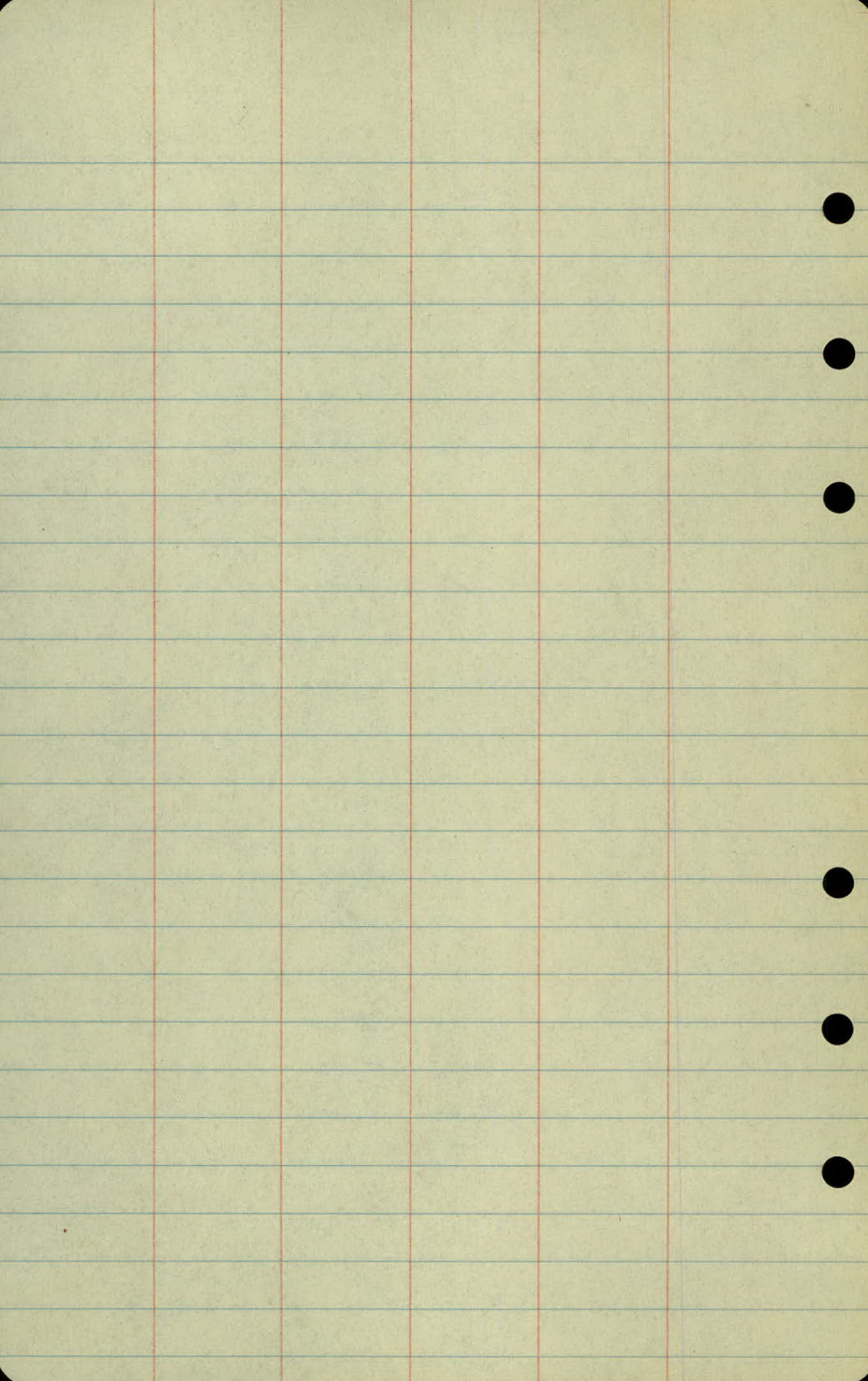
15

Top of Door Sill. 77' Lt. Sta. 108+65

7

Spike 8" Oak 35' Lt. Sta. 94+90

Spike in 30" Oak 39' Lt. Sta. 79+30



Cross Sections

St.	+	π	-	Elev.
B.M.	3.20	917.75		914.55

80 + 15.35				12.9
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+75				12.8
-----	--	--	--	------

150				11.9
-----	--	--	--	------

+75				11.0
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81				10.3
----	--	--	--	------

+75				09.5
-----	--	--	--	------

+50				08.8
-----	--	--	--	------

+75				08.3
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T.P.	4.50	912.49 712.29	9.76	907.99 907.79
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82				08.0
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+75				07.9
-----	--	--	--	------

+50				07.8
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W.H.C.

K.A.

C.G. 10/17, 1937

R.M.

68

Lt.

Lt.

Lt.

Spike in 30" Oak 3d Lt. 24. 79+20

$\frac{106}{33}$	$\frac{102}{24}$	$\frac{95}{19}$	$\frac{5.7}{11}$	$\frac{5.0}{10}$	$\frac{4.89}{9}$	$\frac{5.1}{10}$	$\frac{5.6}{11}$	$\frac{9.6}{22}$	$\frac{105}{37}$
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$\frac{5.6}{11}$	$\frac{5.3}{9}$	$\frac{5.0}{9}$	$\frac{5.5}{8}$	$\frac{5.5}{11}$
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$\frac{11.6}{33}$	$\frac{10.5}{19}$	$\frac{6.3}{11}$	$\frac{6.2}{9}$	$\frac{5.9}{9}$	$\frac{6.2}{8}$	$\frac{6.3}{10}$	$\frac{6.9}{11}$	$\frac{8.4}{16}$	$\frac{9.6}{21}$	$\frac{9.8}{33}$
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$\frac{12.6}{33}$	$\frac{11.7}{21}$	$\frac{7.2}{11}$	$\frac{7.0}{9}$	$\frac{6.8}{9}$	$\frac{7.0}{9}$	$\frac{7.2}{11}$	$\frac{9.8}{18}$	$\frac{9.8}{22}$	$\frac{9.6}{33}$
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$\frac{12.9}{33}$	$\frac{12.5}{20}$	$\frac{8.0}{11}$	$\frac{7.7}{9}$	$\frac{7.5}{9}$	$\frac{7.9}{8}$	$\frac{8.2}{11}$	$\frac{11.1}{21}$	$\frac{10.7}{33}$
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$\frac{13.3}{33}$	$\frac{13.2}{20}$	$\frac{8.5}{11}$	$\frac{8.5}{9}$	$\frac{8.3}{9}$	$\frac{8.8}{9}$	$\frac{9.1}{11}$	$\frac{11.7}{17}$	$\frac{12.2}{21}$	$\frac{12.6}{33}$
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$\frac{9.4}{11}$	$\frac{9.2}{9}$	$\frac{9.0}{9}$	$\frac{9.5}{9}$	$\frac{9.7}{11}$
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+73 - 2 Culo.

 $\frac{15.1}{19}$ $\frac{14.5}{20} = \text{A.L. Line}$

$\frac{9.8}{11}$	$\frac{9.7}{10}$	$\frac{9.5}{9}$	$\frac{9.9}{10}$	$\frac{10.1}{11}$
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$\frac{8.3}{33}$	$\frac{8.4}{26}$	$\frac{8.0}{18}$	$\frac{11.7}{11}$	$\frac{11.5}{9.5}$	$\frac{11.5}{15}$	$\frac{11.5}{9}$	$\frac{11.5}{11}$	$\frac{11.5}{16}$	$\frac{11.5}{17}$	$\frac{11.5}{25}$	$\frac{11.5}{33}$
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$\frac{5.1}{11}$	$\frac{5.0}{9}$	$\frac{4.6}{9}$	$\frac{5.1}{9.5}$	$\frac{5.2}{11}$
------------------	-----------------	-----------------	-------------------	------------------

$\frac{8.3}{33}$	$\frac{7.8}{17}$	$\frac{5.1}{18}$	$\frac{5.1}{11}$	$\frac{5.0}{9.5}$	$\frac{4.7}{9}$	$\frac{5.0}{9.5}$	$\frac{5.2}{11}$	$\frac{7.9}{17}$	$\frac{8.1}{25}$	$\frac{8.1}{33}$
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Sta

+

A

-

Elev

912.49

912.29

82 +75

907.9

83

07.7

+25

07.3

+50

07.3

+75

07.4

84

07.4

+25

07.4

+50

07.4

+75

07.5

85

07.5

+25

07.5

Lt.

E

Rt.

$$\frac{52}{11} \quad \frac{50}{10} \quad 46 \quad \frac{49}{9} \quad \frac{51}{11}$$

$$\frac{84}{33} \quad \frac{80}{17} \quad \frac{56}{13} \quad \frac{53}{11} \quad \frac{52}{9.5} \quad \frac{48}{9} \quad \frac{51}{9} \quad \frac{54}{11} \quad \frac{57}{13} \quad \frac{80}{18} \quad \frac{81}{25} \quad \frac{81}{33}$$

$$\frac{56}{11} \quad \frac{54}{9} \quad \frac{52}{9} \quad \frac{55}{9} \quad \frac{59}{11}$$

$$\frac{88}{33} \quad \frac{82}{19} \quad \frac{61}{13} \quad \frac{57}{11} \quad \frac{56}{9} \quad \frac{52}{9} \quad \frac{55}{8.5} \quad \frac{59}{11} \quad \frac{81}{17} \quad \frac{85}{27} \quad \frac{85}{33}$$

$$\frac{56}{11} \quad \frac{54}{9.5} \quad \frac{51}{9} \quad \frac{53}{8.0} \quad \frac{56}{11}$$

$$\frac{86}{33} \quad \frac{80}{18} \quad \frac{56}{13.5} \quad \frac{54}{11} \quad \frac{53}{10} \quad \frac{51}{9} \quad \frac{54}{8} \quad \frac{57}{11} \quad \frac{86}{18} \quad \frac{92}{33}$$

$$\frac{59}{11} \quad 51 \quad \frac{55}{9} \quad \frac{57}{11}$$

$$\frac{83}{33} \quad \frac{80}{19} \quad \frac{58}{18.5} \quad \frac{55}{11} \quad \frac{59}{10} \quad \frac{51}{9} \quad \frac{54}{8} \quad \frac{57}{11} \quad \frac{80}{15} \quad \frac{88}{23} \quad \frac{88}{33}$$

$$\frac{54}{11} \quad \frac{53}{10} \quad \frac{50}{9} \quad \frac{53}{9} \quad \frac{53}{11}$$

$$\frac{88}{33} \quad \frac{86}{20} \quad \frac{55}{14} \quad \frac{52}{11} \quad \frac{52}{10} \quad \frac{50}{9} \quad \frac{53}{8} \quad \frac{56}{11} \quad \frac{81}{16} \quad \frac{88}{22} \quad \frac{88}{33}$$

$$\frac{53}{11} \quad 50 \quad \frac{54}{9} \quad \frac{57}{11}$$

7/2. 29

07.4.

07.3

07.3

07.1

07.3 .

07.5.

077.

0810 .

08.3 -

08.8

09.4

6, 45

916.40

916.20

2.54

909.95

90974

Lt

L

Rt

$\frac{86}{33}$	$\frac{83}{20}$	$\frac{57}{13}$	$\frac{53}{11}$	$\frac{51}{9}$	$\frac{54}{9}$	$\frac{57}{11}$	$\frac{55}{12}$	$\frac{90}{22}$	$\frac{90}{33}$
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$\frac{55}{11}$	$\frac{52}{9}$	$\frac{55}{9}$	$\frac{58}{11}$
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$\frac{87}{33}$	$\frac{86}{21}$	$\frac{58}{14}$	$\frac{55}{11}$	$\frac{52}{8}$	$\frac{55}{8}$	$\frac{59}{11}$	$\frac{58}{18}$	$\frac{58}{22}$	$\frac{88}{33}$
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$\frac{56}{11}$	$\frac{54}{8}$	$\frac{57}{8}$	$\frac{60}{11}$
-----------------	----------------	----------------	-----------------

$\frac{87}{33}$	$\frac{88}{20}$	$\frac{58}{13}$	$\frac{56}{11}$	$\frac{52}{8}$	$\frac{55}{8}$	$\frac{58}{11}$	$\frac{65}{14}$	$\frac{82}{18}$	$\frac{88}{23}$	$\frac{88}{33}$
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$\frac{59}{11}$	$\frac{50}{8}$	$\frac{53}{8}$	$\frac{58}{11}$
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$\frac{85}{33}$	$\frac{89}{22}$	$\frac{57}{15}$	$\frac{52}{11}$	$\frac{48}{7}$	$\frac{51}{7}$	$\frac{55}{11}$	$\frac{86}{19}$	$\frac{91}{25}$	$\frac{93}{33}$
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$\frac{48}{11}$	$\frac{45}{8}$	$\frac{48}{8}$	$\frac{52}{11}$
-----------------	----------------	----------------	-----------------

$\frac{86}{33}$	$\frac{88}{25}$	$\frac{56}{18}$	$\frac{46}{11}$	$\frac{42}{8}$	$\frac{45}{8}$	$\frac{48}{11}$	$\frac{82}{19}$	$\frac{89}{26}$	$\frac{89}{33}$
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$\frac{42}{11}$	$\frac{37}{80}$	$\frac{40}{80}$	$\frac{46}{11}$
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$\frac{75}{33}$	$\frac{76}{21}$	$\frac{42}{16}$	$\frac{35}{11}$	$\frac{31}{8}$	$\frac{33}{8}$	$\frac{38}{11}$	$\frac{76}{18}$	$\frac{52}{26}$	$\frac{82}{33}$
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Sta	+	π ✓	-	Elev
		916.40		
88	+25			09.9
	+50			10.6
	+75			11.1
89				11.5
	+25			11.9
	+50	✓		12.3
T.P.	12.93	924.11 ✓	5.22	911.18 ✓
	+75			12.6
90				13.0
	+25			13.4
	+50			13.7
	+75			14.0

Lt

E

Rt

$$\frac{6.7}{11}$$

$$\frac{6.5}{7}$$

$$\frac{6.6}{7}$$

$$\frac{7.2}{11}$$

$$\frac{8.2}{33}$$

$$\frac{8.3}{21}$$

$$\frac{6.5}{16}$$

$$\frac{6.2}{11}$$

$$\frac{5.8}{7}$$

$$\frac{6.0}{7}$$

$$\frac{6.5}{11}$$

$$\frac{9.8}{18}$$

$$\frac{10.3}{23}$$

$$\frac{10.3}{33}$$

$$\frac{5.7}{11}$$

$$\frac{5.3}{7}$$

$$\frac{5.6}{7}$$

$$\frac{5.9}{11}$$

$$\frac{5.5}{33}$$

$$\frac{6.6}{20}$$

$$\frac{7.2}{16}$$

$$\frac{5.7}{18}$$

$$\frac{5.3}{11}$$

$$\frac{4.9}{7}$$

$$\frac{5.2}{7}$$

$$\frac{5.5}{10}$$

$$\frac{6.2}{11}$$

$$\frac{10.2}{18}$$

$$\frac{10.7}{23}$$

$$\frac{10.7}{33}$$

$$\frac{9.8}{11}$$

$$\frac{9.5}{7}$$

$$\frac{9.7}{7}$$

$$\frac{5.3}{10}$$

$$\frac{6.0}{11}$$

$$\frac{1.4}{33}$$

$$\frac{3.0}{29}$$

$$\frac{4.6}{24}$$

$$\frac{5.5}{18}$$

$$\frac{5.8}{17}$$

$$\frac{4.9}{14}$$

$$\frac{9.5}{11}$$

$$\frac{4.1}{7}$$

$$\frac{4.3}{7}$$

$$\frac{4.9}{11}$$

$$\frac{6.9}{15}$$

$$\frac{7.6}{33}$$

Top J. End Culv 89.159

$$\frac{11.8}{11}$$

$$\frac{11.5}{8}$$

$$\frac{11.8}{8}$$

$$\frac{12.1}{11}$$

$$\frac{7.6}{50}$$

$$\frac{8.1}{33}$$

$$\frac{8.4}{29}$$

$$\frac{11.3}{23}$$

$$\frac{12.7}{17}$$

$$\frac{12.6}{16}$$

$$\frac{11.7}{13}$$

$$\frac{11.5}{11}$$

$$\frac{11.1}{11}$$

$$\frac{11.3}{8}$$

$$\frac{11.3}{11}$$

$$\frac{11.5}{19}$$

$$\frac{11.0}{33}$$

$$\frac{10.2}{38}$$

$$\frac{10.2}{50}$$

$$\frac{11.1}{11}$$

$$\frac{10.7}{11}$$

$$\frac{10.9}{8}$$

$$\frac{11.1}{11}$$

$$\frac{6.5}{50}$$

$$\frac{6.5}{33}$$

$$\frac{6.5}{22}$$

$$\frac{11.5}{16}$$

$$\frac{11.5}{14}$$

$$\frac{10.6}{11}$$

$$\frac{10.4}{11}$$

$$\frac{10.8}{9}$$

$$\frac{11.0}{11}$$

$$\frac{11.2}{13}$$

$$\frac{12.1}{16}$$

$$\frac{8.3}{20}$$

$$\frac{6.4}{25}$$

$$\frac{8.1}{50}$$

$$\frac{10.5}{11}$$

$$\frac{10.1}{11}$$

$$\frac{10.6}{9}$$

$$\frac{10.7}{11}$$

Sta	+	π ✓	-	Elev
		924.11		

91 + 0.0

14.1.

+ 2.5

14.3.

+ 5.0

14.4.

+ 7.5

14.5.

92 + 0.0

14.5.

+ 2.5

14.4.

+ 5.0

14.3.

+ 7.5

14.1.

93 + 0.0

13.9.

+ 2.5

13.5.

+ 5.0

$\frac{13.0}{14.0}$

Calv.

+36 Calv

$\frac{13.7}{14.5}$

$\frac{13.4}{50}$

13.1.

ht

L

Rt

$\frac{4.2}{50}$	$\frac{4.5}{33}$	$\frac{4.8}{24}$	$\frac{11.3}{16}$	$\frac{11.3}{14}$	$\frac{10.4}{13}$	$\frac{10.3}{11}$	$\frac{10.0}{11}$	$\frac{10.2}{9}$	$\frac{10.4}{11}$	$\frac{11.0}{15}$	$\frac{3.1}{27}$	$\frac{3.4}{50}$
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$\frac{10.2}{11}$	$\frac{9.8}{11}$	$\frac{10.1}{9}$	$\frac{10.2}{11}$
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$\frac{1.4}{50}$	$\frac{1.8}{33}$	$\frac{2.0}{28}$	$\frac{10.8}{16}$	$\frac{10.8}{14}$	$\frac{10.1}{13}$	$\frac{10.0}{11}$	$\frac{9.7}{11}$	$\frac{10.0}{9}$	$\frac{10.0}{11}$	$\frac{11.0}{14}$	$\frac{3.8}{23}$	$\frac{5.4}{50}$
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$\frac{10.0}{11}$	$\frac{9.6}{11}$	$\frac{9.9}{9}$	$\frac{10.0}{11}$
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$\frac{3.3}{50}$	$\frac{4.1}{33}$	$\frac{4.8}{25}$	$\frac{10.9}{16}$	$\frac{10.9}{14}$	$\frac{10.0}{13}$	$\frac{10.1}{11}$	$\frac{9.9}{9}$	$\frac{9.6}{11}$	$\frac{9.9}{9}$	$\frac{9.9}{11}$	$\frac{10.4}{14}$	$\frac{11.1}{16}$	$\frac{7.0}{24}$	$\frac{8.1}{50}$
------------------	------------------	------------------	-------------------	-------------------	-------------------	-------------------	-----------------	------------------	-----------------	------------------	-------------------	-------------------	------------------	------------------

$\frac{10.1}{11}$	$\frac{10.0}{9}$	$\frac{9.7}{11}$	$\frac{9.9}{9}$	$\frac{9.9}{11}$
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$\frac{3.4}{50}$	$\frac{3.7}{33}$	$\frac{4.2}{25}$	$\frac{11.1}{16}$	$\frac{11.1}{14}$	$\frac{10.1}{13}$	$\frac{10.1}{11}$	$\frac{10.1}{9}$	9.8	$\frac{10.0}{9}$	$\frac{10.1}{11}$	$\frac{10.2}{13}$	$\frac{11.2}{15}$	$\frac{6.5}{23}$	$\frac{7.3}{50}$
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$\frac{10.3}{11}$	$\frac{10.2}{9}$	$\frac{10.0}{11}$	$\frac{10.2}{9}$	$\frac{10.3}{11}$
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$\frac{4.5}{50}$	$\frac{4.6}{33}$	$\frac{4.9}{23}$	$\frac{11.1}{15}$	$\frac{10.6}{11}$	$\frac{10.6}{9}$	$\frac{10.2}{11}$	$\frac{10.5}{9}$	$\frac{10.6}{11}$	$\frac{10.6}{12}$	$\frac{11.1}{14}$	$\frac{6.1}{22}$	$\frac{6.2}{50}$
------------------	------------------	------------------	-------------------	-------------------	------------------	-------------------	------------------	-------------------	-------------------	-------------------	------------------	------------------

$\frac{11.0}{11}$	$\frac{11.0}{9}$	$\frac{10.6}{11}$	$\frac{10.8}{9}$	$\frac{10.9}{11}$
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$\frac{9.2}{33}$	$\frac{9.2}{33}$	$\frac{8.1}{21}$	$\frac{12.6}{15}$	$\frac{11.7}{14}$	$\frac{11.3}{11}$	$\frac{11.5}{9}$	$\frac{11.0}{11}$	$\frac{11.2}{9}$	$\frac{11.3}{11}$	$\frac{11.8}{15}$	$\frac{8.3}{22}$	$\frac{7.7}{50}$
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Sta.	+	π ✓	-	Elev
		724.11		

93 + 75				12.8
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94 + 00				12.2
---------	--	--	--	------

TP	5.58	917.76	11.93	912.8
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25				11.8
----	--	--	--	------

+50				11.3
-----	--	--	--	------

+75				11.0
-----	--	--	--	------

BM	9.40	917.82	9.40	908.32 ✓ 908.36
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95 + 00				10.7
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+25				10.3
-----	--	--	--	------

+50				10.0
-----	--	--	--	------

+75				09.5
-----	--	--	--	------

96 + 00				09.0
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TP	4.83	913.46	9.19	908.63 ✓
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+25				08.7
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Lt

Rt

Rt

$$\begin{array}{r} 11.9 \\ 11 \end{array} \quad \begin{array}{r} 11.8 \\ 9 \end{array} \quad \begin{array}{r} 11.3 \\ 11 \end{array} \quad \begin{array}{r} 11.8 \\ 9 \end{array} \quad \begin{array}{r} 11.8 \\ 11 \end{array}$$

$$\begin{array}{r} 12.3 \\ 50 \end{array} \quad \begin{array}{r} 11.8 \\ 33 \end{array} \quad \begin{array}{r} 10.7 \\ 20 \end{array} \quad \begin{array}{r} 13.1 \\ 15 \end{array} \quad \begin{array}{r} 12.4 \\ 11 \end{array} \quad \begin{array}{r} 12.2 \\ 9 \end{array} \quad \begin{array}{r} 11.9 \\ 11 \end{array} \quad \begin{array}{r} 12.2 \\ 9 \end{array} \quad \begin{array}{r} 12.3 \\ 11 \end{array} \quad \begin{array}{r} 12.5 \\ 14 \end{array} \quad \begin{array}{r} 7.8 \\ 17 \end{array} \quad \begin{array}{r} 7.3 \\ 29 \end{array} \quad \begin{array}{r} 7.3 \\ 50 \end{array}$$

$$\begin{array}{r} 6.6 \\ 11 \end{array} \quad \begin{array}{r} 6.3 \\ 9 \end{array} \quad \begin{array}{r} 6.0 \\ 11 \end{array} \quad \begin{array}{r} 6.3 \\ 9 \end{array} \quad \begin{array}{r} 6.4 \\ 11 \end{array}$$

$$\begin{array}{r} 10.8 \\ 50 \end{array} \quad \begin{array}{r} 9.2 \\ 33 \end{array} \quad \begin{array}{r} 8.4 \\ 24 \end{array} \quad \begin{array}{r} 8.8 \\ 18 \end{array} \quad \begin{array}{r} 7.4 \\ 14 \end{array} \quad \begin{array}{r} 6.7 \\ 11 \end{array} \quad \begin{array}{r} 6.7 \\ 9 \end{array} \quad \begin{array}{r} 6.5 \\ 11 \end{array} \quad \begin{array}{r} 6.8 \\ 9 \end{array} \quad \begin{array}{r} 6.9 \\ 11 \end{array} \quad \begin{array}{r} 7.3 \\ 15 \end{array} \quad \begin{array}{r} 5.5 \\ 18 \end{array} \quad \begin{array}{r} 4.2 \\ 27 \end{array} \quad \begin{array}{r} 3.8 \\ 50 \end{array}$$

$$\begin{array}{r} 7.2 \\ 11 \end{array} \quad \begin{array}{r} 7.2 \\ 9 \end{array} \quad \begin{array}{r} 6.8 \\ 11 \end{array} \quad \begin{array}{r} 7.1 \\ 9 \end{array} \quad \begin{array}{r} 7.2 \\ 11 \end{array}$$

Sph in 8" Oak 25' Lt 94+90

$$\begin{array}{r} 13.3 \\ 50 \end{array} \quad \begin{array}{r} 12.3 \\ 33 \end{array} \quad \begin{array}{r} 10.3 \\ 19 \end{array} \quad \begin{array}{r} 8.1 \\ 14 \end{array} \quad \begin{array}{r} 7.6 \\ 11 \end{array} \quad \begin{array}{r} 7.4 \\ 8 \end{array} \quad \begin{array}{r} 7.1 \\ 11 \end{array} \quad \begin{array}{r} 7.5 \\ 9 \end{array} \quad \begin{array}{r} 7.6 \\ 11 \end{array} \quad \begin{array}{r} 7.7 \\ 16 \end{array} \quad \begin{array}{r} 5.7 \\ 19 \end{array} \quad \begin{array}{r} 4.7 \\ 50 \end{array}$$

$$\begin{array}{r} 7.9 \\ 11 \end{array} \quad \begin{array}{r} 7.7 \\ 8 \end{array} \quad \begin{array}{r} 7.5 \\ 11 \end{array} \quad \begin{array}{r} 7.8 \\ 9 \end{array} \quad \begin{array}{r} 7.9 \\ 11 \end{array}$$

$$\begin{array}{r} 14.5 \\ 50 \end{array} \quad \begin{array}{r} 14.0 \\ 33 \end{array} \quad \begin{array}{r} 12.4 \\ 21 \end{array} \quad \begin{array}{r} 9.1 \\ 14 \end{array} \quad \begin{array}{r} 8.3 \\ 11 \end{array} \quad \begin{array}{r} 8.1 \\ 8 \end{array} \quad \begin{array}{r} 7.8 \\ 11 \end{array} \quad \begin{array}{r} 8.1 \\ 9 \end{array} \quad \begin{array}{r} 8.3 \\ 11 \end{array} \quad \begin{array}{r} 8.7 \\ 15 \end{array} \quad \begin{array}{r} 7.0 \\ 18 \end{array} \quad \begin{array}{r} 4.5 \\ 50 \end{array}$$

$$\begin{array}{r} 8.9 \\ 11 \end{array} \quad \begin{array}{r} 8.7 \\ 10 \end{array} \quad \begin{array}{r} 8.6 \\ 8 \end{array} \quad \begin{array}{r} 8.3 \\ 11 \end{array} \quad \begin{array}{r} 8.5 \\ 9 \end{array} \quad \begin{array}{r} 8.6 \\ 11 \end{array}$$

$$\begin{array}{r} 16.0 \\ 50 \end{array} \quad \begin{array}{r} 15.8 \\ 33 \end{array} \quad \begin{array}{r} 15.1 \\ 22 \end{array} \quad \begin{array}{r} 9.4 \\ 11 \end{array} \quad \begin{array}{r} 9.1 \\ 8 \end{array} \quad \begin{array}{r} 8.8 \\ 11 \end{array} \quad \begin{array}{r} 9.0 \\ 9 \end{array} \quad \begin{array}{r} 9.1 \\ 12 \end{array} \quad \begin{array}{r} 9.8 \\ 16 \end{array} \quad \begin{array}{r} 7.0 \\ 50 \end{array}$$

$$\begin{array}{r} 5.5 \\ 11 \end{array} \quad \begin{array}{r} 5.8 \\ 8 \end{array} \quad \begin{array}{r} 4.83 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 9 \end{array} \quad \begin{array}{r} 5.2 \\ 11 \end{array}$$

Sta.	+	π ✓	-	Elev
		913.46.		

+ 50

18.3.

+ 75

08.0.

97+ 00

07.7.

+ 25

07.5.

+ 50

07.4.

+ 75

07.3.

98+ 00

07.5.

+ 25

07.9.

+ 50

08.2.

+ 75

08.4.

99+ 00

08.7.

Lt

E

Rt

$$\frac{12.5}{50} \quad \frac{11.9}{33} \quad \frac{10.9}{20} \quad \frac{7.4}{14} \quad \frac{6.3}{11} \quad \frac{5.7}{10} \quad \frac{5.5}{8} \quad \frac{5.2}{10} \quad \frac{5.4}{10} \quad \frac{5.6}{11} \quad \frac{6.1}{14} \quad \frac{7.3}{17} \quad \frac{7.2}{23} \quad \frac{5.2}{30} \quad \frac{3.4}{50}$$

$$\frac{6.1}{11} \quad \frac{5.8}{8} \quad \frac{5.5}{10} \quad \frac{5.8}{10} \quad \frac{6.9}{11}$$

$$\frac{12.3}{50} \quad \frac{12.3}{33} \quad \frac{11.4}{22} \quad \frac{7.0}{13} \quad \frac{6.2}{11} \quad \frac{6.0}{7} \quad \frac{5.8}{10} \quad \frac{6.1}{10} \quad \frac{6.2}{11} \quad \frac{6.5}{13} \quad \frac{8.1}{16} \quad \frac{7.3}{21} \quad \frac{6.3}{31} \quad \frac{4.5}{33} \quad \frac{4.0}{50}$$

$$\frac{6.5}{11} \quad \frac{6.2}{8} \quad \frac{6.0}{10} \quad \frac{6.3}{10} \quad \frac{6.5}{11}$$

$$\frac{10.4}{33} \quad \frac{10.4}{33} \quad \frac{9.4}{17} \quad \frac{6.6}{11} \quad \frac{6.3}{7} \quad \frac{6.1}{10} \quad \frac{6.5}{10} \quad \frac{6.7}{11} \quad \frac{7.2}{14} \quad \frac{9.0}{20} \quad \frac{8.9}{27} \quad \frac{4.8}{34} \quad \frac{4.0}{50}$$

$$\frac{6.6}{11} \quad \frac{6.4}{8} \quad \frac{6.2}{10} \quad \frac{6.4}{10} \quad \frac{6.6}{11}$$

$$\frac{11.8}{50} \quad \frac{11.8}{33} \quad \frac{11.2}{20} \quad \frac{6.8}{11} \quad \frac{6.3}{8} \quad \frac{6.0}{10} \quad \frac{6.3}{10} \quad \frac{6.4}{11} \quad \frac{6.9}{14} \quad \frac{8.2}{18} \quad \frac{8.0}{26} \quad \frac{5.0}{33} \quad \frac{3.9}{50}$$

$$\frac{6.5}{11} \quad \frac{6.1}{8} \quad \frac{5.6}{9} \quad \frac{6.0}{9} \quad \frac{6.1}{11}$$

$$\frac{11.1}{50} \quad \frac{10.6}{33} \quad \frac{9.6}{20} \quad \frac{6.3}{13} \quad \frac{6.0}{11} \quad \frac{5.7}{8} \quad \frac{5.3}{10} \quad \frac{5.6}{9} \quad \frac{5.8}{11} \quad \frac{5.8}{12} \quad \frac{7.3}{18} \quad \frac{7.2}{26} \quad \frac{3.9}{33} \quad \frac{3.0}{50}$$

$$\frac{5.5}{11} \quad \frac{5.4}{8} \quad \frac{5.1}{9} \quad \frac{5.4}{9} \quad \frac{5.4}{11}$$

$$\frac{9.7}{50} \quad \frac{8.9}{33} \quad \frac{8.8}{22} \quad \frac{5.6}{16} \quad \frac{5.3}{11} \quad \frac{5.2}{8} \quad \frac{4.8}{9} \quad \frac{5.1}{9} \quad \frac{5.1}{11} \quad \frac{5.1}{16} \quad \frac{5.7}{26} \quad \frac{2.9}{32} \quad \frac{2.0}{50}$$

Sta	+	Δ ✓	-	Elev
		913.46		
99+25				09.0.
+50				09.5.
+75				09.9.
100+00				10.4. ✓
TP	10.34	✓ 923.21	0.59	912.87 ✓
+25				10.9.
+50				11.5.
+75				12.2.
101+00				12.9.
+25				13.5.
+50				14.2.
+75				15.0.

LH

L

RL

$$\begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 4.9 \\ 9 \end{array} \quad \begin{array}{r} 4.5 \\ 11 \end{array} \quad \begin{array}{r} 4.7 \\ 8 \end{array} \quad \begin{array}{r} 4.7 \\ 11 \end{array}$$

$$\begin{array}{r} 10.2 \\ 50 \end{array} \quad \begin{array}{r} 9.8 \\ 33 \end{array} \quad \begin{array}{r} 8.9 \\ 23 \end{array} \quad \begin{array}{r} 5.0 \\ 15 \end{array} \quad \begin{array}{r} 4.7 \\ 11 \end{array} \quad \begin{array}{r} 4.5 \\ 9 \end{array} \quad \begin{array}{r} 4.0 \\ 11 \end{array} \quad \begin{array}{r} 4.1 \\ 8 \end{array} \quad \begin{array}{r} 4.1 \\ 11 \end{array} \quad \begin{array}{r} 3.7 \\ 16 \end{array} \quad \begin{array}{r} 4.6 \\ 18 \end{array} \quad \begin{array}{r} 4.7 \\ 20 \end{array} \quad \begin{array}{r} 3.2 \\ 23 \end{array} \quad \begin{array}{r} 1.9 \\ 50 \end{array}$$

$$\begin{array}{r} 4.2 \\ 11 \end{array} \quad \begin{array}{r} 4.1 \\ 10 \end{array} \quad \begin{array}{r} 3.6 \\ 11 \end{array} \quad \begin{array}{r} 3.7 \\ 11 \end{array}$$

$$\begin{array}{r} 9.5 \\ 50 \end{array} \quad \begin{array}{r} 8.4 \\ 33 \end{array} \quad \begin{array}{r} 7.1 \\ 21 \end{array} \quad \begin{array}{r} 3.8 \\ 16 \end{array} \quad \begin{array}{r} 3.7 \\ 11 \end{array} \quad \begin{array}{r} 3.6 \\ 10 \end{array} \quad \begin{array}{r} 3.1 \\ 11 \end{array} \quad \begin{array}{r} 3.2 \\ 8 \end{array} \quad \begin{array}{r} 3.3 \\ 11 \end{array} \quad \begin{array}{r} 3.3 \\ 12 \end{array} \quad \begin{array}{r} 4.0 \\ 14 \end{array} \quad \begin{array}{r} 2.3 \\ 27 \end{array} \quad \begin{array}{r} 0.2 \\ 50 \end{array}$$

$$\begin{array}{r} 12.9 \\ 11 \end{array} \quad \begin{array}{r} 12.8 \\ 10 \end{array} \quad \begin{array}{r} 12.9 \\ 11 \end{array} \quad \begin{array}{r} 12.5 \\ 8 \end{array} \quad \begin{array}{r} 12.6 \\ 11 \end{array}$$

$$\begin{array}{r} 19.0 \\ 50 \end{array} \quad \begin{array}{r} 17.6 \\ 33 \end{array} \quad \begin{array}{r} 15.9 \\ 23 \end{array} \quad \begin{array}{r} 12.2 \\ 17 \end{array} \quad \begin{array}{r} 12.5 \\ 11 \end{array} \quad \begin{array}{r} 11.7 \\ 11 \end{array} \quad \begin{array}{r} 11.9 \\ 8 \end{array} \quad \begin{array}{r} 12.0 \\ 11 \end{array} \quad \begin{array}{r} 12.4 \\ 13 \end{array} \quad \begin{array}{r} 11.9 \\ 19 \end{array} \quad \begin{array}{r} 10.0 \\ 25 \end{array} \quad \begin{array}{r} 7.5 \\ 50 \end{array}$$

$$\begin{array}{r} 11.5 \\ 11 \end{array} \quad \begin{array}{r} 11.0 \\ 11 \end{array} \quad \begin{array}{r} 11.2 \\ 8 \end{array} \quad \begin{array}{r} 11.4 \\ 11 \end{array}$$

$$\begin{array}{r} 16.6 \\ 50 \end{array} \quad \begin{array}{r} 15.1 \\ 33 \end{array} \quad \begin{array}{r} 13.2 \\ 21 \end{array} \quad \begin{array}{r} 11.3 \\ 15 \end{array} \quad \begin{array}{r} 10.7 \\ 11 \end{array} \quad \begin{array}{r} 10.6 \\ 10 \end{array} \quad \begin{array}{r} 10.3 \\ 11 \end{array} \quad \begin{array}{r} 10.7 \\ 8 \end{array} \quad \begin{array}{r} 10.8 \\ 11 \end{array} \quad \begin{array}{r} 11.1 \\ 15 \end{array} \quad \begin{array}{r} 7.8 \\ 21 \end{array} \quad \begin{array}{r} 5.6 \\ 50 \end{array}$$

$$\begin{array}{r} 9.9 \\ 11 \end{array} \quad \begin{array}{r} 9.8 \\ 9 \end{array} \quad \begin{array}{r} 9.7 \\ 11 \end{array} \quad \begin{array}{r} 10.1 \\ 9 \end{array} \quad \begin{array}{r} 10.2 \\ 11 \end{array}$$

$$\begin{array}{r} 15.0 \\ 50 \end{array} \quad \begin{array}{r} 13.8 \\ 33 \end{array} \quad \begin{array}{r} 10.1 \\ 21 \end{array} \quad \begin{array}{r} 7.5 \\ 11 \end{array} \quad \begin{array}{r} 7.1 \\ 9 \end{array} \quad \begin{array}{r} 9.0 \\ 11 \end{array} \quad \begin{array}{r} 9.3 \\ 9 \end{array} \quad \begin{array}{r} 8.4 \\ 11 \end{array} \quad \begin{array}{r} 7.8 \\ 16 \end{array} \quad \begin{array}{r} 6.0 \\ 21 \end{array} \quad \begin{array}{r} 9.1 \\ 50 \end{array}$$

$$\begin{array}{r} 8.6 \\ 11 \end{array} \quad \begin{array}{r} 8.4 \\ 9 \end{array} \quad \begin{array}{r} 8.2 \\ 11 \end{array} \quad \begin{array}{r} 8.4 \\ 9 \end{array} \quad \begin{array}{r} 8.5 \\ 11 \end{array}$$

Sta.	+	1 ✓	-	Elev
		983.21		

102+00

15.8.

+25

16.6.

+50

17.3.

+75

18.1.

I.P

11.36

980.06 ✓

4.51

918.10 ✓

103

18.7.

+25

19.2.

+50

19.7.

+75

20.4

104

21.1

+25

21.9

+50

22.6

L_tR_tR_t

$\frac{130}{50}$	$\frac{112}{33}$	$\frac{102}{26}$	$\frac{77}{15}$	$\frac{78}{11}$	$\frac{76}{9}$	$\frac{74}{9}$	$\frac{76}{9}$	$\frac{76}{11}$	$\frac{80}{17}$	$\frac{38}{23}$	$\frac{23}{50}$
------------------	------------------	------------------	-----------------	-----------------	----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------

$\frac{70}{11}$	$\frac{69}{9}$	$\frac{66}{9}$	$\frac{68}{9}$	$\frac{70}{11}$
-----------------	----------------	----------------	----------------	-----------------

$\frac{55}{50}$	$\frac{74}{33}$	$\frac{56}{17}$	$\frac{63}{15}$	$\frac{63}{11}$	$\frac{61}{9}$	59	$\frac{62}{9}$	$\frac{64}{11}$	$\frac{63}{16}$	$\frac{13}{23}$	$\frac{00}{50}$
-----------------	-----------------	-----------------	-----------------	-----------------	----------------	----	----------------	-----------------	-----------------	-----------------	-----------------

$\frac{55}{11}$	$\frac{54}{9}$	$\frac{51}{9}$	$\frac{55}{10}$	$\frac{55}{11}$
-----------------	----------------	----------------	-----------------	-----------------

$\frac{130}{50}$	$\frac{112}{33}$	$\frac{103}{16}$	$\frac{115}{15}$	$\frac{112}{11}$	$\frac{115}{8}$	$\frac{114}{9}$	$\frac{117}{10}$	$\frac{117}{11}$	$\frac{114}{17}$	$\frac{8.5}{24}$	$\frac{7.5}{50}$
------------------	------------------	------------------	------------------	------------------	-----------------	-----------------	------------------	------------------	------------------	------------------	------------------

$\frac{111}{11}$	$\frac{110}{80}$	$\frac{109}{9}$	$\frac{111}{10}$	$\frac{111}{11}$
------------------	------------------	-----------------	------------------	------------------

$\frac{122}{50}$	$\frac{115}{33}$	$\frac{101}{17}$	$\frac{107}{18}$	$\frac{105}{8.0}$	$\frac{104}{9}$	$\frac{105}{9}$	$\frac{106}{11}$	$\frac{105}{16}$	$\frac{7.6}{21}$	$\frac{6.6}{50}$
------------------	------------------	------------------	------------------	-------------------	-----------------	-----------------	------------------	------------------	------------------	------------------

$\frac{101}{11}$	$\frac{97}{8}$	$\frac{97}{9}$	$\frac{97}{9}$	$\frac{100}{11}$
------------------	----------------	----------------	----------------	------------------

$\frac{105}{50}$	$\frac{85}{33}$	$\frac{89}{18}$	$\frac{95}{16}$	$\frac{75}{11}$	$\frac{72}{8}$	$\frac{90}{9}$	$\frac{93}{9}$	$\frac{94}{11}$	$\frac{91}{16}$	$\frac{64}{21}$	$\frac{54}{50}$
------------------	-----------------	-----------------	-----------------	-----------------	----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------

$\frac{87}{11}$	$\frac{85}{9}$	$\frac{82}{9}$	$\frac{86}{9}$	$\frac{86}{11}$
-----------------	----------------	----------------	----------------	-----------------

$\frac{62}{50}$	$\frac{52}{33}$	$\frac{56}{20}$	$\frac{80}{16}$	$\frac{80}{11}$	$\frac{78}{9}$	$\frac{75}{9}$	$\frac{79}{9}$	$\frac{79}{11}$	$\frac{77}{16}$	$\frac{56}{20}$	$\frac{55}{50}$
-----------------	-----------------	-----------------	-----------------	-----------------	----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------

Sta	+	π	-	Elev
		930.06		

104	+ 75	23.2
-----	------	------

105				27.8
-----	--	--	--	------

423				27.5
-----	--	--	--	------

450				25.1
-----	--	--	--	------

+75				25.6
-----	--	--	--	------

126				26.0
-----	--	--	--	------

+25				20.2
-----	--	--	--	------

+50					26.3
-----	--	--	--	--	------

T.P.	398	926.08
------	-----	--------

+75					26.5
-----	--	--	--	--	------

107				26.8
-----	--	--	--	------

+25				27.2
-----	--	--	--	------

Lt

%

Rt

$$\frac{73}{11} \quad \frac{72}{9} \quad \frac{69}{9} \quad \frac{72}{9} \quad \frac{74}{11}$$

$$L.O. \quad \frac{49}{33} \quad \frac{54}{19} \quad \frac{67}{16} \quad \frac{67}{11} \quad \frac{66}{9} \quad \frac{69}{9} \quad \frac{66}{9} \quad \frac{68}{11} \quad \frac{66}{16} \quad \frac{67}{21} \quad \frac{70}{50}$$

$$\frac{61}{11} \quad \frac{60}{9} \quad \frac{56}{9} \quad \frac{60}{9} \quad \frac{61}{11}$$

$$L.O. \quad \frac{91}{33} \quad \frac{56}{14} \quad \frac{54}{11} \quad \frac{53}{9} \quad \frac{50}{9} \quad \frac{54}{9} \quad \frac{55}{11} \quad \frac{58}{14} \quad \frac{61}{33} \quad L.O.$$

$$\frac{50}{11} \quad \frac{49}{10} \quad \frac{46}{9} \quad \frac{49}{9} \quad \frac{50}{11}$$

$$\frac{43}{50} \quad \frac{40}{33} \quad \frac{49}{15} \quad \frac{46}{11} \quad \frac{41}{8} \quad \frac{44}{8} \quad \frac{45}{11} \quad \frac{51}{19} \quad \frac{55}{33}$$

$$\frac{48}{11} \quad \frac{39}{9} \quad \frac{41}{7} \quad \frac{43}{11}$$

$$L.O. \quad \frac{39}{33} \quad \frac{46}{18} \quad \frac{42}{11} \quad \frac{38}{9} \quad \frac{40}{8} \quad \frac{40}{11} \quad \frac{43}{23} \quad \frac{46}{33} \quad L.O.$$

Top Mant + 54.9

$$\frac{39}{11} \quad \frac{36}{9} \quad \frac{33}{8} \quad \frac{39}{11}$$

$$\frac{27}{50} \quad \frac{30}{33} \quad \frac{38}{18} \quad \frac{36}{11} \quad \frac{33}{8} \quad \frac{35}{8} \quad \frac{35}{11} \quad \frac{42}{16} \quad \frac{45}{33}$$

$$\frac{32}{11} \quad \frac{29}{8} \quad \frac{33}{8} \quad \frac{33}{11}$$

Stg + A ✓ - Elev
930.06

107 +50 27.6

+75 27.9

T.P. 7.22 935.40 ✓ 1.88 929.18 ✓

108 28.2

+25 28.3

+50 28.4

B.M. 123 935.40 ✓ 1.73 933.65
933.67 ✓

+75 28.4

109 28.5

+25 28.5

+50 28.6

+75 28.7

110 28.7

Lt

E

Rt

$$\frac{28}{11} \quad \frac{25}{7} \quad \frac{27}{7} \quad \frac{29}{11}$$

$$\frac{39}{50} \quad \frac{19}{33} \quad \frac{21}{18} \quad \frac{25}{11} \quad \frac{22}{9} \quad \frac{23}{11} \quad \frac{23}{21} \quad \frac{20}{33} \quad L.O.$$

$$\frac{57}{50} \quad \frac{62}{33} \quad \frac{75}{18} \quad \frac{76}{11} \quad \frac{72}{7} \quad \frac{74}{7} \quad \frac{76}{11} \quad \frac{52}{21} \quad \frac{49}{33} \quad L.O.$$

$$\frac{74}{11} \quad \frac{71}{7} \quad \frac{73}{7} \quad \frac{72}{11}$$

$$L.O. \quad \frac{50}{33} \quad \frac{72}{19} \quad \frac{73}{11} \quad \frac{70}{7} \quad \frac{72}{7} \quad \frac{72}{11} \quad \frac{48}{22} \quad \frac{45}{33}$$

Top E Door Sill 77 Rt 5 to 108+65

$$\frac{73}{11} \quad \frac{70}{7} \quad \frac{71}{7} \quad \frac{72}{11}$$

$$L.O. \quad \frac{52}{33} \quad \frac{71}{18} \quad \frac{72}{11} \quad \frac{69}{7} \quad \frac{70}{7} \quad \frac{68}{11} \quad \frac{63}{33} \quad \frac{58}{50}$$

$$\frac{72}{11} \quad \frac{69}{7} \quad \frac{70}{7} \quad \frac{69}{11}$$

$$L.O. \quad \frac{42}{33} \quad \frac{71}{19} \quad \frac{71}{11} \quad \frac{68}{7} \quad \frac{72}{7} \quad \frac{69}{11} \quad \frac{62}{16} \quad \frac{49}{33} \quad \frac{48}{50}$$

$$\frac{70}{11} \quad \frac{67}{7} \quad \frac{69}{7} \quad \frac{68}{11}$$

$$\frac{32}{50} \quad \frac{33}{33} \quad \frac{66}{19} \quad \frac{70}{11} \quad \frac{67}{7} \quad \frac{68}{7} \quad \frac{68}{11} \quad \frac{61}{18} \quad \frac{51}{33} \quad \frac{51}{50}$$

Sta + π ✓ - Elev

935.40

110 +25

28.7

+50

28.8

+75

28.9

111

29.0

+25

29.0

+50

29.1

+75

29.0

112

28.9

+25

28.7

+50

28.4

+75

28.1

Lt

R

Rt

$$\frac{70}{11} \quad \frac{67}{11} \quad \frac{67}{7} \quad \frac{68}{11}$$

$$L.O. \quad \frac{33}{33} \quad \frac{66}{17} \quad \frac{69}{11} \quad \frac{66}{7} \quad \frac{66}{11} \quad \frac{58}{17} \quad \frac{51}{35} \quad \frac{51}{50}$$

$$\frac{68}{11} \quad \frac{65}{11} \quad \frac{65}{7} \quad \frac{66}{11}$$

$$\frac{49}{50} \quad \frac{39}{33} \quad \frac{66}{18} \quad \frac{67}{11} \quad \frac{66}{10} \quad \frac{64}{11} \quad \frac{64}{7} \quad \frac{65}{11} \quad \frac{58}{17} \quad \frac{54}{33} \quad L.O.$$

$$\frac{67}{11} \quad \frac{64}{11} \quad \frac{69}{7} \quad \frac{65}{11}$$

$$L.O. \quad \frac{48}{33} \quad \frac{62}{25} \quad \frac{67}{11} \quad \frac{66}{10} \quad \frac{63}{11} \quad \frac{64}{8} \quad \frac{65}{11} \quad \frac{60}{17} \quad \frac{62}{33} \quad \frac{66}{50}$$

$$\frac{67}{11} \quad \frac{66}{10} \quad \frac{64}{11} \quad \frac{64}{8} \quad \frac{66}{11}$$

$$\frac{68}{50} \quad \frac{52}{33} \quad \frac{23}{21} \quad \frac{68}{11} \quad \frac{67}{9} \quad \frac{68}{11} \quad \frac{65}{8} \quad \frac{67}{11} \quad \frac{72}{25} \quad \frac{81}{50}$$

$$\frac{71}{11} \quad \frac{70}{8} \quad \frac{67}{11} \quad \frac{65}{8} \quad \frac{70}{11}$$

$$\frac{74}{50} \quad \frac{68}{33} \quad \frac{74}{11} \quad \frac{72}{9} \quad \frac{70}{11} \quad \frac{72}{7} \quad \frac{74}{11} \quad \frac{81}{20} \quad \frac{96}{50}$$

$$\frac{76}{11} \quad \frac{75}{9} \quad \frac{73}{11} \quad \frac{76}{7} \quad \frac{77}{11}$$

Sta + π - Elev

936.40 ✓

113

27.8

+25

27.7

+50

27.6

+75

27.4

114

27.3

T.P.

6.50

933.79 ✓

8.11

927.29 ✓

+25

27.2

+50

27.0

+75

27.0

115

27.1

+25

27.1

+50

27.3

L+

R

R+

$$\frac{79}{50} \quad \frac{79}{33} \quad \frac{82}{20} \quad \frac{82}{15} \quad \frac{79}{11} \quad \frac{78}{10} \quad \frac{76}{11} \quad \frac{78}{10} \quad \frac{80}{11} \quad \frac{91}{20} \quad \frac{107}{50}$$

$$\frac{81}{11} \quad \frac{80}{9} \quad \frac{72}{11} \quad \frac{79}{7} \quad \frac{81}{11}$$

$$L_0 \quad \frac{82}{33} \quad \frac{88}{22} \quad \frac{81}{11} \quad \frac{80}{9} \quad \frac{78}{11} \quad \frac{80}{11} \quad \frac{83}{14} \quad \frac{98}{21} \quad \frac{114}{50}$$

$$\frac{81}{11} \quad \frac{80}{8} \quad \frac{80}{11} \quad \frac{81}{11}$$

$$\frac{93}{50} \quad \frac{91}{33} \quad \frac{94}{19} \quad \frac{84}{14} \quad \frac{83}{11} \quad \frac{82}{8} \quad \frac{81}{11} \quad \frac{83}{11} \quad \frac{87}{14} \quad \frac{102}{21} \quad \frac{113}{50}$$

$$\frac{69}{11} \quad \frac{67}{8} \quad \frac{66}{11} \quad \frac{68}{10} \quad \frac{68}{11}$$

$$L_0 \quad \frac{91}{33} \quad \frac{92}{18} \quad \frac{71}{11} \quad \frac{69}{7} \quad \frac{68}{11} \quad \frac{70}{11} \quad \frac{74}{14} \quad \frac{97}{18} \quad \frac{101}{28} \quad \frac{90}{50}$$

$$\frac{73}{11} \quad \frac{70}{7} \quad \frac{68}{11} \quad \frac{71}{11}$$

$$L_0 \quad \frac{103}{33} \quad \frac{108}{24} \quad \frac{98}{15} \quad \frac{73}{11} \quad \frac{69}{7} \quad \frac{67}{11} \quad \frac{70}{11} \quad \frac{74}{15} \quad \frac{90}{18} \quad \frac{97}{25} \quad \frac{87}{50}$$

$$\frac{73}{11} \quad \frac{67}{7} \quad \frac{67}{11} \quad \frac{69}{11}$$

$$\frac{110}{50} \quad \frac{115}{33} \quad \frac{101}{19} \quad \frac{71}{14} \quad \frac{69}{11} \quad \frac{65}{7} \quad \frac{65}{11} \quad \frac{67}{11} \quad \frac{70}{15} \quad \frac{83}{18} \quad \frac{91}{25} \quad \frac{86}{50}$$

Sta + π — Elev
 $\checkmark$
 933.79

115 + 75 27.4

116 11. $\frac{12.4}{\text{CON.}}$ $\frac{11.0}{\text{CON.}}$ R+ 27.5

+25 27.5

+50 27.6

+75 27.9

117 28.1

+25 28.2

+50 28.3

+75 28.5

118 28.6

+25 28.6

L1

K

R1

$$\frac{68}{11} \quad \frac{64}{7} \quad \frac{64}{11} \quad \frac{66}{11}$$

$$L0 \quad \frac{11.5}{33} \quad \frac{9.9}{17} \quad \frac{6.9}{11} \quad \frac{6.4}{7} \quad 6.9 \quad \frac{6.6}{11} \quad \frac{7.2}{15} \quad \frac{9.3}{19} \quad \frac{10.0}{28} \quad \frac{9.2}{50}$$

$$\frac{6.9}{11} \quad \frac{6.3}{7} \quad \frac{6.2}{11} \quad \frac{6.5}{11}$$

$$L0 \quad \frac{11.8}{33} \quad \frac{10.9}{20} \quad \frac{6.7}{11} \quad \frac{6.2}{7} \quad \frac{6.2}{11} \quad \frac{6.4}{11} \quad \frac{6.4}{13} \quad \frac{8.1}{17} \quad \frac{9.3}{25} \quad \frac{9.3}{50}$$

$$\frac{6.6}{11} \quad \frac{6.1}{7} \quad \frac{5.9}{11} \quad \frac{6.2}{11}$$

$$\frac{7.0}{50} \quad \frac{8.8}{33} \quad \frac{8.3}{19} \quad \frac{6.5}{14} \quad \frac{6.1}{11} \quad \frac{5.9}{7} \quad \frac{5.7}{11} \quad \frac{5.9}{11} \quad \frac{6.2}{14} \quad \frac{8.0}{24} \quad \frac{7.2}{50}$$

$$\frac{6.0}{11} \quad \frac{5.8}{8} \quad \frac{5.6}{11} \quad \frac{5.7}{9} \quad \frac{5.7}{11}$$

$$\frac{7.6}{50} \quad \frac{7.1}{33} \quad \frac{6.7}{22} \quad \frac{5.9}{11} \quad \frac{5.7}{8} \quad \frac{5.5}{11} \quad \frac{5.5}{9} \quad \frac{5.5}{11} \quad \frac{5.5}{23} \quad \frac{5.6}{50}$$

$$\frac{5.7}{11} \quad \frac{5.6}{8} \quad \frac{5.3}{11} \quad \frac{5.4}{9} \quad \frac{5.4}{11}$$

$$L0 \quad \frac{6.8}{33} \quad \frac{5.4}{17} \quad \frac{5.6}{11} \quad \frac{5.5}{9} \quad \frac{5.2}{11} \quad \frac{5.4}{9} \quad \frac{5.4}{11} \quad \frac{4.7}{16} \quad \frac{4.2}{30} \quad \frac{2.6}{50}$$

$$\frac{5.6}{11} \quad \frac{5.5}{9} \quad \frac{5.2}{11} \quad \frac{5.3}{9} \quad \frac{5.2}{11}$$

Sta	+	π ✓	-	Elev.
		933.79		

118	+50			28.8
-----	-----	--	--	------

	+75			28.9
--	-----	--	--	------

119				29.0
-----	--	--	--	------

	+25			29.1
--	-----	--	--	------

	+50			29.2
--	-----	--	--	------

	+75			29.2
--	-----	--	--	------

120				29.4
-----	--	--	--	------

	+25			29.5
--	-----	--	--	------

	+50			29.6
--	-----	--	--	------

	+75			29.7
--	-----	--	--	------

121				29.9 ✓
-----	--	--	--	--------

T.P.	4.67	935.43 ✓	3.03	930.76 ✓
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Lt

L

Rt

$$\frac{59}{50} \quad \frac{49}{33} \quad \frac{46}{16} \quad \frac{55}{11} \quad \frac{54}{9} \quad \frac{50}{9} \quad \frac{51}{8} \quad \frac{50}{11} \quad \frac{44}{14} \quad \frac{40}{24} \quad \frac{30}{50}$$

$$\frac{53}{11} \quad \frac{53}{10} \quad \frac{49}{8} \quad \frac{50}{8} \quad \frac{45}{11}$$

$$\frac{40}{50} \quad \frac{35}{33} \quad \frac{31}{19} \quad \frac{58}{11} \quad \frac{51}{9} \quad \frac{48}{9} \quad \frac{48}{7} \quad \frac{48}{11} \quad \frac{40}{14} \quad \frac{26}{24} \quad \frac{31}{50}$$

$$\frac{50}{11} \quad \frac{50}{9} \quad \frac{47}{8} \quad \frac{48}{8} \quad \frac{48}{11}$$

$$\frac{37}{50} \quad \frac{29}{33} \quad \frac{25}{20} \quad \frac{42}{14} \quad \frac{49}{11} \quad \frac{48}{9} \quad \frac{46}{9} \quad \frac{48}{8} \quad \frac{48}{11} \quad \frac{42}{14} \quad \frac{44}{25} \quad 49$$

$$\frac{47}{11} \quad \frac{46}{8} \quad \frac{46}{9} \quad \frac{46}{9} \quad \frac{46}{11}$$

$$\frac{33}{50} \quad \frac{25}{33} \quad \frac{25}{20} \quad \frac{46}{14} \quad \frac{47}{11} \quad \frac{45}{8} \quad \frac{44}{9} \quad \frac{43}{9} \quad \frac{44}{11} \quad \frac{36}{14} \quad \frac{30}{25} \quad \frac{28}{33} \quad \frac{31}{50}$$

$$\frac{45}{11} \quad \frac{44}{8} \quad \frac{43}{9} \quad \frac{44}{9} \quad \frac{44}{11}$$

$$\frac{37}{50} \quad \frac{27}{33} \quad \frac{30}{17} \quad \frac{44}{14} \quad \frac{45}{11} \quad \frac{44}{8} \quad \frac{42}{9} \quad \frac{43}{9} \quad \frac{44}{11} \quad \frac{41}{14} \quad \frac{44}{25} \quad \frac{50}{50}$$

$$\frac{44}{11} \quad \frac{43}{8} \quad \frac{41}{9} \quad \frac{42}{9} \quad \frac{43}{11}$$

$$\frac{20}{50} \quad \frac{26}{33} \quad \frac{29}{16} \quad \frac{42}{13} \quad \frac{43}{11} \quad \frac{42}{8} \quad \frac{39}{9} \quad \frac{41}{10} \quad \frac{42}{11} \quad \frac{40}{15} \quad \frac{43}{25} \quad \frac{44}{50}$$

Sta	+	↑ ✓ 935.43	-	Elev
-----	---	---------------	---	------

121	+ 25			30.0.
-----	------	--	--	-------

	+ 50			30.1.
--	------	--	--	-------

	+ 75			30.3.
--	------	--	--	-------

122	+ 00			30.3.
-----	------	--	--	-------

	+ 25			30.4.
--	------	--	--	-------

	+ 50			30.5.
--	------	--	--	-------

	+ 75			30.7.
--	------	--	--	-------

123	+ 00			30.9.
-----	------	--	--	-------

BM	3.73	↑ ✓ 935.43	3.73	(931.70) ✓ 931.70.
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	+ 25			30.9.
--	------	--	--	-------

	+ 50			30.9.
--	------	--	--	-------

	+ 75			30.7.
--	------	--	--	-------

Lt

~~£~~

Rt

$$\begin{array}{r} 5.8 \\ 11 \end{array} \quad \begin{array}{r} 5.6 \\ 8 \end{array} \quad \begin{array}{r} 5.4 \\ 10 \end{array} \quad \begin{array}{r} 5.6 \\ 10 \end{array} \quad \begin{array}{r} 5.7 \\ 11 \end{array}$$

$$\begin{array}{r} 4.2 \\ 5.0 \end{array} \quad \begin{array}{r} 4.2 \\ 3.7 \end{array} \quad \begin{array}{r} 4.8 \\ 3.3 \end{array} \quad \begin{array}{r} 5.7 \\ 1.4 \end{array} \quad \begin{array}{r} 5.6 \\ 1.1 \end{array} \quad \begin{array}{r} 5.5 \\ 8 \end{array} \quad \begin{array}{r} 5.3 \\ 10 \end{array} \quad \begin{array}{r} 5.4 \\ 1.1 \end{array} \quad \begin{array}{r} 5.5 \\ 1.1 \end{array} \quad \begin{array}{r} 5.7 \\ 1.7 \end{array} \quad \begin{array}{r} 6.3 \\ 2.0 \end{array} \quad \begin{array}{r} 6.5 \\ 2.4 \end{array} \quad \begin{array}{r} 6.5 \\ 5.0 \end{array}$$

$$\begin{array}{r} 5.5 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 8 \end{array} \quad \begin{array}{r} 5.1 \\ 10 \end{array} \quad \begin{array}{r} 5.3 \\ 10 \end{array} \quad \begin{array}{r} 5.4 \\ 11 \end{array}$$

$$\begin{array}{r} 5.0 \\ 5.0 \end{array} \quad \begin{array}{r} 5.4 \\ 3.3 \end{array} \quad \begin{array}{r} 6.0 \\ 1.4 \end{array} \quad \begin{array}{r} 5.4 \\ 1.1 \end{array} \quad \begin{array}{r} 5.3 \\ 8 \end{array} \quad \begin{array}{r} 5.1 \\ 10 \end{array} \quad \begin{array}{r} 5.3 \\ 1.1 \end{array} \quad \begin{array}{r} 5.4 \\ 1.6 \end{array} \quad \begin{array}{r} 5.4 \\ 2.5 \end{array} \quad \begin{array}{r} 5.8 \\ 5.0 \end{array}$$

$$\begin{array}{r} 5.4 \\ 11 \end{array} \quad \begin{array}{r} 5.2 \\ 8 \end{array} \quad \begin{array}{r} 5.0 \\ 10 \end{array} \quad \begin{array}{r} 5.2 \\ 10 \end{array} \quad \begin{array}{r} 5.3 \\ 11 \end{array}$$

$$\begin{array}{r} 5.1 \\ 5.0 \end{array} \quad \begin{array}{r} 5.6 \\ 3.3 \end{array} \quad \begin{array}{r} 6.1 \\ 1.5 \end{array} \quad \begin{array}{r} 5.4 \\ 1.1 \end{array} \quad \begin{array}{r} 5.2 \\ 7 \end{array} \quad \begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 11 \end{array} \quad \begin{array}{r} 5.7 \\ 2.5 \end{array} \quad \begin{array}{r} 5.4 \\ 5.0 \end{array}$$

$$\begin{array}{r} 5.1 \\ 11 \end{array} \quad \begin{array}{r} 4.9 \\ 7 \end{array} \quad \begin{array}{r} 4.7 \\ 11 \end{array} \quad \begin{array}{r} 4.8 \\ 11 \end{array}$$

$$\begin{array}{r} 5.0 \\ 5.0 \end{array} \quad \begin{array}{r} 5.3 \\ 3.3 \end{array} \quad \begin{array}{r} 4.9 \\ 1.1 \end{array} \quad \begin{array}{r} 4.7 \\ 7 \end{array} \quad \begin{array}{r} 4.5 \\ 10 \end{array} \quad \begin{array}{r} 4.7 \\ 10 \end{array} \quad \begin{array}{r} 4.8 \\ 11 \end{array} \quad \begin{array}{r} 5.5 \\ 2.6 \end{array} \quad \begin{array}{r} 5.4 \\ 5.0 \end{array}$$

Spt in 24' Oak 150' Lt sta 122+75

$$\begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 4.7 \\ 7 \end{array} \quad \begin{array}{r} 4.5 \\ 11 \end{array} \quad \begin{array}{r} 4.8 \\ 11 \end{array}$$

$$\begin{array}{r} 5.7 \\ 5.0 \end{array} \quad \begin{array}{r} 6.0 \\ 3.3 \end{array} \quad \begin{array}{r} 6.5 \\ 1.7 \end{array} \quad \begin{array}{r} 4.9 \\ 1.1 \end{array} \quad \begin{array}{r} 4.7 \\ 8 \end{array} \quad \begin{array}{r} 4.5 \\ 10 \end{array} \quad \begin{array}{r} 4.8 \\ 10 \end{array} \quad \begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 1.6 \end{array} \quad \begin{array}{r} 5.8 \\ 2.0 \end{array} \quad \begin{array}{r} 5.8 \\ 3.3 \end{array} \quad \begin{array}{r} 5.7 \\ 3.0 \end{array}$$

$$\begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 4.8 \\ 7 \end{array} \quad \begin{array}{r} 4.7 \\ 11 \end{array} \quad \begin{array}{r} 4.9 \\ 11 \end{array}$$

Sta	+	π ✓	-	Elev
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935.43

124 + 00

30.6

+ 25

30.7

+ 50

30.9

+ 75

31.1

125 + 00

31.3

+ 25

31.5

+ 50

31.6

+ 75

31.6

126 + 00

31.7

+ 25

31.7

+ 50

31.9

Lot

E

Rt.

$\frac{5.3}{50}$	$\frac{5.8}{33}$	$\frac{6.6}{19}$	$\frac{5.5}{13}$	$\frac{5.1}{11}$	$\frac{4.8}{7}$	$\frac{4.8}{11}$	$\frac{4.9}{11}$	$\frac{5.2}{14}$	$\frac{6.1}{19}$	$\frac{6.0}{33}$	$\frac{6.0}{50}$
------------------	------------------	------------------	------------------	------------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------

$\frac{5.4}{11}$	$\frac{4.9}{7}$	$\frac{4.7}{11}$	$\frac{4.8}{11}$
------------------	-----------------	------------------	------------------

$\frac{6.9}{33}$	$\frac{6.9}{33}$	$\frac{6.8}{20}$	$\frac{5.1}{11}$	$\frac{4.7}{6}$	$\frac{4.5}{11}$	$\frac{4.6}{11}$	$\frac{4.9}{14}$	$\frac{5.8}{18}$	$\frac{5.8}{33}$	$\frac{5.8}{50}$
------------------	------------------	------------------	------------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------

$\frac{4.6}{11}$	$\frac{4.4}{6}$	$\frac{4.3}{11}$	$\frac{4.4}{11}$
------------------	-----------------	------------------	------------------

$\frac{4.8}{50}$	$\frac{4.8}{33}$	$\frac{5.0}{19}$	$\frac{5.5}{15}$	$\frac{4.4}{11}$	$\frac{4.2}{6}$	$\frac{4.1}{11}$	$\frac{4.2}{11}$	$\frac{4.7}{17}$	$\frac{5.2}{18}$	$\frac{5.4}{33}$	$\frac{5.4}{50}$
------------------	------------------	------------------	------------------	------------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------

$\frac{4.4}{11}$	$\frac{4.0}{6}$	$\frac{3.9}{11}$	$\frac{4.1}{11}$
------------------	-----------------	------------------	------------------

$\frac{4.8}{50}$	$\frac{4.8}{33}$	$\frac{4.9}{20}$	$\frac{5.5}{16}$	$\frac{4.3}{11}$	$\frac{4.0}{6}$	$\frac{3.8}{11}$	$\frac{4.0}{11}$	$\frac{4.2}{13}$	$\frac{5.4}{18}$	$\frac{5.5}{33}$	$\frac{5.4}{50}$
------------------	------------------	------------------	------------------	------------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------

$\frac{4.3}{11}$	$\frac{4.0}{6}$	$\frac{3.8}{11}$	$\frac{4.0}{11}$
------------------	-----------------	------------------	------------------

$\frac{5.0}{50}$	$\frac{5.4}{33}$	$\frac{5.4}{19}$	$\frac{4.3}{11}$	$\frac{4.0}{7}$	$\frac{3.7}{11}$	$\frac{4.0}{11}$	$\frac{4.3}{14}$	$\frac{5.3}{19}$	$\frac{5.6}{33}$	$\frac{5.4}{50}$
------------------	------------------	------------------	------------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------

$\frac{4.2}{11}$	$\frac{3.9}{7}$	$\frac{3.7}{11}$	$\frac{3.9}{11}$
------------------	-----------------	------------------	------------------

$\frac{5.1}{50}$	$\frac{5.3}{33}$	$\frac{5.1}{17}$	$\frac{4.2}{15}$	$\frac{3.9}{11}$	$\frac{3.7}{7}$	$\frac{3.5}{11}$	$\frac{3.8}{11}$	$\frac{4.2}{14}$	$\frac{5.7}{19}$	$\frac{5.5}{33}$	$\frac{5.1}{50}$
------------------	------------------	------------------	------------------	------------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------

Sta	+	π ✓	-	Elev
		935.43		

126+75				32.0
T.P.	6.49	938.64 ✓	3.28	932.15 ✓

127+00				32.1
--------	--	--	--	------

+25				32.3
-----	--	--	--	------

+50				32.4
-----	--	--	--	------

+75				32.6
-----	--	--	--	------

128+00				32.9
--------	--	--	--	------

+25				33.0
-----	--	--	--	------

+50				33.2
-----	--	--	--	------

+75				33.4
-----	--	--	--	------

129+00				33.5
--------	--	--	--	------

+25				33.5
-----	--	--	--	------

Lst

K

Rt

$$\begin{array}{r} 3.8 \\ 11 \end{array} \quad \begin{array}{r} 3.6 \\ 7 \end{array} \quad \begin{array}{r} 3.4 \\ 11 \end{array} \quad \begin{array}{r} 3.7 \\ 11 \end{array}$$

$$\begin{array}{r} 4.8 \\ 50 \end{array} \quad \begin{array}{r} 4.9 \\ 33 \end{array} \quad \begin{array}{r} 5.1 \\ 18 \end{array} \quad \begin{array}{r} 3.9 \\ 16 \end{array} \quad \begin{array}{r} 3.6 \\ 11 \end{array} \quad \begin{array}{r} 3.4 \\ 7 \end{array} \quad \begin{array}{r} 3.3 \\ 11 \end{array} \quad \begin{array}{r} 3.5 \\ 11 \end{array} \quad \begin{array}{r} 3.8 \\ 14 \end{array} \quad \begin{array}{r} 4.9 \\ 19 \end{array} \quad \begin{array}{r} 4.9 \\ 33 \end{array} \quad \begin{array}{r} 4.5 \\ 50 \end{array}$$

$$\begin{array}{r} 6.7 \\ 11 \end{array} \quad \begin{array}{r} 6.5 \\ 7 \end{array} \quad \begin{array}{r} 6.3 \\ 11 \end{array} \quad \begin{array}{r} 6.6 \\ 11 \end{array}$$

$$\begin{array}{r} 8.0 \\ 50 \end{array} \quad \begin{array}{r} 7.8 \\ 33 \end{array} \quad \begin{array}{r} 7.8 \\ 20 \end{array} \quad \begin{array}{r} 6.9 \\ 15 \end{array} \quad \begin{array}{r} 6.6 \\ 11 \end{array} \quad \begin{array}{r} 6.4 \\ 7 \end{array} \quad \begin{array}{r} 6.2 \\ 11 \end{array} \quad \begin{array}{r} 6.3 \\ 11 \end{array} \quad \begin{array}{r} 6.7 \\ 15 \end{array} \quad \begin{array}{r} 7.7 \\ 20 \end{array} \quad \begin{array}{r} 7.7 \\ 33 \end{array} \quad \begin{array}{r} 7.5 \\ 50 \end{array}$$

$$\begin{array}{r} 6.4 \\ 11 \end{array} \quad \begin{array}{r} 6.2 \\ 7 \end{array} \quad \begin{array}{r} 6.0 \\ 11 \end{array} \quad \begin{array}{r} 6.1 \\ 11 \end{array}$$

$$\begin{array}{r} 6.5 \\ 50 \end{array} \quad \begin{array}{r} 6.6 \\ 33 \end{array} \quad \begin{array}{r} 6.7 \\ 15 \end{array} \quad \begin{array}{r} 6.3 \\ 10 \end{array} \quad \begin{array}{r} 6.0 \\ 7 \end{array} \quad \begin{array}{r} 5.7 \\ 11 \end{array} \quad \begin{array}{r} 6.0 \\ 11 \end{array} \quad \begin{array}{r} 6.2 \\ 15 \end{array} \quad \begin{array}{r} 6.7 \\ 18 \end{array} \quad \begin{array}{r} 6.1 \\ 33 \end{array} \quad \begin{array}{r} 6.1 \\ 50 \end{array}$$

$$\begin{array}{r} 6.1 \\ 11 \end{array} \quad \begin{array}{r} 5.9 \\ 8 \end{array} \quad \begin{array}{r} 5.6 \\ 11 \end{array} \quad \begin{array}{r} 5.8 \\ 11 \end{array}$$

$$\begin{array}{r} 5.6 \\ 50 \end{array} \quad \begin{array}{r} 5.7 \\ 33 \end{array} \quad \begin{array}{r} 5.8 \\ 11 \end{array} \quad \begin{array}{r} 5.7 \\ 8 \end{array} \quad \begin{array}{r} 5.4 \\ 11 \end{array} \quad \begin{array}{r} 5.6 \\ 11 \end{array} \quad \begin{array}{r} 5.8 \\ 33 \end{array} \quad \begin{array}{r} 5.7 \\ 50 \end{array}$$

$$\begin{array}{r} 5.7 \\ 11 \end{array} \quad \begin{array}{r} 5.5 \\ 8 \end{array} \quad \begin{array}{r} 5.2 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 11 \end{array}$$

$$\begin{array}{r} 6.2 \\ 50 \end{array} \quad \begin{array}{r} 6.8 \\ 33 \end{array} \quad \begin{array}{r} 5.6 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 8 \end{array} \quad \begin{array}{r} 5.1 \\ 11 \end{array} \quad \begin{array}{r} 5.2 \\ 10 \end{array} \quad \begin{array}{r} 5.3 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 20 \end{array} \quad \begin{array}{r} 5.0 \\ 33 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array}$$

$$\begin{array}{r} 5.4 \\ 11 \end{array} \quad \begin{array}{r} 5.3 \\ 7 \end{array} \quad \begin{array}{r} 5.1 \\ 11 \end{array} \quad \begin{array}{r} 5.1 \\ 10 \end{array} \quad \begin{array}{r} 5.2 \\ 11 \end{array}$$

Sta + π ✓ - Elev
938.64

129+50

33.4.

+75

33.5.

130+00

33.6.

+25

33.7.

+50

33.8.

+75

33.9.

131+00

34.0.

+25

34.1.

+50

34.1.

+75

34.2.

132+00

34.0.

Lt

L

Rt

$$\begin{array}{r} 6.8 \\ 50 \end{array} \quad \begin{array}{r} 7.3 \\ 33 \end{array} \quad \begin{array}{r} 6.7 \\ 17 \end{array} \quad \begin{array}{r} 5.7 \\ 14 \end{array} \quad \begin{array}{r} 5.5 \\ 11 \end{array} \quad \begin{array}{r} 5.2 \\ 8 \end{array} \quad \begin{array}{r} 5.2 \\ 10 \end{array} \quad \begin{array}{r} 5.1 \\ 11 \end{array} \quad \begin{array}{r} 5.3 \\ 22 \end{array} \quad \begin{array}{r} 5.7 \\ 33 \end{array} \quad \begin{array}{r} 5.8 \\ 50 \end{array}$$

$$\begin{array}{r} 5.6 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 8 \end{array} \quad \begin{array}{r} 5.1 \\ 10 \end{array} \quad \begin{array}{r} 5.2 \\ 11 \end{array}$$

$$\begin{array}{r} 8.3 \\ 50 \end{array} \quad \begin{array}{r} 7.8 \\ 33 \end{array} \quad \begin{array}{r} 7.2 \\ 18 \end{array} \quad \begin{array}{r} 6.0 \\ 13 \end{array} \quad \begin{array}{r} 5.7 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 7 \end{array} \quad \begin{array}{r} 6.0 \\ 11 \end{array} \quad \begin{array}{r} 5.1 \\ 16 \end{array} \quad \begin{array}{r} 5.4 \\ 20 \end{array} \quad \begin{array}{r} 5.9 \\ 33 \end{array} \quad \begin{array}{r} 5.9 \\ 50 \end{array}$$

$$\begin{array}{r} 5.4 \\ 11 \end{array} \quad \begin{array}{r} 5.2 \\ 7 \end{array} \quad \begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 11 \end{array}$$

$$\begin{array}{r} 6.4 \\ 50 \end{array} \quad \begin{array}{r} 5.9 \\ 33 \end{array} \quad \begin{array}{r} 5.2 \\ 11 \end{array} \quad \begin{array}{r} 4.9 \\ 7 \end{array} \quad \begin{array}{r} 4.8 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 18 \end{array} \quad \begin{array}{r} 3.5 \\ 40 \end{array} \quad \begin{array}{r} 3.0 \\ 50 \end{array}$$

$$\begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 4.8 \\ 6 \end{array} \quad \begin{array}{r} 4.7 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 11 \end{array}$$

$$\begin{array}{r} 5.7 \\ 50 \end{array} \quad \begin{array}{r} 4.7 \\ 33 \end{array} \quad \begin{array}{r} 4.4 \\ 17 \end{array} \quad \begin{array}{r} 4.8 \\ 11 \end{array} \quad \begin{array}{r} 4.7 \\ 6 \end{array} \quad \begin{array}{r} 4.6 \\ 11 \end{array} \quad \begin{array}{r} 4.7 \\ 27 \end{array} \quad \begin{array}{r} 1.8 \\ 50 \end{array}$$

$$\begin{array}{r} 4.8 \\ 11 \end{array} \quad \begin{array}{r} 4.7 \\ 6 \end{array} \quad \begin{array}{r} 4.5 \\ 11 \end{array} \quad \begin{array}{r} 4.6 \\ 11 \end{array}$$

$$\begin{array}{r} 5.1 \\ 50 \end{array} \quad \begin{array}{r} 4.1 \\ 33 \end{array} \quad \begin{array}{r} 3.8 \\ 18 \end{array} \quad \begin{array}{r} 4.6 \\ 11 \end{array} \quad \begin{array}{r} 4.6 \\ 5 \end{array} \quad \begin{array}{r} 4.5 \\ 11 \end{array} \quad \begin{array}{r} 4.5 \\ 17 \end{array} \quad \begin{array}{r} 4.0 \\ 27 \end{array} \quad \begin{array}{r} 1.8 \\ 50 \end{array}$$

$$\begin{array}{r} 4.7 \\ 11 \end{array} \quad \begin{array}{r} 4.6 \\ 6 \end{array} \quad \begin{array}{r} 4.4 \\ 11 \end{array} \quad \begin{array}{r} 4.5 \\ 11 \end{array}$$

$$\begin{array}{r} 4.5 \\ 50 \end{array} \quad \begin{array}{r} 3.9 \\ 33 \end{array} \quad \begin{array}{r} 4.1 \\ 19 \end{array} \quad \begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 4.8 \\ 6 \end{array} \quad \begin{array}{r} 4.6 \\ 11 \end{array} \quad \begin{array}{r} 4.7 \\ 18 \end{array} \quad \begin{array}{r} 4.8 \\ 26 \end{array} \quad \begin{array}{r} 3.1 \\ 50 \end{array}$$

Sta	+	T	-	Elev
		✓ 938.64		

132 + 25				33.7.
----------	--	--	--	-------

+ 50				33.5.
------	--	--	--	-------

+ 75				33.3.
------	--	--	--	-------

133 + 00		✓		33.1.
----------	--	---	--	-------

T. P	3.25	✓ 936.37	5.52	933.12.
------	------	-------------	------	---------

+ 25				32.8.
------	--	--	--	-------

+ 50				32.6.
------	--	--	--	-------

+ 75				32.4.
------	--	--	--	-------

134 + 00				32.3.
----------	--	--	--	-------

+ 25				32.0.
------	--	--	--	-------

+ 50				31.8.
------	--	--	--	-------

+ 75				31.8.
------	--	--	--	-------

L₁L₂R₁

$$\frac{5.1}{11} \quad \frac{5.0}{6} \quad \frac{4.9}{11} \quad \frac{5.0}{11}$$

$$\frac{5.3}{50} \quad \frac{5.0}{33} \quad \frac{5.3}{28} \quad \frac{6.2}{25} \quad \frac{5.6}{20} \quad \frac{5.4}{11} \quad \frac{5.3}{6} \quad \frac{5.1}{11} \quad \frac{5.2}{11} \quad \frac{4.9}{26} \quad \frac{4.9}{50}$$

$$\frac{4.7}{11} \quad \frac{5.5}{6} \quad \frac{5.3}{11} \quad \frac{5.3}{11}$$

$$\frac{7.5}{50} \quad \frac{7.0}{33} \quad \frac{6.1}{11} \quad \frac{5.8}{7} \quad \frac{5.5}{11} \quad \frac{5.5}{11} \quad \frac{6.4}{25} \quad \frac{6.8}{50}$$

$$\frac{4.8}{11} \quad \frac{3.9}{7} \quad \frac{3.6}{11} \quad \frac{3.6}{11}$$

$$\frac{6.7}{50} \quad \frac{6.9}{33} \quad \frac{6.6}{19} \quad \frac{5.2}{15} \quad \frac{4.6}{11} \quad \frac{4.2}{7} \quad \frac{3.8}{11} \quad \frac{3.8}{11} \quad \frac{4.2}{16} \quad \frac{5.2}{25} \quad \frac{6.2}{50}$$

$$\frac{4.8}{11} \quad \frac{4.4}{7} \quad \frac{4.0}{11} \quad \frac{3.8}{11}$$

$$\frac{6.5}{50} \quad \frac{6.2}{33} \quad \frac{6.6}{20} \quad \frac{5.5}{15} \quad \frac{5.2}{11} \quad \frac{4.7}{6} \quad \frac{4.1}{11} \quad \frac{3.8}{11} \quad \frac{4.0}{17} \quad \frac{5.5}{23} \quad \frac{6.3}{33} \quad \frac{6.0}{50}$$

$$\frac{5.5}{11} \quad \frac{5.0}{7} \quad \frac{4.9}{11} \quad \frac{3.9}{11}$$

$$\frac{8.0}{50} \quad \frac{7.6}{33} \quad \frac{7.0}{18} \quad \frac{5.6}{15} \quad \frac{5.6}{11} \quad \frac{5.2}{7} \quad \frac{4.6}{11} \quad \frac{4.2}{11} \quad \frac{4.5}{17} \quad \frac{6.6}{22} \quad \frac{6.2}{33} \quad \frac{5.4}{50}$$

$$\frac{5.6}{11} \quad \frac{5.3}{8} \quad \frac{4.6}{11} \quad \frac{4.2}{11}$$

Sta	+	π ✓	-	Elev
		936.37		

135 + 00

31.6

+ 25

31.5

+ 50

31.5

+ 75

31.5

136 + 00

31.6

+ 25

31.7

+ 50

31.8

+ 75

31.9

137 + 00

32.0

+ 25

32.1

+ 50

32.3

Lt

L

Rt

 $\frac{74}{50} \quad \frac{70}{33} \quad \frac{69}{20} \quad \frac{59}{16} \quad \frac{54}{11} \quad \frac{52}{10} \quad \frac{48}{9} \quad \frac{48}{7} \quad \frac{49}{11} \quad \frac{49}{13} \quad \frac{64}{16} \quad \frac{72}{22} \quad \frac{72}{33} \quad \frac{64}{50}$
 $\frac{53}{11} \quad \frac{49}{8} \quad \frac{50}{8} \quad \frac{52}{11}$
 $\frac{61}{50} \quad \frac{57}{33} \quad \frac{60}{27} \quad \frac{67}{24} \quad \frac{67}{21} \quad \frac{55}{17} \quad \frac{51}{11} \quad \frac{49}{6} \quad \frac{51}{6} \quad \frac{54}{9} \quad \frac{61}{11} \quad \frac{70}{14} \quad \frac{67}{33} \quad \frac{51}{50}$
 $\frac{50}{11} \quad \frac{49}{5} \quad \frac{50}{5} \quad \frac{54}{8} \quad \frac{66}{11}$
 $\frac{58}{50} \quad \frac{58}{33} \quad \frac{57}{29} \quad \frac{68}{26} \quad \frac{58}{23} \quad \frac{50}{16} \quad \frac{48}{11} \quad \frac{48}{4} \quad \frac{49}{4} \quad \frac{51}{6} \quad \frac{63}{11} \quad \frac{68}{24} \quad \frac{53}{50}$
 $\frac{46}{11} \quad \frac{47}{3} \quad \frac{47}{3} \quad \frac{49}{5} \quad \frac{62}{11}$
 $\frac{62}{50} \quad \frac{53}{33} \quad \frac{58}{28} \quad \frac{52}{24} \quad \frac{48}{15} \quad \frac{45}{11} \quad \frac{46}{2} \quad \frac{47}{2} \quad \frac{49}{5} \quad \frac{60}{10} \quad \frac{61}{11} \quad \frac{63}{20} \quad \frac{52}{50}$
 $\frac{44}{11} \quad \frac{45}{4} \quad \frac{48}{4} \quad \frac{64}{10} \quad \frac{65}{11}$
 $\frac{65}{50} \quad \frac{58}{33} \quad \frac{50}{28} \quad \frac{56}{24} \quad \frac{50}{21} \quad \frac{47}{18} \quad \frac{43}{11} \quad \frac{44}{4} \quad \frac{48}{4} \quad \frac{65}{10} \quad \frac{67}{11} \quad \frac{68}{33} \quad \frac{56}{50}$
 $\frac{44}{11} \quad \frac{48}{3} \quad \frac{44}{3} \quad \frac{47}{6} \quad \frac{63}{11}$
 $\frac{63}{50} \quad \frac{58}{33} \quad \frac{57}{23} \quad \frac{49}{19} \quad \frac{46}{15} \quad \frac{43}{11} \quad \frac{41}{3} \quad \frac{42}{3} \quad \frac{47}{6} \quad \frac{63}{11} \quad \frac{68}{22} \quad \frac{62}{50}$

Sta + π ✓ - Elev
936.37.

137 + 75 32.4.

138 + 00 32.6

+19.06 32.6.

+50 32.3.

+75 32.0.

139 + 00 31.9.

+25 32.0.

+50 32.0.

+75 31.9.

140 + 00 31.9.

B.M. 3.48 936.41 3.48

B.M. 4.25 936.43 4.25

932.93
932.89 ✓
931.46
931.48

L₁L₂R₁

$$\frac{42}{11} \quad \frac{40}{5} \quad \frac{42}{5} \quad \frac{42}{7} \quad \frac{57}{11}$$

$$\frac{60}{50} \quad \frac{61}{33} \quad \frac{58}{21} \quad \frac{42}{16} \quad \frac{40}{11} \quad \frac{38}{6} \quad \frac{40}{6} \quad \frac{42}{11} \quad \frac{53}{29} \quad \frac{59}{30}$$

$$\frac{62}{50} \quad \frac{62}{33} \quad \frac{64}{22} \quad \frac{48}{16} \quad \frac{41}{12} \quad \frac{40}{11} \quad \frac{38}{6} \quad \frac{40}{6} \quad \frac{41}{11} \quad \frac{50}{50}$$

$$\frac{61}{50} \quad \frac{55}{33} \quad \frac{64}{29} \quad \frac{46}{16} \quad \frac{43}{11} \quad \frac{41}{6} \quad \frac{43}{5} \quad \frac{52}{11} \quad \frac{50}{15} \quad \frac{69}{20} \quad \frac{68}{24} \quad \frac{58}{27} \quad \frac{61}{30}$$

$$\frac{45}{11} \quad \frac{44}{11} \quad \frac{47}{11}$$

$$\frac{47}{11} \quad \frac{45}{11} \quad \frac{47}{11}$$

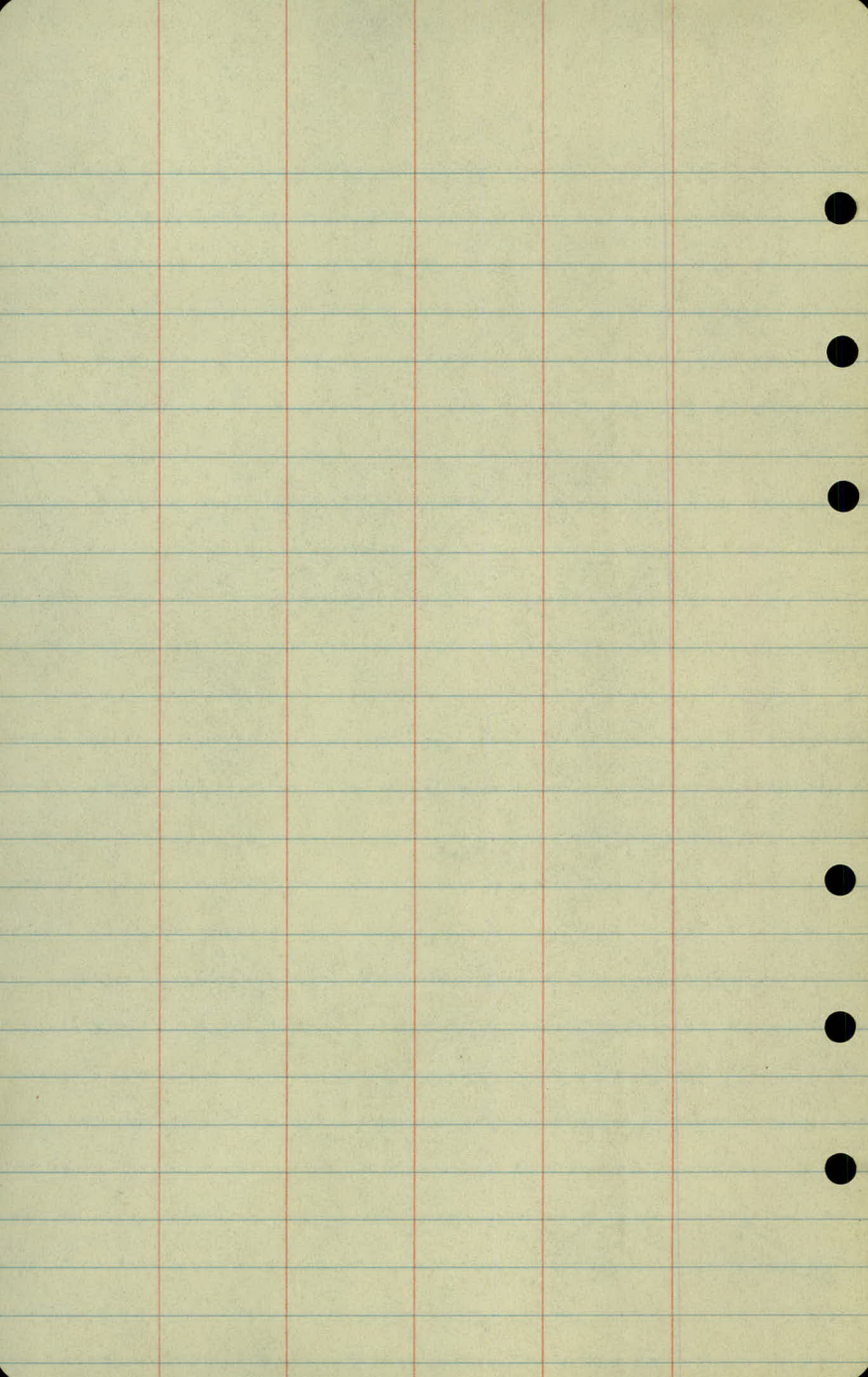
$$\frac{48}{11} \quad \frac{44}{11} \quad \frac{47}{11}$$

$$\frac{47}{11} \quad \frac{44}{11} \quad \frac{47}{11}$$

$$\frac{47}{11} \quad \frac{44}{11} \quad \frac{46}{11}$$

$$\frac{48}{11} \quad \frac{45}{11} \quad \frac{46}{11}$$

Spt 10 8" Box Elder 22' L₁ sta 138103Top Mantle 96' R₁ sta 138119.6



Road Core Soundings

85+00

100+00

115+00

139+00

1 1/2" B.T.
2" Course Aggr + B.T.
6 1/2" " " + Clay

2" Fine B.T.
4" Course Aggr + B.T.
5" " " + Sand

2" Fine B.T.
4" Course Aggr + B.T.
5" " " + Sand + Clay

2" B.T.
4" Course Aggr + B.T.
Sand Clay.

1" Fine B.T.
6" Course Aggr + B.T.
Sand Clay

2" B.T.
6" Course Aggr + B.T.
Sand + Clay.

2" B.T.
3" Course Aggr + B.T.
3" " " + Sandy Clay
Sandy Clay.

2" B.T.
3" Course Aggr + B.T.
Sand + Clay

2" B.T.
4" Course Aggr + B.T.
Sandy Clay

2" B.T.
4" Course Aggr + B.T.
2" " " + Sandy Clay
Sandy Clay.

2" B.T.
4" Course Aggr + B.T.
5" " " + Sandy Clay
Sandy Clay

2" B.T.
3" Course Aggr + B.T.
2" " " + Sandy Clay
Sandy Clay.

