

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Road Map Survey

COUNTY ROAD A2

From..... To.....

From Rice St To Arcade St.

Road Acc't. No. 28 A

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

Transit Notes.

Co. No. "Ae"

Rice to Arcade

a/e 78

42 - 60
200' wide

1933

72+38⁸² P.O.T.

50+41⁹⁵ Mont $\angle$ Mc Menemy. (0°50' Lt.)

24+13⁹² Ctr. Sec. 18-29-22 (Mont) Turn out.

17+56⁶⁵ P.O.T.

9+28³ $\angle$ Line Tracks.

8+74⁰⁰ P.O.T.

0+00 Mont $\angle$ Rice + A³

Spt
42.85
41.07 @ 15" Oct.
T.P.

H. pole
59.95
40.98
41.66
T.P.
Guy F

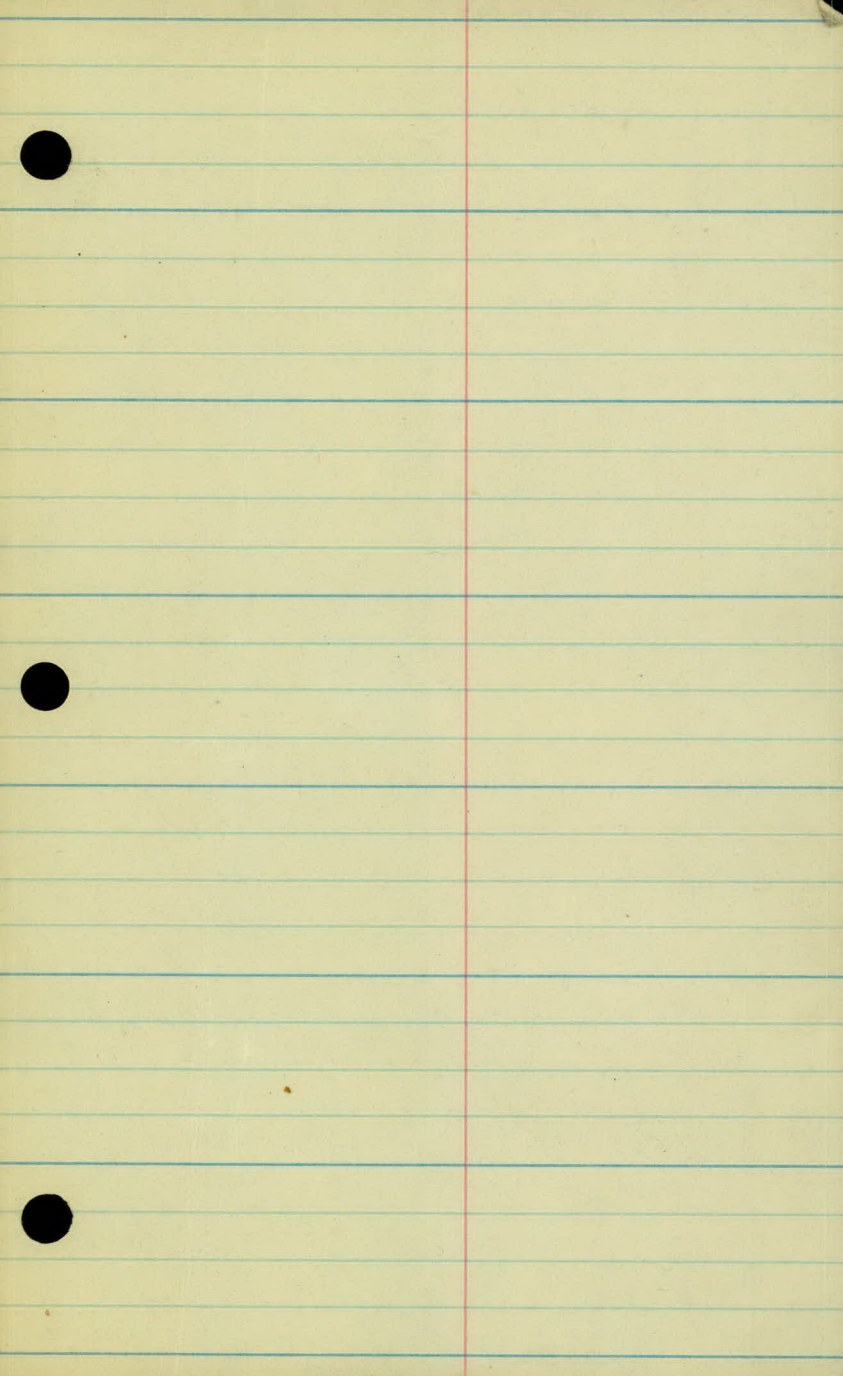
Guy F
33.52
32.80
P.P.

G.R. Posts {
15.37
18.64
T.R. Spt.

66 1/2°
9+28 ± 800 Tracks
Spike
22.20
G.R. posts.

89 1/4°

76+59⁵⁷ Hole in Pavc E Edgerton St.



102+79³⁰ Spt E Arcade St

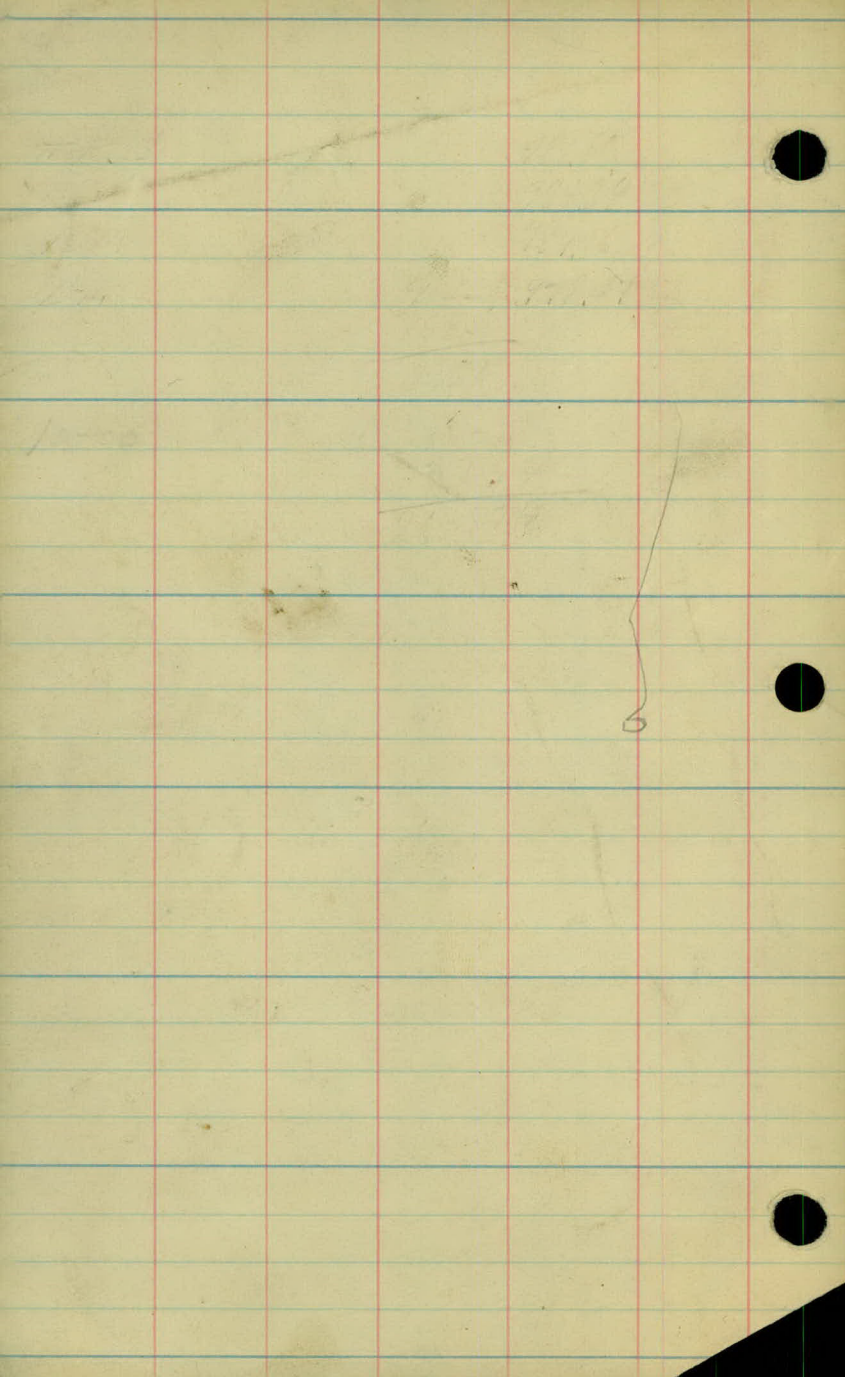
95+60⁸⁷ P.O.T.

76+59⁵⁷ Edgerton

To. Co. Rd. B°

69
1
H.

P.P. 20k. No. 1
6514 5222
P.P.
24" lat
87.57
4028 18" lat



(Topog Notes.)

CO RD A2

RICE TO ARCADE

$\frac{9}{c}$ 78

5

4

3

2

1

0+00

£ Rice St. Pavc.

Cult.



Colomb. Gar
+ Barn.

+25 Cor. Barn. 29'
+04 T.P. 29'
G.R. 11' F29'

F10'

+78 Δ G.R. 11'
+71 Beg G.R. 12'

+65 X Rd Sq. 20

Alfalfa Fld.

Truck Garden.

G.R. 11 F26'

+33 T.P. 29'
+32 Δ G.R. 11'
+25 G.R. 12'
+19 Beg F 29'

+83 F. Cor. 26'
+78 Pr. Dr.

F26'

+57 T.P. 28'

F29

+71 F. Cor. 3

+36 Rd Sq. 18'
+18 T.P. 38'
+22 X Dr.
15' X 40' P.

+27 Iron Rd Sq. 25'
+26 Stop Sq 16'

+20'



Waste.

11

10

9

8

7

6

+89 F. Cor. 34'
 +81 Lin Hd wall 21'
 +50 Water Mks Road.
 +41 Beg F 32'

+29 End G.R. 11'
 G.R. 11'

+47 Cor Reservoir 35'
 +54 Side Drain 15'
 12" C.I.P.
 7" Masonry Hdwall
 out let inexcavable
 +33 Reservoir Rd.

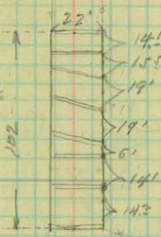
+88 End G.R. 13'

Waste.

Waste

4" wooden Fence
 on Both sides

+13 T.P. 125



+94 Conc Spillway 10'
 9' x 45 Mouth
 36 x 6' Conc. Flow.

19' Wooden Pile Bent Bridge.

+04 T.P. 12'

+74.5 Face of Stringer

G.R. 10'

G.R. 13'

Alfalfa Fld.

G.R. 10'

G.R. 12'

+88 x Dr.
 24" x ? - P.3

51'

+72 T.P. 28'

+41 - 6" P.P. 41'
 +35 Beg light Clearing 35'

Cult

G.R. 10'

G.R. 11'

17

16

15

14

13

12

G.R. 12' F 33'

Pasture

+337 F. Cor 32'
+339 Δ G.R. 12'
+31 Beg G.R. 13'

Abandoned Borrow
pit.

Waste land.

Reservoir

Cult.

Waste.

+13 End F 43'

+50 Beg Wood F 42

+10 Cor Reservoir

23

22

21

20

19

18

+93 T.P. 33'
+91 Guy P 18'

Cult

Cult.

Cult.

Cult.

+22 F. Cor 39' x x x
x
x

+09 End G.R. 13'
+01 D G.R. 12' F 31'

Pasture

Cult.

F 32 G.R. 12'

+18 X Dr. #65-62
24" X 56' P. 3

29

28

27

26

25

24

Cult

Cult.

+05 P.P. 17'

Cult

Cult.

+15 P.P. 17'

Cult

Cult.

+92 Farm Ent 21'
15" X 25' P2

+96 P.P. 18'

Cult

Cult.

+41 Guy P. 19'

+42 P.P. 18'

+20 Side Dr. 18'
18" X 30' P2

35

34

33

32

31

30

+92 ΔG.R. 12⁵
+85 Beg G.R. 13

G.R. 12

+72 P.P. 16'

+40 ΔG.R. 12⁵
+33 Beg G.R. 13
+10 Fld Ent.

+84 P.P. 16'

Cultivation

Cultivation.

+93 P.P. 16'

41

40

39

38

37

36

+58 Δ GR 12.5
 +53-18" Birch 38' For Birch
 +49-12" Birch 29.
 +49 Beg GR 19.

+92 Beg GR 13

F34.

+44 P.P. 15.5

+96 End GR 13' F24.5
 +89 Δ GR 12'

+67 End GR 12.5
 +59 Δ GR 12'

F33. GR 12.5

GR 12'

+50 Beg Pathole

+44 X Hay

+54 P.P. 16'
 +44 End Cult
 Beg. Hay F14.
 +11 X Dr 65-64
 24" X 72' F.3

F.38' GR 12.5

GR 12

+27 F. Cor. 41' GR 12.5

Cult.

GR 12

+64 P.P. 15.5

GR 12.5

Cult

GR 12

47

46

45

44

43

42

+63 Cor. Ho. 36'
+60 End F. 41'



+21 Bay F. 41'

Yard.

+74 Oak 44' x 40'
+74 F. Cor. 44'

F 42'

+12 Oak 36'

F 35'

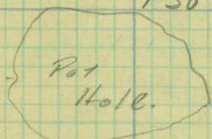
+84 End GR 13'
+77 Δ GR 11.5'

GR 12' F 50'

Pasture

Pasture

F 50



Pot Hole.

F. 41' GR 13'

+12 P.P. 16'
+11 X BA 59 19'

Hay Pld.

+60 Fld Ent.
+44 End GR 12'
+38 Δ GR 12'
+23 P.P. 16'

GR 12'

+48-18" Oak 39'

Hay. Fld.

+83 X Drain #65-65
24' x 2' P. 3

+33 P.P. 16'

53

52

51

50

49

48

+63 F Cor 40'

F 40'

F 32'

+73 T.P. 25

F 36'

+71 T.P. 25

Waste.

Hay Flk.

F 33'

F 29

+96 H. Pole 21
+93 H. Pole 28'
+66 F. Cor 28'

+19 F Cor 26'
+23 X Dr. #65-66
X 58' P 3 + CM

+69 Δ F. 26
+37 Bag F 43'
+29 End F 26'

+16 - 4" Elm 28
+40 - 3" Pop. 30

+93 - 3" Map. 32'
+81 - 4" Elm 33'
+74 F Cor. 26'
+74 F Cor 33'

+61 6" Tw P. E. 30

+46 - 3" Plum Tr. 32
+20 - 12" Pop. 32
+09 - 6" Pop 25
+06 - 12" Pop 30
+03 Bag F 33

Cult.

Driveway

Yard

F 33'

+66 F Cor. 35
+65 Rd. Sq. 31
+62 T.P. 36
+60 Trac. Sq. 39
+59 X Dr. #65-66
24' X 56' CM + P 3

+23 P.P. 45
+11 Guy P. 29

+86 P.P. 16'

Cult.

+01 P.P. 16'

59

58

57

56

55

54

+90 X +90 F. Cor. 40'

+16 T.P. 27' F 28'

G.R. 14' F 36'

+79 T.P. 27' F 28'

G.R. 14' F 30

+81 Δ G.R. 14'
+74 Beg G.R. 145

+96 F. Cor 27' x x x

Fld.
Hay F 25'

+55 T.P. 27

Truck
+18 Beg Garden. X +18

F 26'

+12 P. Dr.
12" x 30 C.M. 21'
+95 T.P. 26'

Fld.
Hay F 27'

+27 X Rd Sq. 21'

+06 T.P. 26

Yard.

65

64

63

62

61

60

+54 H.P. 24.28

F 30

+27 T.P. 26'

F 30'

+57 30" Oak. 45'

+58 F Cor. 30'

+47 P. Dr. 24'

+38 End G.R. 19'

+33 A G.R. 13'

+25 A G.R. 19'

+14 Cluster 2-6' Locust Trs 30'

+03 T.P. 27' G.R. 10'

+36 F Cor. 25'

+89 G.R. 10'

+92 Bag G.R. 10.5'

+70 T.P. 26'

F 32'

+97 Cluster 8-4' Oaks

27'

+46 T.P. 27'

+23 F int. 30'

F. 29

Scattered Oaks

+14-18" Oak 29'
+05 12" Oak 32'
F 23

+87 24" Oak 29'
+68-12" Oak 43'
+51-18" Oak 22'
+25-10" Oak 46'
+25-10" Oak 49'
+21-18" Oak 39'
+27
+20-10" Oak 42'
F 23

+78 F Cor. 23'
+77 Iron Rd Sq 25'
+61 Appn. + Desota Ave

Cult

Yard

Farm Yard

Scattered Oaks

Waste Land

+08 End G.R. 15'
G.R. 14'

Hay Field Waste

G.R. 14'
59+90'

Pasture

71

70

69

68

67

66

F 31'

+77 T.P. 26

F 31'

+50 T.P. 27'

F 30'

+09 T.P. 27'
F 31'

F 31'

+79 T.P. 26'

F 31

Cult

Cult Cult.

F 27

+77-12" Oak 28
+71-10" Oak 29

+47-12" Stump 31'

+04 FCor 24'
F 24'
+99-20" Oak 32
+82-15" Oak 31

+65-12" Oak 28
+33-12" Oak 25
+08-18" Oak 26
F 24'

+13-14" Oak 24
F 24'

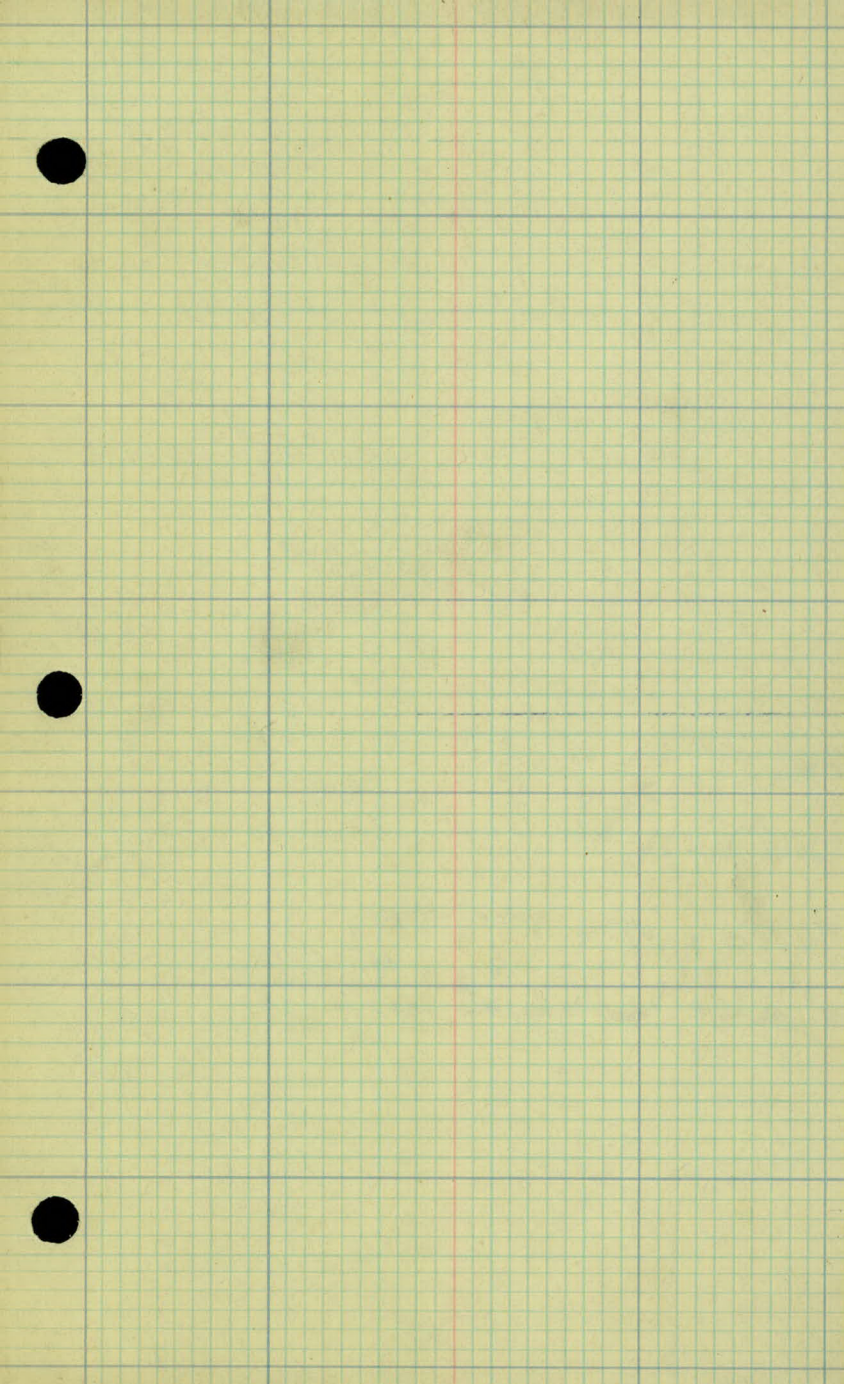
F 26'

+85-20" Oak 38
+47-12" Oak 29
+41-12" Oak 27
+15-12" Oak 45

+05-15" Oak 39
F 29

Cult X

Scattered Oaks



76

75

$$\begin{array}{r} 1 \\ 46.3 \\ \hline 50.4 \end{array}$$

74

73

72

71

+82 X Dr. 26.5' 24' +87 T.P. 50'
 18' x 45' C.M.
 +73 T.S. M.H. 175
 +26 - Side Dr. 18'
 18' x 10' C.M.
 +33 End Steps 32'
 +31 2 Steps 33'
 +26 Rd Sq. 21'
 +20 Cgr. Cone. Steps. 42'
 +10-10 Elm 42'
 +87 T.P. 24'

+88 Iron L.Sg 26
 +36 X Dr.
 18' x 60' C.M.
 +39 P.P. 18'
 +28 Rd Sq. 22'

+82-10" Elm 43'
 +56-10" Elm 44'
 +26-12" Elm. 44'

+99-10" Elm 46'
 +93 P.P. 32'
 +71 T.P. 24'
 +70-10" Elm 47'
 +53 School Dr.
 15' x 20' C.M.
 +37-8" Elm. 48'

+34 4" Elm 43'
 +30 T.P. 25'

+89-6" Elm 41'

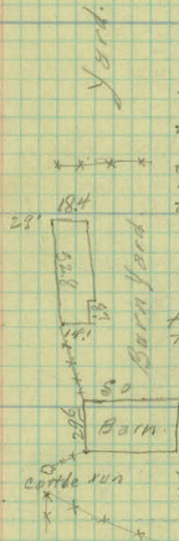
+46-6" Elm 40'

+03 T.P. 25
 +90 F Cor. 31



School Yard.

Cult X School Yard.



+57-12" Tw Oak 44
 +49-15" Oak 41
 +24 F.N+S. 30'
 +19 P.P. 34
 +07-15" Oak 34
 +94-PP. 25

+410 Cgr. Ice Ho. 32'
 +37 Ctr. Window 45

+76 Cor. Barn 44
 +68-14" Oak 22
 +54 F Cor. 23
 +51-12" Tw. Oak 31

F 25

+84 X Rd Sq. 21'

+27-14" Oak 26
 +20-12" Oak 28

+07-15" Oak 27

+50-15" Oak 31

+27-18" Oak 28

Cult.

F 26

82

81

80

79

78

77

+22 T.P. 25

G.R. 10'

Low. Waste land.

+81 T.P. 22'
+74 B.G.R. 10'
+66 B.G.R. 10E
+66 X.A.S. 9. 11'

G.R. 10'

+66 Ctr. H. pole 22'

Cult.

+99 Pr. Dr.
15" x 26" P. 14'

X06

+55 T.P. 22'

Yard

+17-36" Map. 48'

Scattered Oaks.

F 37'

+45-4 Dr #65-71

F 35

+55-30" Oak 41

+17-18" Oak 48'
F 36

+40-10" Oak 49

+12-10" Oak 39
F 36'

+85-8" Tw. Oak 45

+59-15" Oak 38'

+48-12" Oak 50

+34-30" Oak 40

F. 37'

+97-30" Oak 49

+92-14" B.E. 45

+78-10" Oak 47

+68-15" Oak 49

+65-12" Oak 42

+52-14" Oak 44

+78 F 38'

+29 Guy Pole. 22

+05 Tr. Sq. 24'

88

87

86

85

84

83

+92 T.P. 23

Cult.

+04 FCor 33 x x x x

+54 T.P. 23

F33

yard garden. x x

+42 N.S.F. 33

+42 Dbl. Dr. 12" x 50 cm. + P. 18' x x x x

+11 T.P. 23

Scattered Oaks

F365

+43 - 15" Oak 44

F42'

F44'

+95 End GR 12'

+89 T.P. 23'

+88 Δ GR 14'

Cult.

Scattered Oaks.

F444

GR 10'

F43'

+55 T.P. 25

GR 10

Low Moisture land

F40'

94

93

92

91

90

89

+41 T.P. 24'

+65-30" Oak 36

+34-15" Tw Oak 42

+07-15" Oak 41

Alfalfa.

+06 Ctr. H pole 23

yard. Platted.

+16 Appr. E Side
12" X 26 CM. 40

+62 T.P. 23

Alfalfa. Field

+6' F Cor 43⁵

Scattered Oaks

F44

+86-18" Oak 46

+29 T.P. 23

F42'

+60-N.S.F. 31' x x x x
+57 FINEst
12" X 28" old Wood 17'

+44-18" Oak 44

Cult

F38'

100

99

98

97

96

95

+97 F. Cor. 27
+87 Pr. Ent.
12" x 26 C.M. 19



+58 End GR 13'
+51 Δ G.P. 12

+18-15" Oak 33
F32 GR 12

+74 T.P. 22

+93-12" Oak 32
LF
+65 P.P. 35
Δ Fence

+31 Beg GR 12'
+19 Appr to Side Rd

+88 Beg Truck Garden.

+93-PP. 24'
+88 B
+72-12" Oak 30'
+62-12" Oak 47
+68 X P 59 14'
+68 Δ GR 12'
+60 Beg GR 13'
+40-20" Oak 47

+39 T.P. 22'

Truck Garden.
Cult. X

X +60

+98-15" Oak 48'
+89 P.D.
12" x 20 C.M. 21'

+03 T.P. 22

Plotted.

+68-15" Oak 44
+42-20" Oak 33

+72 T.P. 22

Plotted.

+47-18" B.O. 38'

+09-20" Oak 33

102

101

+55 End Side Dr. 58

15" x 60' CM

+09 End Side Dr. 26

+00 Retain. Wall 28'

+03 TP 28'

F 28'

+95 Tr. Sq. 19'

+44 Cor. Apron 61'

+20 End Apron 36'

Cable Stake
Well.

+09 T.P. 23'

+67 Edge Pav.

+59 X Dr. # 65-84

18" x 135 CM

+43 R.P. 37'

+34 Stop Sq. 26'

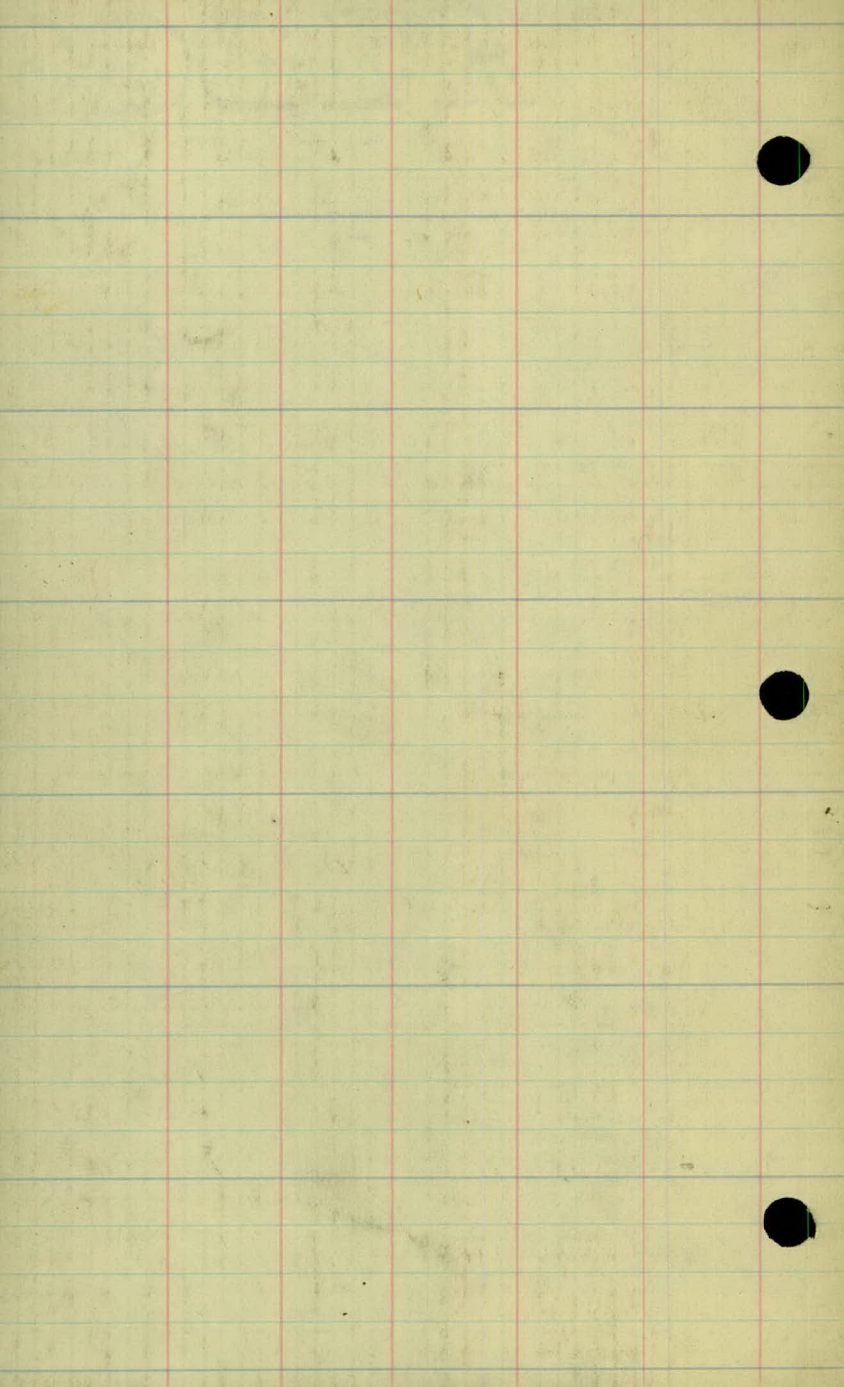
+54-15" Oak 42'

+58-12" Oak 36'

+36-18" Oak 46'

+12-15" Oak 29'

F 36' L.F.



spt in Tw. Hill S.W. cor Rice & A².

Xsections

Co. Rd. "A²"

Rice to Arcade

Sta	+	HI	-	Elev.	
BM	10.58	872.41		861.83	
0+00		± Pave	(Rice St)	62.31	
				862.27	
+18		Top Sh.		62.6 ✓	
+23		Toe Sh.		62.6 ✓	
+29		Top Back Slope		62.7 ✓	
+62				62.9 ✓	
+68				62.9 ✓	
1+00				63.0 ✓	
+50				63.4 ✓	
+71				63.7 ✓	
2				64.2 ✓	
+50				65.1 ✓	
3				65.8 ✓	
+50				66.3 ✓	
T.P.	5.66	873.31	4.76	867.65	

Left. ♀ Right

Spt in Light Pole S.W. cor A² & Rice St.

$\frac{83}{50}$	$\frac{93}{23}$	10.1	$\frac{11.1}{28}$	$\frac{12.0}{50}$
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$\frac{85}{50}$	$\frac{97}{20}$	9.8	$\frac{11.2}{24}$	$\frac{10.8}{33}$	$\frac{11.7}{50}$
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$\frac{9.6}{50}$	$\frac{106}{27}$	$\frac{11.4}{19}$	$\frac{9.9}{17}$	9.8	$\frac{11.0}{21}$	$\frac{13.2}{23}$	$\frac{13.6}{50}$
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$\frac{7.8}{50}$	$\frac{7.4}{25}$	$\frac{11.0}{19}$	$\frac{9.8}{15}$	9.7	$\frac{10.7}{18}$	$\frac{12.5}{23}$	$\frac{8.9}{29}$	$\frac{9.5}{50}$
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$\frac{6.5}{50}$	$\frac{6.5}{25}$	$\frac{10.5}{17}$	$\frac{9.8}{12}$	9.5	$\frac{10.0}{14}$	$\frac{11.0}{17}$	$\frac{10.4}{21}$	$\frac{7.6}{28}$	$\frac{5.8}{35}$	$\frac{20}{41}$	$\frac{24}{50}$
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$\frac{6.7}{50}$	$\frac{6.5}{25}$	$\frac{10.0}{18}$	$\frac{10.7}{16}$	$\frac{9.8}{12}$	9.5	$\frac{10.0}{14}$	$\frac{11.0}{17}$	$\frac{9.5}{22}$	$\frac{1.7}{30}$	$\frac{3.0}{50}$
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$\frac{6.0}{50}$	$\frac{5.7}{26}$	$\frac{10.3}{18}$	$\frac{10.3}{16}$	$\frac{9.6}{12}$	9.4	$\frac{9.8}{13}$	$\frac{12.6}{16}$	$\frac{9.6}{20}$	$\frac{4.6}{27}$	$\frac{5.1}{50}$
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$\frac{3.9}{50}$	$\frac{3.1}{24}$	$\frac{9.5}{18}$	$\frac{9.6}{14}$	$\frac{9.2}{12}$	9.0	$\frac{9.5}{13}$	$\frac{10.3}{16}$	$\frac{10.3}{20}$	$\frac{6.7}{27}$	$\frac{7.9}{31}$	$\frac{9.2}{50}$
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$\frac{1.1}{50}$	$\frac{1.7}{28}$	$\frac{8.9}{19}$	$\frac{9.4}{15}$	$\frac{8.9}{11}$	8.7	$\frac{9.2}{13}$	$\frac{10.0}{17}$	$\frac{9.5}{20}$	$\frac{4.5}{27}$	$\frac{6.1}{38}$	$\frac{10.0}{50}$
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$\frac{0.0}{50}$	$\frac{1.0}{29}$	$\frac{9.1}{19}$	$\frac{9.1}{15}$	$\frac{8.5}{12}$	8.2	$\frac{8.8}{13}$	$\frac{9.7}{16}$	$\frac{9.7}{19}$	$\frac{5.6}{25}$	$\frac{7.0}{50}$
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$\frac{0.0}{50}$	$\frac{1.4}{29}$	$\frac{7.6}{21}$	$\frac{8.3}{16}$	$\frac{7.4}{12}$	7.3	$\frac{7.9}{13}$	$\frac{8.1}{16}$	$\frac{8.7}{20}$	$\frac{6.1}{25}$	$\frac{10.0}{50}$
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$\frac{1.0}{50}$	$\frac{1.4}{29}$	$\frac{7.9}{21}$	$\frac{7.9}{17}$	$\frac{7.0}{13}$	6.6	$\frac{6.9}{11}$	$\frac{8.0}{26}$	$\frac{12.7}{50}$
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$\frac{1.5}{50}$	$\frac{2.0}{29}$	$\frac{7.2}{22}$	$\frac{7.2}{18}$	$\frac{6.5}{15}$	6.1	$\frac{7.1}{14}$	$\frac{10.1}{20}$	$\frac{12.2}{31}$	$\frac{13.7}{36}$	$\frac{14.0}{47}$	$\frac{16.0}{50}$
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Nail in W. end of S. G. R. 3 + 25

Station + H.I. - Elev

873.37

4 67.3 ✓

+20 67.7 ✓

+50 68.6 ✓

5 70.7 ✓

+50 73.2 ✓

6 75.3 ✓

+50 77.1 ✓

T.P. 12.54 885.38 0.47 872.84

6 75.3

+50 77.1

7 79.7 ✓

+50 82.3 ✓

8 84.5 ✓

T.P. 8.02 893.05 0.35 885.03

+50 86.7 ✓

LEFT

E

RIGHT

Hand level

$\frac{22}{50}$	$\frac{34}{28}$	$\frac{70}{22}$	$\frac{63}{12}$	60	$\frac{71}{15}$	$\frac{114}{23}$	$\frac{134}{31}$	$\frac{158}{38}$	$\frac{169}{50}$
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$\frac{37}{50}$	$\frac{32}{28}$	$\frac{65}{24}$	$\frac{70}{17}$	$\frac{60}{15}$	56	$\frac{68}{15}$	$\frac{130}{25}$	$\frac{149}{32}$	$\frac{166}{37}$	$\frac{174}{50}$
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$\frac{44}{50}$	$\frac{61}{22}$	$\frac{62}{19}$	$\frac{54}{15}$	47	$\frac{60}{15}$	$\frac{130}{25}$	$\frac{162}{33}$	$\frac{174}{37}$	$\frac{186}{50}$
-----------------	-----------------	-----------------	-----------------	----	-----------------	------------------	------------------	------------------	------------------

$\frac{37}{50}$	$\frac{50}{38}$	$\frac{49}{25}$	$\frac{34}{21}$	$\frac{30}{15}$	26	$\frac{36}{15}$	$\frac{94}{23}$	$\frac{130}{27}$	$\frac{153}{32}$	$\frac{175}{37}$	$\frac{186}{50}$
-----------------	-----------------	-----------------	-----------------	-----------------	----	-----------------	-----------------	------------------	------------------	------------------	------------------

$\frac{16}{50}$	$\frac{36}{30}$	$\frac{32}{23}$	$\frac{11}{19}$	005	$\frac{09}{16}$	$\frac{72}{22}$	$\frac{81}{29}$	Face Turn.
-----------------	-----------------	-----------------	-----------------	-----	-----------------	-----------------	-----------------	------------

$\frac{50}{50}$	$\frac{56}{36}$	$\frac{44}{29}$	12.0
-----------------	-----------------	-----------------	------

$\frac{98}{50}$	$\frac{98}{46}$	$\frac{97}{39}$	13.8
-----------------	-----------------	-----------------	------

$\frac{114}{20}$	10.1	$\frac{11.0}{17}$	$\frac{13.8}{23}$
------------------	------	-------------------	-------------------

$\frac{94}{20}$	8.3	$\frac{94}{14}$
-----------------	-----	-----------------

$\frac{69}{21}$	5.7	$\frac{63}{14}$
-----------------	-----	-----------------

$\frac{44}{21}$	3.1	$\frac{40}{14}$
-----------------	-----	-----------------

$\frac{23}{20}$	0.9	$\frac{15}{13}$
-----------------	-----	-----------------

$\frac{78}{17}$	6.4	$\frac{73}{13}$
-----------------	-----	-----------------

Sta. + HI - Elev
893.05

+24 W. end Bridge 87.7

9 +28.3 Ctr. Bridge over Tracks 87.9

9 +76 E. end Bridge 87.7

10 88.3

+50 89.7 ✓

+60 90.0 ✓

11 90.8 ✓

T.P. 186 891.19

+27 91.3

+45 91.6

T.P. 0.96 892.09

T.P. 3.11 870.76 ✓ 867.65

6. 75.3

+50 77.1

7 79.7

$$\frac{9.7}{16} \quad \frac{7.2}{11} \quad \frac{5.4}{10} \quad 5.4 \quad \frac{6.0}{13} \quad \frac{9.4}{16}$$

52

Same as 9475 Next Page. $\frac{10.6}{19} \quad \frac{7.4}{14} \quad \frac{5.8}{12} \quad 5.4 \quad \frac{5.5}{11} \quad \frac{10.1}{14}$ Same as 9475 Next Page.

$$\frac{5.8}{14} \quad 4.8 \quad \frac{5.3}{14}$$

$$\frac{12.9}{50} \quad \frac{15.1}{32} \quad \frac{13.2}{27} \quad \frac{4.1}{15} \quad 3.4 \quad \frac{4.2}{15} \quad \frac{9.2}{24} \quad \frac{11.7}{32} \quad \frac{13.6}{50}$$

$$\frac{14.4}{50} \quad \frac{12.7}{36} \quad \frac{10.1}{25} \quad \frac{3.9}{15} \quad 3.1 \quad \frac{4.1}{16} \quad \frac{9.3}{28} \quad \frac{11.8}{36} \quad \frac{13.5}{50}$$

$$\frac{15.0}{50} \quad \frac{13.0}{28} \quad \frac{3.0}{15} \quad 2.3 \quad \frac{2.8}{17} \quad \frac{2.3}{36} \quad \frac{2.3}{50}$$

$$\frac{13.6}{50} \quad \frac{7.4}{39} \quad \frac{7.6}{28} \quad \frac{2.6}{19} \quad 1.8 \quad \frac{2.0}{15} \quad \frac{1.4}{33} \quad \frac{1.1}{50}$$

$$\frac{4.2}{50} \quad \frac{3.1}{43} \quad \frac{2.7}{32} \quad \frac{2.0}{18} \quad 1.5 \quad \frac{1.5}{14} \quad \frac{1.3}{35} \quad \frac{0.9}{50}$$

Nail in F. Post 32' 14" 11' 50"

$$+ 4.5 \quad \frac{6.2}{32} \quad \frac{7.6}{36} \quad \frac{8.6}{50}$$

$$+ 6.3 \quad \frac{10.7}{37} \quad \frac{12.2}{50}$$

$$+ 8.9 \quad \frac{8.9}{36} \quad \frac{10.0}{46} \quad \frac{10.2}{50}$$

Sta + H.I. - Elev
87076

+50 82.3

8 84.5

+50 86.7

+74 87.7 ✓

T.P. 7.42 869.97 8.21 862.55

9 Under Bridge 67.3 ✓

+283 L Tracks. under Bridge 63.0 ✓

Top W. Rail 6.38 863.59

+52 Under Bridge 66.8 ✓

+75 E. abutement. 72.0 ✓

10 88.3 ✓

T.P. 7.30 873.76 3.51 866.46 ✓

7 79.7

+50 82.3

8 84.5

+50 86.7

Left. $\neq$ Right

$$+11.5 \quad \frac{9.5}{39} \quad \frac{9.8}{46} \quad \frac{11.1}{50}$$

$$+13.7 \quad \frac{7.0}{37} \quad \frac{9.0}{41} \quad \frac{11.1}{45} \quad \frac{12.0}{50}$$

$$+15.9 \quad \frac{6.4}{39} \quad \frac{10.4}{50}$$

$$+16.9 \quad \frac{8.3}{43} \quad \frac{11.2}{50} \quad \frac{13.8}{54} \quad \frac{15.5}{60}$$

$$\frac{12.1}{50} \quad \frac{5.4}{34} \quad \frac{1.0}{20} \quad 2.7 \quad \frac{3.7}{12} \quad \frac{5.9}{28} \quad \frac{8.0}{40} \quad \frac{8.0}{50}$$

$$\frac{10.4}{52} \quad \frac{8.6}{45} \quad \frac{6.4}{32} \quad \frac{6.1}{25} \quad \frac{7.0}{18} \quad 7.0 \quad \frac{7.6}{21} \quad \frac{6.7}{22} \quad \frac{6.4}{33} \quad \frac{8.4}{44} \quad \frac{8.7}{50}$$

$$\frac{6.2}{50} \quad \frac{6.7}{24} \quad \frac{4.4}{24} \quad 3.2 \quad \frac{3.5}{23} \quad \frac{6.1}{34} \quad \frac{6.8}{50}$$

$$\frac{4.0}{50} \quad \frac{2.7}{38} \quad \frac{+8.0}{21} \quad \frac{+2.0}{12} \quad \text{over H.I.} \quad +36 \quad \frac{+8.3}{17} \quad \frac{+1.8}{41} \quad \frac{5.9}{50}$$

$$+18.3 \quad \frac{3.3}{45} \quad \frac{3.6}{50}$$

Nail End of Retaining Wall N. under Bridge.

$$\frac{12.0}{60} \quad \frac{11.4}{50} \quad \frac{10.1}{43} \quad +5.9$$

$$\frac{8.3}{65} \quad \frac{7.8}{50} \quad \frac{6.8}{42} \quad +8.5$$

$$\frac{5.0}{69} \quad \frac{5.2}{50} \quad \frac{4.7}{42} \quad +10.7$$

$$\frac{13.0}{67} \quad \frac{11.4}{50} \quad +12.9$$

873.76

+74

87.7

T.P.

6.12

867.64

T.P.

7.60

899.69

892.09

11+68

91.7 ✓

12

91.9 ✓

+50

92.6 ✓

+85

93.1 ✓

13

93.4 ✓

+50

94.1 ✓

14

94.9 ✓

+50

95.7 ✓

15

96.6 ✓

+50

97.2 ✓

16

97.9 ✓

Rainy Cloudy warm indifferent. 80 F

$$\begin{array}{r} 146 \\ 68 \\ \hline \end{array} \quad \begin{array}{r} 128 \\ 51 \\ \hline \end{array} \quad +13.9$$

Nail in W. end of S. G. R. 3+25

(X = Toe Reservoir Slope)

Nail in F. P. 32 Lt. 11+50

$$\begin{array}{r} 10.1 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 9.1 \\ 2.2 \\ \hline \end{array} \quad \begin{array}{r} 8.0 \\ 18 \\ \hline \end{array} \quad 8.0 \quad \begin{array}{r} 8.2 \\ 11 \\ \hline \end{array} \quad \begin{array}{r} 8.7 \\ 17 \\ \hline \end{array} \quad \begin{array}{r} 7.9 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 9.4 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 8.9 \\ 23 \\ \hline \end{array} \quad \begin{array}{r} 9.5 \\ 21 \\ \hline \end{array} \quad \begin{array}{r} 8.6 \\ 16 \\ \hline \end{array} \quad \begin{array}{r} 8.1 \\ 11 \\ \hline \end{array} \quad 7.8 \quad \begin{array}{r} 8.2 \\ 17 \\ \hline \end{array}$$

$$\begin{array}{r} 8.1 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 7.2 \\ 24 \\ \hline \end{array} \quad \begin{array}{r} 8.6 \\ 21 \\ \hline \end{array} \quad \begin{array}{r} 7.8 \\ 14 \\ \hline \end{array} \quad 7.1 \quad \begin{array}{r} 7.8 \\ 17 \\ \hline \end{array} \quad \begin{array}{r} 6.6 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 3.3 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 2.3 \\ 3.2 \\ \hline \end{array} \quad \begin{array}{r} 6.9 \\ 25 \\ \hline \end{array} \quad \begin{array}{r} 7.6 \\ 20 \\ \hline \end{array} \quad \begin{array}{r} 6.8 \\ 13 \\ \hline \end{array} \quad 6.6 \quad \begin{array}{r} 7.2 \\ 18 \\ \hline \end{array} \quad \begin{array}{r} 6.5 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 7.9 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 4.5 \\ 3.0 \\ \hline \end{array} \quad \begin{array}{r} 7.2 \\ 25 \\ \hline \end{array} \quad 6.3 \quad \begin{array}{r} 7.0 \\ 19 \\ \hline \end{array} \quad \begin{array}{r} 7.2 \\ 15 \\ \hline \end{array} \quad \begin{array}{r} 6.5 \\ 30 \\ \hline \end{array} \quad \begin{array}{r} 7.1 \\ 30 \\ \hline \end{array}$$

$$\begin{array}{r} 9.7 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 9.0 \\ 4.1 \\ \hline \end{array} \quad \begin{array}{r} 6.6 \\ 4.0 \\ \hline \end{array} \quad \begin{array}{r} 5.0 \\ 2.7 \\ \hline \end{array} \quad \begin{array}{r} 6.2 \\ 19 \\ \hline \end{array} \quad 5.6 \quad \begin{array}{r} 6.2 \\ 19 \\ \hline \end{array} \quad \begin{array}{r} 5.5 \\ 22 \\ \hline \end{array}$$

$$\begin{array}{r} 10.8 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 7.9 \\ 3.8 \\ \hline \end{array} \quad \begin{array}{r} 4.6 \\ 3.4 \\ \hline \end{array} \quad \begin{array}{r} 5.2 \\ 2.9 \\ \hline \end{array} \quad 4.8 \quad \begin{array}{r} 5.4 \\ 2.1 \\ \hline \end{array} \quad \begin{array}{r} 5.1 \\ 2.7 \\ \hline \end{array}$$

$$\begin{array}{r} 6.0 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 5.9 \\ 2.5 \\ \hline \end{array} \quad \begin{array}{r} 4.3 \\ 2.1 \\ \hline \end{array} \quad 4.0 \quad \begin{array}{r} 4.8 \\ 2.0 \\ \hline \end{array} \quad \begin{array}{r} 3.2 \\ 2.6 \\ \hline \end{array}$$

$$\begin{array}{r} 2.1 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 2.9 \\ 3.5 \\ \hline \end{array} \quad \begin{array}{r} 3.5 \\ 2.1 \\ \hline \end{array} \quad 3.1 \quad \begin{array}{r} 4.0 \\ 2.1 \\ \hline \end{array} \quad \begin{array}{r} 3.3 \\ 2.2 \\ \hline \end{array} \quad \begin{array}{r} 3.2 \\ 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 8.5 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 6.1 \\ 3.6 \\ \hline \end{array} \quad \begin{array}{r} 3.2 \\ 1.6 \\ \hline \end{array} \quad 2.5 \quad \begin{array}{r} 3.2 \\ 2.0 \\ \hline \end{array} \quad \begin{array}{r} 2.8 \\ 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 3.8 \\ 5.0 \\ \hline \end{array} \quad \begin{array}{r} 3.2 \\ 1.7 \\ \hline \end{array} \quad \begin{array}{r} 2.5 \\ 1.4 \\ \hline \end{array} \quad 1.8 \quad \begin{array}{r} 2.6 \\ 2.2 \\ \hline \end{array} \quad \begin{array}{r} 1.9 \\ 2.3 \\ \hline \end{array} \quad \begin{array}{r} 2.1 \\ 2.6 \\ \hline \end{array}$$

Sta + 4.1 - E104

899.69

+36

98.3

✓

17

99.1

✓

T.P

983

908.96

0.52

899.17

899.13

11+68

91.7

12

91.9

+50

92.6

+85

93.1

13

93.4

+50

94.1

14

94.9

+50

95.7

15

96.6

+50

97.2

16

97.9

Left & Right.

$\frac{8.7}{5.0}$ $\frac{4.0}{2.5}$ $\frac{3.2}{1.8}$ $\frac{2.2}{1.4}$ 14 $\frac{2.2}{2.2}$ $\frac{1.3}{2.3}$ $\frac{0.0}{2.9}$

$\frac{20.0}{6.5}$ $\frac{15.5}{5.0}$ $\frac{10.7}{3.3}$ $\frac{7.5}{2.5}$ $\frac{2.0}{1.5}$ 0.6 $\frac{1.5}{2.1}$ $\frac{0.7}{2.4}$

Nail in G.R. Lt-16+35

17.3 $\frac{4.7}{3.5}$ $\frac{5.1}{5.0}$ ✓

17.5 $\frac{4.5}{3.4}$ $\frac{5.0}{5.0}$ ✓

16.4 $\frac{5.3}{3.3}$ $\frac{5.0}{4.7}$ ✓

15.9 $\frac{6.3}{3.4}$ $\frac{5.3}{4.7}$ ✓

15.6 $\frac{6.0}{3.4}$ $\frac{5.2}{4.7}$ ✓

14.9 $\frac{5.6}{3.5}$ $\frac{5.1}{4.7}$ ✓

14.1 $\frac{4.9}{3.6}$ $\frac{4.4}{5.0}$ ✓

13.3 $\frac{4.9}{3.6}$ $\frac{4.4}{5.0}$ ✓

12.4 $\frac{5.2}{3.5}$ $\frac{4.7}{4.9}$ ✓

11.8 $\frac{4.7}{3.6}$ $\frac{4.4}{4.8}$ ✓

11.1 $\frac{4.6}{3.6}$ $\frac{4.3}{5.0}$ ✓

Top.
Reservoir

Sta.	+	HI.	-	Elev.
------	---	-----	---	-------

908.96

+36

17

99.1 ✓

T.P

4.84

903.97

9.83

899.13

+50

99.4 ✓

18

99.6 ✓

+40

99.6 ✓

19

99.8 ✓

+50

99.5 ✓

20

99.2 ✓

+50

99.0 ✓

21

98.7 ✓

+50

98.3 ✓

22

97.8 ✓

+50

97.3 ✓

Lt.

L

Rt.

$$10.7 \quad \frac{45}{36} \quad \frac{41}{50}$$

$$9.9 \quad \frac{84}{35} \quad \frac{50}{42} \quad \frac{40}{50}$$

$$\frac{192}{50} \quad \frac{153}{31} \quad \frac{5.6}{15} \quad 4.6 \quad \frac{5.4}{22} \quad \frac{5.1}{26} \quad \frac{4.8}{32} \quad \frac{2.7}{40} \quad \frac{2.5}{50}$$

$$\frac{198}{50} \quad \frac{18.7}{41} \quad \frac{164}{39} \quad \frac{15.9}{33} \quad \frac{104}{23} \quad \frac{5.4}{15} \quad 4.4 \quad \frac{53}{21} \quad \frac{7.7}{29} \quad \frac{9.0}{40} \quad \frac{8.0}{44} \quad \frac{8.2}{50}$$

$$\frac{198}{50} \quad \frac{180}{40} \quad \frac{160}{30} \quad \frac{7.2}{22} \quad \frac{5.3}{15} \quad 4.4 \quad \frac{51}{20} \quad \frac{64}{25} \quad \frac{5.8}{28} \quad \frac{7.9}{34} \quad \frac{8.1}{50}$$

$$\frac{144}{50} \quad \frac{9.0}{31} \quad \frac{104}{26} \quad \frac{9.2}{22} \quad \frac{5.1}{15} \quad 4.2 \quad \frac{4.7}{15} \quad \frac{5.9}{22} \quad \frac{0.9}{29} \quad \frac{0.5}{41} \quad \frac{1.5}{50}$$

$$\frac{4.1}{50} \quad \frac{0.2}{22} \quad \frac{37}{22} \quad \frac{5.9}{17} \quad \frac{4.8}{11} \quad 4.5 \quad \frac{50}{14} \quad \frac{5.3}{20} \quad \frac{2.3}{26}$$

$$\frac{10}{27} \quad \frac{4.3}{20} \quad \frac{5.4}{15} \quad \frac{5.1}{10} \quad 4.8 \quad \frac{5.7}{19} \quad \frac{4.0}{22} \quad \frac{0.6}{28}$$

$$\frac{10}{26} \quad \frac{4.1}{18} \quad \frac{5.3}{17} \quad \frac{5.2}{11} \quad 5.0 \quad \frac{5.8}{17} \quad \frac{5.2}{20} \quad \frac{3.5}{23} \quad \frac{0.2}{29}$$

$$\frac{0.0}{27} \quad \frac{1.3}{23} \quad \frac{4.0}{19} \quad \frac{5.7}{17} \quad \frac{5.8}{13} \quad 5.3 \quad \frac{6.0}{18} \quad \frac{5.7}{20} \quad \frac{3.7}{22} \quad \frac{1.4}{26} \quad \frac{0.0}{31}$$

$$\frac{13}{27} \quad \frac{4.5}{20} \quad \frac{6.1}{18} \quad 5.7 \quad \frac{6.5}{19} \quad \frac{4.6}{22} \quad \frac{1.0}{27}$$

$$\frac{3.8}{24} \quad \frac{5.3}{20} \quad \frac{6.6}{18} \quad 6.3 \quad \frac{6.8}{20} \quad \frac{5.2}{21}$$

$$\frac{5.1}{25} \quad \frac{5.7}{21} \quad \frac{7.2}{18} \quad 6.7 \quad \frac{7.3}{20} \quad \frac{5.5}{21}$$

903.97

23

96.8 ✓

+50

96.3 ✓

+92

95.9 ✓

24

T.P. 13.77 917.46 0.28 903.69
19+50 99.5

20

99.2 ✓

+50

99.0

21

T.P. 13.71 917.40 13.77 903.69
+50 98.3

22

97.8

+50

97.3

23

96.8

+50

96.3

Lt.

L

Rt

$$\begin{array}{r} 5.5 \\ 2.2 \end{array} \begin{array}{r} 7.6 \\ 2.0 \end{array} \begin{array}{r} 7.2 \\ 7.2 \end{array} \begin{array}{r} 7.9 \\ 1.9 \end{array} \begin{array}{r} 6.7 \\ 2.3 \end{array}$$

$$\begin{array}{r} 2.2 \\ 2.8 \end{array} \begin{array}{r} 5.9 \\ 2.2 \end{array} \begin{array}{r} 8.2 \\ 1.9 \end{array} \begin{array}{r} 7.7 \\ 7.7 \end{array} \begin{array}{r} 7.9 \\ 1.2 \end{array} \begin{array}{r} 8.3 \\ 2.0 \end{array} \begin{array}{r} 6.5 \\ 2.3 \end{array}$$

$$\begin{array}{r} 3.5 \\ 2.8 \end{array} \begin{array}{r} 7.3 \\ 2.2 \end{array} \begin{array}{r} 8.1 \\ 2.0 \end{array} \begin{array}{r} 8.2 \\ 1.3 \end{array} \begin{array}{r} 8.1 \\ 8.1 \end{array} \begin{array}{r} 8.6 \\ 1.4 \end{array} \begin{array}{r} 9.4 \\ 2.0 \end{array} \begin{array}{r} 6.1 \\ 2.5 \end{array} \begin{array}{r} 1.8 \\ 2.9 \end{array}$$

$$18.0 \begin{array}{r} 8.5 \\ 3.4 \end{array} \begin{array}{r} 9.9 \\ 5.0 \end{array}$$

$$18.3 \begin{array}{r} 5.0 \\ 3.9 \end{array} \begin{array}{r} 5.9 \\ 4.4 \end{array} \begin{array}{r} 6.6 \\ 5.0 \end{array}$$

$$18.5 \begin{array}{r} 2.0 \\ 4.4 \end{array} \begin{array}{r} 3.6 \\ 5.0 \end{array}$$

$$18.8 \begin{array}{r} 1.3 \\ 4.2 \end{array} \begin{array}{r} 2.4 \\ 4.6 \end{array} \begin{array}{r} 3.0 \\ 5.0 \end{array}$$

$$19.1 \begin{array}{r} 4.0 \\ 4.0 \end{array} \begin{array}{r} 5.1 \\ 4.5 \end{array} \begin{array}{r} 5.5 \\ 5.0 \end{array}$$

$$19.6 \begin{array}{r} 6.7 \\ 3.6 \end{array} \begin{array}{r} 8.0 \\ 4.2 \end{array} \begin{array}{r} 8.4 \\ 5.0 \end{array}$$

$$19.9 \begin{array}{r} 9.0 \\ 3.4 \end{array} \begin{array}{r} 8.5 \\ 3.5 \end{array} \begin{array}{r} 9.6 \\ 4.0 \end{array} \begin{array}{r} 9.9 \\ 5.0 \end{array}$$

$$20.6 \begin{array}{r} 10.2 \\ 3.4 \end{array} \begin{array}{r} 9.7 \\ 3.6 \end{array} \begin{array}{r} 10.7 \\ 3.9 \end{array} \begin{array}{r} 11.5 \\ 5.0 \end{array}$$

$$21.1 \begin{array}{r} 12.8 \\ 3.1 \end{array} \begin{array}{r} 12.7 \\ 3.5 \end{array} \begin{array}{r} 14.0 \\ 4.0 \end{array} \begin{array}{r} 15.2 \\ 5.0 \end{array}$$

917.40

23+92

95.9

20

99.2

+50

99.0

21

+50

98.3

22

97.8

+50

97.3

23

96.8

+50

96.3

+92

95.9

24

+14 Appl. & Cortland

T.P. 1.95 905.70 13.65 903.75

B.M. 3.75 899.10 10.40 895.30 895.35

21.5

 $\frac{16.2}{50}$

$\frac{8.3}{50}$	$\frac{6.7}{36}$	18.3
------------------	------------------	------

$\frac{1.7}{50}$	$\frac{11}{46}$	$\frac{20}{42}$	18.5
------------------	-----------------	-----------------	------

$\frac{0.6}{55}$	$\frac{+1.1}{47}$	18.8
------------------	-------------------	------

over H.I.

$\frac{+0.4}{50}$	$\frac{+1.2}{46}$	19.1
-------------------	-------------------	------

$\frac{2.4}{50}$	$\frac{1.9}{42}$	19.6
------------------	------------------	------

$\frac{5.5}{50}$	$\frac{5.9}{47}$	$\frac{5.1}{40}$	19.9
------------------	------------------	------------------	------

$\frac{7.0}{50}$	$\frac{7.3}{45}$	$\frac{6.5}{37}$	20.6
------------------	------------------	------------------	------

$\frac{7.7}{50}$	$\frac{7.7}{42}$	$\frac{7.0}{37}$	21.1
------------------	------------------	------------------	------

$\frac{11.0}{50}$	$\frac{10.8}{39}$	$\frac{10.0}{37}$	$\frac{10.4}{34}$	21.5
-------------------	-------------------	-------------------	-------------------	------

$\frac{11.8}{50}$	$\frac{11.5}{38}$	$\frac{11.0}{36}$	$\frac{11.1}{34}$	21.6
-------------------	-------------------	-------------------	-------------------	------

$\frac{13.4}{50}$	$\frac{13.1}{39}$	$\frac{12.5}{35}$	$\frac{13.3}{31}$	21.8
-------------------	-------------------	-------------------	-------------------	------

spk in R.P. S.E. cor. A³ Cortland.

Sta	+	H.I.	-	Elev
		899.10		
24				95.8 ✓

+14	±	Cortland		95.6 ✓
-----	---	----------	--	--------

+32				95.3 ✓
-----	--	--	--	--------

+39				95.2 ✓
-----	--	--	--	--------

+65				94.8 ✓
-----	--	--	--	--------

25				94.6 ✓
----	--	--	--	--------

+50				94.3 ✓
-----	--	--	--	--------

26				94.0 ✓
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+50				93.2 ✓
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27				92.7 ✓
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+50				92.3 ✓
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28				91.6 ✓
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T.P.	319	894.89	7.40	891.70
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+50				91.2 ✓
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LEFT

X

RIGHT

$$\begin{array}{ccccccc} \frac{2.0}{2.3} & \frac{2.7}{2.1} & \frac{4.0}{2.0} & \frac{3.7}{1.4} & 3.3 & \frac{3.8}{1.4} & \frac{5.2}{1.7} & \frac{5.2}{1.9} & \frac{3.9}{2.2} & \frac{3.5}{3.5} & \frac{3.3}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{2.9}{2.2} & \frac{3.4}{2.0} & \frac{4.3}{1.9} & \frac{4.0}{1.4} & 3.5 & \frac{3.8}{2.1} & \frac{3.2}{5.0} \end{array}$$

over H1.

$$\begin{array}{ccccccc} \frac{+2.6}{5.0} & \frac{+2.3}{3.8} & \frac{+3.2}{3.3} & \frac{+2.2}{2.9} & \frac{4.2}{2.1} & \frac{4.7}{2.0} & \frac{4.2}{1.4} & 3.8 & \frac{4.2}{1.9} & \frac{2.7}{3.4} & \frac{3.5}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{+1.1}{5.0} & \frac{+1.4}{3.8} & \frac{+2.1}{3.3} & \frac{+1.2}{2.9} & \frac{4.4}{2.1} & \frac{4.8}{2.0} & \frac{4.3}{1.4} & 3.9 & \frac{4.4}{1.7} & \frac{5.8}{1.8} & \frac{5.8}{2.1} & \frac{2.7}{2.5} & \frac{0.6}{3.1} & \frac{1.6}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{1.0}{5.0} & \frac{1.9}{3.4} & \frac{1.3}{3.1} & \frac{5.3}{1.9} & \frac{4.9}{1.5} & 4.3 & \frac{5.0}{1.8} & \frac{5.9}{1.9} & \frac{5.1}{2.2} & \frac{2.8}{2.6} & \frac{2.2}{3.5} & \frac{3.6}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{4.3}{5.0} & \frac{3.8}{3.1} & \frac{3.2}{3.0} & \frac{3.6}{2.3} & \frac{5.6}{2.0} & \frac{5.6}{1.7} & \frac{5.2}{1.5} & 4.5 & \frac{5.1}{1.4} & \frac{5.6}{1.9} & \frac{4.3}{2.4} & \frac{4.4}{3.7} & \frac{5.4}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{6.5}{5.0} & \frac{5.5}{3.0} & \frac{5.8}{2.5} & \frac{6.6}{2.2} & \frac{6.6}{1.8} & \frac{5.4}{1.5} & 4.8 & \frac{5.3}{1.4} & \frac{6.3}{1.9} & \frac{7.7}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{7.5}{5.0} & \frac{7.0}{2.9} & \frac{5.3}{1.5} & 5.1 & \frac{5.5}{1.4} & \frac{7.0}{2.5} & \frac{8.5}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{9.3}{5.0} & \frac{8.0}{2.3} & \frac{6.6}{1.7} & 5.9 & \frac{6.5}{1.4} & \frac{8.0}{3.0} & \frac{9.2}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{10.0}{5.0} & \frac{9.1}{2.1} & \frac{6.8}{1.5} & 6.4 & \frac{6.8}{1.4} & \frac{8.9}{2.0} & \frac{9.6}{3.7} & \frac{10.4}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{11.6}{5.0} & \frac{10.4}{2.2} & \frac{7.7}{1.6} & 6.8 & \frac{7.4}{1.3} & \frac{7.9}{1.7} & \frac{10.0}{2.1} & \frac{11.2}{3.8} & \frac{11.6}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{12.0}{5.0} & \frac{12.0}{3.8} & \frac{11.1}{2.2} & \frac{7.9}{1.5} & 7.5 & \frac{8.0}{1.4} & \frac{10.5}{1.9} & \frac{11.6}{3.6} & \frac{12.2}{5.0} \end{array}$$

$$\begin{array}{ccccccc} \frac{7.7}{5.0} & \frac{7.9}{3.9} & \frac{6.4}{2.1} & \frac{4.1}{1.5} & 3.7 & \frac{4.4}{1.5} & \frac{7.1}{1.9} & \frac{7.8}{3.8} & \frac{8.2}{5.0} \end{array}$$

Sta + H.I. - Elev

894.89

29 90.8 ✓

+50 90.5 ✓

30 90.5 ✓

+50 90.1 ✓

31 89.9 ✓

+50 89.8 ✓

32 89.6 ✓

+50 89.6 ✓

33 89.3 ✓

+50 88.5 ✓

T.P. 730 895.57 6.62 888.27 ✓

34 87.6 ✓

+50 86.7 ✓

35 85.4 ✓

L

E

R

$$\frac{7.3}{5.0} \quad \frac{7.6}{3.9} \quad \frac{7.2}{2.2} \quad \frac{4.7}{1.7} \quad 4.1 \quad \frac{4.6}{1.3} \quad \frac{5.0}{1.5} \quad \frac{6.8}{1.9} \quad \frac{7.6}{3.6} \quad \frac{7.9}{5.0}$$

$$\frac{8.0}{5.0} \quad \frac{6.8}{2.2} \quad \frac{5.4}{1.9} \quad \frac{4.9}{1.4} \quad 4.4 \quad \frac{4.9}{1.4} \quad \frac{7.2}{1.9} \quad \frac{7.6}{3.6} \quad \frac{7.7}{5.0}$$

$$\frac{7.7}{5.0} \quad \frac{7.8}{3.7} \quad \frac{7.0}{2.1} \quad \frac{5.6}{1.8} \quad \frac{5.1}{1.4} \quad 4.4 \quad \frac{5.0}{1.4} \quad \frac{7.0}{1.8} \quad \frac{7.3}{3.4} \quad \frac{7.3}{5.0}$$

$$\frac{7.3}{5.0} \quad \frac{6.9}{2.8} \quad \frac{7.1}{2.0} \quad \frac{5.7}{1.7} \quad \frac{5.2}{1.3} \quad 4.8 \quad \frac{5.2}{1.3} \quad \frac{6.9}{1.7} \quad \frac{7.0}{3.2} \quad \frac{6.8}{5.0}$$

$$\frac{7.0}{5.0} \quad \frac{6.6}{2.8} \quad \frac{7.4}{2.0} \quad \frac{5.4}{1.5} \quad 5.0 \quad \frac{5.7}{1.3} \quad \frac{6.9}{1.6} \quad \frac{7.1}{3.3} \quad \frac{7.0}{5.0}$$

$$\frac{6.4}{5.0} \quad \frac{6.2}{2.9} \quad \frac{7.5}{2.3} \quad \frac{7.1}{1.8} \quad \frac{5.5}{1.3} \quad 5.1 \quad \frac{5.6}{1.3} \quad \frac{7.1}{1.7} \quad \frac{7.2}{3.4} \quad \frac{7.1}{5.0}$$

$$\frac{6.5}{5.0} \quad \frac{6.3}{2.8} \quad \frac{7.5}{2.3} \quad \frac{7.0}{1.7} \quad \frac{5.5}{1.2} \quad 5.3 \quad \frac{5.7}{1.3} \quad \frac{7.3}{1.8} \quad \frac{7.5}{3.4} \quad \frac{7.8}{5.0}$$

$$\frac{6.3}{5.0} \quad \frac{6.0}{2.9} \quad \frac{7.7}{2.3} \quad \frac{7.7}{1.8} \quad \frac{5.7}{1.2} \quad 5.3 \quad \frac{5.8}{1.4} \quad \frac{7.0}{1.8} \quad \frac{7.4}{3.6} \quad \frac{7.8}{5.0}$$

$$\frac{5.0}{5.0} \quad \frac{4.8}{2.9} \quad \frac{7.7}{2.2} \quad \frac{7.6}{1.7} \quad \frac{6.0}{1.2} \quad 5.6 \quad \frac{6.0}{1.3} \quad \frac{7.3}{1.8} \quad \frac{7.6}{3.5} \quad \frac{8.5}{5.0}$$

$$\frac{4.0}{5.0} \quad \frac{4.2}{3.2} \quad \frac{8.0}{2.1} \quad \frac{7.9}{1.7} \quad \frac{6.7}{1.3} \quad 6.4 \quad \frac{6.7}{1.3} \quad \frac{8.0}{1.8} \quad \frac{9.1}{3.8} \quad \frac{10.0}{5.0}$$

$$\frac{3.8}{5.0} \quad \frac{4.5}{2.9} \quad \frac{8.8}{2.0} \quad \frac{9.0}{1.7} \quad \frac{8.3}{1.3} \quad 8.0 \quad \frac{8.4}{1.4} \quad \frac{8.5}{1.7} \quad \frac{9.7}{1.9} \quad \frac{11.1}{3.5} \quad \frac{12.4}{5.0}$$

$$\frac{2.0}{5.0} \quad \frac{3.4}{3.0} \quad \frac{9.5}{2.2} \quad \frac{10.0}{1.7} \quad \frac{9.4}{1.4} \quad 8.9 \quad \frac{9.5}{1.6} \quad \frac{11.3}{2.0} \quad \frac{13.8}{5.0}$$

$$\frac{2.0}{5.0} \quad \frac{2.0}{3.4} \quad \frac{11.0}{2.2} \quad \frac{11.4}{1.6} \quad \frac{10.4}{1.4} \quad 10.2 \quad \frac{10.9}{1.7} \quad \frac{14.1}{3.2} \quad \frac{17.0}{5.0}$$

Sta.	+	H.I.	-	Elev
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895.57

+50

84.4

✓

36

83.1

✓

T.P.

3.89

887.62

11.84

883.73

B.M.

0.75

882.33

6.05

881.57

881.58

35+50

36

+50

81.8

✓

37

80.4

✓

+50

79.6

✓

38

78.8

✓

+50

77.9

✓

39

77.3

✓

+50

77.3

✓

+80

77.3

✓

L+

E

R.

$$\frac{2.8}{50} \quad \frac{3.7}{34} \quad \frac{12.6}{24} \quad \frac{13.2}{19} \quad \frac{11.4}{16} \quad 11.2 \quad \frac{12.4}{20}$$

$$\frac{9.4}{50} \quad \frac{12.0}{26} \quad \frac{15.5}{22} \quad \frac{15.4}{18} \quad \frac{13.1}{14} \quad 12.5 \quad \frac{13.6}{20}$$

50k in P.P. 16' 84 36 + 65

$$\frac{5.4}{50} \quad \frac{5.3}{22} \quad \frac{1.2}{15} \quad +2.1 \quad \frac{1.7}{13} \quad \frac{2.5}{29} \quad \frac{11.5}{50}$$

$$10.8 \quad \frac{8.7}{33} \quad \frac{11.6}{50}$$

$$\frac{5.4}{50} \quad \frac{5.3}{22} \quad \frac{1.2}{15} \quad 0.5 \quad \frac{1.7}{23} \quad \frac{2.5}{35} \quad \frac{11.5}{50}$$

$$\frac{12.6}{50} \quad \frac{12.0}{34} \quad \frac{10.4}{28} \quad \frac{2.8}{15} \quad 1.9 \quad \frac{3.0}{23} \quad \frac{12.4}{3.7} \quad \frac{13.8}{50}$$

$$\frac{15.4}{50} \quad \frac{13.9}{34} \quad \frac{10.7}{25} \quad \frac{3.6}{16} \quad 2.7 \quad \frac{4.0}{21} \quad \frac{13.8}{36} \quad \frac{15.8}{50}$$

$$\frac{17.0}{50} \quad \frac{16.5}{38} \quad \frac{15.2}{34} \quad \frac{4.5}{17} \quad 3.5 \quad \frac{4.9}{19} \quad \frac{13.8}{32} \quad \frac{15.2}{36} \quad \frac{16.0}{50}$$

$$\frac{18.5}{50} \quad \frac{16.1}{32} \quad \frac{5.4}{17} \quad 4.4 \quad \frac{5.2}{18} \quad \frac{13.4}{31} \quad \frac{14.6}{39} \quad \frac{13.9}{50}$$

$$\frac{17.0}{50} \quad \frac{15.0}{30} \quad \frac{6.0}{15} \quad 5.0 \quad \frac{5.7}{16} \quad \frac{10.4}{24} \quad \frac{11.7}{38} \quad \frac{8.8}{50}$$

$$\frac{15.0}{50} \quad \frac{12.6}{34} \quad \frac{12.3}{25} \quad \frac{6.2}{16} \quad 5.0 \quad \frac{5.8}{16} \quad \frac{7.9}{20} \quad \frac{7.5}{34} \quad \frac{3.5}{50}$$

$$\frac{11.5}{50} \quad \frac{10.2}{30} \quad \frac{9.4}{23} \quad \frac{5.9}{16} \quad 5.0 \quad \frac{5.4}{11} \quad \frac{6.2}{14} \quad \frac{6.2}{21} \quad \frac{5.3}{24} \quad \frac{+1.0}{50} \quad \text{over H.}$$

882.33

40

77.3

✓

+50

77.7

✓

41

77.8

✓

+50

78.3

✓

+83

79.0

✓

42

79.4

✓

T.P.

13.71

895.68

0.36

881.97

40

77.3

+50

77.7

41

77.8

+50

78.3

T.P.

8.99

890.96

13.71

881.97

41+50

70

83.96

+83

79.0

42

79.4

Left

L

Right

$$\begin{array}{r} 7.7 \\ 50 \end{array} \quad \begin{array}{r} 6.4 \\ 31 \end{array} \quad \begin{array}{r} 6.2 \\ 20 \end{array} \quad \begin{array}{r} 7.0 \\ 19 \end{array} \quad \begin{array}{r} 6.6 \\ 17 \end{array} \quad \begin{array}{r} 5.4 \\ 14 \end{array} \quad 5.0 \quad \begin{array}{r} 5.4 \\ 14 \end{array} \quad \begin{array}{r} 6.2 \\ 16 \end{array} \quad \begin{array}{r} 5.6 \\ 23 \end{array}$$

$$\begin{array}{r} 3.7 \\ 20 \end{array} \quad \begin{array}{r} 5.1 \\ 13 \end{array} \quad 4.6 \quad \begin{array}{r} 5.0 \\ 15 \end{array} \quad \begin{array}{r} 5.4 \\ 17 \end{array} \quad \begin{array}{r} 3.7 \\ 22 \end{array}$$

$$\begin{array}{r} 2.9 \\ 23 \end{array} \quad \begin{array}{r} 5.2 \\ 19 \end{array} \quad 4.5 \quad \begin{array}{r} 5.0 \\ 17 \end{array} \quad \begin{array}{r} 3.1 \\ 23 \end{array}$$

$$\begin{array}{r} 5.3 \\ 24 \end{array} \quad \begin{array}{r} 6.1 \\ 19 \end{array} \quad \begin{array}{r} 4.4 \\ 13 \end{array} \quad 4.0 \quad \begin{array}{r} 4.1 \\ 16 \end{array} \quad \begin{array}{r} 2.4 \\ 22 \end{array}$$

$$\begin{array}{r} 4.3 \\ 16 \end{array} \quad 3.3 \quad \begin{array}{r} 4.0 \\ 16 \end{array} \quad \begin{array}{r} 5.1 \\ 20 \end{array}$$

$$\begin{array}{r} 4.0 \\ 16 \end{array} \quad 2.9 \quad \begin{array}{r} 3.4 \\ 12 \end{array} \quad \begin{array}{r} 4.1 \\ 15 \end{array}$$

North Top G.R. 12' Lt 42 + 21

$$18.4 \quad \begin{array}{r} 14.4 \\ 27 \end{array} \quad \begin{array}{r} 12.5 \\ 32 \end{array} \quad \begin{array}{r} 9.7 \\ 50 \end{array}$$

$$\begin{array}{r} 9.9 \\ 50 \end{array} \quad \begin{array}{r} 7.7 \\ 29 \end{array} \quad 18.0 \quad \begin{array}{r} 8.4 \\ 31 \end{array} \quad \begin{array}{r} 7.0 \\ 34 \end{array} \quad \begin{array}{r} 8.0 \\ 39 \end{array} \quad \begin{array}{r} 7.4 \\ 50 \end{array}$$

$$\begin{array}{r} 11.4 \\ 50 \end{array} \quad \begin{array}{r} 9.9 \\ 31 \end{array} \quad 17.9 \quad \begin{array}{r} 2.7 \\ 38 \end{array} \quad \begin{array}{r} 2.6 \\ 50 \end{array}$$

$$\begin{array}{r} 21.4 \\ 50 \end{array} \quad \begin{array}{r} 19.3 \\ 39 \end{array} \quad \begin{array}{r} 17.2 \\ 35 \end{array} \quad 12.7 \quad \begin{array}{r} 17.4 \\ 40 \end{array} \quad \begin{array}{r} \text{over H.L.} \\ + 0.4 \\ 50 \end{array} \quad \begin{array}{r} + 0.5 \\ 50 \end{array}$$

$$12.0 \quad \begin{array}{r} 13.1 \\ 27 \end{array} \quad \begin{array}{r} 10.8 \\ 28 \end{array} \quad \begin{array}{r} 7.1 \\ 38 \end{array} \quad \begin{array}{r} 4.5 \\ 50 \end{array}$$

$$11.6 \quad \begin{array}{r} 17.2 \\ 26 \end{array} \quad \begin{array}{r} 17.1 \\ 31 \end{array} \quad \begin{array}{r} 13.0 \\ 38 \end{array} \quad \begin{array}{r} 7.0 \\ 50 \end{array}$$

890.96 ✓

Elev. ✓

42+50

80.8 ✓

43

82.7 ✓

+50

85.1 ✓

44

87.8 ✓

+50

90.1 ✓

T.P.

0.72

879.94 ✓

11.74

879.22 ✓

41+83

79.0

42

79.4

+50

80.8

43

82.7

+50

85.1

44

0.72

879.22 ✓

828

T.P.

13.13

892.35 ✓

+80

91.6 ✓

T.P.

12.91

904.38 ✓

0.28

892.07 ✓

45

99

92.6 ✓

899.48

Lt E F7.

$$\frac{11.2}{17} \quad 10.2 \quad \frac{11.0}{16} \quad \frac{22.0}{35} \quad \frac{21.8}{50}$$

$$\frac{9.6}{16} \quad 8.3 \quad \frac{9.1}{17} \quad \frac{21.4}{26} \quad \frac{22.4}{50}$$

$$\frac{7.0}{15} \quad 5.9 \quad \frac{6.7}{16} \quad \frac{18.3}{32} \quad \frac{16.5}{50}$$

$$\frac{4.4}{16} \quad \text{Beer Ah} \quad \frac{3.9}{15} \quad \frac{11.7}{26} \quad \frac{11.3}{35} \quad \frac{8.0}{50}$$

$$\frac{11.1}{50} \quad \frac{10.6}{42} \quad \frac{7.9}{31} \quad \frac{2.1}{19} \quad 0.9 \quad \frac{1.3}{12} \quad \frac{2.4}{27} \quad \frac{3.9}{41} \quad \frac{4.5}{50}$$

$$\frac{16.3}{50} \quad \frac{15.7}{41} \quad \frac{14.6}{38} \quad \frac{10.7}{29} \quad 0.9$$

$$\frac{17.3}{50} \quad \frac{16.2}{41} \quad \frac{13.2}{32} \quad 0.5$$

$$\frac{19.9}{50} \quad \frac{18.9}{45} \quad +0.9$$

$$\frac{19.2}{50} \quad \frac{18.0}{45} \quad +2.8$$

$$\frac{16.0}{50} \quad \frac{14.8}{44} \quad +5.2$$

$$\frac{11.9}{50} \quad \frac{10.4}{42} \quad +7.9$$

$$\frac{3.0}{50} \quad \frac{3.1}{28} \quad \frac{3.6}{26} \quad \frac{3.5}{23} \quad \frac{2.0}{21} \quad 0.8 \quad \frac{1.3}{13} \quad \frac{3.0}{18} \quad \frac{3.2}{25} \quad \frac{6.0}{41} \quad \frac{6.0}{50}$$

$$\frac{9.4}{50} \quad \frac{10.3}{26} \quad \frac{13.7}{23} \quad \frac{13.7}{18} \quad \frac{12.4}{13} \quad 11.8 \quad \frac{12.4}{14} \quad \frac{13.8}{18} \quad \frac{5.4}{30} \quad \frac{4.9}{25} \quad \frac{4.9}{50}$$

Station	+	H.I.	—	Elev
		904.38 37		
+14		<u>900.68</u>		93.2 ✓
+63				95.4 ✓
46				97.0 ✓
+50				899.1 ✓
47				901.23 ✓
+50				903.00 ✓
48				904.4 ✓
T.P.	1359	917.86	0.11	904.27 ✓
45+63		37		95.4
		<u>14.16</u>		
46				97.0 46
		84		
+50				899.1
47		89.46		901.23
+50				903.0
48				904.4

Left.

Z

Right.

$\frac{5.0}{5.0}$	$\frac{7.0}{2.9}$	$\frac{12.5}{2.2}$	$\frac{12.4}{18}$	$\frac{11.5}{12}$	11.2	$\frac{11.8}{13}$	$\frac{12.3}{16}$	$\frac{10.6}{23}$	$\frac{10.4}{32}$	$\frac{10.4}{35}$	A
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—	$\frac{8.3}{22}$	$\frac{9.3}{17}$	9.0	$\frac{9.8}{18}$	$\frac{9.9}{23}$	$\frac{4.0}{28}$
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$\frac{5.1}{2.4}$	$\frac{7.6}{15}$	7.4	$\frac{7.5}{20}$	$\frac{3.0}{27}$
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$\frac{5.5}{18}$	5.3	$\frac{5.4}{12}$	$\frac{5.9}{14}$	$\frac{5.9}{20}$
------------------	-----	------------------	------------------	------------------

$\frac{2.1}{2.1}$	$\frac{3.4}{13}$	3.1	$\frac{3.4}{13}$	$\frac{3.7}{14}$	$\frac{2.5}{21}$
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$\frac{1.8}{1.7}$	1.4	$\frac{1.8}{1.4}$	$\frac{2.5}{7.6}$	$\frac{2.3}{2.0}$
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$\frac{0.3}{1.6}$	0.0	$\frac{0.2}{1.4}$	$\frac{1.1}{1.8}$	$\frac{1.1}{2.0}$
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—	22.5	$\frac{7.0}{39}$	$\frac{6.7}{50}$
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20.9	$\frac{10.2}{32}$	$\frac{9.1}{50}$
------	-------------------	------------------

18.8	$\frac{9.0}{32}$	$\frac{9.1}{50}$
------	------------------	------------------

16.6	$\frac{6.3}{31}$	$\frac{5.8}{41}$	$\frac{3.7}{50}$
------	------------------	------------------	------------------

14.9	$\frac{9.1}{29}$	$\frac{8.5}{33}$	$\frac{7.4}{50}$
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13.5	$\frac{7.6}{29}$	$\frac{8.5}{33}$	$\frac{8.4}{50}$
------	------------------	------------------	------------------

Raining
2 P.M.
8/16/33

Sta.	+	H.I.	-	Elev.	
		917.86			
45+63				95.4	
46				97.0	
+50				899.1	
47				901.23	
+50				903.0	
48				904.4	4.0
+50				905.5	✓
+85				06.2	✓
49				06.4	✓
+50				07.1	✓
B.M.	3.70	912.63	8.92	908.94	908.93
50				7.5	✓
+21				7.8	
+26		Top Sh		7.9	

Left $\frac{1}{2}$

RIGHT.

$$\frac{36}{50} \frac{50}{41} 22.5$$

$$\frac{20}{50} \frac{24}{45} 20.9$$

$$\frac{06}{50} \frac{05}{45} 18.8$$

$$\frac{20}{50} \frac{09}{37} \frac{96}{33} 16.6$$

$$\frac{36}{50} \frac{38}{34} 14.9$$

$$\frac{31}{50} \frac{39}{30} 13.5$$

$$\frac{39}{50} \frac{45}{29} \frac{129}{17} \frac{128}{13} 12.4 \quad \frac{127}{13} \frac{130}{14} \frac{135}{20} \frac{35}{30} \frac{37}{31} \frac{35}{33}$$

$$\frac{61}{50} \frac{30}{31} \frac{121}{17} \frac{122}{14} \frac{119}{13} 11.7 \quad \frac{121}{13} \frac{123}{14} \frac{125}{19} \frac{82}{26} \frac{16}{32} \frac{11}{34}$$

$$\frac{77}{50} \frac{67}{28} \frac{119}{16} 11.5 \quad \frac{118}{14} \frac{121}{15} \frac{127}{20} \frac{24}{32} \frac{24}{36} \frac{32}{38} \frac{37}{50}$$

$$\frac{156}{50} \frac{95}{32} \frac{100}{21} \frac{108}{13} 10.8 \quad \frac{112}{14} \frac{121}{17} \frac{116}{21} \frac{58}{27} \frac{62}{34} \frac{77}{37} \frac{80}{50}$$

Spk in H. Pole, N.E. cor A3 & McMenemy.

$$\frac{138}{50} \frac{77}{26} \frac{50}{21} 5.1 \quad \frac{56}{15} \frac{61}{17} \frac{62}{21} \frac{38}{23} \frac{48}{40} \frac{52}{50}$$

$$\frac{104}{50} \frac{80}{27} \frac{54}{22} \frac{50}{13} 4.8 \quad \frac{56}{29} \frac{42}{33} \frac{49}{50}$$

$$\frac{60}{50} \frac{56}{26} \frac{52}{14} 4.7 \quad \frac{64}{34} \frac{57}{50}$$

912.63

50 + 4195

1317

908.2

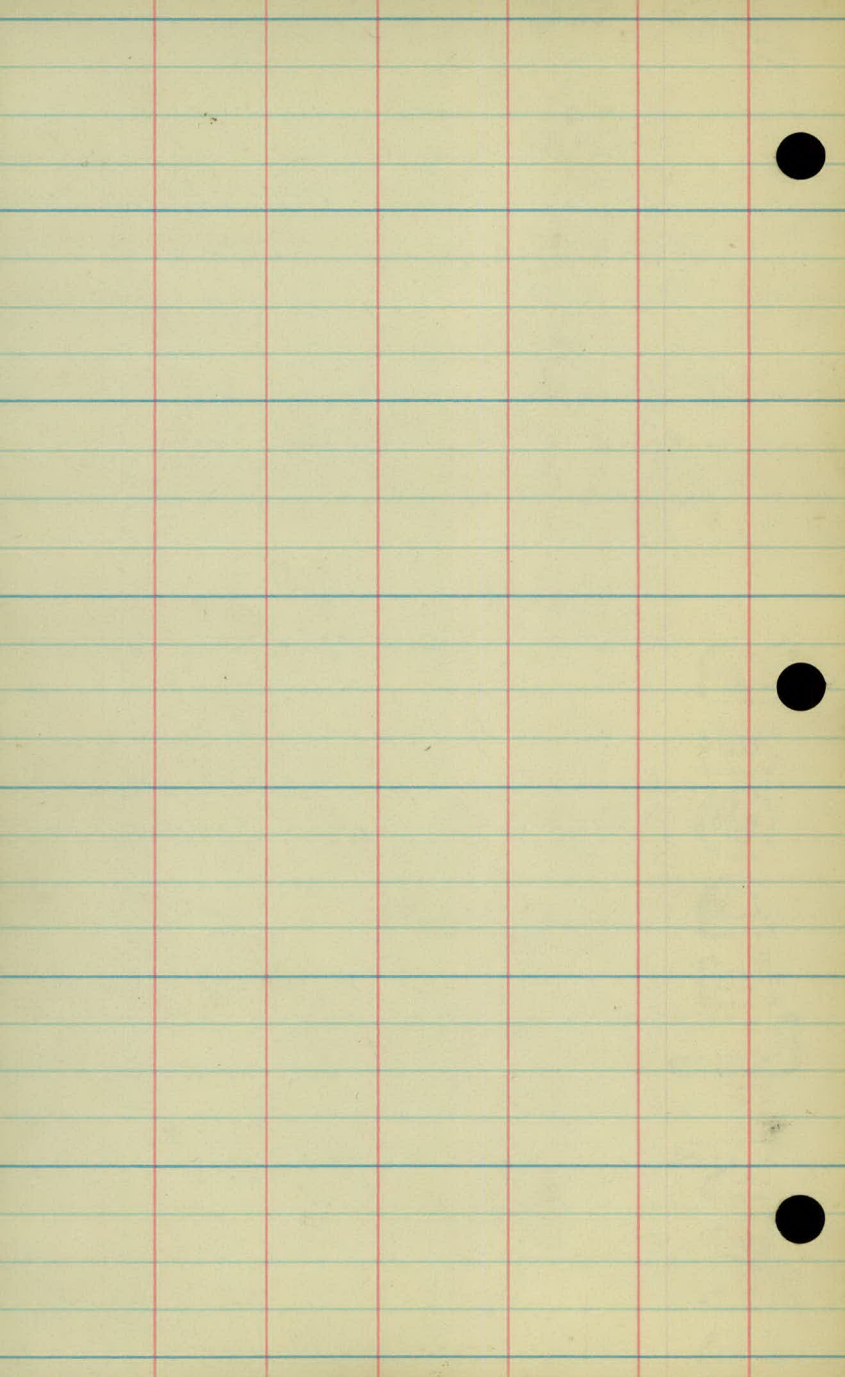
3.70

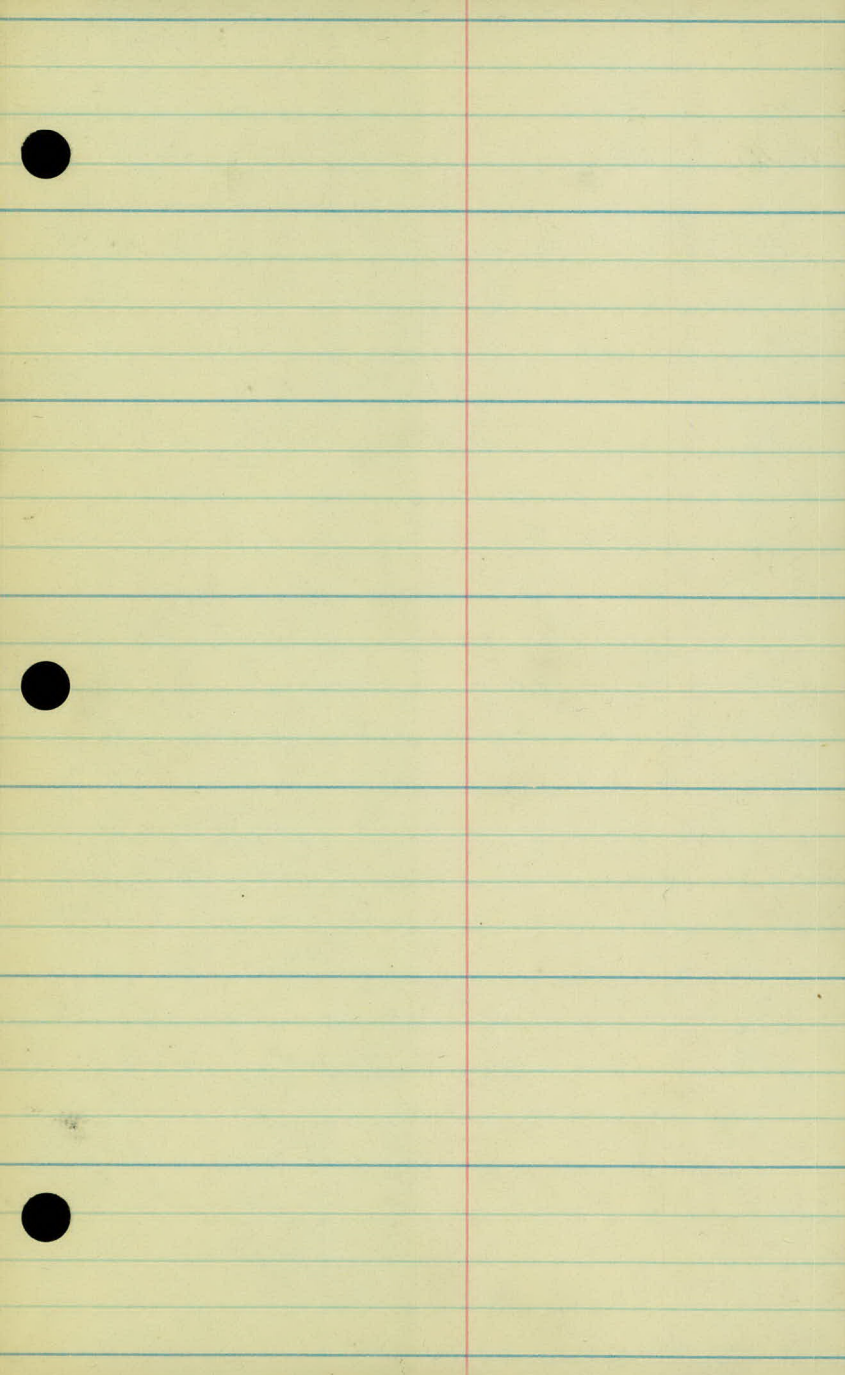
908.93 908.93 ✓

LEFT £ RIGHT

$\frac{54}{50}$ $\frac{50}{25}$ 4.4 $\frac{46}{27}$ $\frac{50}{50}$

spot in H. Pole N.E. cor A3 & McMenemy St.





Station	+	Ht.	-	Elev.	
B.M.	11.87	920.80 [✓]		908.93	
50+56		<u>14</u>		8.5	✓
		194			
+60				8.2	✓
+63				8.6	✓
51				8.8	✓
+50				9.8	✓
52				10.9	✓
+50				11.9	✓
53				13.1	✓
+20				13.6	✓
+50				14.1	✓
54				14.2	✓
+75				13.5	✓
T.P.	13.43	930.51 [✓]	3.72	917.08	
52				10.9	

(Near Worm 75°F. 9 AM.

Wilke
Stienman
Topley
Weber

Left ♀ Right

split H Pole NE cor A2 + Mc Minemy.

$\frac{139}{50}$ $\frac{137}{25}$ $\frac{127}{15}$ 123 $\frac{125}{15}$ $\frac{135}{36}$ $\frac{137}{50}$

$\frac{154}{50}$ $\frac{150}{27}$ $\frac{136}{26}$ $\frac{127}{14}$ 126 $\frac{124}{71}$ $\frac{133}{29}$ $\frac{142}{31}$ $\frac{144}{50}$

$\frac{146}{50}$ $\frac{138}{26}$ $\frac{150}{25}$ $\frac{134}{24}$ $\frac{126}{14}$ 122 $\frac{124}{10}$ $\frac{132}{29}$ $\frac{142}{31}$ $\frac{124}{33}$ $\frac{126}{50}$

$\frac{104}{50}$ $\frac{102}{38}$ $\frac{115}{22}$ $\frac{127}{19}$ 120 $\frac{126}{15}$ $\frac{134}{19}$ $\frac{129}{21}$ $\frac{124}{50}$

$\frac{34}{50}$ $\frac{52}{28}$ $\frac{107}{22}$ $\frac{114}{18}$ 110 $\frac{117}{19}$ $\frac{71}{25}$ $\frac{66}{30}$ $\frac{73}{50}$

$\frac{89}{24}$ $\frac{104}{17}$ 9.9 $\frac{102}{14}$ $\frac{108}{18}$ $\frac{101}{21}$ $\frac{40}{28}$ $\frac{39}{50}$

$\frac{77}{24}$ $\frac{71}{18}$ 8.9 $\frac{96}{16}$ $\frac{102}{19}$ $\frac{94}{22}$ $\frac{40}{28}$ $\frac{40}{31}$ $\frac{5.9}{50}$

$\frac{60}{23}$ $\frac{76}{16}$ 7.7 $\frac{83}{17}$ $\frac{71}{23}$ $\frac{0.5}{29}$ $\frac{14}{50}$

$\frac{56}{23}$ $\frac{75}{15}$ 7.2 $\frac{76}{16}$ $\frac{58}{23}$

$\frac{49}{23}$ $\frac{54}{20}$ $\frac{70}{16}$ 6.7 $\frac{71}{16}$ $\frac{4.8}{24}$

$\frac{50}{24}$ $\frac{70}{16}$ 6.6 $\frac{72}{13}$ $\frac{76}{17}$ $\frac{7.0}{20}$

$\frac{83}{24}$ $\frac{78}{15}$ 7.3 $\frac{79}{16}$ $\frac{84}{19}$ $\frac{7.5}{22}$

$\frac{78}{50}$ $\frac{92}{36}$ 19.6

STATION	Plus	H.I.	Minus	Elev
		930.51		

+50				11.9
-----	--	--	--	------

53				13.1
----	--	--	--	------

+20				13.6
-----	--	--	--	------

+50				14.1
-----	--	--	--	------

54				14.2
----	--	--	--	------

+75				13.5
-----	--	--	--	------

T.P	0.52	917.60 ✓	13.43	917.08 ✓
-----	------	----------	-------	----------

55				13.0
----	--	--	--	------

+50				12.2
-----	--	--	--	------

56				11.1
----	--	--	--	------

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

57				8.0
----	--	--	--	-----

+50				7.6
-----	--	--	--	-----

T.P	3.65	910.26 ✓	10.99	906.61 ✓
-----	------	----------	-------	----------

58				6.8
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LEFT

≠

RIGHT

$$\frac{52}{50} \quad \frac{63}{39} \quad 18.6$$

$$\frac{26}{50} \quad \frac{30}{41} \quad 17.4$$

$$\frac{1.6}{50} \quad \frac{2.0}{41} \quad 16.9 \quad \frac{8.6}{29} \quad \frac{8.4}{34} \quad \frac{9.7}{40} \quad \frac{10.2}{50}$$

$$\frac{2.0}{50} \quad \frac{26}{41} \quad 16.4 \quad \frac{8.8}{29} \quad \frac{11.5}{50}$$

$$\frac{64}{50} \quad \frac{69}{35} \quad 16.3 \quad \frac{10.6}{28} \quad \frac{10.3}{28} \quad \frac{11.6}{50}$$

$$\frac{13.6}{50} \quad \frac{14.6}{30} \quad 17.0 \quad \frac{17.6}{31} \quad \frac{19.0}{50}$$

$$\frac{2.6}{50} \quad \frac{3.8}{30} \quad \frac{6.1}{21} \quad \frac{4.7}{17} \quad 4.6 \quad \frac{5.2}{16} \quad \frac{9.0}{27} \quad \frac{9.6}{40} \quad \frac{10.1}{50}$$

$$\frac{8.3}{50} \quad \frac{6.3}{23} \quad \frac{6.9}{20} \quad \frac{5.9}{15} \quad 5.4 \quad \frac{5.8}{15} \quad \frac{10.8}{25} \quad \frac{12.2}{39} \quad \frac{13.6}{50}$$

$$\frac{10.5}{50} \quad \frac{8.3}{32} \quad \frac{8.0}{20} \quad \frac{6.8}{13} \quad 6.5 \quad \frac{7.5}{15} \quad \frac{12.2}{24} \quad \frac{13.4}{32} \quad \frac{15.0}{50}$$

$$\frac{9.0}{50} \quad \frac{6.5}{29} \quad \frac{8.9}{20} \quad \frac{7.7}{15} \quad 7.6 \quad \frac{8.3}{14} \quad \frac{9.6}{19} \quad \frac{9.6}{21} \quad \frac{9.0}{25} \quad \frac{10.6}{40} \quad \frac{11.3}{50}$$

$$\frac{9.3}{50} \quad \frac{7.4}{27} \quad \frac{10.1}{24} \quad \frac{10.3}{19} \quad \frac{9.3}{16} \quad 8.9 \quad \frac{9.8}{16} \quad \frac{10.3}{19} \quad \frac{10.3}{22} \quad \frac{9.1}{24} \quad \frac{9.7}{27} \quad \frac{10.4}{50}$$

$$\frac{14.0}{50} \quad \frac{12.1}{32} \quad \frac{11.1}{27} \quad \frac{11.8}{23} \quad \frac{10.6}{16} \quad 10.0 \quad \frac{10.7}{14} \quad \frac{12.0}{19} \quad \frac{10.7}{22} \quad \frac{11.4}{30} \quad \frac{11.6}{50}$$

$$\frac{10.1}{50} \quad \frac{7.9}{30} \quad \frac{6.6}{27} \quad \frac{6.1}{20} \quad \frac{4.5}{15} \quad 3.5 \quad \frac{4.5}{16} \quad \frac{10.4}{27} \quad \frac{10.6}{29} \quad \frac{10.0}{31} \quad \frac{10.0}{50}$$

Dave

X

To play

Sta.	+	H.I.	-	Elev
		910.26		

+50				6.2
-----	--	--	--	-----

59				5.9
----	--	--	--	-----

+50				5.8
-----	--	--	--	-----

60				5.8
----	--	--	--	-----

+50				6.0
-----	--	--	--	-----

61				6.2
----	--	--	--	-----

B.M.	2.14	898.80	13.60	896.66 ✓
------	------	--------	-------	----------

58+50				906.2
-------	--	--	--	-------

59				5.9
----	--	--	--	-----

+50				5.8
-----	--	--	--	-----

60				5.8
----	--	--	--	-----

+50				6.0
-----	--	--	--	-----

T.P	13.16	909.82 ✓	2.14	896.66 ✓
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61+50				6.1
-------	--	--	--	-----

62				5.8
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LEFT

±

RIGHT

$$\begin{array}{r} 10.7 \\ 5.0 \end{array} \quad \begin{array}{r} 9.0 \\ 3.0 \end{array} \quad \begin{array}{r} 7.9 \\ 2.7 \end{array} \quad \begin{array}{r} 6.6 \\ 1.8 \end{array} \quad \begin{array}{r} 5.0 \\ 1.4 \end{array} \quad 4.1 \quad \begin{array}{r} 5.0 \\ 1.6 \end{array}$$

$$\begin{array}{r} 10.3 \\ 5.0 \end{array} \quad \begin{array}{r} 10.0 \\ 3.0 \end{array} \quad \begin{array}{r} 8.8 \\ 2.7 \end{array} \quad \begin{array}{r} 8.5 \\ 2.5 \end{array} \quad \begin{array}{r} 7.5 \\ 1.9 \end{array} \quad \begin{array}{r} 5.2 \\ 1.4 \end{array} \quad \begin{array}{r} 4.6 \\ 1.1 \end{array} \quad 4.4 \quad \begin{array}{r} 5.5 \\ 1.6 \end{array}$$

$$\begin{array}{r} 8.8 \\ 5.0 \end{array} \quad \begin{array}{r} 8.5 \\ 2.7 \end{array} \quad \begin{array}{r} 8.0 \\ 2.4 \end{array} \quad \begin{array}{r} 8.0 \\ 2.0 \end{array} \quad \begin{array}{r} 5.3 \\ 1.5 \end{array} \quad \begin{array}{r} 4.7 \\ 1.1 \end{array} \quad 4.5 \quad \begin{array}{r} 5.4 \\ 1.6 \end{array}$$

$$\begin{array}{r} 6.2 \\ 5.0 \end{array} \quad \begin{array}{r} 6.5 \\ 3.1 \end{array} \quad \begin{array}{r} 7.0 \\ 2.7 \end{array} \quad \begin{array}{r} 7.0 \\ 1.8 \end{array} \quad \begin{array}{r} 5.1 \\ 1.4 \end{array} \quad 4.5 \quad \begin{array}{r} 5.4 \\ 1.6 \end{array}$$

$$\begin{array}{r} 3.3 \\ 5.0 \end{array} \quad \begin{array}{r} 3.0 \\ 2.9 \end{array} \quad \begin{array}{r} 6.0 \\ 2.2 \end{array} \quad \begin{array}{r} 6.2 \\ 1.8 \end{array} \quad \begin{array}{r} 4.8 \\ 1.4 \end{array} \quad 4.3 \quad \begin{array}{r} 5.2 \\ 1.6 \end{array}$$

$$\begin{array}{r} 2.5 \\ 5.0 \end{array} \quad \begin{array}{r} 2.4 \\ 2.6 \end{array} \quad \begin{array}{r} 3.5 \\ 2.9 \end{array} \quad \begin{array}{r} 5.9 \\ 2.4 \end{array} \quad \begin{array}{r} 5.7 \\ 1.8 \end{array} \quad \begin{array}{r} 4.6 \\ 1.3 \end{array} \quad 4.1 \quad \begin{array}{r} 4.7 \\ 1.6 \end{array} \quad \begin{array}{r} 8.3 \\ 2.3 \end{array} \quad \begin{array}{r} 14.5 \\ 5.0 \end{array}$$

Top Rock 40' R+ 54.0, 60+78.

$$+7.4 \quad \begin{array}{r} 2.3 \\ 3.0 \end{array} \quad \begin{array}{r} 6.1 \\ 5.0 \end{array}$$

$$+7.1 \quad \begin{array}{r} 5.6 \\ 3.6 \end{array} \quad \begin{array}{r} 9.0 \\ 5.0 \end{array}$$

$$+7.0 \quad \begin{array}{r} 4.4 \\ 3.0 \end{array} \quad \begin{array}{r} 9.4 \\ 4.0 \end{array} \quad \begin{array}{r} 11.0 \\ 5.0 \end{array}$$

$$+7.0 \quad \begin{array}{r} 8.0 \\ 3.8 \end{array} \quad \begin{array}{r} 10.8 \\ 5.0 \end{array}$$

$$+7.2 \quad \begin{array}{r} 1.1 \\ 2.7 \end{array} \quad \begin{array}{r} 4.7 \\ 3.5 \end{array} \quad \begin{array}{r} 8.0 \\ 5.0 \end{array} \quad *$$

$$\begin{array}{r} 1.6 \\ 5.0 \end{array} \quad \begin{array}{r} 2.2 \\ 4.0 \end{array} \quad \begin{array}{r} 3.2 \\ 2.9 \end{array} \quad \begin{array}{r} 5.1 \\ 2.4 \end{array} \quad \begin{array}{r} 5.2 \\ 1.6 \end{array} \quad \begin{array}{r} 4.3 \\ 1.2 \end{array} \quad 3.7 \quad \begin{array}{r} 4.6 \\ 1.5 \end{array} \quad \begin{array}{r} 6.6 \\ 2.0 \end{array} \quad \begin{array}{r} 9.4 \\ 3.5 \end{array} \quad \begin{array}{r} 12.4 \\ 5.0 \end{array}$$

$$\begin{array}{r} 8.3 \\ 5.0 \end{array} \quad \begin{array}{r} 7.6 \\ 2.4 \end{array} \quad \begin{array}{r} 6.0 \\ 1.7 \end{array} \quad \begin{array}{r} 4.6 \\ 1.3 \end{array} \quad 4.0 \quad \begin{array}{r} 4.6 \\ 1.6 \end{array} \quad \begin{array}{r} 6.3 \\ 2.1 \end{array} \quad \begin{array}{r} 8.3 \\ 5.0 \end{array}$$

Sta	+	H1	-	Elev
		909.82 ✓		

+50

5.8

63

5.8

+50

5.8

64

6.1

+50

6.4

65

6.9

T.P.

10.75

917.65 ✓

2.92

906.90 ✓

+50

7.3

66

7.8

+50

8.7

67

9.3

+50

9.9

68

10.6

+50

11.2

LEFT

♀

RIGHT

$\frac{134}{50}$	$\frac{124}{34}$	$\frac{108}{24}$	$\frac{47}{13}$	40	$\frac{50}{15}$	$\frac{6.6}{19}$	$\frac{9.2}{37}$	$\frac{120}{50}$
------------------	------------------	------------------	-----------------	----	-----------------	------------------	------------------	------------------

$\frac{11.8}{50}$	$\frac{10.8}{26}$	$\frac{47}{14}$	40	$\frac{47}{14}$	$\frac{6.8}{20}$	$\frac{90}{45}$	$\frac{10.3}{50}$
-------------------	-------------------	-----------------	----	-----------------	------------------	-----------------	-------------------

$\frac{7.3}{50}$	$\frac{7.3}{30}$	$\frac{7.7}{22}$	$\frac{4.4}{13}$	40	$\frac{4.7}{15}$	$\frac{7.0}{35}$	$\frac{10.2}{50}$
------------------	------------------	------------------	------------------	----	------------------	------------------	-------------------

$\frac{5.5}{50}$	$\frac{6.0}{33}$	$\frac{6.4}{17}$	$\frac{4.3}{17}$	37	$\frac{4.3}{15}$	$\frac{7.2}{20}$	$\frac{8.2}{50}$
------------------	------------------	------------------	------------------	----	------------------	------------------	------------------

$\frac{3.7}{50}$	$\frac{4.3}{36}$	$\frac{5.3}{33}$	$\frac{5.4}{16}$	$\frac{40}{12}$	34	$\frac{40}{14}$	$\frac{8.0}{23}$	$\frac{10.7}{50}$
------------------	------------------	------------------	------------------	-----------------	----	-----------------	------------------	-------------------

$\frac{1.4}{50}$	$\frac{3.2}{23}$	$\frac{4.7}{20}$	$\frac{4.8}{16}$	$\frac{3.4}{17}$	29	$\frac{3.8}{17}$	$\frac{5.8}{22}$	$\frac{8.7}{50}$
------------------	------------------	------------------	------------------	------------------	----	------------------	------------------	------------------

$\frac{6.1}{50}$	$\frac{5.9}{35}$	$\frac{6.0}{27}$	$\frac{11.9}{18}$	$\frac{11.8}{15}$	$\frac{11.0}{12}$	10.4	$\frac{11.4}{17}$	$\frac{12.3}{19}$	$\frac{12.3}{24}$	$\frac{10.1}{26}$	$\frac{13.0}{50}$
------------------	------------------	------------------	-------------------	-------------------	-------------------	------	-------------------	-------------------	-------------------	-------------------	-------------------

$\frac{4.7}{50}$	$\frac{3.9}{36}$	$\frac{3.7}{30}$	$\frac{10.1}{21}$	$\frac{11.2}{17}$	$\frac{10.3}{13}$	9.9	$\frac{10.7}{16}$	$\frac{11.6}{19}$	$\frac{12.0}{21}$	$\frac{7.4}{28}$	$\frac{10.8}{50}$
------------------	------------------	------------------	-------------------	-------------------	-------------------	-----	-------------------	-------------------	-------------------	------------------	-------------------

$\frac{4.0}{50}$	$\frac{3.1}{35}$	$\frac{3.3}{30}$	$\frac{10.6}{17}$	$\frac{9.7}{13}$	9.0	$\frac{9.7}{15}$	$\frac{10.4}{19}$	$\frac{7.0}{26}$	$\frac{10.4}{50}$
------------------	------------------	------------------	-------------------	------------------	-----	------------------	-------------------	------------------	-------------------

$\frac{5.4}{50}$	$\frac{5.4}{34}$	$\frac{5.8}{25}$	$\frac{9.9}{19}$	$\frac{9.7}{16}$	$\frac{8.9}{12}$	8.4	$\frac{8.7}{11}$	$\frac{9.3}{16}$	$\frac{9.8}{18}$	$\frac{100}{20}$	$\frac{7.2}{26}$	$\frac{9.6}{50}$
------------------	------------------	------------------	------------------	------------------	------------------	-----	------------------	------------------	------------------	------------------	------------------	------------------

$\frac{6.3}{50}$	$\frac{6.3}{35}$	$\frac{7.3}{31}$	$\frac{7.7}{25}$	$\frac{9.1}{18}$	$\frac{8.1}{13}$	7.8	$\frac{8.2}{11}$	$\frac{9.4}{18}$	$\frac{9.4}{22}$	$\frac{8.4}{23}$	$\frac{8.0}{29}$	$\frac{9.5}{50}$
------------------	------------------	------------------	------------------	------------------	------------------	-----	------------------	------------------	------------------	------------------	------------------	------------------

$\frac{5.8}{50}$	$\frac{6.0}{34}$	$\frac{6.8}{31}$	$\frac{7.4}{22}$	$\frac{8.3}{20}$	$\frac{8.2}{17}$	$\frac{7.5}{13}$	7.1	$\frac{8.1}{15}$	$\frac{10.1}{19}$	$\frac{11.5}{26}$	$\frac{12.7}{50}$
------------------	------------------	------------------	------------------	------------------	------------------	------------------	-----	------------------	-------------------	-------------------	-------------------

$\frac{5.2}{50}$	$\frac{6.1}{31}$	$\frac{7.0}{22}$	$\frac{8.0}{19}$	$\frac{8.0}{16}$	$\frac{6.8}{12}$	6.5	$\frac{7.6}{15}$	$\frac{11.6}{22}$	$\frac{12.6}{26}$	$\frac{15.3}{50}$
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STATION PLUS H.I. MINUS Elev
917.65

69 12.1

+50. 13.1

70 13.9

B.M. 10.79 925.06 ✓ 3.38 914.27 ✓

+50 14.4

71 14.8

+50 15.0

+91 15.2

72 15.3

+50 15.4

73 15.1

+50 14.9

74 14.4

+50 13.7

T.P. 5.29 918.47 ✓ 11.88 913.18 ✓

LEFT £ RIGHT

$\frac{31}{50} \frac{37}{34} \frac{44}{23} \frac{53}{19} \frac{74}{19} \frac{72}{17} \frac{59}{13} 56 \frac{62}{13} \frac{103}{23} \frac{113}{30} \frac{146}{50}$

$\frac{19}{50} \frac{24}{34} \frac{35}{31} \frac{40}{23} \frac{64}{19} \frac{64}{16} \frac{50}{13} 4.6 \frac{53}{14} \frac{85}{22} \frac{115}{50}$

$\frac{14}{50} \frac{16}{33} \frac{36}{21} \frac{55}{18} \frac{55}{16} \frac{41}{12} 38 \frac{47}{15} \frac{60}{18} \frac{60}{21} \frac{48}{23} \frac{68}{50}$

set in T.P 23 Lt Sta. 69 + 50

$\frac{96}{50} \frac{97}{36} \frac{99}{31} \frac{105}{22} \frac{123}{19} \frac{123}{16} \frac{110}{12} 10.7 \frac{115}{14} \frac{126}{18} \frac{123}{21} \frac{95}{25} \frac{100}{37} \frac{100}{50}$

$\frac{108}{50} \frac{108}{39} \frac{105}{30} \frac{111}{21} \frac{120}{19} \frac{122}{16} \frac{108}{12} 10.3 \frac{111}{14} \frac{123}{18} \frac{117}{22} \frac{84}{26} \frac{77}{34} \frac{77}{50}$

$\frac{114}{50} \frac{118}{36} \frac{118}{31} \frac{109}{21} \frac{121}{19} \frac{120}{16} \frac{107}{13} 10.1 \frac{108}{14} \frac{122}{18} \frac{120}{21} \frac{87}{24} \frac{76}{35} \frac{73}{50}$

$\frac{101}{50} \frac{103}{31} \frac{107}{23} \frac{112}{19} \frac{119}{17} \frac{104}{13} 9.9 \frac{107}{14} \frac{121}{18} \frac{122}{20} \frac{97}{26} \frac{90}{32} \frac{76}{50}$

$\frac{56}{50} \frac{64}{27} \frac{100}{30} \frac{103}{22} \frac{117}{19} \frac{118}{17} \frac{102}{12} 9.8 \frac{106}{12} \frac{120}{19} \frac{119}{21} \frac{103}{23} \frac{92}{32} \frac{78}{50}$

$\frac{47}{50} \frac{58}{35} \frac{104}{22} \frac{116}{19} \frac{117}{16} \frac{102}{13} 9.7 \frac{104}{15} \frac{120}{18} \frac{115}{22} \frac{94}{24} \frac{96}{28} \frac{100}{50}$

$\frac{43}{50} \frac{54}{33} \frac{101}{26} \frac{111}{20} \frac{119}{19} \frac{119}{17} \frac{104}{13} 10.0 \frac{107}{15} \frac{122}{18} \frac{117}{21} \frac{89}{24} \frac{96}{29} \frac{112}{50}$

$\frac{50}{50} \frac{59}{37} \frac{101}{28} \frac{117}{20} \frac{124}{17} \frac{106}{12} 10.2 \frac{112}{15} \frac{123}{18} \frac{122}{20} \frac{112}{22} \frac{135}{50}$

$\frac{55}{50} \frac{60}{42} \frac{102}{31} \frac{113}{22} \frac{120}{20} \frac{120}{17} \frac{111}{13} 10.7 \frac{113}{13} \frac{131}{22} \frac{145}{50}$ Barn

$\frac{61}{50} \frac{69}{43} \frac{94}{31} \frac{108}{22} \frac{126}{19} \frac{114}{15} 11.4 \frac{120}{14} \frac{134}{21} \frac{153}{50}$

Sta.	+	H.I.	-	Elev.
		918.47		

75				12.7
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+50				11.4
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+84				10.7
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76				10.2
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+23				9.5
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+34				9.3
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+39	Sh-line			9.1
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+59 ⁵⁷	£	Pave. Edgerton St.	8.7	
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B.M.	5.70	912.77	912.68
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B.M.	9.69	908.78	
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LEFT

±

RIGHT

OVER H1.

$\frac{+0.3}{5.0}$	$\frac{0.0}{4.1}$	$\frac{3.2}{3.1}$	$\frac{5.6}{2.7}$	$\frac{7.1}{1.8}$	$\frac{6.5}{1.5}$	5.8	$\frac{6.4}{1.3}$	$\frac{7.3}{2.1}$	$\frac{6.0}{2.4}$	$\frac{7.6}{5.0}$
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$\frac{+0.2}{5.0}$	$\frac{0.5}{3.8}$	$\frac{3.9}{2.8}$	$\frac{7.8}{2.1}$	$\frac{8.0}{1.8}$	$\frac{7.5}{1.1}$	7.1	$\frac{7.7}{1.1}$	$\frac{8.5}{2.0}$	$\frac{4.0}{3.4}$	$\frac{4.7}{5.0}$
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$\frac{0.0}{5.0}$	$\frac{0.5}{3.7}$	$\frac{4.4}{2.6}$	$\frac{8.6}{2.4}$	$\frac{8.6}{1.7}$	$\frac{8.0}{1.1}$	7.8	$\frac{8.6}{1.1}$	$\frac{9.5}{1.6}$	$\frac{3.5}{3.8}$	$\frac{3.2}{5.0}$
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$\frac{0.3}{5.0}$	$\frac{1.4}{3.4}$	$\frac{4.6}{2.7}$	$\frac{8.9}{1.9}$	$\frac{8.9}{1.6}$	$\frac{8.4}{1.2}$	8.3	$\frac{9.3}{1.3}$	$\frac{10.0}{1.6}$	$\frac{10.1}{1.9}$	$\frac{8.5}{2.1}$	$\frac{6.1}{3.0}$	$\frac{4.3}{5.0}$
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$\frac{1.5}{5.0}$	$\frac{1.3}{3.6}$	$\frac{5.9}{2.5}$	$\frac{10.3}{1.6}$	$\frac{9.1}{1.4}$	9.0	$\frac{9.9}{1.3}$	$\frac{10.9}{1.7}$	$\frac{11.1}{1.9}$	$\frac{8.5}{2.7}$	$\frac{8.7}{5.0}$
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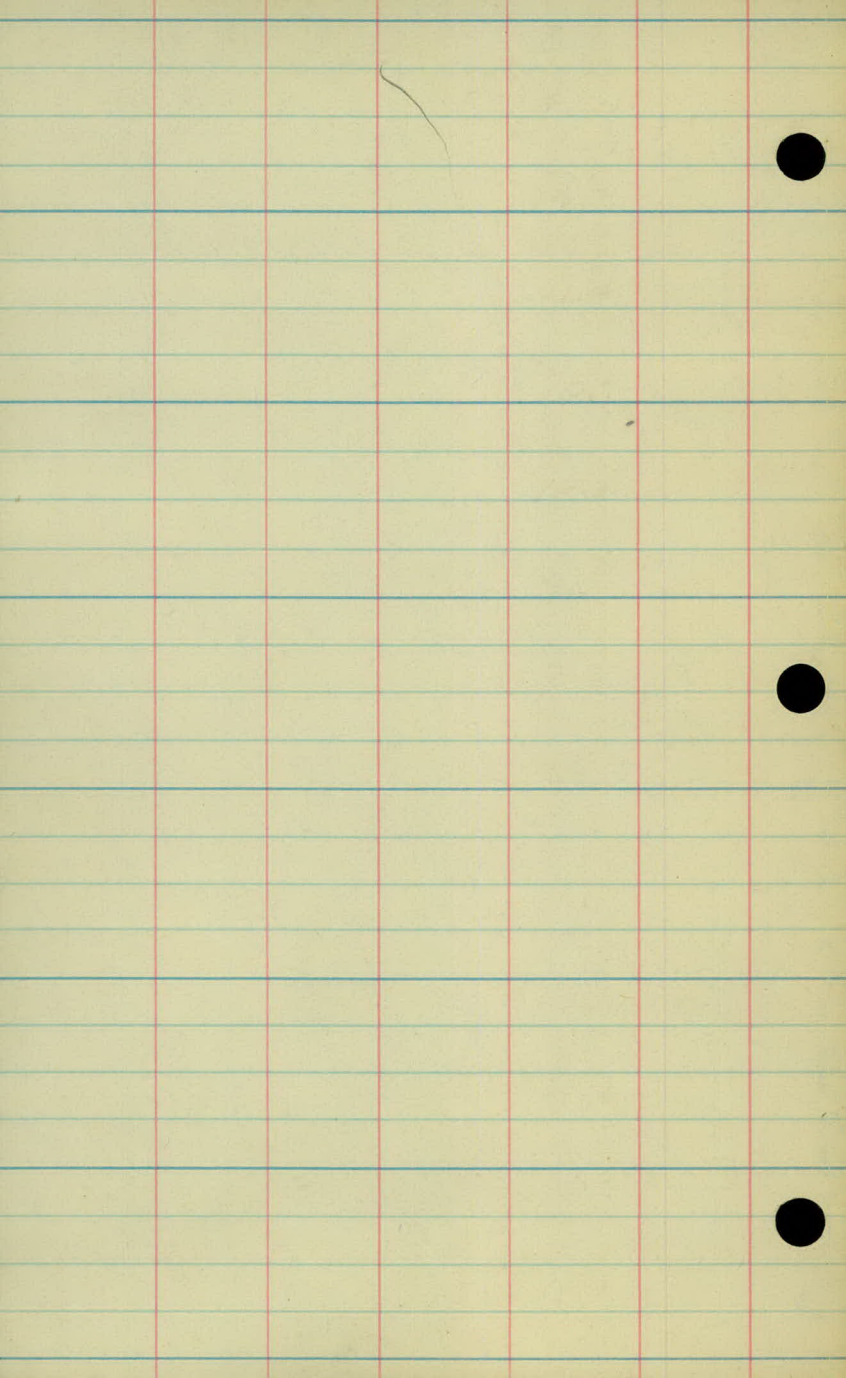
$\frac{9.6}{5.0}$	$\frac{10.0}{4.4}$	$\frac{8.4}{4.2}$	$\frac{9.2}{2.0}$	9.2	$\frac{10.3}{1.5}$	$\frac{12.8}{1.8}$	$\frac{1.4}{5.0}$
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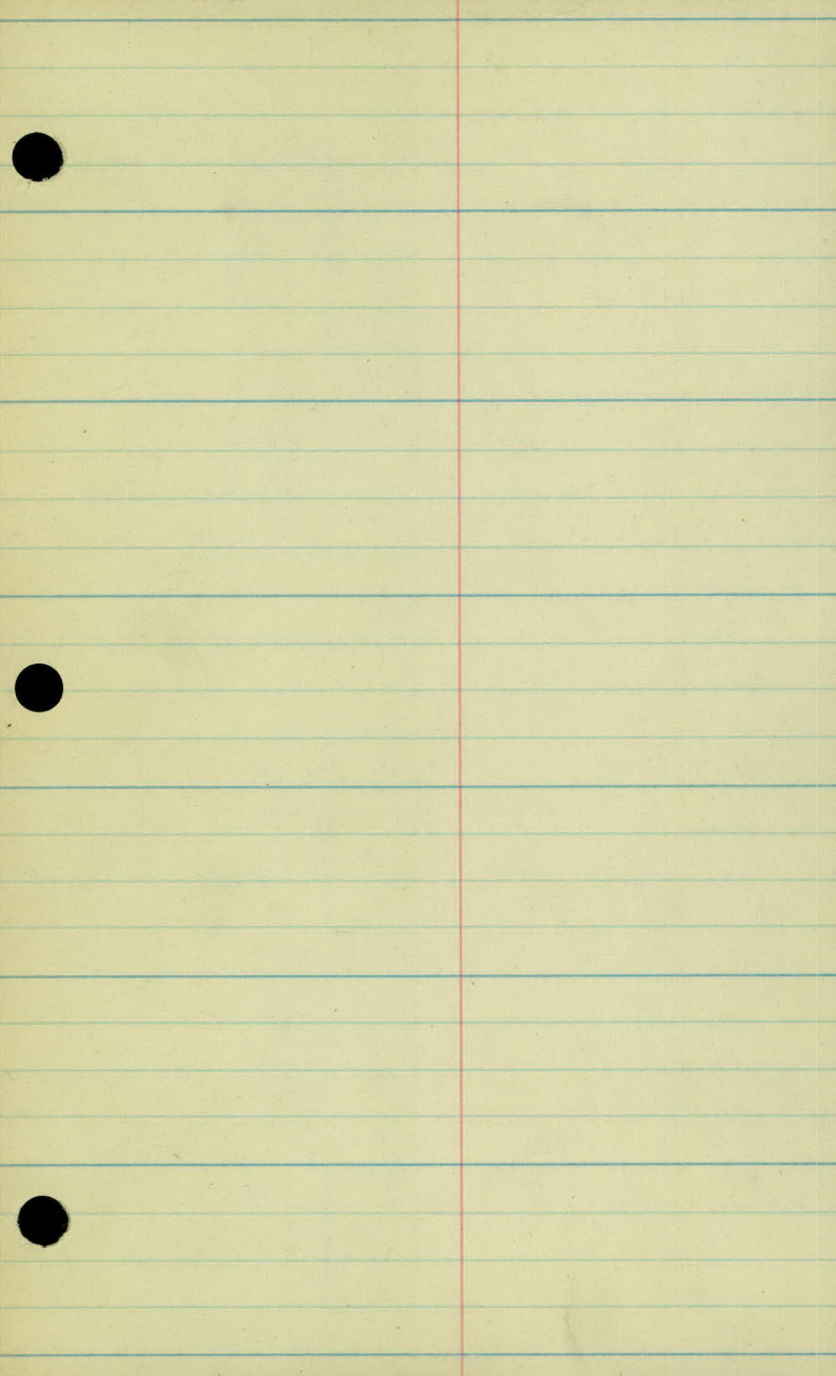
$\frac{7.3}{5.0}$	$\frac{9.0}{2.3}$	9.4	$\frac{10.9}{1.9}$	$\frac{12.6}{5.0}$
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$\frac{7.2}{5.0}$	$\frac{8.5}{2.6}$	9.8	$\frac{11.1}{2.5}$	$\frac{12.4}{5.0}$
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Spk in PP 83' Lt Sta 76+35

Spk in PP S.W. cor Edgerton + A2





76+59.57

B.M. 724 916.02[✓] 908.78

76+75 9.1

+80 9.4

+89 9.8

77+00 10.2

+18 10.9

+50 12.1

78 14.0

T.P. 13.62 928.71[✓] 0.93 915.09

77+00 10.2

+18 10.9

+50 12.1

78 14.0

+50 16.0

79 17.6

Climate is perfect (wonderful outside today.)

Left £ RIGHT.

Spt in P.P. S.W. cor. Edgerton + A².

$$\frac{5.1}{50} \quad \frac{63}{25} \quad 6.9 \quad \frac{76}{14} \quad \frac{89}{28} \quad \frac{10.1}{50}$$

$$\frac{70}{50} \quad \frac{84}{20} \quad \frac{64}{19} \quad 6.6 \quad \frac{74}{15} \quad \frac{85}{25} \quad \frac{10.1}{26} \quad \frac{11.3}{50}$$

$$\frac{1.8}{50} \quad \frac{2.3}{36} \quad \frac{5.8}{18} \quad \frac{8.0}{16} \quad \frac{8.0}{14} \quad \frac{64}{12} \quad 6.2 \quad \frac{6.9}{12} \quad \frac{8.1}{21} \quad \frac{9.1}{22} \quad \frac{5.8}{27} \quad \frac{6.1}{50}$$

$$\frac{14}{33} \quad \frac{3.1}{23} \quad \frac{70}{17} \quad \frac{6.1}{13} \quad 5.8 \quad \frac{7.1}{17} \quad \frac{7.5}{19} \quad \frac{7.8}{21} \quad \frac{5.2}{28} \quad \frac{4.5}{50}$$

$$- \quad \frac{5.9}{18} \quad \frac{6.0}{14} \quad \frac{5.4}{12} \quad 5.1 \quad \frac{6.0}{15} \quad \frac{6.4}{18} \quad \frac{6.2}{20} \quad \frac{5.0}{22} \quad \frac{4.3}{32} \quad \frac{3.4}{36}$$

$$\frac{4.7}{16} \quad \frac{4.6}{12} \quad \frac{4.4}{10} \quad 3.9 \quad \frac{4.5}{13} \quad \frac{5.0}{19} \quad \frac{2.9}{23} \quad \frac{2.3}{25}$$

$$\frac{2.7}{15} \quad \frac{2.5}{11} \quad 2.0 \quad \frac{2.8}{15} \quad \frac{3.0}{19}$$

$$\frac{9.3}{50} \quad 18.5$$

$$\frac{5.2}{50} \quad \frac{5.6}{36} \quad 17.8 \quad \frac{8.3}{57} \quad \frac{8.7}{60}$$

$$\frac{5.0}{50} \quad \frac{5.0}{34} \quad 16.6 \quad \frac{6.9}{34} \quad \frac{7.3}{50}$$

$$\frac{4.3}{50} \quad \frac{4.2}{31} \quad 14.7 \quad \frac{5.4}{3.1} \quad \frac{6.7}{50}$$

$$\frac{4.9}{50} \quad \frac{4.2}{29} \quad \frac{13.4}{16} \quad \frac{13.1}{11} \quad 12.7 \quad \frac{13.2}{12} \quad \frac{13.8}{20} \quad \frac{11.1}{23} \quad \frac{4.2}{31} \quad \frac{5.2}{50}$$

$$\frac{5.8}{50} \quad \frac{5.1}{30} \quad \frac{11.6}{16} \quad \frac{11.6}{13} \quad \frac{7.2}{10} \quad 11.1 \quad \frac{11.6}{13} \quad \frac{12.0}{17} \quad \frac{7.2}{21} \quad \frac{4.2}{30} \quad \frac{5.1}{50}$$

+ H.I. - Elev

928.71

+50

18.9

80

19.6

+50

-

19.7

81

20.0

T.F.

5.71 925.44[✓] 8.98

919.73[✓]

+50

20.2

82

20.1

+50

20.1

83

20.2

+50

20.5

84

20.8

+50

21.2

85

21.4

+50

21.5

7-15-33 Clear warm windy & what have you coming

Lt

L

Rt

$\frac{62}{50}$	$\frac{66}{22}$	$\frac{11.5}{17}$	$\frac{11.1}{14}$	$\frac{10.4}{10}$	98	$\frac{10.1}{14}$	$\frac{10.6}{19}$	$\frac{4.5}{30}$	$\frac{5.5}{50}$
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$\frac{9.4}{50}$	$\frac{9.2}{39}$	$\frac{8.4}{22}$	$\frac{11.0}{17}$	$\frac{11.1}{14}$	$\frac{9.6}{11}$	91	$\frac{9.7}{14}$	$\frac{10.6}{18}$	$\frac{10.4}{22}$	$\frac{4.7}{31}$	$\frac{5.8}{50}$
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$\frac{11.5}{50}$	$\frac{11.5}{27}$	$\frac{11.1}{16}$	$\frac{9.3}{10}$	90	$\frac{9.3}{13}$	$\frac{10.3}{18}$	$\frac{10.4}{25}$	$\frac{8.0}{30}$	$\frac{6.7}{50}$
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$\frac{13.4}{50}$	$\frac{13.7}{27}$	$\frac{13.0}{20}$	$\frac{9.9}{14}$	$\frac{9.2}{9}$	87	$\frac{9.0}{14}$	$\frac{9.7}{18}$	$\frac{11.0}{22}$	$\frac{9.8}{50}$
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$\frac{11.5}{50}$	$\frac{10.2}{26}$	$\frac{6.5}{15}$	52	$\frac{5.8}{17}$	$\frac{8.9}{24}$	$\frac{8.5}{35}$	$\frac{8.0}{50}$
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$\frac{11.0}{50}$	$\frac{11.2}{31}$	$\frac{10.2}{24}$	$\frac{6.5}{15}$	53	$\frac{6.0}{17}$	$\frac{9.5}{24}$	$\frac{8.3}{36}$	$\frac{7.4}{50}$
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$\frac{11.0}{50}$	$\frac{10.9}{31}$	$\frac{10.0}{23}$	$\frac{6.4}{16}$	53	$\frac{5.8}{16}$	$\frac{9.2}{24}$	$\frac{8.6}{38}$	$\frac{7.8}{50}$
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$\frac{11.0}{50}$	$\frac{10.7}{33}$	$\frac{10.6}{25}$	$\frac{6.0}{15}$	52	$\frac{5.7}{16}$	$\frac{8.9}{23}$	$\frac{8.3}{39}$	$\frac{8.1}{50}$
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$\frac{11.2}{50}$	$\frac{11.0}{36}$	$\frac{9.8}{23}$	$\frac{5.8}{15}$	49	$\frac{5.5}{16}$	$\frac{8.3}{23}$	$\frac{7.4}{40}$	$\frac{7.4}{50}$
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$\frac{10.8}{50}$	$\frac{10.5}{35}$	$\frac{9.6}{22}$	$\frac{5.6}{14}$	46	$\frac{5.1}{15}$	$\frac{7.3}{20}$	$\frac{6.5}{41}$	$\frac{6.5}{50}$
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$\frac{10.0}{50}$	$\frac{8.8}{24}$	$\frac{5.6}{18}$	$\frac{4.6}{9}$	42	$\frac{4.5}{12}$	$\frac{5.1}{17}$	$\frac{6.8}{24}$	$\frac{6.4}{32}$	$\frac{2.2}{45}$	$\frac{1.6}{50}$
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$\frac{9.0}{50}$	$\frac{7.9}{33}$	$\frac{7.1}{18}$	$\frac{5.2}{14}$	$\frac{4.3}{9}$	40	$\frac{4.3}{12}$	$\frac{5.1}{16}$	$\frac{6.4}{20}$	$\frac{5.8}{25}$	$\frac{1.3}{33}$	$\frac{0.9}{50}$
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$\frac{7.7}{50}$	$\frac{6.7}{34}$	$\frac{5.9}{16}$	$\frac{5.0}{13}$	$\frac{4.2}{9}$	39	$\frac{4.3}{12}$	$\frac{4.8}{16}$	$\frac{5.7}{18}$	$\frac{5.5}{23}$	$\frac{0.7}{31}$	$\frac{0.9}{50}$
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Station + HI - Elev
925.44

86 21.7

T.R. 7.15 930.47 2.12 923.32

+50 22.4

87 22.5

+50 22.7

88 23.0

+50 23.2

B.M. 9.80 931.43 8.82 921.63

89 23.3

+50 23.6

90 24.0

+50 24.4

91 24.7

91 24.6

+50 24.8 ✓ To Here

Lt. E Rt.

$\frac{5.2}{50}$ $\frac{3.6}{36}$ $\frac{2.0}{23}$ $\frac{6.0}{17}$ $\frac{4.3}{12}$ 3.7 $\frac{4.2}{14}$ $\frac{5.2}{18}$ $\frac{5.1}{22}$ $\frac{0.4}{30}$ $\frac{0.6}{50}$

Nail in TP Lt 86+15

$\frac{7.5}{50}$ $\frac{7.3}{24}$ $\frac{10.2}{18}$ $\frac{10.0}{16}$ $\frac{8.8}{12}$ $\frac{8.2}{8}$ 8.1 $\frac{8.5}{11}$ $\frac{9.0}{15}$ $\frac{9.8}{17}$ $\frac{10.0}{24}$ $\frac{5.5}{30}$ $\frac{6.6}{50}$

$\frac{6.3}{50}$ $\frac{6.4}{24}$ $\frac{9.7}{18}$ $\frac{9.7}{16}$ $\frac{8.6}{12}$ $\frac{8.1}{8}$ 8.0 $\frac{8.3}{11}$ $\frac{8.9}{14}$ $\frac{9.8}{18}$ $\frac{10.0}{23}$ $\frac{7.1}{30}$ $\frac{8.4}{50}$

$\frac{6.3}{50}$ $\frac{6.8}{33}$ $\frac{7.7}{22}$ $\frac{9.8}{19}$ $\frac{9.8}{16}$ $\frac{8.4}{13}$ $\frac{7.9}{8}$ 7.8 $\frac{8.1}{11}$ $\frac{8.6}{15}$ $\frac{10.0}{18}$ $\frac{10.3}{22}$ $\frac{8.1}{27}$ $\frac{10.7}{50}$

$\frac{7.2}{50}$ $\frac{8.1}{32}$ $\frac{9.0}{22}$ $\frac{9.9}{19}$ $\frac{9.9}{17}$ $\frac{8.3}{13}$ $\frac{7.7}{10}$ 7.5 $\frac{7.8}{11}$ $\frac{8.4}{14}$ $\frac{10.4}{18}$ $\frac{11.4}{22}$ $\frac{13.8}{50}$

$\frac{9.8}{50}$ $\frac{10.5}{31}$ $\frac{11.2}{22}$ $\frac{8.3}{16}$ $\frac{7.5}{9}$ 7.3 $\frac{8.0}{13}$ $\frac{13.2}{23}$ $\frac{13.9}{28}$ $\frac{14.8}{50}$

Spr in 18" Oak 44' Rt 89+44.

$\frac{11.1}{50}$ $\frac{11.5}{39}$ $\frac{12.3}{21}$ $\frac{8.9}{14}$ $\frac{8.4}{9}$ 8.1 $\frac{8.3}{12}$ $\frac{9.0}{17}$ $\frac{12.1}{23}$ $\frac{12.7}{37}$ $\frac{12.4}{50}$

$\frac{9.1}{50}$ $\frac{7.5}{28}$ $\frac{9.0}{21}$ $\frac{8.8}{16}$ $\frac{7.9}{9}$ 7.8 $\frac{8.0}{10}$ $\frac{8.5}{16}$ $\frac{9.4}{19}$ $\frac{9.2}{25}$ $\frac{6.5}{31}$ $\frac{5.9}{50}$

$\frac{5.3}{50}$ $\frac{5.5}{24}$ $\frac{8.4}{20}$ $\frac{8.9}{16}$ $\frac{8.3}{14}$ $\frac{7.5}{9}$ 7.4 $\frac{7.5}{10}$ $\frac{8.0}{15}$ $\frac{8.6}{19}$ $\frac{8.1}{24}$ $\frac{3.2}{32}$ $\frac{3.7}{50}$

$\frac{3.7}{50}$ $\frac{3.6}{25}$ $\frac{7.1}{21}$ $\frac{7.9}{17}$ $\frac{7.2}{9}$ 7.0 $\frac{7.2}{12}$ $\frac{8.0}{19}$ $\frac{7.5}{22}$ $\frac{3.0}{30}$ $\frac{3.4}{50}$

~~$\frac{3.8}{50}$ $\frac{3.0}{27}$ $\frac{7.5}{21}$ $\frac{7.6}{15}$ $\frac{7.0}{10}$ 6.7 $\frac{7.1}{11}$ $\frac{7.2}{20}$ $\frac{6.5}{24}$ $\frac{3.5}{30}$~~

$\frac{6.7}{27}$ $\frac{6.9}{22}$ $\frac{8.0}{19}$ $\frac{7.7}{16}$ $\frac{7.0}{9}$ 6.8 $\frac{7.0}{11}$ $\frac{7.5}{19}$ $\frac{7.1}{22}$ $\frac{3.7}{30}$ $\frac{4.1}{50}$

$\frac{3.7}{50}$ $\frac{2.7}{27}$ $\frac{7.3}{19}$ $\frac{7.3}{15}$ $\frac{6.8}{9}$ 6.6 $\frac{6.9}{12}$ $\frac{7.6}{16}$ $\frac{6.5}{26}$ $\frac{4.0}{31}$ $\frac{3.8}{50}$

Sta. + Hl. - Elev
931.43

92 25.1

+50 25.1

93 25.3

+50 25.5

94 25.7

+50 25.8

95 25.7

T.F. 3.79 929.26 ✓ 5.96 925.47

+50 25.5

96 24.8

+50 24.0

97 23.1

+50 21.6

98 19.9

Slightly slower (but very comfortable indeed.) 7.18.33

LT 2 Rt

$\frac{5.1}{50}$ $\frac{4.0}{27}$ $\frac{7.0}{20}$ $\frac{7.4}{17}$ $\frac{6.5}{9}$ 6.3 $\frac{6.5}{11}$ $\frac{7.6}{19}$ $\frac{6.8}{24}$ $\frac{4.4}{31}$ $\frac{4.4}{50}$

$\frac{6.6}{50}$ $\frac{5.7}{27}$ $\frac{7.1}{22}$ $\frac{7.6}{17}$ $\frac{6.6}{10}$ 6.3 $\frac{6.4}{10}$ $\frac{7.3}{18}$ $\frac{6.9}{25}$ $\frac{4.6}{32}$ $\frac{4.4}{42}$ $\frac{3.6}{45}$ $\frac{3.5}{50}$

$\frac{7.1}{50}$ $\frac{6.6}{26}$ $\frac{7.8}{21}$ $\frac{8.0}{16}$ $\frac{6.8}{13}$ $\frac{6.2}{9}$ 6.1 $\frac{6.3}{11}$ $\frac{6.9}{15}$ $\frac{7.6}{18}$ $\frac{6.8}{28}$ $\frac{5.0}{32}$ $\frac{4.7}{50}$

$\frac{7.6}{50}$ $\frac{7.2}{20}$ $\frac{7.6}{17}$ $\frac{6.6}{14}$ $\frac{6.1}{10}$ 5.9 $\frac{6.0}{10}$ $\frac{6.6}{14}$ $\frac{7.8}{17}$ $\frac{7.3}{25}$ $\frac{6.1}{29}$ $\frac{5.3}{50}$

$\frac{8.1}{50}$ $\frac{7.3}{20}$ $\frac{7.8}{18}$ $\frac{6.4}{14}$ $\frac{5.8}{10}$ 5.7 $\frac{6.0}{12}$ $\frac{7.8}{18}$ $\frac{7.4}{21}$ $\frac{6.6}{50}$

$\frac{7.5}{50}$ $\frac{7.6}{20}$ $\frac{7.5}{16}$ $\frac{6.4}{14}$ $\frac{5.8}{10}$ 5.6 $\frac{5.7}{9}$ $\frac{6.4}{13}$ $\frac{8.0}{18}$ $\frac{7.5}{21}$ $\frac{7.5}{50}$

$\frac{5.9}{50}$ $\frac{6.6}{26}$ $\frac{7.3}{19}$ $\frac{6.4}{15}$ $\frac{5.9}{10}$ 5.7 $\frac{5.9}{9}$ $\frac{6.4}{14}$ $\frac{7.6}{19}$ $\frac{7.3}{23}$ $\frac{8.2}{50}$

$\frac{2.9}{50}$ $\frac{3.0}{31}$ $\frac{5.9}{22}$ $\frac{5.6}{18}$ $\frac{4.6}{14}$ $\frac{4.0}{10}$ 3.8 $\frac{3.9}{9}$ $\frac{4.5}{14}$ $\frac{5.4}{17}$ $\frac{5.3}{22}$ $\frac{3.6}{32}$ $\frac{4.3}{50}$

$\frac{2.5}{50}$ $\frac{2.3}{29}$ $\frac{6.6}{21}$ $\frac{6.2}{16}$ $\frac{5.1}{14}$ $\frac{4.6}{10}$ 4.5 $\frac{4.6}{9}$ $\frac{5.3}{14}$ $\frac{6.3}{17}$ $\frac{6.2}{22}$ $\frac{3.1}{36}$ $\frac{3.7}{50}$

$\frac{1.8}{50}$ $\frac{1.8}{3.0}$ $\frac{7.0}{21}$ $\frac{7.0}{17}$ $\frac{5.9}{13}$ $\frac{5.3}{9}$ 5.3 $\frac{5.4}{19}$ $\frac{6.0}{13}$ $\frac{7.0}{17}$ $\frac{6.7}{22}$ $\frac{4.7}{31}$ $\frac{4.4}{50}$
9?

$\frac{1.5}{50}$ $\frac{1.8}{30}$ $\frac{7.6}{20}$ $\frac{7.6}{17}$ $\frac{7.1}{14}$ $\frac{6.4}{10}$ 6.2 $\frac{6.4}{10}$ $\frac{6.8}{13}$ $\frac{8.0}{17}$ $\frac{8.0}{20}$ $\frac{7.0}{25}$ $\frac{5.2}{34}$ $\frac{5.3}{50}$

$\frac{0.6}{50}$ $\frac{1.0}{30}$ $\frac{9.3}{20}$ $\frac{9.2}{17}$ $\frac{8.3}{14}$ $\frac{7.9}{10}$ 7.7 $\frac{7.9}{9}$ $\frac{8.6}{15}$ $\frac{9.1}{19}$ $\frac{9.3}{22}$ $\frac{8.3}{25}$ $\frac{7.0}{50}$

$\frac{1.3}{50}$ $\frac{2.0}{28}$ $\frac{10.7}{19}$ $\frac{10.8}{16}$ $\frac{10.2}{14}$ $\frac{9.7}{10}$ 9.4 $\frac{9.5}{9}$ $\frac{10.2}{16}$ $\frac{11.0}{18}$ $\frac{11.1}{24}$ $\frac{10.3}{27}$ $\frac{9.3}{50}$

Sta + H.I. - Elev

929.26

+50

18.1

T.P.

0.21

916.57

12.90

916.36

99

15.9

+50

13.5

100

11.3

+50

9.4

101

7.5

+50

5.2

+95

3.2

102

2.9

T.P.

8.89

912.25

13.21

903.36

+43

1.1

+50

0.8

+793

£

Arcade

St. 899.4

B.M.

0.06

903.28

9.03

903.22

T.P.

0.37

889.95

13.70

889.58

T.P.

0.93

877.88

13.00

876.95

Lt.

L

Rt.

$\frac{5.8}{5.0}$	$\frac{7.2}{26}$	$\frac{11.3}{23}$	$\frac{12.4}{16}$	$\frac{12.1}{15}$	$\frac{11.6}{10}$	11.2	$\frac{11.5}{9}$	$\frac{12.1}{16}$	$\frac{12.8}{19}$	$\frac{13.1}{22}$	$\frac{12.8}{25}$	$\frac{13.4}{5.0}$
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$\frac{0.6}{5.0}$	$\frac{1.4}{3.0}$	$\frac{1.9}{23}$	$\frac{2.2}{16}$	$\frac{0.9}{10}$	0.7	$\frac{0.9}{9}$	$\frac{1.8}{14}$	$\frac{5.3}{22}$	$\frac{6.3}{37}$	$\frac{7.2}{5.0}$
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$\frac{4.2}{5.0}$	$\frac{4.6}{32}$	$\frac{4.7}{17}$	$\frac{3.6}{13}$	3.1	$\frac{3.3}{9}$	$\frac{4.2}{16}$	$\frac{9.3}{25}$	$\frac{10.4}{36}$	$\frac{11.4}{5.0}$
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$\frac{6.0}{5.0}$	$\frac{6.5}{22}$	$\frac{7.0}{18}$	$\frac{5.9}{14}$	$\frac{5.5}{10}$	5.3	$\frac{5.5}{9}$	$\frac{6.5}{18}$	$\frac{9.4}{24}$	$\frac{10.0}{5.0}$
-------------------	------------------	------------------	------------------	------------------	-----	-----------------	------------------	------------------	--------------------

$\frac{6.6}{5.0}$	$\frac{7.4}{21}$	$\frac{9.2}{17}$	$\frac{8.2}{14}$	$\frac{7.5}{11}$	7.2	$\frac{7.5}{9}$	$\frac{8.2}{18}$	$\frac{10.2}{23}$	$\frac{10.6}{33}$	$\frac{11.0}{5.0}$
-------------------	------------------	------------------	------------------	------------------	-----	-----------------	------------------	-------------------	-------------------	--------------------

$\frac{6.3}{5.0}$	$\frac{7.6}{22}$	$\frac{10.5}{17}$	$\frac{9.7}{15}$	$\frac{9.3}{9}$	9.1	$\frac{9.6}{10}$	$\frac{10.0}{16}$	$\frac{10.4}{19}$	$\frac{9.5}{23}$	$\frac{9.1}{38}$	$\frac{8.1}{5.0}$
-------------------	------------------	-------------------	------------------	-----------------	-----	------------------	-------------------	-------------------	------------------	------------------	-------------------

$\frac{8.3}{5.0}$	$\frac{8.3}{25}$	$\frac{13.2}{20}$	$\frac{13.5}{18}$	$\frac{12.5}{14}$	$\frac{11.9}{9}$	11.4	$\frac{11.6}{10}$	$\frac{12.2}{17}$	$\frac{12.0}{22}$	$\frac{8.2}{27}$	$\frac{6.3}{5.0}$
-------------------	------------------	-------------------	-------------------	-------------------	------------------	------	-------------------	-------------------	-------------------	------------------	-------------------

$\frac{11.5}{5.0}$	$\frac{11.6}{28}$	$\frac{15.9}{25}$	$\frac{15.9}{23}$	$\frac{14.9}{20}$	$\frac{14.0}{14}$	13.4	$\frac{13.8}{10}$	$\frac{13.8}{21}$	$\frac{12.7}{28}$	$\frac{8.9}{33}$	$\frac{7.9}{5.0}$
--------------------	-------------------	-------------------	-------------------	-------------------	-------------------	------	-------------------	-------------------	-------------------	------------------	-------------------

$\frac{16.2}{5.0}$	$\frac{14.9}{28}$	$\frac{16.2}{26}$	$\frac{16.2}{24}$	$\frac{15.2}{21}$	$\frac{14.8}{16}$	13.7	$\frac{13.8}{10}$	$\frac{13.8}{21}$	$\frac{13.6}{27}$	$\frac{9.5}{33}$	$\frac{8.5}{5.0}$
--------------------	-------------------	-------------------	-------------------	-------------------	-------------------	------	-------------------	-------------------	-------------------	------------------	-------------------

$\frac{13.3}{5.0}$	$\frac{13.1}{37}$	$\frac{12.0}{21}$	11.2	$\frac{10.7}{29}$	$\frac{9.7}{5.0}$	$\frac{3.7}{60}$	$\frac{3.7}{65}$
--------------------	-------------------	-------------------	------	-------------------	-------------------	------------------	------------------

$\frac{13.7}{5.0}$	$\frac{12.3}{25}$	11.5	$\frac{10.9}{30}$	$\frac{10.4}{5.0}$	$\frac{10.1}{60}$	$\frac{10.0}{65}$
--------------------	-------------------	------	-------------------	--------------------	-------------------	-------------------

$\frac{14.8}{5.0}$	$\frac{13.7}{22}$	12.9	$\frac{11.9}{21}$	$\frac{10.7}{5.0}$
--------------------	-------------------	------	-------------------	--------------------

Spk in P.P. S.W. cor Arcade + A²

Day
Light

877.88

T.P

300

867.93

12.95

864.93

B.M

3.94

863.99

863.90

→ Spd in 15" Well. mouth of flow line at
Thalen Pump.

Co. Rd. Az

McMeinny

Sta	+	H.I.	-	Elev
B.M.	1.36	910.29		908.93
T.P.	0.05	897.23	13.11	897.18
T.P.	7.10	890.57	13.76	883.47
42				79.4

+50				80.8
-----	--	--	--	------

43				82.7
----	--	--	--	------

+50				85.1
-----	--	--	--	------

44				87.8
----	--	--	--	------

+50.				90.1
------	--	--	--	------

+80				91.6
-----	--	--	--	------

T.P.	0.96	884.43	7.10	883.47
------	------	--------	------	--------

42+50				80.8
-------	--	--	--	------

43				82.7
----	--	--	--	------

T.P.	0.28	883.75	0.96	883.47
------	------	--------	------	--------

T.P.	0.14	871.89	12.00	871.75
------	------	--------	-------	--------

42				79.4
----	--	--	--	------

+50				80.8
-----	--	--	--	------

43				82.7
----	--	--	--	------

$$42-41 = 42-50 = 44 = 50$$

Left $\neq$ Right.

$$11.2 \quad \frac{5.0}{72} \quad \frac{0.0}{100}$$

$$9.8 \quad \frac{13.1}{75} \quad \frac{3.0}{10.0}$$

$$7.9 \quad \frac{13.6}{80} \quad \frac{8.2}{100}$$

$$5.5 \quad \frac{9.8}{74} \quad \frac{6.6}{100}$$

$$2.8 \quad \frac{7.5}{50} \quad \frac{4.7}{65} \quad \frac{3.2}{89} \quad \frac{3.1}{100}$$

$$\frac{11.4}{100} \quad \frac{11.0}{75} \quad 0.5 \quad \frac{5.1}{75} \quad \frac{6.0}{100}$$

$$\frac{0.8}{100} \quad \frac{0.4}{75} + 1.0 \quad \frac{5.1}{75} \quad \frac{5.3}{100}$$

$$3.6 \quad \frac{10.5}{67}$$

$$1.7 \quad \frac{15.0}{60} \quad \frac{11.8}{69}$$

$$\frac{12.8}{100} \quad \frac{9.8}{55} + 7.5$$

$$\frac{15.3}{100} \quad \frac{14.3}{73} + 8.9$$

$$\frac{15.0}{100} \quad \frac{13.9}{77} + 10.8$$

Elev.

871.89

43+50

85.1

+4

87.8

T.P.

13.56

882.05

3.40

868.49

^{old}
T.P.

13.57

892.79

21.84

879.21

879.22

T.P.

13.48

905.79

0.48

892.31

45

92.6

+14

93.2

T.P.

12.85

918.56

0.08

905.71

+63

95.4

46

97.0

+50

899.1

47

901.2

+50

03.0

T.P.

8.81

918.77

8.60

909.96

48

04.4

+50

05.5

+85

06.2

Aug. 28-33

Left $\frac{2}{\text{RIGHT.}}$

$$\frac{10.8}{100} \quad \frac{10.3}{70} + 13.2$$

$$\frac{6.9}{100} \quad \frac{5.7}{75} + 15.9$$

$$\frac{11.5}{190} \quad \frac{10.7}{75} 13.2 \quad \frac{6.4}{50} \quad \frac{12.0}{71} \quad \frac{16.8}{100}$$

$$\frac{5.9}{100} \quad \frac{4.9}{78} \quad \frac{5.4}{64} 17.6 \quad \frac{8.2}{73} \quad \frac{13.3}{100}$$

Top Rock 45' + 45 + 38

$$\frac{2.7}{100} \quad \frac{2.3}{72} 23.2 \quad \frac{7.8}{68} \quad \frac{14.2}{100}$$

$$\frac{3.0}{100} \quad \frac{2.9}{85} \quad \frac{1.8}{64} 21.6 \quad \frac{7.6}{66} \quad \frac{7.0}{86} \quad \frac{7.8}{100}$$

$$\frac{9.7}{100} \quad \frac{4.5}{80} \quad \frac{1.8}{62} 19.5 \quad \frac{8.0}{76} \quad \frac{7.8}{100}$$

$$\frac{15.2}{100} \quad \frac{6.0}{66} \quad \frac{2.8}{50} 17.4 \quad \frac{0.8}{67} \quad \frac{0.0}{83} \quad \frac{0.5}{100}$$

$$\frac{13.0}{100} \quad \frac{7.3}{72} 15.6 \quad \frac{5.4}{80} \quad \frac{5.3}{100}$$

$$\frac{5.0}{100} 14.4 \quad \frac{9.7}{100}$$

$$\frac{6.1}{100} 13.3 \quad \frac{4.8}{100}$$

$$\frac{9.1}{100} \quad \frac{7.7}{70} 12.6 \quad \frac{3.1}{75} \quad \frac{2.8}{100}$$

Sta.	+	H.I.	-	Elev.
------	---	------	---	-------

918.77

49

06.4

+50

07.1

B.M.

3.25

912.18

9.82

908.95

908.93

49+50

07.1

50

7.5

+21

7.8

+26

7.9

+41.95

± Mc Menemy. 8.2

+56

8.5

+60

8.2

+63

8.6

51

8.8

B.M.

13.47

922.40

3.25

908.93

+50

9.8

52

10.9

heft.

22

RIGHT.

$\frac{9.1}{100} = 12.4$

$$\frac{4.7}{73} \quad \frac{4.4}{100.0}$$

4.4

$$11.7 \quad \frac{11.6}{72} \quad \frac{12.4}{100}$$

3pt in H. pole NE. cor. R² M² Menemy.

$$\frac{14.7}{100} \quad \frac{14.0}{79} \quad \frac{12.3}{64} \quad \frac{10.8}{61} \quad 5.1$$

$$\frac{15.7}{100} \quad \frac{14.1}{58} \quad \frac{13.4}{56} \quad 4.7 \quad \frac{5.7}{100}$$

$$\frac{130}{100} \quad 4.4 \quad \frac{50}{100}$$

$$\frac{6.1}{100} \quad 4.3 \quad \frac{5.3}{100}$$

$$\frac{5.1}{100} \quad 4.0 \quad \frac{4.4}{100}$$

$$\frac{6.0}{100} \quad 3.7 \quad \frac{5.3}{100}$$

$$\frac{7.7}{100} \quad 4.0 \quad \frac{5.8}{100}$$

$$\frac{84}{100} \quad 3.6 \quad \frac{4.6}{100}$$

$$\frac{4.2}{100} \quad 3.4 \quad \frac{2.7}{100}$$

$$\frac{2.1}{100} \quad \frac{3.8}{69} \quad 12\% \quad \frac{11.4}{100}$$

$$\begin{array}{r} 8.8 \\ \hline 11.5 \\ 100 \end{array}$$

922.40

+50

11.9

53

13.1

+20

13.6

+50

14.1

54

14.2

~~175~~

T.P.

10.35

932.67

0.08

922.32

52

10.9

+50

11.9

53

13.1

+20

13.6

+50

14.1

54

14.2

T.P.

1.02

920.06

13.63

919.04

+75

13.5

Lt

~~£~~ 17

$$10.5 \quad \frac{6.6}{100}$$

$$9.3 \quad \frac{4.3}{100}$$

$$8.8 \quad \frac{6.7}{100}$$

$$8.3 \quad \frac{6.7}{100}$$

$$8.2 \quad \frac{4.6}{100}$$

$$\frac{6.4}{100} \quad 21.8$$

$$\frac{3.9}{100} \quad 20.8$$

$$\frac{2.8}{100} \quad 19.6$$

$$\frac{2.9}{100} \quad 19.1$$

$$\frac{3.8}{100} \quad 18.6$$

$$\frac{7.7}{100} \quad 18.5$$

$$\frac{2.8}{100} \quad 46.6 \quad \frac{11.6}{75} \quad \frac{13.7}{100}$$

920.06

55 13.0

+50 12.2

T.P. 1.20 913.31 7.25 912.11

55+50 12.2

56 11.1

+50 10.0

57 8.0

+50 7.6

58 6.8

T.P. 0.75 901.82 12.24 901.07

58+50 6.2

T.P. 2.25 892.08 11.99 889.83

59 5.9

+50 5.8

60 5.8

T.P. 12.99 904.37⁸ 0.69 891.38⁹

B.M. 1373 910.39 7.68 896.69⁷⁰ 896.66

L E R

$$\frac{4.4}{100} \quad 7.1 \quad \frac{17.6}{100}$$

$$\frac{10.0}{100} \quad 7.9 \quad -$$

$$1.1 \quad \frac{11.6}{79} \quad \frac{12.8}{100}$$

$$\frac{10.4}{100} \quad \frac{8.7}{64} \quad 2.2 \quad \frac{11.7}{89} \quad \frac{11.5}{100}$$

$$\frac{12.0}{100} \quad \frac{7.2}{71} \quad 3.3 \quad \frac{8.7}{77} \quad \frac{9.5}{100}$$

$$\frac{6.3}{100} \quad \frac{5.7}{86} \quad 5.3 \quad \frac{7.3}{77} \quad \frac{7.7}{100}$$

$$\frac{10.9}{100} \quad \frac{9.6}{89} \quad \frac{9.8}{76} \quad 5.7 \quad \frac{7.3}{50} \quad \frac{7.1}{100}$$

$$6.5 \quad \frac{12.4}{69} \quad \frac{12.0}{73} \quad \frac{10.7}{100}$$

$$+4.4 \quad \frac{10.8}{71} \quad \frac{8.5}{100}$$

$$+13.8 \quad \frac{6.8}{79} \quad \frac{7.5}{100}$$

$$+13.7 \quad \frac{6.0}{56} \quad \frac{9.4}{77} \quad \frac{7.5}{100}$$

$$+13.7 \quad \frac{6.8}{65} \quad \frac{7.7}{67} \quad \frac{11.3}{100}$$

Top Rock 40' Rt 60+78

910.39

58

6.8

+50

6.2 ✓

59

5.9 ✓

+50

5.8 ✓

60

5.8 ✓

BM

13.73

896.66 ✓

$$2+ \frac{14.8}{100} \neq 3.6$$

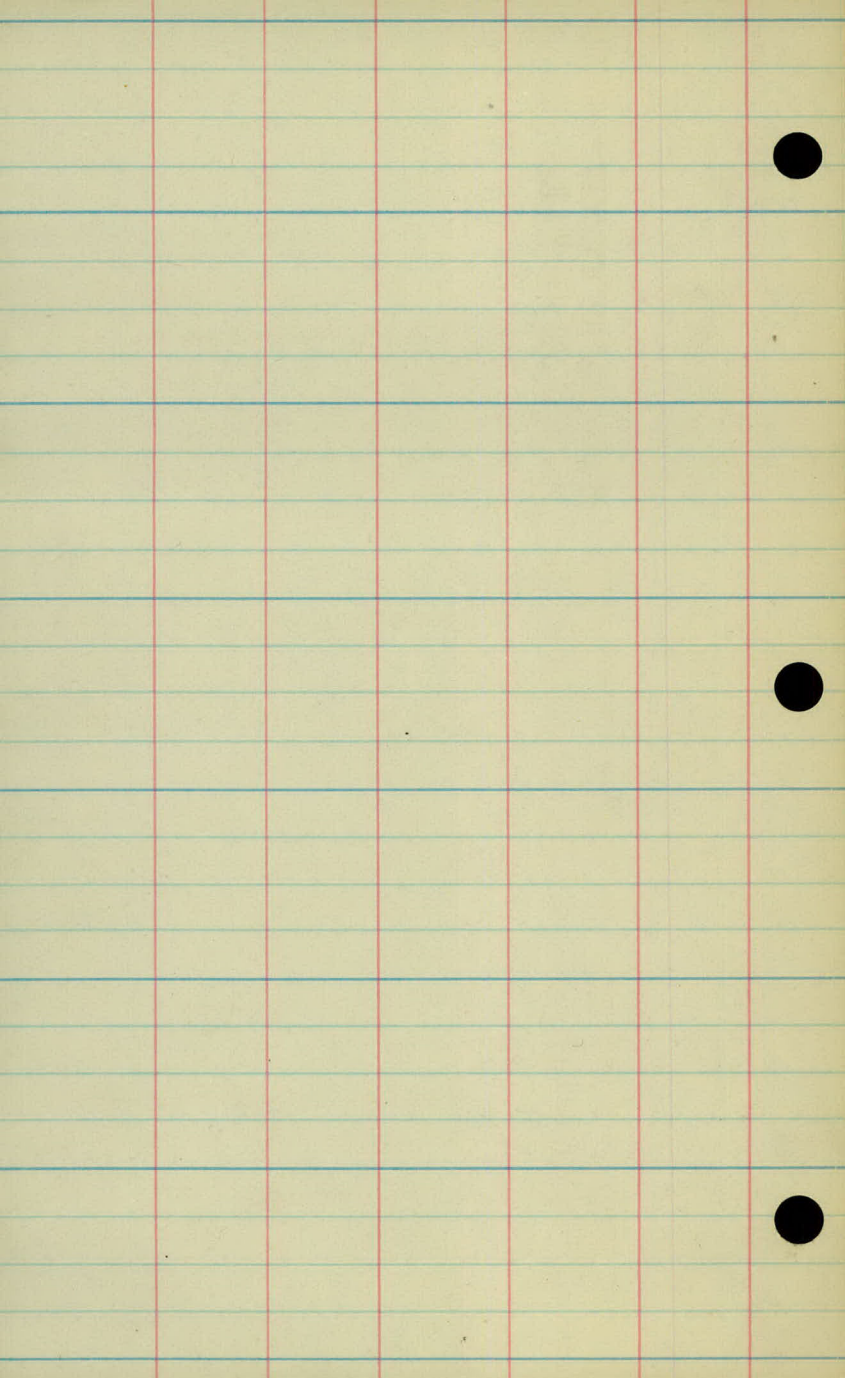
$$\frac{16.8}{100} \quad \frac{15.4}{86} \quad \frac{13.3}{81} \quad \frac{11.5}{62} \quad 4.2$$

$$\frac{15.6}{100} \quad \frac{14.6}{88} \quad \frac{11.8}{81} \quad \frac{10.5}{63} \quad 4.5$$

$$\frac{12.0}{100} \quad \frac{11.8}{95} \quad \frac{10.1}{91} \quad \frac{8.4}{76} \quad \frac{8.4}{63} \quad 4.6$$

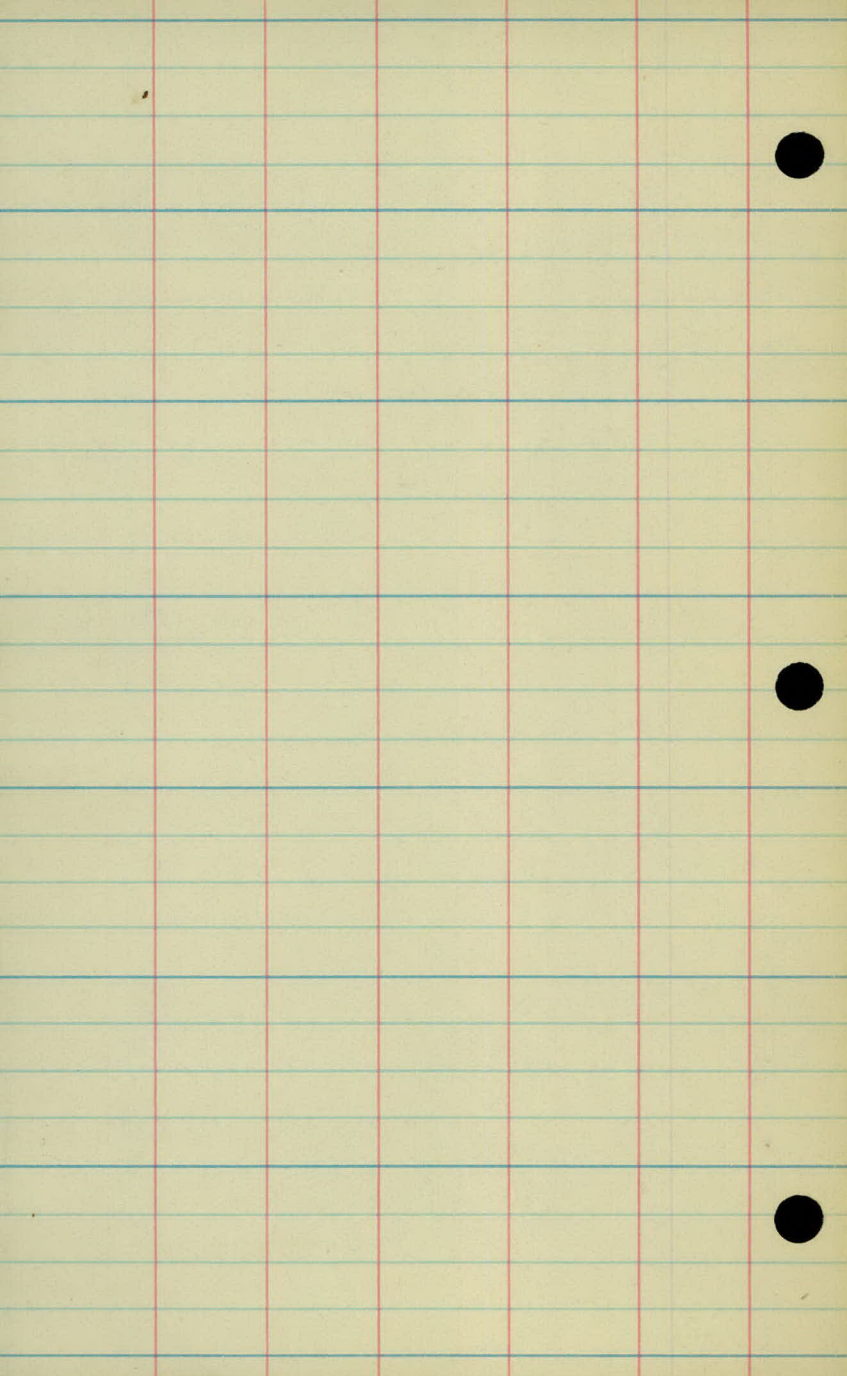
$$\frac{9.0}{102} \quad \frac{7.2}{99} \quad \frac{5.1}{76} \quad \frac{5.6}{61} \quad 4.6$$

Top Rock 40' 104. 60 + 78.



Co Rd A2

at
Edgerton Street



X Sections

Sta. 68+00 To Sta 88+00

Road # 65

Sta.	+	H.I.	-	Elev
B.M.	1.78	916.05		914.27
68				10.6
+50				11.2
T.P.	2.16	908.53	9.68	906.37
68+50				11.2
69				12.1
+50				13.1
T.P.	13.52	919.89	2.16	906.37
69				12.1
+50				13.1
70				13.9
+50				14.4
71				14.8
+50				15.0
+91				15.2
T.P.	12.07	925.49	6.47	913.42
70+50				14.4

(California here I come.) 7-29-33

Lt

L

Lt.

Spt in T.P. 23' Lt 69+50

$$\frac{1.6}{100} \quad \frac{3.2}{75} \quad 5.5 \quad \frac{12.2}{75} \quad \frac{12.2}{87} \quad \frac{13.4}{100}$$

$$\frac{0.0}{100} \quad \frac{1.6}{75} \quad 4.9$$

$$+2.7 \quad \frac{7.9}{72} \quad \frac{10.1}{100}$$

$$+3.6 \quad \frac{6.9}{60} \quad \frac{9.0}{80} \quad \frac{11.5}{100}$$

$$+4.6 \quad \frac{3.3}{58} \quad \frac{3.8}{61} \quad \frac{6.4}{84} \quad \frac{8.2}{100}$$

$$\frac{1.7}{100} \quad \frac{2.5}{75} \quad 7.8$$

$$\frac{0.2}{100} \quad \frac{2.2}{75} \quad 6.8$$

$$\text{over H.} \\ +0.3 \quad \frac{1.8}{75} \quad 6.0 \quad \frac{9.9}{64} \quad \frac{12.0}{75} \quad \frac{13.9}{100}$$

$$\frac{1.5}{100} \quad \frac{3.2}{75} \quad 5.5$$

$$\frac{4.3}{100} \quad \frac{5.1}{75} \quad 5.1$$

$$\frac{5.3}{100} \quad \frac{6.1}{75} \quad 4.9$$

$$\frac{3.9}{100} \quad \frac{4.5}{75} \quad 4.7$$

$$11.1 \quad \frac{11.8}{75} \quad \frac{12.7}{100}$$

Station Plus H-1. Minus Elev.

925.49

71 14.8

+50 15.0

+91 15.2

72 15.3

+50 15.4

73 15.1

+50 14.9

74 14.4

+50 13.7

75 12.7

+50 11.4

+84 10.7

76 10.2

LEFT

E

RIGHT

$$10.7 \quad \frac{86}{75} \quad \frac{9.3}{100}$$

$$10.5 \quad \frac{77}{75} \quad \frac{8.5}{100}$$

$$10.3 \quad \frac{78}{75} \quad \frac{8.5}{100}$$

$$\frac{5.1}{100} \quad \frac{5.6}{75} \quad 10.2 \quad \frac{79}{75} \quad \frac{8.4}{100}$$

$$\frac{3.0}{100} \quad \frac{4.0}{75} \quad 10.1 \quad \frac{79}{70} \quad \frac{8.9}{100}$$

$$\frac{2.4}{100} \quad \frac{3.6}{75} \quad 10.4 \quad \frac{13.2}{65} \quad \frac{13.1}{83} \quad \frac{12.1}{100}$$

$$\frac{2.6}{100} \quad \frac{4.1}{75} \quad 10.6$$

$$\frac{3.3}{100} \quad \frac{5.0}{75} \quad 11.1$$

$$\frac{3.9}{100} \quad \frac{6.0}{75} \quad 11.8$$

$$\frac{3.5}{100} \quad \frac{4.2}{75} \quad 12.8$$

$$\frac{3.6}{100} \quad \frac{5.0}{75} \quad 14.1$$

$$\frac{4.8}{100} \quad \frac{5.7}{75} \quad 14.8$$

$$\frac{5.7}{100} \quad \frac{6.3}{75} \quad 15.3$$

School
yard

925.49

76+23

9.5

T.P. 6.14 919.32 12.34 913.15 913.18

73+50

14.9

74

14.4

+50

13.7

T.P. 4.71 917.89 6.14 913.18

75

12.7

+50

11.4

+84

10.7

76

10.2

+23

9.5

B.M. 5.08 913.86 9.11 908.78 908.78

+34

9.3

+39

9.1

+59 ⁵⁷ * Edgerton. St. 8.7

+75

9.1

$$\frac{6.6}{100} \quad \frac{7.9}{75} \quad 16.0$$

$$4.4 \quad \frac{9.8}{75} \quad \frac{10.3}{100}$$

$$4.9 \quad \frac{11.0}{75} \quad \frac{13.4}{100}$$

$$5.6 \quad \frac{12.0}{75} \quad \frac{13.7}{100}$$

$$5.2 \quad \frac{8.2}{75} \quad \frac{9.3}{100}$$

$$6.5 \quad \frac{4.9}{7.9} \quad \text{House.}$$

$$7.2 \quad \frac{3.1}{75} \quad \frac{3.8}{100}$$

$$7.7 \quad \frac{3.6}{75} \quad \frac{3.8}{100}$$

$$8.4 \quad \frac{8.2}{75} \quad \frac{8.6}{100}$$

$$\frac{2.1}{100} \quad \frac{3.1}{75} \quad 4.6 \quad \frac{10.7}{75} \quad \frac{11.4}{100}$$

$$\frac{0.6}{100} \quad \frac{1.9}{75} \quad 4.8 \quad \frac{9.1}{75} \quad \frac{9.9}{100}$$

$$\frac{0.3}{100} \quad \frac{1.5}{75} \quad 5.2 \quad \frac{9.0}{75} \quad \frac{10.3}{100}$$

$$\frac{0.4}{100} \quad \frac{1.4}{75} \quad 4.8 \quad \frac{9.1}{75} \quad \frac{10.6}{100}$$

913.86

+ 80

9.4

T.P.

12.03 925.21

0.68

913.18

+ 89

9.8

77

10.2

+ 18

10.9

+ 50

12.1

78

14.0

+ 50

16.0

T.P.

10.13

928³2⁴

7.11

918.10

78 + 50

16.0

79

17.6

+ 50

18.9

80

19.6

+ 50

19.7

81

20.0⁵

T.P.

4.07

925.1²8

7.18

921.06

Left. $\neq$ Right

$$\frac{2.7}{100} \quad \frac{3.6}{75} \quad 4.5 \quad \frac{10.5}{75} \quad \frac{11.6}{100}$$

$$\frac{9.0}{100} \quad \frac{9.1}{75} \quad 15.4 \quad \frac{17.4}{75} \quad \frac{18.0}{100}$$

$$\frac{2.2}{100} \quad \frac{2.5}{75} \quad 15.0 \quad \frac{5.8}{75} \quad \frac{7.8}{100}$$

$$\frac{1.4}{100} \quad \frac{1.7}{75} \quad 14.3 \quad \frac{5.5}{79} \quad \frac{6.5}{79} \quad \frac{8.3}{100}$$

$$\text{House. } 13.1 \quad \frac{6.8}{75} \quad \frac{9.7}{100}$$

$$\frac{0.4}{100} \quad \frac{0.4}{75} \quad 11.2 \quad \frac{6.7}{80} \quad \frac{8.8}{100}$$

$$9.2 \quad \frac{4.0}{75} \quad \frac{6.6}{100}$$

$$\frac{3.6}{100} \quad \frac{3.6}{70} \quad 12.2$$

$$\frac{4.8}{100} \quad \frac{4.4}{75} \quad 10.6 \quad \frac{6.3}{75} \quad \frac{8.8}{100}$$

$$\frac{5.7}{100} \quad \frac{5.6}{75} \quad 9.3 \quad \frac{7.0}{75} \quad \frac{9.4}{100}$$

$$\frac{8.5}{100} \quad \frac{8.5}{75} \quad 8.6 \quad \frac{6.8}{75} \quad \frac{9.6}{100}$$

$$\frac{11.4}{100} \quad \frac{11.4}{75} \quad 8.5 \quad \frac{6.8}{75} \quad \frac{8.4}{100}$$

$$\frac{12.6}{100} \quad \frac{12.6}{75} \quad 8.2 \quad \frac{8.6}{70} \quad \frac{6.6}{78} \quad \frac{8.1}{100}$$

50 + H.I. - Elev.
925.13

+50 No. 2

82 No. 1

+50 No. 1

83 No. 2

+50 No. 5

84 No. 8

+50 No. 2

T.P. 6.45 929.80⁷⁹ 1.18 923.35⁴

85 No. 4

+50 No. 5

86 No. 7

+50 No. 4

87 No. 5

+50 No. 7

(Coliforms here I come.) Lock out Constants Bennett.

Lt £ Rt.

$$\frac{10.6}{100} \quad \frac{10.8}{75} \quad 4.9 \quad \frac{6.4}{70} \quad \frac{4.2}{83} \quad \frac{2.4}{95} \quad \frac{2.4}{100}$$

$$\frac{11.0}{100} \quad \frac{10.6}{75} \quad 5.0 \quad \frac{7.1}{64} \quad \frac{6.4}{75} \quad \frac{6.0}{95} \quad \frac{2.2}{105}$$

$$\frac{11.2}{100} \quad \frac{10.6}{75} \quad 5.0 \quad \frac{6.8}{80} \quad \frac{5.6}{100}$$

$$\frac{11.2}{100} \quad \frac{11.2}{75} \quad 4.9 \quad \frac{5.8}{88} \quad \frac{4.6}{100}$$

$$\frac{11.0}{100} \quad \frac{11.1}{75} \quad 4.6 \quad \frac{5.3}{86} \quad \frac{1.4}{97} \quad \frac{0.3}{100}$$

$$\frac{11.3}{100} \quad \frac{11.1}{80} \quad 4.3 \quad \frac{5.6}{70} \quad \frac{1.6}{82} \quad \frac{0.2}{100}$$

$$\frac{10.5}{100} \quad \frac{10.0}{75} \quad 3.9 \quad \frac{0.5}{70} \quad \frac{0.8}{100}$$

$$\frac{14.8}{100} \quad \frac{13.9}{75} \quad 8.4 \quad \frac{5.3}{75} \quad \frac{5.1}{100}$$

$$\frac{13.0}{100} \quad \frac{12.3}{75} \quad 8.3 \quad \frac{5.4}{75} \quad \frac{5.6}{100}$$

$$\frac{11.2}{100} \quad \frac{10.7}{75} \quad 8.1 \quad \frac{5.4}{75} \quad \frac{6.9}{100}$$

$$\frac{6.7}{100} \quad \frac{6.6}{75} \quad 7.4 \quad \frac{7.0}{75} \quad \frac{9.3}{100}$$

$$\frac{5.0}{100} \quad \frac{5.3}{75} \quad 7.3 \quad \frac{9.7}{75} \quad \frac{11.6}{100}$$

$$\frac{5.9}{100} \quad \frac{5.6}{75} \quad 7.1 \quad \frac{12.0}{75} \quad \frac{13.7}{100}$$

Sta	+	H.I.	-	Elev
		929.8 ₀		
88		.79		13.0 ₄
T.P.	3.75	927.4 ₀	6.45	923.3 ₅
B.M.			5.42	921.6 ₈ 921.63

Lt

±

Rt.

$$\frac{6.2}{100}$$

$$\frac{6.8}{75}$$

$$6.8$$

$$\frac{14.8}{75}$$

$$\frac{14.9}{100}$$

Spt in 18" Oak at Rt. 89+44

(Finish) 4:10 P.M.

