

OFFICE OF COUNTY ENGINEER  
RAMSEY COUNTY, MINN.

Plan Survey

County Road "B"

From West Co. Line To Arcade St.

Road Acc't. No. 15 59

Date Filed 1-30-43

File Bk. 90  
Dr. 16

Plan Survey

Co. Rd. 3

W. Co. Line to

Arco de St

Start 2/15/42

Finished 3/12/42

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Sta      PT.    ALT    ALT    ART

P.O.T.  $\pm$  St. Stephens St.

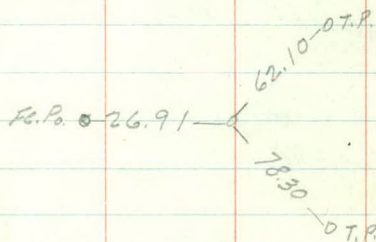
P.O.T.  $\pm$  St. Croix St.

4+50<sup>00</sup> P.O.T.

P.O.T.  $\pm$  Walnut

5+00 W. Co. Line

Description



Bolt Sp.

S.E. Cor. E. Bent

73.56

59.29 N.W. Cor  
P.P. Tower

73.29

S.E. Cor. W. Bent

Mon

Sta

Point

 $\Delta L$  $\Delta R$ 60+00<sup>00</sup> P.O.T.53+03<sup>80</sup> P.I.

0° 12' L

E Cleveland SW. Cor. Sec. 9

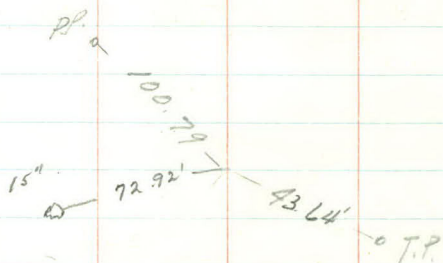
26+51<sup>71</sup> P.I.

0° 05' R

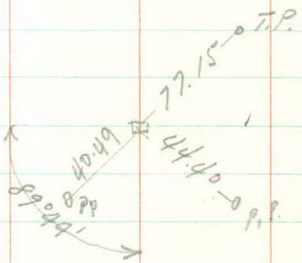
SW Cor Sec. 8



# Description

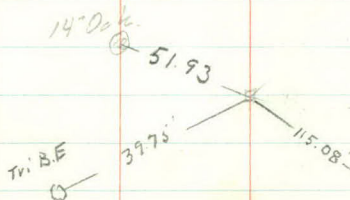


Bolt Sph



Mon.

Bolt Sph



Bolt Sph  
Mon.

N.E. Cor  
Found

Sta

Point

$\Delta L +$

$\Delta R +$

87+00<sup>00</sup> P.O.T.

79+37<sup>58</sup> P.I.

0°02'4"

E New Brighton Rd

76+00<sup>00</sup> P.O.T.

# Description

P.P. a 45.88 - a 41.20 \* Fe. Post Drill Hole  
60.47 - P.P.

12' BP  
59.97  
67.04  
12' Oak

37 Cor. Sec. 9

Mon

52.33' 12' E / m  
45.44' 10' BE  
33.20' 24' E / m

Bolt Spk

Sta Point

$\Delta L+$   $\Delta R+$

145+1520 P.O.T

132+01 <sup>76</sup> P.I

0° 22'

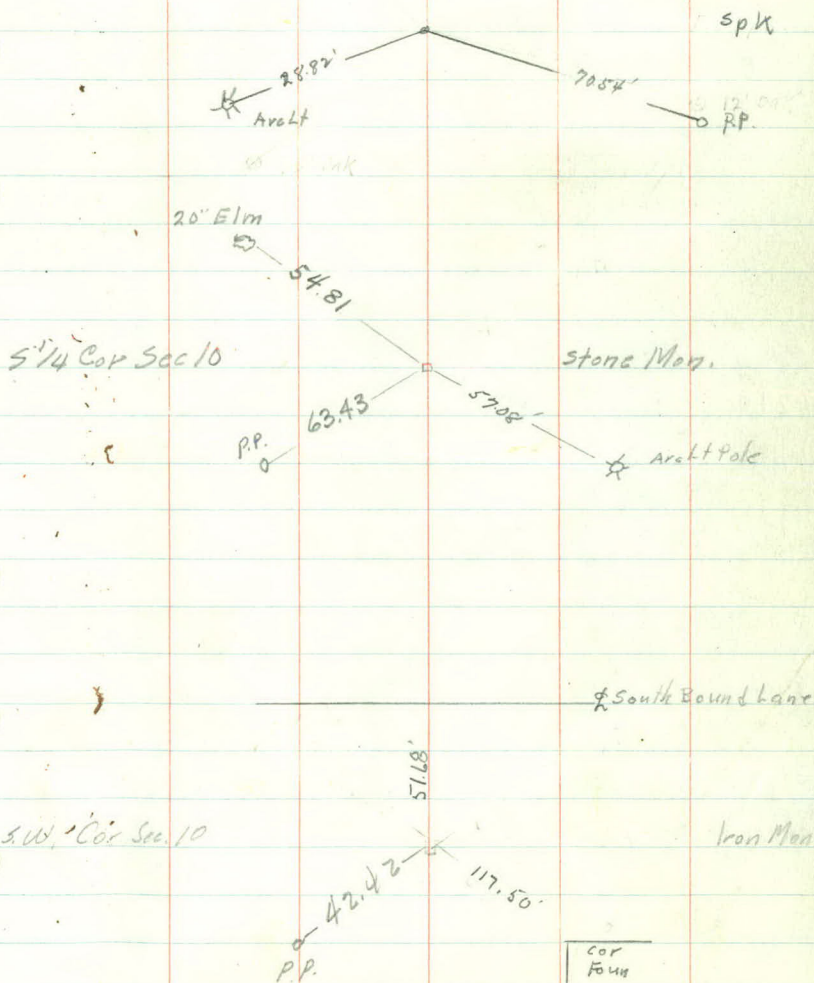
105+67 <sup>80</sup> P.I.

0° 31' Lt.

& Snelling



# Description



Sta

Point

$\Delta L+$

$\Delta R+$

184+58.88

P.I.

0°08'

E Victoria Str.

163+00

P.O.T

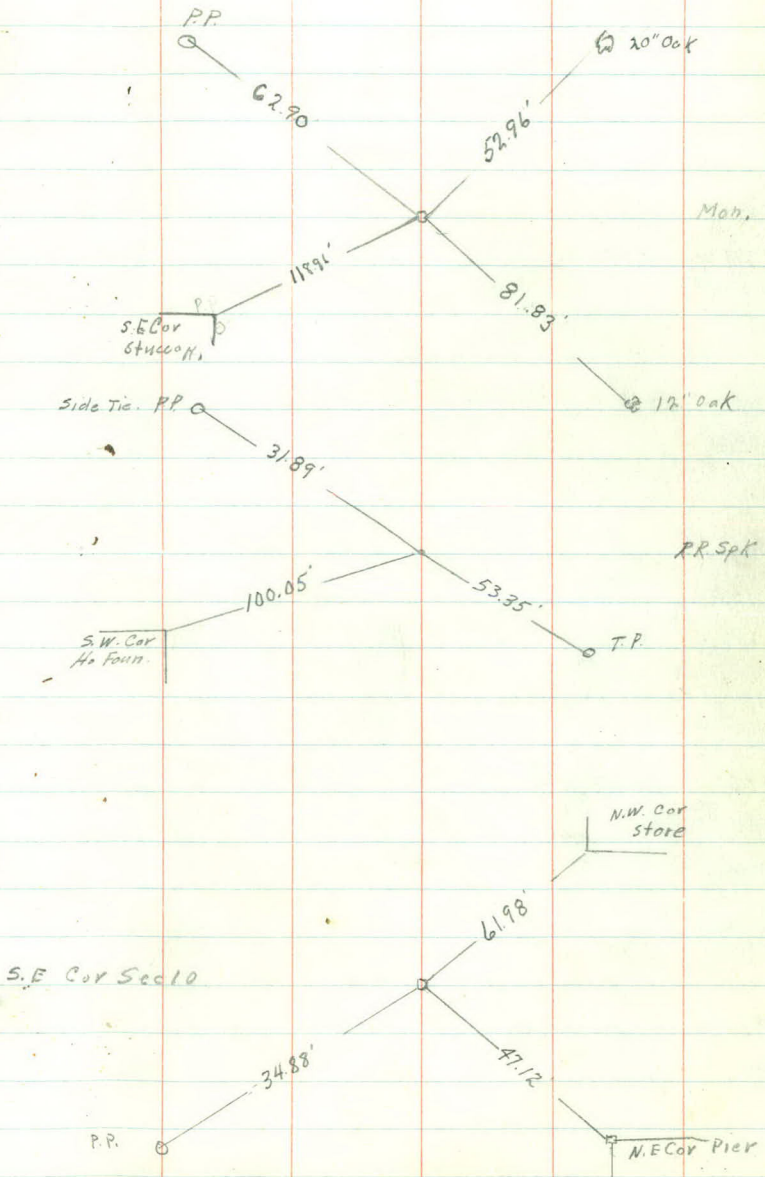
158+36.95

P.I

2°16'

E Lexington

# Description



Sta

Point

$\Delta L$

$\Delta R$

210+77.60

P.I.

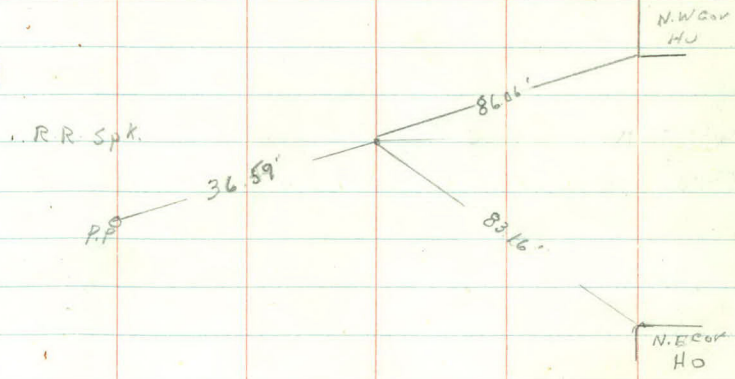
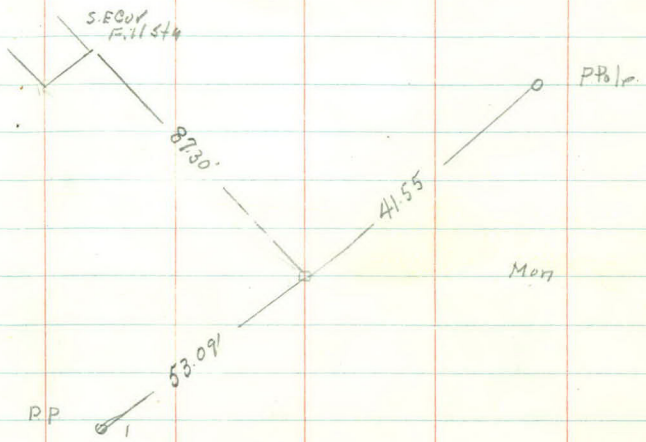
$1^{\circ}18'30''$

E Dale Str

194+00

P.O.T

Description





Sta

Point

$\Delta L+$

$\Delta R+$

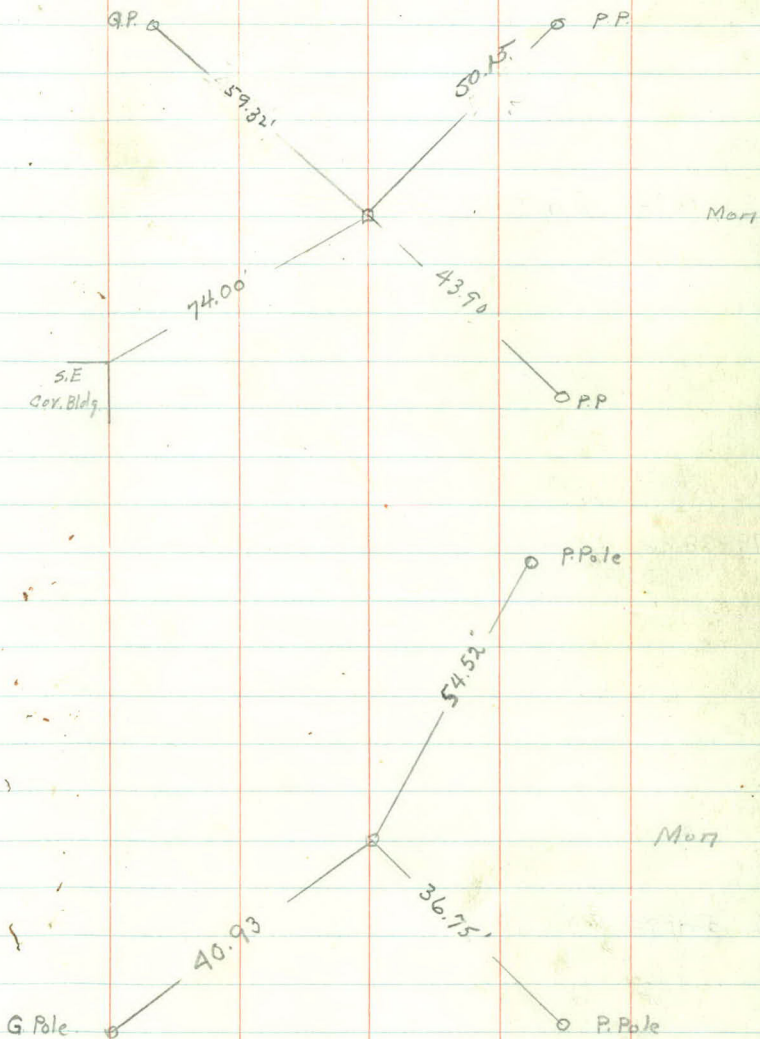
263+03.97 P.I.

1°04'  $\pm$  Rice Str.

236+90.17  $\pm$  Western Ave

0°35'

Description



Sta

Point

$\Delta L +$

$\Delta R +$

287+13.10

P.O.T

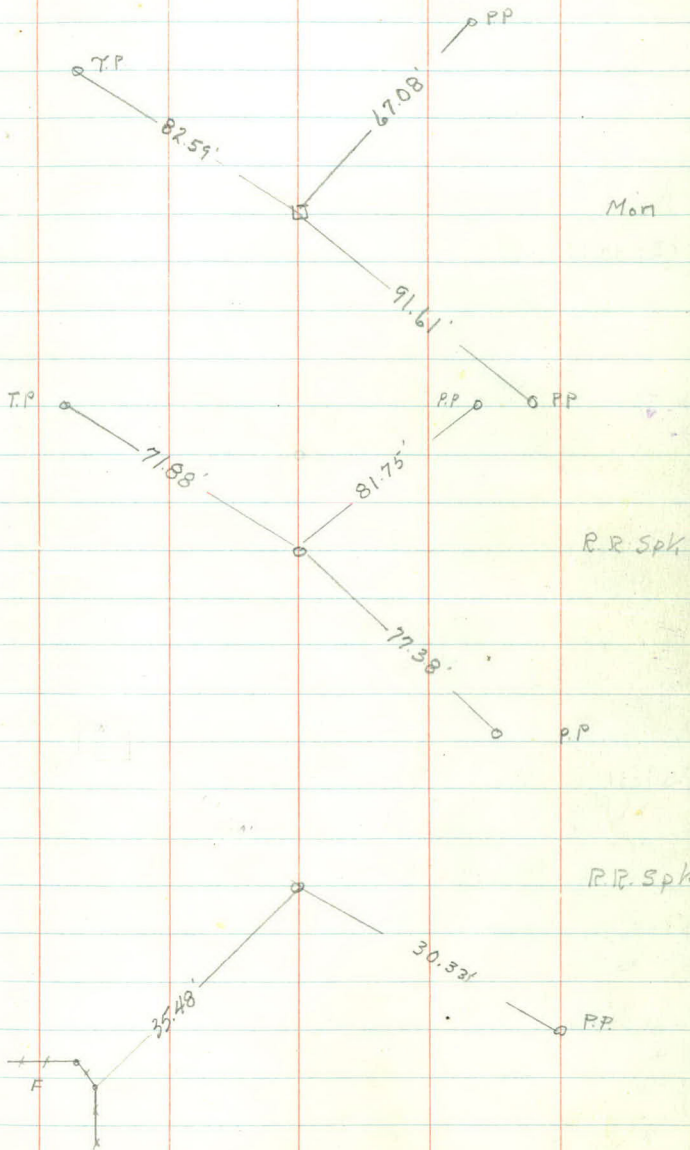
279+38.26

P.O.T.

265+10.00

P.O.T.

# Description



Sta

Point

ALT

APT

313+38.17

P.I

1° 02'

Mc Menamy Dr

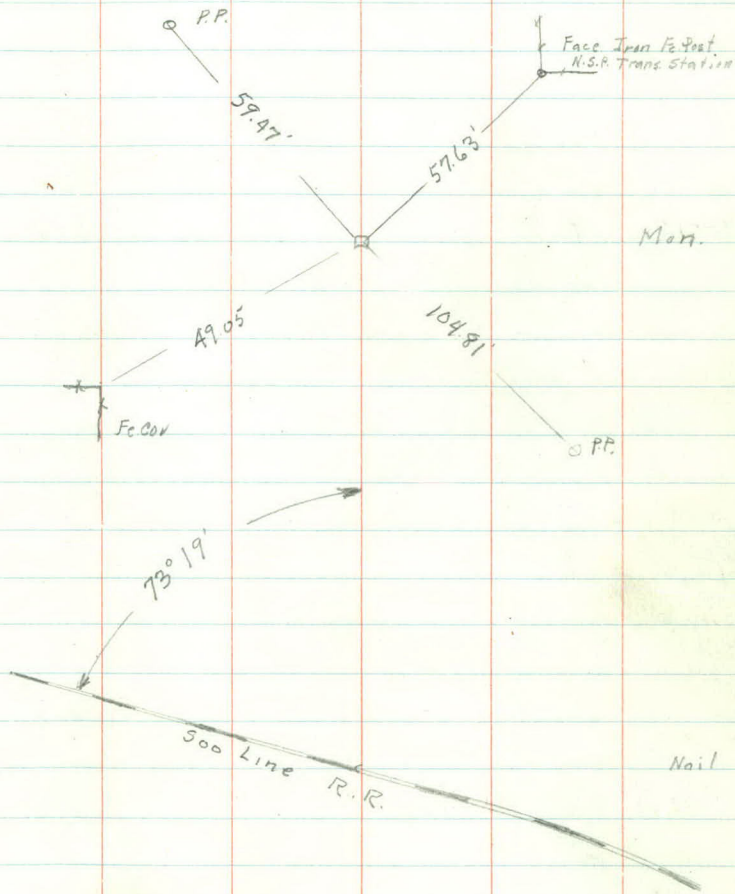
288+31.10

P.O.T

± Soo Line R.R



# Description



Sta. Point

Alt Alt

339+71.74

P.1

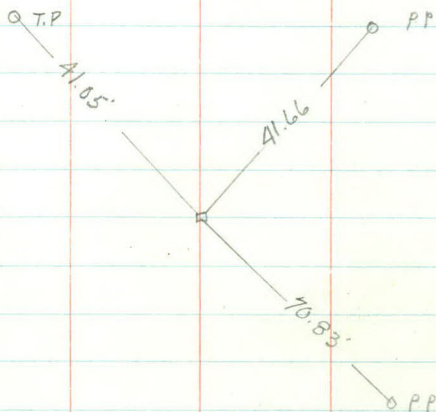
0° 22'

Edgerton Stn

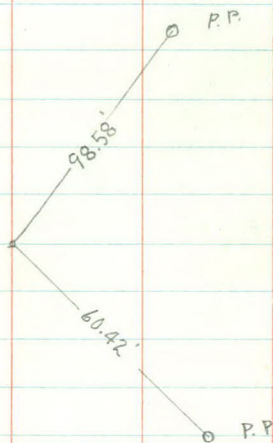
330+87.97

P.O.T

# Description



Mon



R.R Spk

Sta

Point

$\Delta L$

$\Delta R$

366+06.45

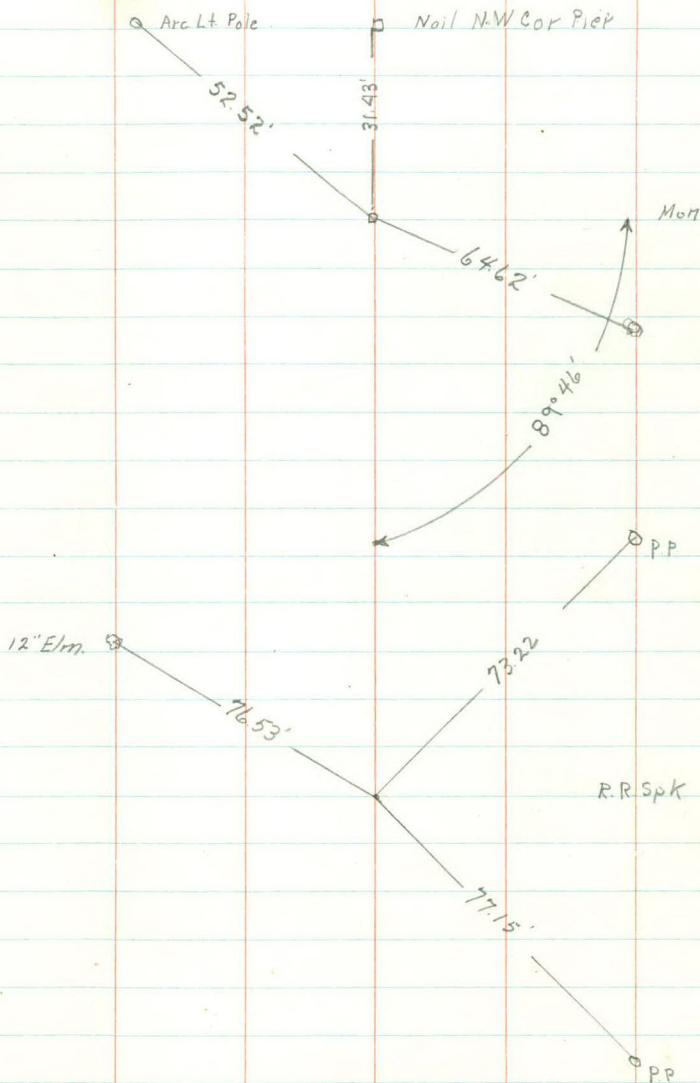
P.I.

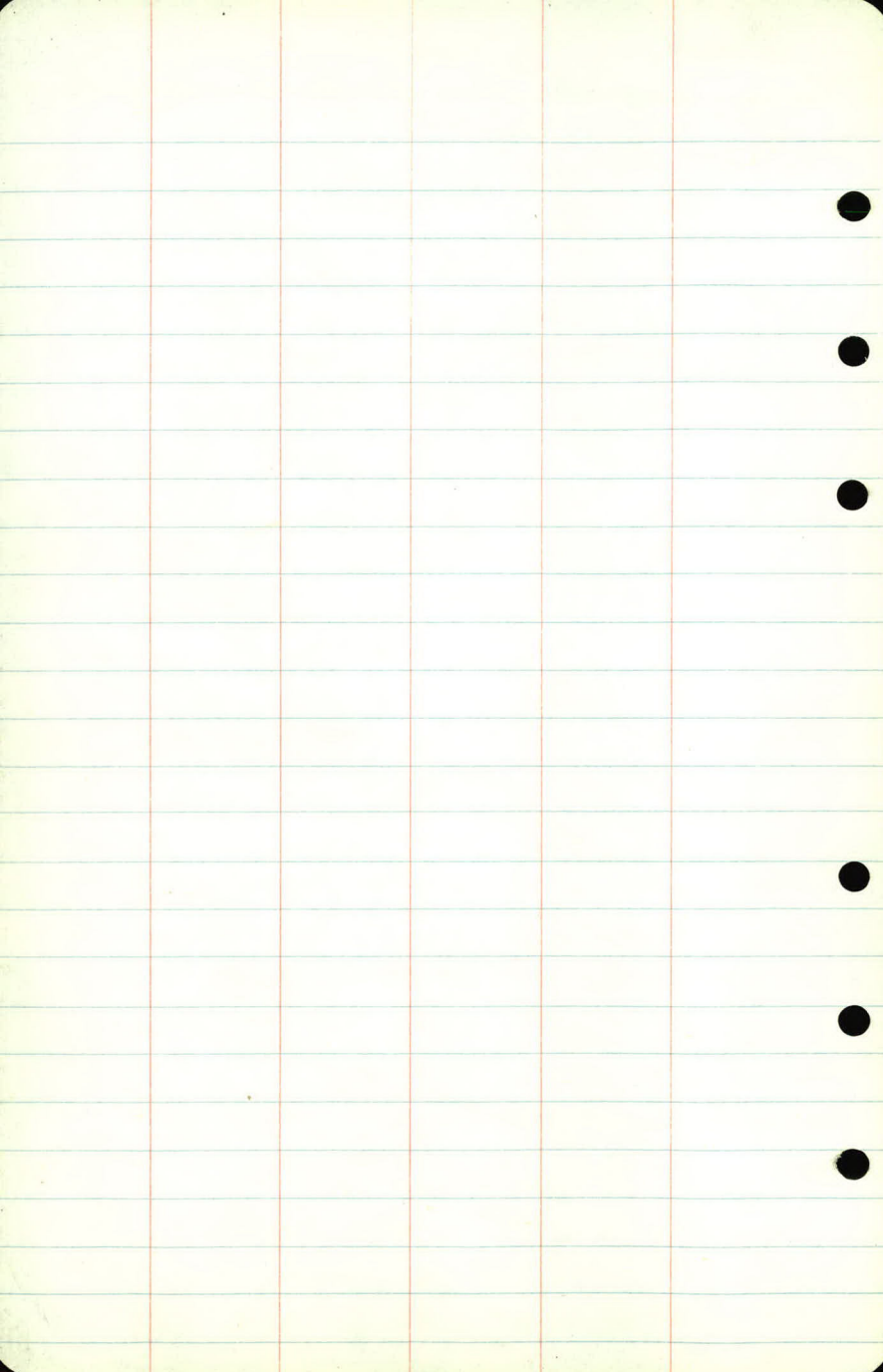
& Arcade Str

363+69.48

P.O.T.

## Description







Co. Ro. "B"

TOPOGRAPHY



Cultivated

158 T.P. 26

+78 B.E. 18

155 Pop 22

+40 T.P. 36

+ Highway 206

+15 Elm 36  
+15 End 4d

+30 B.E. 46

+51 En t.  
+37 Elm 36  
+34 Fe Cor 26

+ Highway 155

+92 Pop 16

+86 B.E. 46

Fe 26  
+76 Tree 18  
+72 " 20  
+66 " 21  
+54 " 18  
+46 " 18  
+43 " 20  
+38 " 20  
+30 " 19

Pasture

+ Highway - 125

Fe 24  
+77 Tree 19  
+74 Tree 20  
+68 Tree 20  
+61 Cor. Fe 24  
+61 Tree 20

40 Bt

S.T. 36

Cultivated

+ Highway - 106

+88 End-24' x 46' Conc 33'

+53 Cor Abut - 73

+38 Cor. Tower 42  
+18 Cor. Tower 38'

+00 R.R. Track 105

+62 Aditch 30  
+50 Ditch 50  
+41 Cor Tower 57

Conc. Bridge Over RR

+22 Cor Tower 54  
+03 Stump 50  
Ent

-75 Cor Abut 55

13

13

13

+75 Beg Frost Boil

12

12

+15 End Boil

13

+42 Beg Frost Boil

11

12

11

10

12

11

9

13

12

8

7

11

6

11

11

+55 T.P. 26  
 +50 Oak 42  
 +29 Oak 37  
 +19 Oak 36

Caul Course

+22 T.P. 27

+52 Pop 28

+98 T.P. 26

+08 Oak 31  
 +01 Oak 34

+82 End G.R. 12  
 +70 T.P. 25

+42 Rod End 11

+15 Rod 20  
 +06 Beg G.R. 54

+80 End Rod 41  
 +79 E.G.R. 57

+54 Beg Rod 14  
 +06 G.R. 12

+92 T.P. 25

+98 Fe. Cor 33

Fe 28

+70 Oak - 24

+30 Fe. Cor. - 37

+64 Rd. 17

+25 Rd 29  
 +21 End G.R. 32  
 +05 End 12.36 C.M. 37  
 +00 Shldr 40

+50 Shldr. - 75  
 +90 Rod 35  
 +28 End 12.00 C.M. 25.  
 +18 End 17.00 C.M. 30  
 +23 End Rod 58  
 +12 Beg Rod 12  
 & Conn 122

Connection to  
 33 Groves

Connection 227

Uncultivated

G.R. Post  
 Walnut  
 G.R. Post  
 Abocou



|    |                       |             |
|----|-----------------------|-------------|
| 20 |                       | 11          |
| 19 | 12                    | 12          |
|    |                       | +77 Tree 2d |
| 18 | 13                    | 12          |
| 17 | 14                    | 12          |
| 16 | 14                    | 11          |
| 15 | 14 too End Frost Boil | 13          |
| 14 | 13                    | 12          |
| 13 | 13                    | 13          |



+84 End 37  
 +70 R.P. 27  
 +69 Fe. Cor. 27 x x  
 +60 Beg Rad 18  
  
 Fe 27  
  
 +45 2 B.E. 31-50  
 +41 2 B.E. 28-38  
 +31 B.E. 30  
 Fe 27  
 +84 B.E. 31  
 +51 Maple 36  
  
 +21 Cross Fe. 27  
 +03 Oak 42 x  
 Fe. 26  
 +88 Oak 33  
 +79 Oak 31  
 +77 B.E. 22  
 +65 Ent 45  
 +42 Oak 33  
 +31 Oak 28  
 +23 Bush 28  
 +20 Tree 28  
 +17 Tree 27  
 Fe 27  
  
 +69 Twin Oak 28  
 +35 Oak 28  
 Fe 27  
  
 +15 Oak 31  
 Fe 27  
  
 +25 Fe. Cor. 28  
 +16 Ent

Cultivated

Fence

Wood Fence

Cultivated

+98 Apple 35  
 +64 Apple 30  
 +47 R.P. 38  
 +34 T.P. 24  
 +27 Maple 50  
 +23 Ent 16  
 +12 1/2 24 C.M. 16  
 +15 End Hedge 29  
 +00 Stump 38  
 +71 Tree 28  
 +67 Stump 43  
 +55 Stump 40  
 +52 Beg Hedge 27  
 +48 Oak 47  
 +46 2 B.E. 28 43  
 +33 Ent 21  
 9" 18" V.I.  
  
 +90 Stump 35  
 +84 T.P. 25  
 +76 B.E. 31  
 +61 B.E. 31  
 +51 B.E. 32  
  
 +22 B.E. 33  
 +13 B.E. 30  
  
 +45 H Pole 21-27  
  
 +67 End Hedge 28  
 +25 End Tee 34-  
 +07 T.P. 24  
 +00 Beg Tee 34-50  
 +60 Beg Lilac Hedge 30  
  
 +16 Twin Elm 31  
  
 +76 T.P. 25  
  
 +22 Oak 35

yard

Golf Course

TEE

27 10 11  
+ 94 M.p/c 32

26 11 12

25 10 13

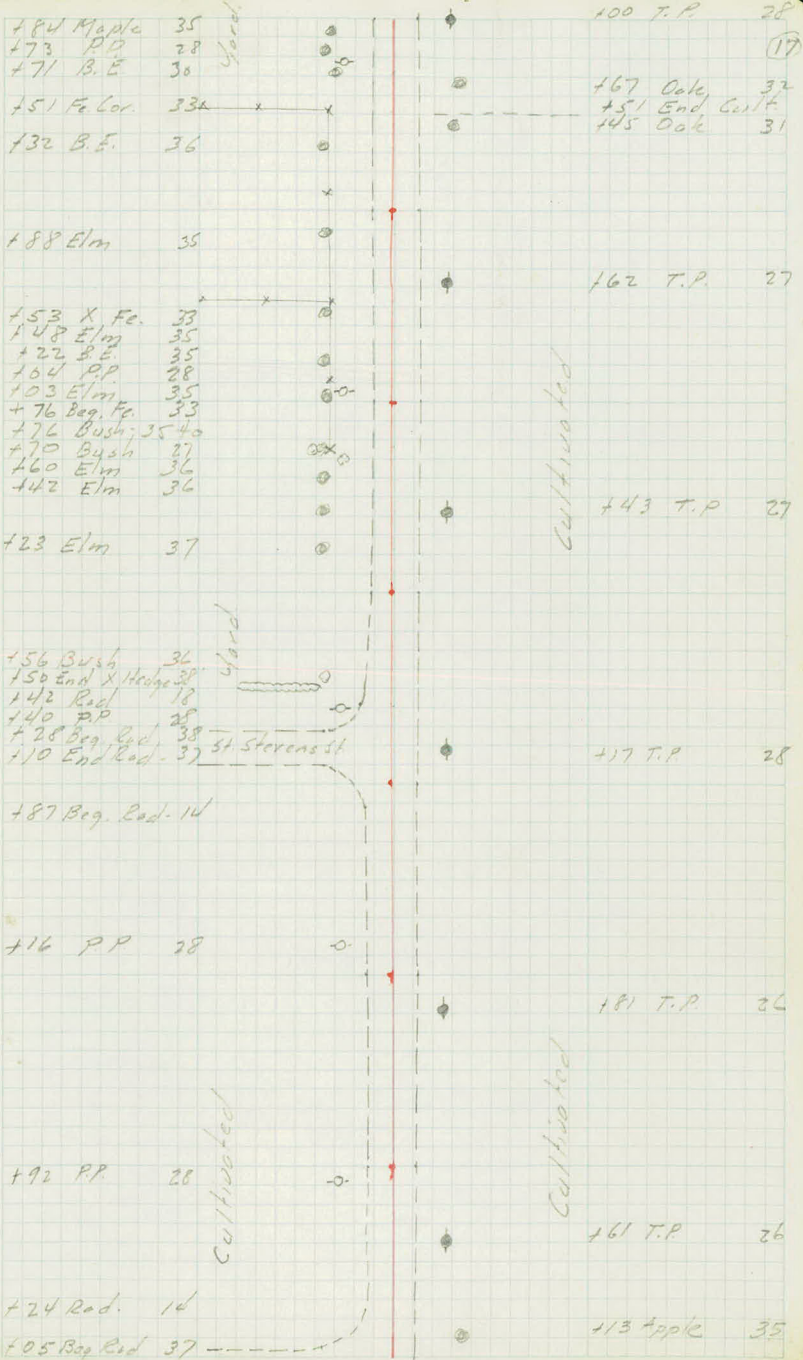
24 12 12

23 11

22 14 12

21 13 11

20 11



34 12 11

33 12 11

32 12 11

31 12 12

30 11 11

195 RR 28  
187 Bushy 28-37  
184 Cedar 32  
182 Bush 27

29 10 13

25' 186-18"x 54' Conc. 29'

28 9 12

27 10 11



+36 Oak 36  
 +24 Oak 36  
 +19 P.P. 28  
 +13 Swamp 45  
 +89 Swamp 34  
 +83 Swamp 34  
 +75 Swamp 25-125  
 +73 Swamp 33

+30 Swamp 28

Swamp 28-100

+58 P.P. 28  
 +50 Swamp 28-90

+25 Swamp 28-50

+85 Tree 22

+64 Ent

+76 Cedar 36  
 +72 Cedar 40  
 +67 Ent  
 +62 E. Ent 27  
 +43 E. Ent 43  
 +32 B.E. 35  
 +30 B.E. 32  
 +15 Ent 58  
 +14 B.E. 47

+86 End 6" Vit. 27

+37 Maple 28  
 +31 P.P. 28  
 +25 End 6" Vit 191

+00 Ent  
 15" x 26 cm 20

+76 Oak 34

+55 T.P. 20

+30 T.P. 28

+35 Pot Hole 22

+08 Water Hole 22.5

+99 T.P. 28

+80 Group 4 P.P. 40

+17 Pot Hole 22

+64 Oak 37

+51 Oak 37

+38 Oak 43

+77 B.E. 30

+70 T.P. 28

+53 Pot Hole 35

+37 End 6" Vit 82

+43 Will 23

+10 Will 24

Pot Hole 30-80

+98 Will 38

+65 Pot Hole 30

+19 T.P. 28

+13 Oak 34

Uncult

Swamp

Yard

Yard

Water Hole

Pot Hole (wood)

Golf Course

41 12  
 +93 Stump 28  
 +82 Fe. Cor. } 33  
 + Lot Iron

12

40 15

12

+88 Oak 35  
 +83 Oak 37  
 +77 Lot Iron 33

39 12  
 +400 Oak 38  
 +98 Oak 37  
 +88 Ent  
 +73 Lot Iron 33  
 +75 Stump 33  
 +71 Oak 35

+30 End Frost Boil

38 14

13

+40 Frost Boil

37 13

11

36 12

11

35 11

11

34 12

11



+77 Lot 100 33  
 +72 Oak 43  
 +63 Oak 33  
 +45 Tree 40  
 +41 Cor. Ho 74  
 +33 Ent 15.F.  
 +19 Tree 38  
 +15 Tree 40  
 +104 Tree 37  
 +102 Tree 41  
 +76 Oak 42  
 +71 Oak 40  
 +70 Stump 34  
 +67 P.P. 28  
 +54 Oak 34  
 +52 Oak 37  
 +20 Stump 37  
 +105 Stump 37  
 +104 Cor. Ho 73  
 +102 Stump 34  
 +67 Oak 46  
 +64 Oak 35  
 +60 Oak 29  
 +56 Oak 30-36  
 +45 Oak 37  
 +40 Oak 33  
 +39 Oak 36  
 +35 Oak 36

104 P.P. 28  
 +77 Twin O. 38  
 +62 Oak 37  
 +55 Oak 36  
 +49 Oak 40  
 +37 Stump 33  
 +34 Stump 36  
 +22 Oak 34  
 +12 Twin Oak 36

+75 Oak 33  
 +44 P.P. 28  
 +35 Oak 33  
 +32 Oak 33  
 +29 Oak 33

+26 Twin Oak 33

+80 P.P. 28

+30 Field Ent.

Unsubdivided

Golf Course

+102 T.P. 25

+74 T.P. 25

+51 T.P. 26

+34 Oak 31  
+23 Oak 34

+119 T.P. 27

+90 T.P. 28

|          |                         |       |
|----------|-------------------------|-------|
| 48       | 16                      | 10    |
| 47       | 13                      | 11    |
| 46       | 13                      | 11    |
| 45       | 11                      | 12    |
| 44       | 11                      | 12    |
| 43       | 11                      | 11    |
| 31<br>42 | 11 + 0.6 15" x 58" C.M. | 11 27 |
| 41       | 12                      | 12    |

+80 P.P. 28  
 +72 Oak 39  
 +40 Stump 48  
 +35 Oak 45  
 +10 Oak 41  
 Fe 33  
 +91 Oak 40  
 +82 Oak 40  
 +78 Stump 28

+40 Oak 49

+17 P.P. 28  
 Fe. 33

+15 Oak 46  
 +09 Oak 37  
 Fe. 33

+91 Oak 21  
 +86 Stump 26  
 +69 Oak 37  
 +55 P.P. 28  
 +50 Tying Oak 37  
 +35 Oak 48  
 +17 Oak 35  
 +01 Stump 27  
 Fe. 33

+85 Oak 39

+55 Oak 44  
 +39 Oak 47  
 +23 Oak 47  
 +15 Oak 47  
 +14 Stump 38  
 Fe. 33  
 +92 P.P. 28

+61 Stump 37

+49 Oak 35  
 +20 Rge To Ditch 35  
 +06 A Ditch 35  
 Fe. 33  
 +85 Stump 36  
 +80 Stump 37

+54 Oak 46

+30 P.P. 28

Wooded - 100000

Gravel Course

+70 T.P. 22

+33 End 4" V.I. 21  
 +24 T.P. 22

+97 T.P. 24

+42 End-4" V.I. 37

+67 T.P. 24

+34 T.P. 24

Ditch

55 31 11 100.24 x 62.6 M 12 31

54 11 11

53

52 12 12

51 13 12

194 Stump 30  
170 Stump 38  
176 Oak 30

50 13 11

49 14 11

48 16 10



+90 Aitch - 62

+73 Stump 22

+34 P.P. 28

+24 Stump 24

+12 Stump 28

+05 Oak 40

+72 End Rod 11

+20 Beg. Rod. 65

+91 End Rod 48

+75 P.P. 29

+70 Fe. Cor. 45

+70 Lat Iron 33

+56 A.P. 33

+60 Beg. Rod 16

+19 Willow 40

Fe. 33

+95 Oak 48

+75 Oak 48

+70 Oak 48

+63 Oak 44

+17 Oak 36

+12 Stump 32

+10 P.P. 38

+05 Stump 30

Fe. 33

+69 Oak 42

+63 Stump 26

+58 Stump 45

+50 Stump 45

+45 Stump 26

+35 Oak 34

+17 Stump 25

+09 Oak 38

+05 Oak 34

Fe. 33

+86 Oak 43

+58 Oak 48

+50 Stump 33

+43 Oak 42

+42 P.P. 28

+25 Stump 49

+05 Oak 35

Fe. 33

+82 Oak 35

+59 Oak 49

+31 Oak 42

+23 Oak 40

Fe. 33

193 T.P. 24

+93 Rgc Tie Ditch

178 T.P. 24

172 End Rod 13

+20 Beg. Rod. 65

+91 End Rod 48

177 P.P. 35

+55 Beg. Rod 13

+46 T.P. 28

+65 P.P. 36

+60 T.P. 22

+54 P.P. 37

+39 T.P. 22

+28 T.P. 21

+04 T.P. 22

|    |    |    |
|----|----|----|
| 62 | 11 | 11 |
| 61 | 11 | 12 |
| 60 | 11 | 11 |
| 59 | 12 | 12 |
| 58 | 10 | 11 |
| 57 | 11 | 12 |
| 56 | 12 | 10 |
| 55 | 11 | 12 |



+96 Oak 32

+71 End Hedge 33

+18 Oak 32

+97 P.P. 28

+87 Oak 40

+42 Oak 37

+02 Cedar 42

+93 Hedge 52.36

+52 Ent.

+71 End Hedge 53

+56 A Hedge 33

+49 Cedar 40

+38 Bag. Hedge 33

+27 P.P. 28

+60 Stump 48

+40 P.P. 28

+31 Oak 45

+93 Ent.

12' x 32' C.M. 22'

+58 P.P. 29

+01 P.P. 28

+98 Stump 28

+23 Rye The Ditch

Yard

|               |    |
|---------------|----|
| +55 P.P.      | 43 |
| +31 3 Pops    | 36 |
| +25 Bag. yard |    |
| +20 T.P.      | 32 |

+71 T.P. 31

+42 T.P. 30

+64 G.P. 21

+24 T.P. 28

+08 T.P. 26

Yard

Uncultivated

Uncultivated

69

15

13

68 +97 Egg Tie Fe 14  
+94 X Fe. 29

+92 18" x 50" C.M. 13

67 14 12

+70 Frost Bail.

66 12 10

65 13 10

64 12 12

63 12 11

62 11 11

Fe 26

Fe 26  
+80 Swamp 26-40  
+73 T.P. 24  
(23)

+92 Rgs Tie Ditch  
+84 End 18" C.M. 22

Fe 26  
+99 End 18" C.M. 24

145 T.P. 23

Fe 26

Fe 25

Fe 26

+20 Fe Cor. 26  
+15 T.P. 23

Fe 26

+56 Fe. Cor. 26

+55 End Yard.  
+52 Pop 36  
+49 T.P. 34  
+45 Trce 35  
+11 Ent  
15" x 30" C.M. 20

+57 Oak 27  
+49 Oak 40  
+42 Oak 35-41  
+38 Oak 27  
+35 Oak 27  
+08 Oak 46  
+92 Oak 39

+66 PP 28  
+54 Ent  
15" x 30" C.M. 19

+90 T.P. 32

+75 Ent  
12" x 32" C.M. 21

+97 Pop 49

Uncultivated

Cultivated

Uncultivated

Uncultivated

Yards

76 12 12

75 12 12

74 12 12

73 12 12

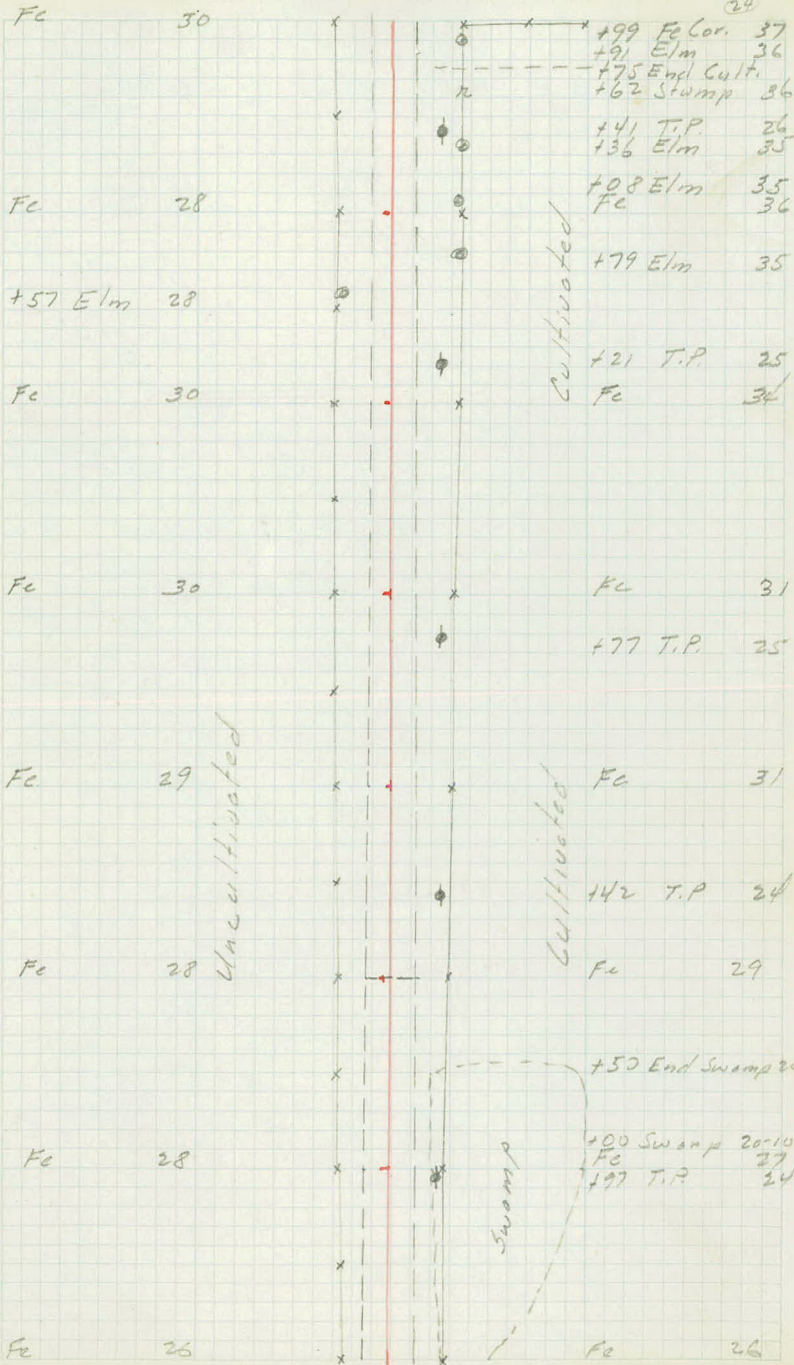
72 12 12

71 13 100 End Frost Boil 12

70 14 13

69 15 13







83

82

81

80

79

+ 87 Beg. 20' Good Pave

78

12

13

77

12

13

76

12

12

+25 12" x 4' C.M. 15  
(8' 5" 11)  
+12 P.P. 28

Fe 39  
+95 Fir 32  
+81 18" B.E. 36

+49 T.P. 28  
+29 End 12" x 8' C.M. 15  
(8' 5" 11)  
Fe 39

+13 End Rad 10

+80 Pop. 39  
+79 P.P. 29

+82 T.P. 27  
+82 End Rad 10  
+80 Fe Cor 38

145 Beg Rad 75

+25 End Rad 5 New Brighton Road

+52 Beg Rad 38

+100 Fe Cor. 30

+23 End Rad 39

+79 Oak 44  
+80 Beg Rad 41  
+58 Oak 43  
+44 Oak 43

+93 Fe Cor. 38  
+80 Beg Rad 11

+35 T.P. 27

+14 Pop 18  
Fe 38

Fe 29  
+90 Oak 44  
+78 Oak 38  
+72 Stump 29  
+60 Rgc To Fe

+50 Fe Cor 38  
+40 Ent  
15" x 20" C.M. 22

+46 X Fe. 29  
+41 Oak 50  
+21 P.P. 26

+16 P.P. 40

+94 Elm 33

+69 Elm 35  
+62 T.P. 26

+41 Elm 34

+20 2 Stump 46-50

+00 Stump 43

Fe 28

Fe 30

Hard

90

89

88

87

86

85

84

83

196 P.P. 33

+78 M. Ash. 37

+65 Ent.

+47 E/m 38

+30 L. loc. 40

Fe 43  
(26)

+70 T.P. 29

Fe 42

+18. 12"x4" C.M.-15  
(P. Spill)

+18. 12"x4" C.M.-14  
(8" Spill) 28  
Fe 41

139 P.P. 27

Fe 41

+47 T.P. 28

Fe 41

Fe 41

+87 T.P. 28

+75 P.P. 27

Fe 40

+19 T.P. 28  
Fe 40

Unexcavated

Unexcavated



97

96

95

94

93

92

91

90



Fe 33

Sup 22-250

27

+66 P.P. 32  
Fe 33

+10 Beg Sup 27.60  
+02 T.P. 29  
+93 Field Ent  
+15 "x20" C.H. 22  
+81 Fe Cor 34

+00 End Sup 22-300  
Fe 33  
+93 Will 45  
+77 Will 35  
+66 Will 31  
+54 P.P. 31  
+39 Will 31

Fe 34  
+85 "H" T.P. 26-32

Fe 33  
+00 Swamp 22-225

Fe 37

+27 Beg Sup 33-125  
+01 P.P. 38  
Fe 33  
+98 12" Oak 22

+53 T.P. 29

Fe 37

+56 Fe Cor 33

+30 T.P. 28

Fe 43

+50 P.P. 32

Fe 45  
+98 T.P. 28

Fe 43

A. F. A. F.

104

103

102

101

100

99

98

97

+90 P.P. 32

+77 15' x 15' CM 27

+46 Ash 38

+02 2 Elms 36 46

+92 Ent.

+82 15' Elm 38

151 P.P. 33

+34 Ent.

+25 Ent 15' x 15' CM 27

+68 Bay 46

+45 P.P. 32

+98 Hopbush 15

+94 Ent 18' x 22' CM 27

+92 Fe. Cor. 33

+67 Ent.

+42 P.P. 31/1

+31 Ash 2/1

+29 Cor. 4' x 5' W 34

+05 Ash 42

Fe. 33

+77 Ash 41

+22 Ash 41

+13 P.P. 32

+12 Fe. Cor. 33

+04 Ent.

+96 Ent. Wood Fe 33

+88 X Hedge 33

+66 Ent. 15' x 22' CM 27

+02 W. H. 40

Fe. 33

+78 Bay. Wood Fe 33

+59 P.P. 31

+58 12' x 16' CM 14

(8' spill)

Fe. 33

187 T.P. 26

195 Bay. Hedge 30

+78 Fe. Cor. 29

+65 B.E. 40

+55 T.P. 25

+87 Bay. Fe. 30

+62 Ent.

15' x 20' CM 25

+25 T.P. 26

+13 Spruce 42

+10 2 Spruce 39 45

100 Ent. Wood

+95 B.E. 23

+54 Ent.

18' x 26' CM 22

188 T.P. 27

+81 Ent.

18' x 26' CM 21

+71 Ent. Hedge 34

+17 12' x 16' CM 15

(8' spill)

+16 Cor. Hedge 34

+12 Swamp 36

+10 X Fe. 32

+86 10' Oak 37

+56 T.P. 27

+26 10' Oak 37

+90 Ent. Snp 16-130

+32 T.P. 28

Snp 22-250

111

12' 10'

110

11'

10'

109

12'

10'

108

12'

9'

23'

177 12" X 44' V.t.  
X Drain

21'

107

13'

10'

106

105

104



Fc 32 sta

+97 15" Oak 38'

+60 12" Oak 38'

+44 Fc Cor 33'

+35 Rgs Tie x Fc

+19 18" Oak 39'

Fc 32

+29 Sta. 24'

+24 15" Oak 32'

Fc 33'

+96 15" Oak 37'

+90 Sta. 26'

+65 12" Oak 35'

Fc 34'

+98 End Pot Hole 75'

+95 Pot Hole 50'-100'

+65 Pot Hole 75'

Fc 32'

+57 12" Oak 26'

+30 Ent

+07 End Rad 12'

+02 Fc Cor 32'

+97 P.P. 24'

+94 16" Oak 40'

+78 Beg Rad 56'

+57 End Rad 43'

+56 T.S.T. M.H. 14'

+39 P.P. 32'

+38 Rad 18'

+19 End 15" Cons 22'

+14 Beg Rad

SNELLING

AVE

+90 10" Pop 28'

+42 10" Will 42'

+30 End Pot hole 25'

+30 Brush 19'

+90 Pot Hole 24'-100'

+75 G Pole 25'

+75 Fc Cor 22'

+44 Fc Cor 48'

+44 Cor Bldg 48'

+15 Cor Bldg 79'

+12 End Rad 11'

+87 P.P. 38'

+78 Beg Rad 54'

+57 End Rad 68'

+38 Drop/Incr 34'

+30 Rad 25'

+17 M.H. 26'

+02 T.P. 27'

+86 Beg Rad.

+39 2 Pops 33 43

+29 End Hole 35

+17 End 16" x CM. 17

Uncultivated

Cultivated

Pit Hole

S. Hill 23  
42

15 CM.

10 CM.

10 CM.

10 CM.

10 CM.

10 CM.

10 CM.

10 CM.

10 CM.

10 CM.



118

11' 10'

117

11'

10"

116

11

10

115

10'

11'

114

10'

11

113

11'

10'

112

11'

11'

111

12'

10

Fe 31

30

Fe. 31'

Fe 31'

+10 8" Tree 26' S.W.  
Fe 31

+67 Fe Cor 32

Fe 32'

Fe 32'

+25 Ent

Fe 32

+66 15" Oak 38'

Fe 32

Uncultivated

Uncultivated

Cultivated

125

11' 11'

124

11' 10'

123

11' 10'

122

11' 10'

121

11' 11'

120

11' 10'

119

11' 10'

118

11' 10'

Fc 34'

31

Fc 34'

Fc 34'

Fc 34'

Fc 34'

Uncultivated

Cultivated

+33 Ent

Fc 34'

Fc 34

+87 12" Oak A7'

Fo.31

132

131  
+99 8" Pop 28'  
+96 10" Pop 36'  
+94" Sta. 33

11'

11

130

10'

11'

129

10'

11'

128

10'

11'

127

11'

11'

126

11'

11'

125

11'

11'



- +88 End Rad 42' — — — — —  
 +75 RP 57' — — — — —  
 +75 End Yd — — — — —  
 +58 Beg Rad 12 — — — — —  
 +11 6" Pop 31' — — — — —  
 +08 6" Pop 31' — — — — —  
 +92 End Hedge 33' — — — — —  
 +78 3-10" Pop 35' — — — — —  
 +71 6" B.E 35' — — — — —  
 +43 12" B.E 38' — — — — —  
 +30 15" B.E 38' — — — — —  
 +15 10" B.E 50' — — — — —  
 +05 Beg Hedge 37' — — — — —  
 +97 18" B.E 40' — — — — —  
 +90 Beg Yard — — — — —  
 +82 End — — — — —  
 +57 10" Apple 41' — — — — —  
 +40 End Berry Patch 26' — — — — —  
 +23 Beg " " 26' — — — — —  
 +23 End Cult. — — — — —

- +89 End Rad 39'  
 +75 Arc. Light P. 50'  
 +61 Beg Rad 11'

Hamlin

Cultivated

Cultivated

- +47 Beg Cult.  
 +41 Fc Cor 34'

Fc 34

139

Rd 11' 11'

138

10' 12'

137

10' 12'

136

10' 12'

135

10' 12'

134

12' 11'

133

13 10'

132

+00 End Rad 11'

+47 Beg Rad 50' Dallwood Ave.

+49 End Rad 46'

+18 Beg Rad 11'

+35 Woods 100'

+20 End Woods 28'

Woods 28'

Woods 27'

+65 8" Tri. Oak 20'

+65 Woods 31'

+23 Beg Woods 38'

+23 End Swp 27-75'

Swp 27-100'



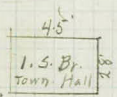
+00 Beg Swp 26.-150'

+93 12" C. H. 33'

+70 End Drive

+10 Wide Drive

+97 S.W. Cor Bldg. 57'



Parking  
Yard

+59 18" Ash 35'

+45 End Rad 16'

+46 20" Elm 39'

+15 Beg Rad 58'

Uncultivated.

Woods. Oaks + Brush



+84 Stu 36'  
+65 12" Oak 40'

+58 Fe Cor 35'

+13 T.P. 27'  
Fe. 28'

Fe 27'

+90 T.P. 27'

Fe 27

+81 T.P. 26'

+75 End Scattered  
Stm

Fe 25'

+78 T.P. 25'

Fe 25'

+53 Fe. Cor 25'  
+53 T.P. 24'

+92 Ent. Filling St.

+54 End Rad 10'

+44 T.P. 25'

+12 Beg Rad 50'

146

Rd Rd  
112' 10'

+70 End Rad 10  
+70 Swp 26-155"

145

11 11'

+20 24" x 42 Conc Pipe 67

+08 G Ra. 150'

144

11' 11'

143

11' 11'

142

11' 11'

141

11 11'

140

11' 11'

139

11' 11'



SWp. 25-100 34'  
 +54 End G. Rail 118'  
 +40 Beg Swp. 50-170'  
 +35 G. Rail 6'  
 +32 Beg Rad 60'

+10 End Rad 50'  
 G. Rail 37'  
 Swp 46'  
 +97 X Row Mill. 45'  
 +70 Swp 28'-150'  
 +70 Beg Rad 12'  
 +70 G. Rail 13'

+02 Beg G. Rail 112'  
 Swp. 27' 68'  
 +87 Beg Swp. 27'-60'

+00 Beg Yard  
 +98 Ent.

+83 10" Oak 4d  
 +76 10" Oak 44'  
 +71 Stn 41'  
 +69 Stn 52'  
 +67 Stn 50'  
 +48 Oak 50'

+47 4" Tree 41'  
 +42 End Yard

+65 Ent

+28 TP 28'

+27 Ent  
 +05 P.P. 26'

+44 Stn 38'

+21 15" Oak 31'

+65 15" Oak 29'

+88 Stn 30'

+56 Oak 28'

+21 Oak 27'

+86 15" Oak 28'  
 +77 12" Oak 27'

+38 Stn 28  
 +11 Stn 29'

Fernwood.

Post only

SWp

Yard

Cultivated

Uncultivated  
 Scattered Trees

Yard.



153

Rd  
12Rd  
11

152

12

11

24'

+67 X Drain 24' X 42' CM 18'

151

12'

10'

150

12'

10'

149

12'

9'

148

12'

9'

147

11'

10'

146

12'

10'

Fe 33'

School Playgrounds  
5' Woven Wire

+13 T.P. 23'

Fe 33

+77 Fe Cor 33'

+46 P.P. 23'

+76 4" Elm 34'  
+70 End Pothole 27.200

Pothole 25

+40 Pothole 36'

+02 4" Elm 34'  
Pothole 50'

+63 P.P. 24'

Pothole 200'

+70 4" Elm 34'

+28 4" Elm 34'

+82 P.P. 25'

+44 Ent 12" x 20' CM 26'

+29 8" Pop 51'

+21 4" Pine 51'

+21 8" Pop 44'

+14 24" Catl. 27'

Uncultivated  
platted in lots

Cultivated

← 18m ... +09 Offtake Ditch 27'

+83 T.P. 23'

+50 T.P. 24'

+20 T.P. 25'

+07 G.P. 25'

+96 T.P. 23'

|                   |                     |          |                                                                   |
|-------------------|---------------------|----------|-------------------------------------------------------------------|
| 160               | Rd<br>10            | Rd<br>12 |                                                                   |
| 159               | 12'                 | 9'       |                                                                   |
| + 84 6" Cedar 30' |                     |          | +83 N.W. Cor Bldg. 41                                             |
| + 72 6" Cedar 39' | +37 ± 27' Conc Pavc |          |                                                                   |
| 158               |                     |          | +90 Beg Rad 13'                                                   |
|                   |                     |          | +31 12" x 16 Conc Pipe<br>21' Rubble Ends                         |
| 157               | 12'                 | 11'      |                                                                   |
|                   |                     |          | +90 Curb 45'<br>Side Drain Rubble<br>Wings                        |
| 156               | 12                  | 12'      |                                                                   |
|                   |                     |          | +99 Curb 45'<br>+98 Beg Rubble Wall 33'<br>1.5 x 2'<br>+97 End Fc |
| 155               | 13                  | 11'      |                                                                   |
| 154               | 12'                 | 12'      |                                                                   |
| 153               | 12                  | 12'      |                                                                   |

Fe 27'

31

+93 T.P 23'

+75 End Parking Area

Parking Lot.

+10 P.P. 22'

Fe 26'

+88 End Rad 8'

+68 Fe Cor 25'

+51 Beg Rad 37'

Flower Garden

Fill Sta 24

+77 End Rad 7'

+55 Tel. M.H. 21'

+51 Beg Rad 33'

+24 End Rad 54'

+24 End Rad 29'

+09 P.P. 22'

+00 Beg Rad 10'

+09 P.P. 55'

+04 Cor Wall

+43 S.W. Cor Fill. Sta 59

store 21' 47'

Wall 33'

+67 24" Oak 36'

+40 T.P. 24'

+39 10" Elm 36'

+35 Beg Wall

+31 R 8' Conc Wall 33'

+27 End Wall 33'

Wall 33'

+85 End 6" Tile Drain 44'

+73 End 6" Tile Drain 23'

+54 Beg Wall

+45 12" x 24" Conc Pipe 22'

+34 Curb 45'

+34 End Wall 33'

+00 End Tile Drain 44'

+96 T.P. 23'

+90 End 6" Tile Drain

+59 ± Rubble Spillway 22.5' - 45'

Conc. Curb

5'R

5'R

5'R

5'R

Conc. Curb

5' 8'

+27 T.P. 23'

Fe 33'

+61 T.P. 23'

+07 & Rubble Spillway 22.5' - 45'

Fe 33'

+44 T.P. 23'

Fe 33'

Uncultivated Planted Lots

Playgrounds

167

Rd Rd  
11 11

166

12' 9'

165

11' 9'

164

13' 10'

163

12' 10'

162

12' 10'

+90 1' Conc Drive 28

+84 1' Conc. " 28'

161

11 11

160

10 12'



+85 P.P. 26'  
+78 12" W. 1/38'  
+61 W. 1/38'

+42 T.P. 28'

+84 P.P. 27'  
+58 Scrub oak 22'

Platted

+12 T.P. 28'

+31 Ent.

+75 4" Elm 50'

+55 4" Elm 50'

+37 Ent.

+18 P.P. 27'

+30 G.P. 20'

+85 T.P. 28'

+16 P.P. 28'  
+08 Ent  
+97 1" Ash 39'  
+58 1" Ash 38'  
+47 Ent

Yards

+54 T.P. 28'

Cultivated

+24 1" Ash 38'  
+18 T.P. 28'  
+07 1" Ash 38'  
+87 Ent.  
+80 End Fc. 28'

+36 Ent  
+16 P.P. 26'  
Fc 27'

+27 T.P. 28'

Hot Beds

4' Woven Wire

+18 Lilac Hedge 26'  
+09 P.P. 23'

174

Rd  
7Rd  
14'

173

7'

14'

+81 Oak 36'

172

9

13'

+50 4" Linden 50'

+20 4" Linden 47'

171

10'

10'

170

11'

11'

169

11'

11'

+58 Oak 36'

168

11

11'

167

11

11

+83 Elm 42'  
 +72 Ent 12"x26" CM 15'  
 +64 Row Trees 36  
 +58 Cor Hedge 36'  
 +38 Bay Hedge 37'  
 +34 Ent 12"x26" CM 15'

+63 Ent 12"x20" CM 16'

+41 Oak 31'  
 +14 Stu 29'  
 +02 Oak 32'

+83 Ent 12"x20" CM 17'  
 +70 4" Linden 47'

+42 Oak 34'  
 +16 X Hedge 39'

+02 Ent 12"x16" CM. 19'

+95 Cor Hedge 32'  
 +65 Oak 29'  
 +58 Oak 33  
 +52 Oak 34'

+27 Cor Hedge 34'  
 +24 X Fe. 34'

+95 10" Oak 31'

+16 X Aglen Ave  
 +14 Ent 15"x28" CM 24'

222222

Yards

Yard

Platted

Scattered Oaks  
 Yards

Scattered Oaks  
 + Stu

Pasture

Scattered Oaks + Stu

Yard

Tree Line 38' (32)

+70 Ent 12"x20" CM 20  
 +45 Elm 35'  
 +36 Ent 12"x20" CM 20'

Tree Line 40'  
 +83 Oak 46'  
 +81 X Hedge 38'

+72 Fe Cor 31

Fe 31

+35 Fe Cor 31

Fe 31

Fe 31'

+44 Rge Tio Fe.

+21 Fe Cor 32'

Fe. 49"

+80 2x2 Pier 32'  
 +70 Ent  
 +58 2x2 Pier 32'  
 +41 Oak 58'  
 +34 Oak 34'  
 +31 Oak 41'  
 +27 Oak 53'

+05 End Hedge 32

+63 Bay Hedge 32'  
 +63 C 2x2 Pier 31

+53 Ent.  
 +47 2x2 Pier 31  
 +45 End Hedge 32  
 +08 Bay Hedge 32'  
 +08 End Cull

181

100 100  
8 13

180

8 13

179

8 13

178

7 15

177

6 15

176

7 14

175

7 15

174

7 14



+ 00 Cur Hedge 32'

Woods 38'<sup>39</sup>

+ 69 Elm 32'

+ 36 Beg Hedge 29'

+ 28 Ent 12" x 20 CM 17

Woods 38'

+ 95 Tree 35'

Woods 42'

+ 83 Ent

+ 69 Ent

+ 75 Pine 31

+ 62 Tree 39'

+ 33 Oak 32'

+ 24 Oak 30'

+ 91 Ent

+ 73 Beg Wood 37

+ 120 Oak 28'

+ 03 Ent 12" x 16 CM 15'

Yards

Yard.  
Scattered  
Oak

+ 29 Oak 27'

+ 89 x Row 2" Birch 40

+ 93 Ent

+ 73 Oak 26'

+ 70 End Heavy  
Tree Line

Tree Line 37'

Yards

+ 38 Ent 12" x 20 CM 13'

+ 25 x Row Trees 44'

+ 20 End Row Trees

+ 52 Double Ent 12" x 30'  
CM. 21'

Row Trees 36

Tree Line 37

+ 66 Beg Row Small Trees 36

+ 55 Ent 12" x 20 CM 14'

+ 48 x Hedge 35'

+ 90 Cedar Hedge 33

+ 78 Ent 12" x 20 CM 21

+ 39 Elm 42

+ 26 Elm 42

+ 12 Elm 42



188

Rd. Rd.  
11 11'

187

11 11'

186

10' 10'

185

14

+ 92 x Drain 15 x 48' CM

34

+ 10 Oak 32'

+ 92 Rubble Gutter 35

184

12 11

183

9 10

182

8 10

181

8 13'

+51 T.P. 28'

 $+10 \text{ Ent}$ 

+ 94 Cor Orchard 37'

+ 38 Cor Apple Orchard 39

+177. P. 28'

+ 00 Ent + 12" x 20 CM 22'

+ 77 Oak 35

+ 51 Stn 35

431 Oak 42'

+18 End Rad 11

+16 T.P. 28'

+ 95 09 K 45

+ 82 4' Blm Rubble Grtcl

+68 Bec Rad 45'

+44 End Rad 49

+00 Beg Rad 11

+ 87 Oak 40'

+ 61 Oak 42.

+ 59 Oak 45'

+38 00K 40'

+ 37 End G.R 12

+22 Oak 47

G. R. 13' - Sta 36

Q Rail 13

486 Bc9 Grail 13

+45 End Wood 37

+15 Ent. 12" x 20 CM 23

Cultivated

cultivated.

Uncultivated

No Cable

+00 End Rad 9'

#67 Beg Rad 37'

+ 44 End Rad 60'

400 Bec Rad 12

+ 2609K. 33

+96 End. G.R. 11

G. Rail 14

+ 58 stu 41

+ 48 Beg G. Rail 11

+ 01 Elm 32'

195

Ed.  
9Ed.  
11

194

8

12'

+98 Spruce 39'

+93 Spruce 44'

193

10'

11

192

10'

11

191

11

11

190

10'

11'

189

11

10

188

11

11

Fe. 41' Orchard 44'

Fe 41'

41

+50 Beg Orchard 44'

+41 Beg Fe 36

+28 Rge Tie

+16 Ent. 28'

+88 PP 34'

+31 Spruce 47'

+29 Spruce 40'

+07 Ent

+00 Elm. 48'

+00 End Cult.

Cultivated

+00 Beg Fe 34'  
+00 Stu 34'

+62 T.P. 28'

+45 Beg Cult

+42 B.E. 46

+27 Ent.

+98 Elm 41'

+80 Elm 41'

+62 Elm 41

+43 T.P. 24

+40 Elm 42'

+13 Oak 29'

+90 Oak 31

+28 T.P. 24'

+24 Tr. Oak 34

+94 End Row Tr. 42

+54 Ent

+44 End Fe 32'

+31 Stu 29'

+11 T.P. 24'

Fe 32' Trees 43'

+80 Oak 34'

+72 Oak 33'

+66 Oak 32'

+37 Oak 32'

+00 Cor Row Trees 44

+00 Fe Cor 34

+91 Ent

+80 T.P. 24

Yards

Cultivated

+63 Fe Cor 34'

+53 End orchard 36'

+36 Orchard 36'

+36 Plum Tree 30'

Fe 34'

+75 Beg Fe. 34

+65 Ent

+59 Oak 43

+07 PP 23'

+48 Ent

+35 X Hedge 48'

Woven Wire

Yard

Woven Wire

Yard



202

Rd  
10Rd  
10

201

10

10

+64 Oak 38'

+60 Oak 38'

200

10'

10'

+87 8 E' 33'

+80 8 E' 33'

+75 5 1/2 34

+65 8 E 33

199

11'

11

198

11'

11

197

11'

11

196

10'

11

195

9'

11



G.R. 12'

+63 Will 52'

G.R. 12'

+36 Oak 38'

+30 Oak 38'

+16 Oak 38'

+15 Beg G.R. 13'

+09 Tree 37'

+04 Tree 38'

+00 End Woods 38'

+68 Woods 32'

+45 Rye Tie Ent.

+35 Ent 12" x 26' CM 22'

+03 P.P. 28'

Woods 36'

+03 Beg Woods 57'

+81 Ent 12" x 20' CM 22'

+67 End Fe 59'

Fe 55'

Fe 48

+46 End Orchard 48'

Fe 41 Orchard 44'

Cultivated

Post only

Post only

Cultivated

Cultivated

+91 T.P. 24'

+71 End G.R. 13'

+47 T.P. 25'

+35 Tree 34'

+35 End Fe 33'

G.R. 12' Fe 33'

+56 Beg G.R. 14'

+52 BE 33'

+455+41 33'

+28 Ent 12" x 20' CM 22'

+12 T.P. 28'

Fe 33'

+75 Beg Yard

Fe 53'

+93 T.P. 28'

Fe 55'

+57 T.P. 28'

Fe 48'

+09 T.P. 28'

Fe 41'

209

Rd.  
10' 10'

23 + 31 X Drain 36" X 48' CM 25'

208

10' 10'

207

10' 10'

206

10' 10'

205

10' 10'

204

10' 10'

203

10' 10'

202

10' 10'

G.R. 12'

Fe 30' 43  
+99 Beg G.R. 12'  
+86 Δ Ditch 123'  
+50 T.P. 26'  
+50 Fe Cor 33

Ditch 31' G.R. 12'

+64 Beg G.R. 12'

+52 Ditch 31' 3' Btm

+24 T.P. 27'

+73 End G.R.

+35 Beg G.R. 12'

Hay Field

Cultivated

+56 End

+93 T.P. 26'

+48 End G.R. 13'

+09 Beg G.R. 13

+75 End Marsh

+57 End G.R. 12'

+18 Beg G.R. 12

Swp 35'

+67 End G.R. 12'

+15 Beg G.R. 12'  
Swp 54

+63 End G.R. 13  
+63 T.P. 25'

G.R. 13'

Cultivated

+28 T.P. 25'  
G.R. 13

+36 End G.R. 12'  
+36 Swp 55

G.R. 12 Swp 100'

+08 Beg G.R. 12'

Rd. Rd.  
" "

216

215

11 11

+94 3-E/m 36'-45'-54'  
+80 E/m 36'  
+67 E/m 37'

214

10 10

213

10' 10'

212

11' 11'

211

+63 End G.R. 38'

+93 Beg G.R. 52

210

10' 10

209

10' 10'



+53 P.P. 31'  
 +53 Fe Cor 31'  
 +31 Beg G.R. 13'  
 +20 Elm 34'  
 +14 Fe Cor 34'  
 +10 Ent 12" x 26" C.M. 26'  
 +58 Ent  
 +52 Elm 37'  
 +82 U.S.G. 5 Mon 34'  
 +27 X Row Trees 40'  
 +23 X 110 " " 40'  
 +20 X Row Small Trees 40'  
 +03 PP 29'

+67 Ent.

+35 Ent.

+70 4" Tree 40

+55 PP 27'

+50 Beg Yard

+44 PP 29'

+11 End Rad 11'

+11 PP 26'

+03 End G.R. 29

+00 GR 34'

+98 Pole 37'

+88 Beg Rad 46'

+66 End Rad 50'

+63 End G.R. 52'

+25 Beg Rad 10' G.R. 12'

Fe 46' G.R. 13'

+89 TP 22'

+87 Δ Fe 33'

G.R. 12 Fe 33'

Garden

Yards  
Plat'd

Cultivated

+00 Beg Cult.

+83 P.P. 28'

+42 SW Cor Bldg. 50'

+19 NW Cor Bldg. 77'

+10 End Rad 11'

+88 Beg Rad 46'

+66 End Rad 40'

+60 Pole 34'

+49 T.P. 43'

+25 Beg Rad 11 G.R. 13'

G.R. 12'

Hay Field

G.R.

cable

cable

post only

Uncultivated



223

Rd  
10Rd  
10

28 +48 X Drain X 56 CM 28"

222

10 10

221

10' 10'

220

10' 10'

219

10 10'

218

10' 10'

217

10 11'

216

11 11

PUBLIC EMPLOYEES RETIREMENT ASSOCIATION ANNUITY

Beginning with the earnings from and after July 1, 1973,  
Employees Retirement will be increased as follows:

1. The Coordinated Fund contribution rates increased  
salary, effective July 1, 1973.
2. The Basic Fund contribution rates increased from 6,  
effective July 1, 1973.

THOMAS J. KELLEY, Co

G.R.  
12

G.R.  
12

445

1' BTM Ditch

G.R. 12

G.R. 12

G.R. 12

G.R. 12

G.R. 12

G.R. 12

+ 1/4 Bag G.R. 12

Cultivated

Post only

Post only

P. Platted

Cultivated

G.R. 12

G.R. 12

G.R. 12

\*\*\*

+ 54 x Fe. 36

G.R. 13

230

Rd 8 Rd 12

229

9 13'

228

11' 11'

227

10 10

226

10' 10'

225

10 10

224

10 10

223

10 10

Fe 30  
+ 90 End Berry Patch

G. R 14'

Fe 23'

Berry Patch  
Nursery

+38 Bog G. Rail 13'  
+14 PP 30'  
+07 Ent  
+00 End Hedge 31'

Yards

+32 Fe Cor 27'

Fe 32'

+15 Cor Hedge 30'  
+05 Ent

+90 Elm 28'

+89 U.S.G.S. B.M. 33'

Fe 28'

Yards

+64 PP 31'

Fe 28'

Platted

+28 Ent  
+14 P.P. 30'  
+90 Oak 34'  
+71 Oak 32'  
+70 Oak 31'

Fe 29'

Pig Pasture  
Wire

Yards

+40 Ent 12" X 26 CM 30  
+30 End G.R. 12  
G.R. 12'

Fe 28'

+55 PP 29'

+84 Fe Cor 28'

+71 Ent 18" X 14' 30

+07 Ent 18" X 30' CM 35

+22 End G.R. 12

G.R. 12

+45 Ent 15" X 20' CM 32'

+04 PP 28'  
G.R. 12

Cultivated



237

Rd  
11Rd  
11

236

10'

12'

235

9'

12

234

8'

13'

+ 80 Hedge 41  
+ 69 Hedge 50  
+ 64 X Hedge 37  
+ 50 X Hedge 34

233

8

13'

+ 93 Evergreen 36'

232

8'

13'

231

8'

12'

230

8

12

+67 Gr. Pole 34

+75 Stn 35'  
+65 P.P. 28'  
+55 Stn 35'  
+45 Stn 35'  
+37 Stn 38'  
+12 Ent.

Cultivated

+67 P.P. 28'

+69 Elm 39'

+50 End Yard

+63 Elm 41'

+90 Elm 47'  
+58 12' x 2' CM 23'  
+50 End Wall  
+43 Spruce 41'  
+37 Spruce 50'  
+30 Spruce 43'

Wall 30'

Yards  
Platted

+92 P.P. 30'

+85 C. 4' Step 30'

+77 Evergreen 36'

+44 End Nursery 42'

+20 Beg Rubble Wall 30'  
+14 P.P. 28'

\* \*  
\* \*

+30 Ent 15' x 20' CM 22'  
+17 P.P. 30'

+94 Fe Cor 37'

+50 Beg orchard +  
Nursery 36'

Fe. 32

Apple, Pines + Elms

+45 Ent  
+14 x Hedge 33'  
+07 B.E. 39'

+90 B.E. 35'  
+77 Ent 15' x 26' CM 29'  
+65 P.P. 31'  
+62 End G.R. 14  
+43 Tree 38'

244  
+90 E 74  
+64 B E 24  
+49 B E 25

Rd 10 Rd 10

243 9' 9'

+41 B E 30  
+40 B E 30  
+37 B E 32

+93 B e g Hedge 44  
+85 Oak 41

242 9' 10'

+79 Cor Woods 43

241 10' 10'

240 10 10

239 10 11

238 10' 12'

237 11' 11'

+85 Fe. Cor 54'  
+76 A Fe. 31'

+35 BE 33'  
+25 End G.R. 11'

G.R. 11 Fe 30'

+90 Beg. G.R. 11'

+50 End G.R. 11'

+36 Fe. Cor 29'

G.R. 11

G.R. 12'

+40 Beg. Cult  
+30 Beg. G.R. 12'

+80 Ent.

+70 PP 22'

+00 Western Ave

Orchard

Cultivated

Post only

Uncultivated

Cultivated

Post only

Yard.

G.R. 12' 48'  
+97 PP 31'

+49 BE 37'  
+42 Cor Hedge 46'  
+40 BE 43'  
+04 Oak 55'  
Hedge 44'

+76 Tree 44'  
+70 Ent  
+58 PP 29'

+53 BE 37'  
+47 Stm 42'

+18 End Woods 40'  
Woods 40' G.R. 12'

+60 Ent  
+54 Fe. Cor 32'

+27 Beg. G.R. 12'

+00 Fe 31'  
+00 Oak 30'

+87 PP 28'

+27 End G.R. 12'  
+35 Fe. Cor 30'  
+23 Beg. G.R. 12'

+04 BE 26'

+14 PP 28'

+37 PP 28'

+04 Western Ave

Not

Graded



251

Rd  
10Rd  
11

250

10' 11'

249

9' 12'

248

9' 12'

247

9' 12'

246

9' 11'

245

9' 12'

244

10' 10'



+97 Beg Hedge 40'

+87 Ent

+75 End Hedge 40'

+65 Beg " 40'

+15 End Berry Patch

+46 P.P. 30'

Raspberry

+58 Brush 33'  
10' wide

+14 P.P. 30'

+75 Ent.

+75 Berry Patch 50'

Uncultivated

+822 Oaks 39-46'

+80 Fe Cor 35'

+11 Fe Cor 34'

+86 P.P. 30'

Fe 35'

Pig Pasture

Cemetery

Fe 37

+58 Fe Cor 31'  
+56 P.P. 29'

Fe 34

Cultivated

+40 Ent

+30 P.P. 30'

+45 Fe Cor 34'

+43 Rge Tie Ent

+30 Ent 34'

+07 P.P. 26'

+03 Brush 36'

Yard

+70 Ent

+71 Apple 36'

+43 Ash 38'

+13 Bush 39'

+35 End G.R. 12'

G.R. 12'

258

Rd.  
9Rd.  
9

24'

+70 X Drain 12" X 46

23'

257

10

10'

256

10'

10'

255

10'

11'

254

10'

11'

+78 Spruce 41'

253

10'

12'

252

10

11

251

10'

11'

700 End Cult

G.R. 12

G.R. 14

FC 52

50

G.R. 12

Cable

Cable



+03 Fe Cor 36'

G.R. 15'

+95 PP 29'

+40 Beg Cult

+84 Beg G.R. 12

+07 Stn 40'

+26 Beg G.R. 14

+98 Ent 12" x 16" CM 22'

+91 End Hedge 36'

+82 Elm 40'

+61 Elm 50'

+40 Elm 40'

+33 Beg Hedge 37'

+15 End Orchard 39'

+02 P.P. 28'

Orchard

Cultivated

+67 Beg Orchard 35'

+40 P.P. 29'

+98 Ent

+70 End Hedge 38"

+34 Beg Hedge 35"

+23 Ent 12" x 17" CM 26'

+09 Hedge 38'

+06 P.P. 29'

+05 Fe Cor 38'

+02 End Row Tr. 40'

Fe 38'

Yard

Duck Yard

+70 Cor Row Tr. 39'

+66 Fe Cor 37'

Cultivated

Cultivated

+75 Beg Cult

+55 End Berry Patch 40'

+15 Beg Berry Patch 40'

+10 P.P. 23'

+10 End Hedge 40'

+75 P.P. 29'

+20 Beg Stn 33'

+10 R. Rear Rd

12" x 32 Conc. 28'

265

Rd

Rd  
14

264

10

13

263

262

9

15

261

9

11

260

10

11

259

9

11

258

9

9



Raspberry



272 Rd. Rd.  
10 9  
+84 S Woor Coop 46'  
+86 B.E 32'  
+78 B.E 32' 29' + 73 X Drain 18" X 64' CM 35'  
+60 12" X 16" V. + Side Dr 35'  
+60 B.E 32

271 9 9

+96 B.E 43'  
+77 B.E 43'

270 10' 9

269 9' 7'

268 6' 12'

267 6' 13'

266 6' 14'

265 6 14

+83 End G.R.

G R 10 Fe 34 52

+59 Tree 46'

+56 Tree 39'

+35 B.E. 42'

+28 B.E. 42'

+16 B.E. 43'

+05 B.E. 42'

G.R. 11

+00 12' x 18' w/ side drain 35'

+48 T.P. 30

+36 B.E. 33'

+35 B.E. 48'

+25 B.E. 46'

G.R. 11

Fe 33' G.R. 11

+55 Beg G.R. 11

+75 Fe. Cor 45'

+50 Fe 39'

+46 Ent. 18' x 26' CM 21'

Fe 36'

+84 Δ Fe. 36'

+80 T.P. 29'

+75 X Fe. 43

+54 Δ Fe 35'

+10 Fe. Cor 37'

+10 S.W. Cor Barn 50'

+00 Silo 47'

+92 P.P. 29'

+80 N.W. Cor Barn 45'

+48 S.W. Cor Barn 43'

+20 Ent

+02 Fe. Cor 42'

+18 P.P. 28'

Fe 32' G.R. 11

+61 P.P. 28'

+08 Beg G.R. 11

Fe 33

+57 Ent. 18' x 26' CM 21'

+25 Fe 52'

+08 P.P. 28'

Fe 51

Fe. 56

+72 Fe. Cor 54'

+51 P.P. 28'

14

Uncultivated

Cable

Barn Yard

Barn Yard

SE

Cow. Barn

100'

20'

16'

15'

Barn

32'

31'

279

Rd. Rd.  
11' 9'

278

12' 9'

277

11' 10'

276

10' 10'

275

10' 10'

274

10' 9'

+72 Beg. G.R. 11'

105 Ent.

273

11' 9'

272

10' 9'

Waste land

Pasture

+66 P.P. 28'

Fe 46

+10 P.P. 28'

+03 Fe Cor 34'

Fe 34'

+88 A Fe 60'

+61 End. G.R. 11'

G.R. 11 Fe 41'-80'

+66 Fe Cor 90'

+66 P.P. 27'

G.R. 11' Fe 46'

Pasture

+16 P.P. 28'

G.R. 10' Fe 37'

+77 Beg. G.R. 10'

+48 End G.R. 10'

G.R. 10' Fe 34'

+68 P.P. 28'

G.R. 11 Fe 34'

+36 T.P. 31

+12 Ent

+92 End G.R. 11'

+74 X Fe 34'

+31 Beg G.R. 11'

+14 Ent

+90 End G.R. 11'

+38 Fe Cor 33'

Fe 33 G.R. 11'

+00 End Pothole 50'

+82 CoH 32'

+75 T.P. 29'

+52 CoH 34' Swp 40'

+40 Beg Pothole 50'

+03 Fe Cor 35'

+00 Beg Fe 36' G.R. 10'

+96 Fe Cor 31'

+73 Stn 47

+60 Pole 34'

+40 X Fe 33'

+32 End Hedge 35'

+21 Maple 47'

+17 Beg Fe 33'

+17 Beg Hedge 35'

+97 Maple 51'

+79 Maple 50'

+73 T.P. 30'

+70 Hedge 35'

+47 Maple 44'

+22 B.E. 44'

+22 S.W. Cor No 66'

+03 Ent 12' x 16 CM 22'

Burn

Yard

37' No 20



286

Rd.  
10Rd.  
10

285

10

10

284

10'

10'

283

11'

10'

282

10'

11'

281

11'

10'

280

11

10

279

11'

9



Fe 68 G.R. 12  
Met. Gutter 12

+41 Rgeti Fe

+29 Fe Cor. 58'

Fe 50  
G.R. 12 Metal Gutter 12'

+44 Beg. G.R. 12'

+44 Beg. Metal Gutter 12'

+40 T.P. 29

Fe 35'

+86 Beg. Fe 33

+72 Ent

+63 End Fe 41'

+57 Rgeti Fe

+53 Fe Cor 41

+49 BE 46

+35 BE 46

Fe 35'

+85 A Fe 34

+71 T.P. 30'

+71 Zilao Bush #1

+69 Fe Cor 46

Fe 53

Fe 56

+30 Fe Cor 68'

+03 T.P. 30'

Pasture

Pasture

Yard

Pasture  
Scattered Oaks

Wasteland

G.R. 12 Fe 55 54  
+00 End Oaks

G.R. 12' Fe 35'

+73 P.P. 28'

+33 Beg. G.R. 12'

+12 Ent  
Fe 33'

+20 P.P. 28'  
Fe 40

+178 Oak 44

+00 Beg. Oaks  
Fe 56'

+69 P.P. 28'

Fe 69

+16 P.P. 28'  
Fe 64'

Fe 56

Scattered Oaks + 54

Pasture

293

Rd  
10Rd  
11

292

10'

11'

291

10

10

290

10'

10'

289

10'

10'

+90 W 11' 44'

288

10

10'

+91 Fc. 42'

+82 Rgt. Tie Fc

+88 TP 32

287

10'

10

286

10

10

Fc 30

Fc 30

53

+57 T.P. 29

Fc 68'

Woods

+60 End G.R. 12'

G.R. 12' Fc 101'  
Swp 50-81'

+72 T.P. 29 Swp 35'

G.R. 12' Pothole 42'-142'

+33 Beg Pothole 45'

G.R. 12'

+89 T.P. 39  
+89 RR Culv. 57  
+59 Beg G.R. 12'

+49 R. &amp; Sign

+17 End G.R. 12' End G.H.

+03 T.P. 66

Fc G.R. 12'  
Met. G.H. 12'

+90 T.P. 29'

+60 Fc Cor. 93'

+35 Metal Spillway 12'  
+32 " " 12'

G.R. 12' Fc 83'

Pasture

+18 T.P. 29  
G.R. 12' Fc 68'

+90 End Pothole 30-

+15 Beg Pothole 30-10

+08 PP 28'

Fc 26'

+16 End G.R. 12'

G.R. 12' Fc 26'

+64 P.P. 28'

G.R. 12' Fc 31'

+50 Will 34'  
+41 Will 37'-50'  
+33 Will 38'  
+27 Will 36'

+23 Twin Will 38'

+19 PP 29'

+13 Will 38'

+00 Will 43'

G.R. 12' Fc 41'

+80 Rge tie Fc

+70 Fc Cor 43'

+52 Beg G.R. 12'

+10 R. &amp; Sign 15'

+04 End Fc 32'  
Fc 32'

+82 End G.R. 12'

+82 Rge tie Fc

+75 PP 28'

+73 Fc Cor 33'

+00 G.R. 12' Fc 48'

+87 Pothole 60'

+87 Will 46'

+40 Pothole 57'-100'

+24 PP 28'

+00 Beg Pothole 57'

G.R. 12' Fc 55'

Scattered Rocks &amp; Stn

32' Plant

1' Wide  
47'

Cable

Cable

300

Rd.

10'

Rd.

10'

299

10'

11'

+ 10 W Dept Service Drive  
20' Rd.

298

9'

12'

297

9'

12'

296

9'

11'

295

10'

11'

294

10

11'

293

10

11



+86 Rge Tie Fe

Pasture

+40 PP 27'

+26 Fe Cor 27

+00 Ent Fe 49'

+50 Fe 96'

+98 PP 28'

+85 End Fe 32'

+72 Fe Cor 51

+ Rge Tie Fe.  
Fe 61

Fe 56'

Woods

+82 CoH 41'

+72 CoH 40'

+63 CoH 45'

+60 Fe Cor 40

+46 PP 28'

+31 Rge Tie Fe  
Fe 38 - 67

Water Dept R.O.W.

Fe 51

+96 PP 28'

+00 Beg Fe 36'

+88 Ent

+61 Rge Tie Ent

+53 End Fe 34'

+41 T.P. 28'

Fe 33'

Woods

Woods

Fe 34'

+52 PP 28'

+42 Beg Fe 28'

+36 Ent

+28 End Fe 21

Fe 30

Fe 30



307

Pd Rd.  
9' 11'

306

9' 11'

305

10 11'

304

10 10  
+ 100 End Frost Boil

303

9' 10'

+ 81 X Drain ?  
Buried

302

9' 11'  
+ 100 Beg Frost Boil

301

10' 10

300

10' 10

Fe 41' GR 11

Fe 41' GR 14' 57

+60 End Swp 100

+63 P.P. 27

+50 Swp 50-200

GR 11' Swp 43 Fe 37

GR 14 Fe 36 Swp 40

Swp 29 GR 11' Fe 35

GR 14 Swp 33' Fe 33  
+99 P.P. 28

Swp 22 GR 11 Fe 31

+52 Beg GR 14'

+10 Δ Fe 33'  
Fe 29 Swp 24

Swp 24 Fe 32 GR 11

+28 Δ Fe. 23

Swp 20 Fe 27

+02 Beg GR 11'  
Swp 22 Fe 31

+26 PP 28

Swp 22 Fe 27

+78 Stu 27

+63 Δ Fe 28 Swp 28

+29 Δ Fe 26

Fe 28 Swp 32'-130'

+10 Beg Swp 33'  
Fe 33

Swp 50'

+88 PP 28'

+83 Oak 41

+60 Oak 49'

+50 Fe 52'

+15 Fe Cor 36'

+20 C 5 CoH 45'

+10 Fe Cor 75'

+06 Fe Cor 30'

314

Rd  
11Rd  
11

313

11'

11'

312

10'

10'

311

10'

10'

310

8'

12'

309

8'

11'

308

9'

11'

307

9'

11'

Fe.

N. S. R.  
Trans.  
Station  
54'

Fe 33

58

+70 End Rad 12'  
 +70 Fe Cor 34'  
 +65 PP 53  
 +48 Beg Rad 30'  
 +27 End Rad 27  
 +07 Fe Cor 37'  
 +00 Beg Rad 11  
 Fe 37

+85 Fe Cor 33'  
 +78 End Rad 11'  
 +66 PP 29-58'  
 +65 Sta 37'  
 +49 Beg Rad 49'  
 +27 End Rad 38'  
 +15 Fe Cor 34'  
 Fe 35'  
 +94 Beg Rad 11'

Fe 45'

+39 PP 28'

Fe 45'

Fe 39'

Fe 49

+93 PP 28'

+16 Ent 15" x 20' CM 22'  
 +10 Oak 32'  
 +00 Beg Scattered Oak.  
 Fe 33

Fe 39'

+78 End G.R. 11

+67 Ent  
 +54 End G.R. 14'  
 +49 PP 28

Fe 33' G.R. 11

G.R. 14 Fe 34'

+48 Oak 31'

+33 Sta 35'  
 +20 End Woods 38'  
 +20 Fe Cor 28'  
 +00 Sta 24'  
 Fe 41 G.R. 11

+05 PP 28'  
 G.R. 14 Fe 41'

+70 Tree Line 38'

+00 Beg Wood 41'  
 Fe 41 G.R. 11

G.R. 14 Fe 41'

Scattered Oaks + Sta

Pasture

Pasture

Woods

Cable

cable

Cultivated

Wave Wire



321

Rd.  
10'Rd.  
11'

+04 BE 40'

320

10

11

+96 242 Pier 27'

+91 2-BE 36'-48'

319

10

11'

318

10'

11'

+81 Beg Orchard 65'

+91 End Hedge 35'

317

10'

11'

316

11

11

315

11'

10'

314

10'

10'





328

Rd  
11Rd.  
10

327

11

10

326

11

10

325

10

10

324

10

10

323

10

10

322

+99 stn 30'

+97 oak 30'

10

10

321

10

11

Platted

+70 Ent 15"x28' CM 24"

+64 Fc Cor 34

Fc 33'

Fc 33'

Fc 33'

Fc 33

+94 Oak 36

Fc 33

+68 Twin Oak 34'  
+51 Oak 37'  
+46 Oak 34'  
+42 Oak 38'

+13 Fc Cor 34  
+04 Pigeon Fc  
+04 Ent  
Fc 33

Scattered Oaks & Stems.

Pasture

Cultivated

+86 Ent

+70 Ent BE Hedge 31'

+70 Ent Orchard

+38 PP 28'

+00 Beg. BE. Hedge 33'

+56 Beg Orchard 33'

+56 X Fc 35'

+92 P.P 28'

+44 PP 28'

+97 P.P 28'

+60 Pine 41'

+47 PP 28'

+37 Pine 31'

+35 Cor Hedge 31'

+22 Beg Hedge 31'

+162 B.E 36-50

+132 +2 Pter 28'

+05 Ent

Scattered  
Apple + Plum  
Trees

335

Rd.  
7'Rd.  
14'

334

9'

12'

333

10'

12'

332

11'

10'

331

11'

10'

330

11'

10'

329

11'

10'

328

11'

10'



+79 Rd 24" x 60' CM 22'

+68 Rye tie Rd

+59 End 24" CM 21'

+25 Rd 15" x 40' CM 23'

Fe 39 61

+79 PP 28'

+00 Beg Woods  
Fe 46

+31 PP 28'

+15 Fe Cor 39

Fe 37'

Fe 33'

+83 PP 28'

Fe 33'

+93 Fe Cor 33'

+34 PP 28'

Tree Line 55'

Hayfield

Cultivated

Planted



342

Rd.  
6Rd.  
15

+ 85 Oak 43'

341

5'

16

340

+ 12 Fe Cor 36'

+ 98 TP 31'

+ 17 PP 33

+ 86 GR 42'

339

4'

18'

338

5'

16'

+ 76 Stn 42'

337

5'

16

336

6'

15'

335

7'

14

Pothole 35' G.R. 11

+82 End GR 20' 62  
+73 Oak 44'  
+66 PP 29'  
+60 Oak 44'

+42 Fe Cor 28'

+05 Rye Tie Fe.  
Fe 28' GR 20

Pothole 40' G.R. 11

+37 Tree 39'-50'

+22 End Rad 6'

+13 G.R. 11'

+03 Bag Pothole 47'-250

G.R. 15'

+82 Bag Rad 38'

+62 End Rad 45'

+57 G.R. 55'

+23 Swp 90-200'

+15 Bag Rad 5'

+13 Bag G.R. 10'

Swp 100'

Swp

+55 Bag Pothole 150'

Pothole

Woods

20' 1 C.C. Pav

+15 End Rad 17'

+13 G.R. 22'

G.R. 27'

+85 G.R. 58'

+82 Bag Rad 55'

+62 End Rad 85'

+50 Rad 47'

+15 Fe 46'

+15 Bag Rad 15'

+10 PP 35'

Fe 39'

+90 A Fe 38'

Fe 33'

+74 PP 28'

+24 W.I. 40'

+16 W.I. 39'

+22 Rye Tie Fe

+14 Fe Cor 34'

Fe 34

Platted

Woods

Fe 33

+25 PP 28'

Fe 39

+19 End 24' CM 22

349

Rd.  
8Rd.  
14

348

7

13'

+94 sta 43'

+77 sta 45'

347

7'

14'

346

8'

14'

345

7'

14'

344

6'

15'

343

5'

15'

342

+00 Fe Cor 34'

+33 Ent

+25 Fe Cor 34'

+25 End Pothole

+10 Rge Tie Fe

Pothole 33' Fe 33

+06 Rge Tie Fe

+00 Fe Cor 34'

+00 Beg Pothole 34'

+80 Oak 44'

+34 Fe Cor 33'

+30 End Rushes 41'

+10 Beg T Bush 41'

+92 Ash 41'

+64 Ash 40'

+50 Ash 49'

+40 Ent

+25 Ent

+81 Spruce 50'

+65 Spruce 50'

+08 X Hedge 33'

+83 Plnm Tr 39'

+38 Ent

+26 Spruce 35'

+90 Oak 39'

+57 End GR 10'

+52 Fe Cor 36'

+17 Rge Tie Fe

+15 Fe Cor 37'

+15 End Pothole 50' 200'

Pasture

Yards

Yard

Scattered Oaks

Stu Pasture

Scattered Oaks

Yard

Tree Line 60'

Woods

+50 End Oaks

+10 PP 28'

+06 Oak 43'

Fe 33

+72 Stu 33'

+70 Oak 43'

+22 Stu 39'

Fe 43'

+87 Stu 43'

+82 PP 29'

+34 Fe Cor 43'

+87 Oak 47'

+70 Oak 54'

+57 Oak 50'

+47 PP 28'

+56 Ent

+42 Oak 47'

+24 PP 28'

+10 End Pothole 34'

Pothole 34' - 75'

+70 Pothole 34'

+31 Oak 38'

+98 PP 29'

+03 Oak 38'



Rd. Rd.  
10 11

350

+85 End Hodges 37'

355

9' 13'

+83 Bog Hedge 37'

+83 Bog Row Elms 34'

354

10' 12'

+94 2 Stn 32'

+92 Stn 35'

+89 Stn 33'

+80 Stn 35'

353

8' 13'

352

8' 12'

351

8' 12'

350

8' 13'

349

8' 14'



Fe 28'  
+85 End Row Elms 33'

Elm 34'  
Fe 27'  
+55 G.P. 25'  
+43 Oak 4L'  
+33 Stm 34'-42'  
+18 Oak 43'  
+16 Fe 27'

+04 A Fe 32'  
Fe 33'

+80 Oak 33'  
+63 Oak 33'

+47 Stm 32'

+37 Oak 31'  
+32 Oak 50'

Fe 34'

Fe 33'

+63 Maple 28'

Fe 33'

+46 Fe Cor 36'

Fe 34'

Fe 34'

Barn Yard

Fe 34' 64  
+98 P.P. 27

+08 Fe Cor 33'

+00 Ent

+95 Fe Cor 23'

+55 P.P. 27'

Fe 23'

+26 P.P. 28'

Fe 23  
+90 Fe Cor 23'

+84 Ent  
+78 Fe Cor 23'-33'

Fe 33'

+96 P.P. 28'

Fe 33

+58 P.P. 28'

Fe 33

+13 P.P. 28'  
Fe 34'

Cultivated

Hay Field

Pasture

Cultivated

363

Pd.  
11Pd.  
14

362

9'

14'

361

10'

13'

360

10'

13'

359

10'

12'

358

9

12'

357

9

12'

356

10'

11'

Fe 46'

Fe 33' 25'

+97 PP 28'

+76 Beg Fe 49'

Fe 33'

+58 PP 27'

+29 End Fe. 41

Fe 35

Cultivated

+15 Ent

Fe 33'

+45 Ent

+15 Stn 28'

Fe 33'

+17 PP 27'

+15 End Pothole 33

+04 Fe Cor 34'

+90 End Pothole 33-150'

Fe 34

Fe 33' Pothole 33-175'

Fe 33' Pothole 33'  
200'

+77 PP 27

Fe 33' Pothole 33'-200'

Fe 33' Pothole 33'  
200'

+38 PP 26

+08 Beg Pothole 34'-200'

Fe 34'

+20 Beg Pothole

Fe 34

+89 Fe Cor 34'

+45 Ent

Fe 34

Rd.

Rd.

366

A2 +92 X Drain 12" x CM 77' 35"

365

9' 13'

+95 Bush 43'

+65 Bush 45'

+35 Bush 43'

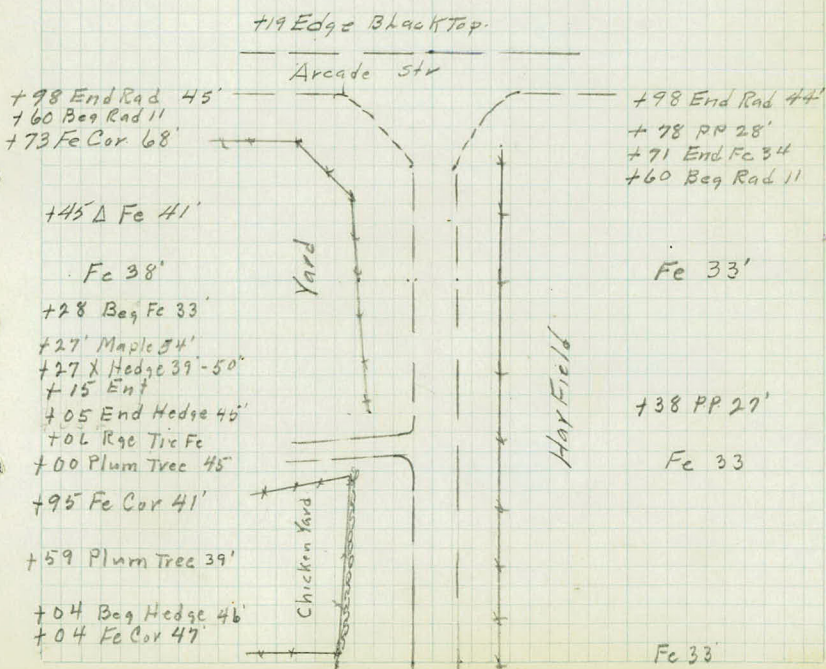
364

9' 13'

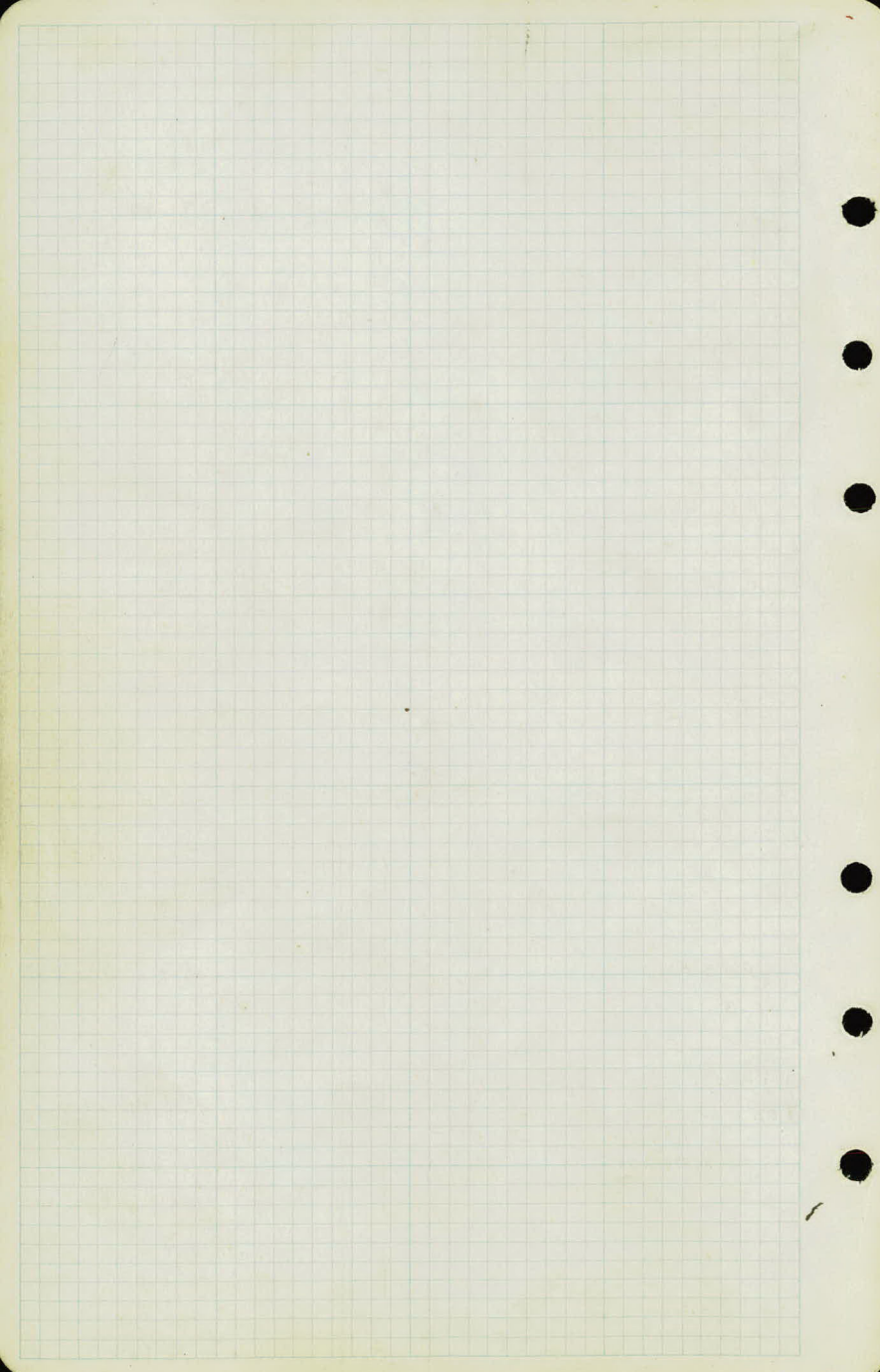
363

11 14'









COUNTY ROAD "B"

W. Co. Line to  
Arcade St.

Bench Levels

4-30-41 4-30-42

ROP HAW

AM

LL

CN

CF

| P.   | +     | -      | -     | Elev   |
|------|-------|--------|-------|--------|
| B.M. | 4.76  | 931.04 |       | 926.28 |
| T.P. | 7.49  | 935.61 | 2.92  | 928.12 |
| T.P. | 7.49  | 939.88 | 3.22  | 932.39 |
| T.P. | 6.85  | 946.15 | 0.58  | 939.30 |
| B.M. | 6.51  | 944.88 | 7.73  | 938.37 |
| T.P. | 11.19 | 955.58 | 0.49  | 944.39 |
| T.P. | 9.56  | 957.26 | 7.88  | 947.70 |
| B.M. | 1.82  | 955.79 | 3.29  | 953.97 |
| T.P. | 6.04  | 955.76 | 6.07  | 949.72 |
| T.P. | 3.80  | 954.61 | 4.95  | 950.81 |
| B.M. | 9.12  | 956.28 | 7.45  | 947.16 |
| T.P. | 10.85 | 963.32 | 3.81  | 952.47 |
| T.P. | 9.42  | 969.78 | 2.96  | 960.36 |
| T.P. | 12.22 | 981.77 | 0.23  | 969.55 |
| B.M. | 11.80 | 984.68 | 8.89  | 972.88 |
| T.P. | 1.46  | 982.42 | 3.72  | 980.96 |
| B.M. | 1.61  | 973.81 | 10.22 | 972.20 |
| T.P. | 6.03  | 972.78 | 9.06  | 964.75 |
| T.P. | 11.86 | 984.48 | 0.16  | 972.62 |
| B.M. | 7.60  | 981.11 | 10.97 | 973.51 |
| T.P. | 4.04  | 981.70 | 3.45  | 977.66 |
| B.M. | 1.76  | 978.56 | 4.90  | 976.80 |
| T.P. | 2.11  | 968.89 | 11.72 | 966.78 |
| T.P. | 2.41  | 962.77 | 8.53  | 960.36 |
| B.M. | 4.80  | 959.75 | 7.82  | 954.95 |

Spike Cottonwood Lt. 11+50 (Walnut Sta.)

Top Mon. W. Co. Line and Co. Rd. "B"

Spike H. Pole 21' Rt. Sta. 16+45

Spike T.P. 28' Rt. Sta. 29+70

Top Mon. Co. Rd. "B" and Cleveland

Spike Cor. Fe. Post. 26' Lt. Sta. 64+56

Top Mon. New Brighton Rd. & Co. Rd. "B"

Spike P.P. 33' Lt. Sta. 89+96

S.E. Cor. Top M.H. Slab - S.W. Cor. Snelling and "B"



| Sta  | +    | $\pi$  | -    | Elev     |
|------|------|--------|------|----------|
|      |      | 959.75 |      |          |
|      | 3.53 | 957.90 | 5.38 | 954.37   |
|      | 5.00 | 954.79 | 8.11 | 949.79   |
| B.M. | 4.10 | 954.79 | 4.10 | 950.69   |
|      | 4.35 | 953.19 | 5.95 | 948.84   |
|      | 9.73 | 959.26 | 3.66 | 949.53   |
| B.M. |      |        | 3.71 | 955.55   |
| B.M. | 9.60 | 960.15 |      | 950.55   |
|      | 4.60 | 960.15 | 4.60 | 955.55 ✓ |
|      | 5.68 | 959.52 | 6.31 | 953.84 ✓ |
|      | 4.83 | 961.51 | 2.84 | 956.68 ✓ |
| B.M. | 3.30 | 961.51 | 3.30 | 958.21 ✓ |
|      | 3.21 | 957.30 | 7.42 | 954.09 ✓ |
|      | 3.62 | 952.97 | 7.95 | 949.35 ✓ |
|      | 2.08 | 952.73 | 2.32 | 950.65 ✓ |
| B.M. | 4.57 | 952.73 | 4.57 | 948.16 ✓ |
|      | 3.37 | 954.57 | 1.53 | 951.20 ✓ |
|      | 2.52 | 949.29 | 7.80 | 946.77 ✓ |
| B.M. | 4.12 | 949.29 | 4.12 | 945.17 ✓ |
|      | 4.09 | 945.43 | 7.95 | 941.34 ✓ |
|      | 1.94 | 940.31 | 7.06 | 938.37 ✓ |
| B.M. | 7.36 | 941.37 | 6.30 | 934.01 ✓ |
|      | 6.24 | 943.56 | 4.05 | 937.32 ✓ |
|      | 0.90 | 937.02 | 7.44 | 936.12 ✓ |
| B.M. | 7.51 | 937.02 | 7.51 | 929.51 ✓ |



SpK in 15" Oak 100' Lt Sta 118+85

Top Mon. Co Rd "B" + Hamline Ave.  
U.S.C. & G.S. B.M. 28.6' Rt Sta 129+50.  
Top Mon Co Rd "B" + Hamline Ave



Top N.E. Cor. Bottom Step Ho. 55 Rt Sta 143+08

Top Mon Co Rd "B" + Lexington Ave

N.W. Cor. Bottom Corner Slab East Pier 30' Rt Sta 168+75

Top Mon "B" + Victoria 184+58.88

SpK in P.P. 28' Rt Sta 196+57

| Point | +     | -      | Elev   |                 |
|-------|-------|--------|--------|-----------------|
|       |       |        | 937.02 |                 |
|       | 0.65  | 924.83 | 12.84  | 924.18          |
|       | 0.06  | 912.69 | 12.20  | 912.63          |
|       | 0.36  | 900.22 | 12.83  | 899.86          |
|       | 1.12  | 889.05 | 12.29  | 887.93          |
|       | 10.02 | 878.89 | 0.18   | 888.87          |
| B.M   | 8.24  | 898.89 | 8.24   | 890.65          |
| B.M   | 0.43  | 895.43 | 3.89   | 895.00 895.002  |
|       | 1.03  | 883.11 | 13.35  | 882.08          |
|       | 12.72 | 895.67 | 0.16   | 882.95          |
|       | 10.27 | 904.93 | 1.01   | 894.66          |
| B.M.  | 11.24 | 914.65 | 1.52   | 903.41 903.406  |
|       | 13.15 | 926.96 | 0.84   | 913.81          |
|       | 12.39 | 939.21 | 0.14   | 926.82          |
|       | 7.65  | 946.61 | 0.25   | 938.96          |
| B.M   | 4.10  | 946.61 | 4.10   | 942.51          |
|       | 0.17  | 938.87 | 7.91   | 938.70          |
|       | 3.52  | 934.35 | 8.04   | 930.83          |
| B.M   | 0.06  | 934.35 | 0.06   | 934.29 (934.32) |
|       | 0.83  | 924.75 | 10.43  | 923.92          |
|       | 3.76  | 919.28 | 9.23   | 915.52          |
|       | 7.99  | 919.91 | 7.36   | 911.92          |
|       | 13.72 | 932.97 | 0.66   | 919.25          |
|       | 13.05 | 944.68 | 1.34   | 931.63          |
| B.M   | 6.51  | 944.68 | 6.51   | 938.17 (938.21) |

20  
Description

Top Mon "B" + Dale Str

Top U.S.G.S Conc. Mon # G.10 32' Rt 214+31

Top U.S.C. + G.S. Conc Mon # G.9 33' Lt Sta 227+88

Top Mon "B" + Western

N.W. Cor 4' Conc Slab At Ho 125' Lt Sta 244+93

Top Mon "B" + Rice 263+0397

(93821)

| Point | +     | $\pi$  | -     | Elev            |
|-------|-------|--------|-------|-----------------|
|       |       | 944.68 |       |                 |
|       | 4.52  | 948.77 | 0.43  | 944.25          |
|       | 0.92  | 936.92 | 12.77 | 936.00          |
|       | 0.30  | 923.89 | 13.33 | 923.59          |
|       | 4.86  | 917.92 | 10.83 | 913.06          |
| B.M.  | 9.51  | 917.92 | 9.51  | 908.41 (908.46) |
|       | 8.56  | 925.69 | 0.79  | 917.13          |
|       | 6.12  | 931.79 | 0.02  | 925.67          |
|       | 1.25  | 920.86 | 12.18 | 919.61          |
|       | 0.80  | 908.86 | 12.80 | 908.06          |
|       | 1.79  | 899.21 | 11.44 | 897.42          |
| B.M.  | 2.91  | 897.51 | 4.61  | 894.60 (894.67) |
|       | 1.71  | 887.83 | 11.39 | 886.12          |
|       | 6.10  | 889.33 | 4.60  | 883.23          |
| B.M.  | 3.94  | 889.04 | 4.23  | 885.10          |
|       | 9.75  | 895.70 | 3.09  | 885.95          |
|       | 12.49 | 908.12 | 0.07  | 895.63          |
|       | 13.47 | 920.98 | 0.61  | 907.51          |
|       | 13.47 | 934.19 | 0.26  | 920.72          |
|       | 13.28 | 947.22 | 0.25  | 933.94          |
| B.M.  | 4.18  | 950.78 | 0.62  | 946.60 (946.70) |
|       | 4.66  | 947.50 | 7.94  | 942.84          |
|       | 7.98  | 954.71 | 0.77  | 946.73          |
|       | 4.61  | 956.65 | 2.67  | 952.04          |
| B.M.  | 2.74  | 956.65 | 2.74  | 953.91          |



## Description

Spk in 18" Twin Cottonwood 33' Lt Sta 274+51

Top Mon "B" +  $\frac{1}{2}$  Mi. West McMenemy Sta

Spk in PP 28' Rt Sta 297+98

Top Mon "B" + McMenemy

Spk in PP 28' Rt Sta 380+33

Opposite Rd No in Hendry Plat

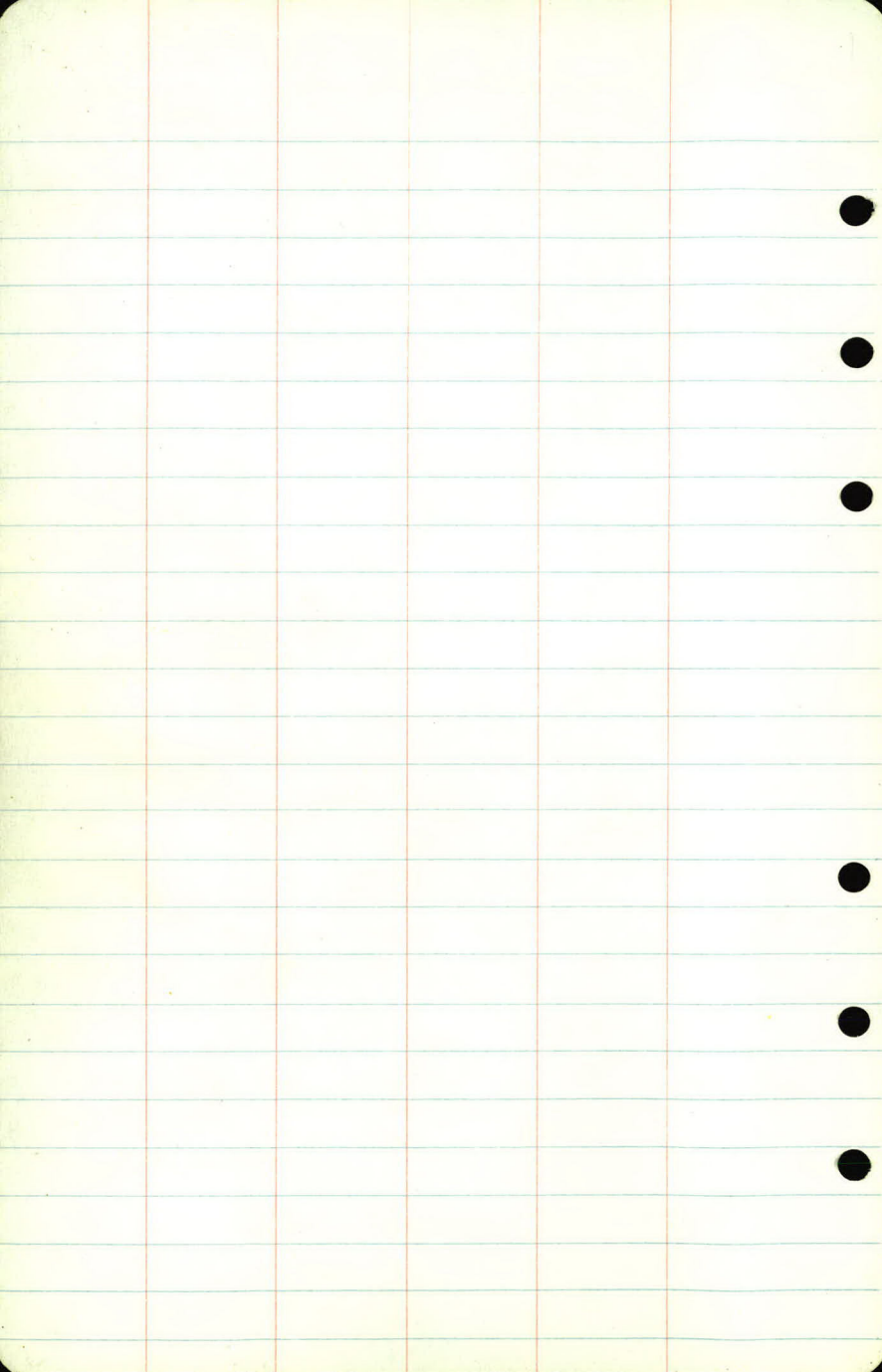
| Point | +    | +      | -     | Elev   |          |
|-------|------|--------|-------|--------|----------|
|       |      | 956.65 |       |        |          |
|       | 1.43 | 946.54 | 1154  | 945.11 | ✓        |
|       | 1.19 | 935.33 | 12.40 | 934.14 | ✓        |
|       | 0.68 | 923.17 | 12.84 | 922.49 | ✓        |
|       | 2.76 | 913.15 | 12.78 | 910.39 | ✓        |
| B.M.  | 5.66 | 914.06 | 4.75  | 908.40 | (908.52) |
|       | 5.40 | 915.62 | 3.84  | 910.22 |          |
|       | 1.16 | 906.98 | 9.80  | 905.82 |          |
| B.M.  | 5.70 | 906.98 | 5.70  | 901.28 |          |
|       | 2.36 | 900.61 | 8.73  | 898.25 |          |
|       | 8.23 | 901.33 | 7.51  | 893.10 |          |
|       | 4.37 | 904.67 | 1.03  | 900.30 |          |
| T.B.M |      |        | 12.43 | 892.24 |          |

Description

Top Mon. "B" + Edgerton str (908.52)

SpK in 15" Twin Maple 28' Lt str

SpK in P.P S.W Cor Arcade + B





COUNTY ROAD "B"

West Co. Line to  
Arcade St

Cross Sections

| Sta. | +              | $\pi$  | -    | Elev   |
|------|----------------|--------|------|--------|
| B.M. | 5.89           | 944.26 |      | 938.37 |
| 0+00 |                |        | 5.7  | 38.6   |
|      |                |        |      |        |
| +17  |                |        | 6.1  |        |
|      |                |        |      |        |
| +50  |                |        | 6.2  |        |
|      |                |        |      |        |
| +71  | 12" x 48' C.M. |        | 6.1  |        |
|      |                |        |      |        |
| 1    |                |        | 5.8  |        |
|      |                |        |      |        |
| +50  |                |        | 5.2  |        |
| B.M. | 6.87           | 945.24 | 5.89 | 938.37 |
| 2    |                |        | 5.7  |        |
|      |                |        |      |        |
| +50  |                |        | 5.4  |        |
|      |                |        |      |        |
| 3    |                |        | 5.2  |        |
|      |                |        |      |        |
| +50  |                |        | 5.1  |        |
| T.P. | 6.35           | 946.54 | 5.05 | 940.19 |
| 4    |                |        | 6.4  |        |
|      |                |        |      |        |
| +50  |                |        | 6.2  |        |

Lt.                      A                      Rt

Top Mon W. Co. Line 7 Co. Rd. B -

6.4 6.5 7.3 5.9                      6.4 6.9 6.3  
50 23 14 7 5.7 17 31 50

6.8 7.2 7.4 7.0                      6.3 7.1 7.9 8.2 7.3  
50 30 17 10 6.1 9 18 26 39 50

Note: This is Hiway Fill

15.7 7.1 8.4 6.3                      7.2 9.7 9.6  
50 31 18 12 6.2 15 22 50

FL.

S.S. 0.0 6.6 11.0 11.45 8.7 6.9 6.4                      6.7 9.9 FL. 11.8 11.6 9.7 8.7  
50 44 32 23 21 15 11 6.1 14 21 25 25 28 30 50

Inv. Hiway 24' x 146' 10.33

0.0 6.7 8.4 8.5 6.1                      6.5 9.4 9.5 8.5 7.9  
50 38 26 20 15 5.8 15 21 27 32 50

4.5 5.4 5.5 6.0 5.4 5.3                      5.4 5.7 6.4 5.3 5.3 5.2  
50 32 17 15 12 9 5.2 11 14 17 21 39 50

Top Mon

10.7 11.4 5.7                      6.0 6.3 6.8 3.4 3.0 3.2  
50 35 15 5.7 10 14 17 23 39 50

12.5 12.8 5.4                      5.6 6.1 2.6 2.4 1.9 2.9  
50 37 16 5.4 10 17 22 26 36 50

11.5 11.3 5.3                      5.3 5.6 6.2 3.1 3.1 3.9  
50 34 16 5.2 10 13 19 23 26 50

0.9 1.6 4.5 5.1                      5.2 6.3 2.4 2.4  
50 31 18 12 5.1 10 17 26 50

7.6 7.6 7.6 6.6 6.4                      6.5 7.8 7.3 6.8 6.3  
50 30 17 19 10 6.4 12 16 18 34 50

11.4 11.6 11.6 6.7                      6.5 6.7 9.6 9.7  
50 35 23 13 6.2 10 14 22 50

| Sta.                    | +   | $\pi$  | -   | Elev. |
|-------------------------|-----|--------|-----|-------|
|                         |     | 946.54 |     |       |
| 5                       |     |        | 5.9 |       |
|                         | +50 |        | 5.4 |       |
| 6                       |     |        | 5.3 |       |
|                         | +50 |        | 5.2 |       |
| 7                       |     |        | 5.1 |       |
|                         | +42 |        | 5.1 |       |
|                         | +65 |        | 5.0 |       |
| Profile Approach to #36 |     |        |     |       |
|                         | +79 |        | 4.9 |       |
| Profile Walnut +91      |     |        |     |       |
| 8                       |     |        | 4.6 |       |
|                         | +05 |        | 4.5 |       |
|                         | +26 |        | 4.0 |       |
|                         | +50 |        | 3.4 |       |

Lt

K

Rt.

|           |           |           |            |          |           |           |           |
|-----------|-----------|-----------|------------|----------|-----------|-----------|-----------|
| 11.6      | 10.6      | 6.1       | 6.1        | 6.4      | 8.9       | 8.3       | 8.2       |
| <u>50</u> | <u>22</u> | <u>14</u> | <u>5.9</u> | <u>9</u> | <u>15</u> | <u>21</u> | <u>37</u> |

|           |           |           |           |            |          |           |           |           |           |           |
|-----------|-----------|-----------|-----------|------------|----------|-----------|-----------|-----------|-----------|-----------|
| 8.3       | 6.7       | 6.1       | 5.5       | 5.6        | 6.0      | 6.6       | 5.2       | 4.0       | 5.5       | 5.4       |
| <u>50</u> | <u>34</u> | <u>17</u> | <u>11</u> | <u>5.4</u> | <u>8</u> | <u>13</u> | <u>16</u> | <u>20</u> | <u>26</u> | <u>42</u> |

|           |           |           |           |            |           |           |           |           |
|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|
| 8.2       | 7.5       | 6.9       | 5.6       | 5.4        | 6.0       | 4.0       | 3.9       | 3.5       |
| <u>50</u> | <u>35</u> | <u>22</u> | <u>16</u> | <u>5.3</u> | <u>13</u> | <u>15</u> | <u>25</u> | <u>39</u> |

|           |           |           |           |            |           |           |           |
|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|
| 8.2       | 7.8       | 7.2       | 5.2       | 5.3        | 6.0       | 3.7       | 2.6       |
| <u>50</u> | <u>38</u> | <u>23</u> | <u>15</u> | <u>5.2</u> | <u>10</u> | <u>16</u> | <u>29</u> |

|           |           |           |           |            |           |           |           |
|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|
| 8.2       | 7.8       | 7.4       | 5.4       | 5.3        | 10.0      | 9.1       | 9.1       |
| <u>50</u> | <u>32</u> | <u>21</u> | <u>14</u> | <u>5.1</u> | <u>15</u> | <u>24</u> | <u>30</u> |

|           |           |            |           |           |           |
|-----------|-----------|------------|-----------|-----------|-----------|
| 4.3       | 5.1       | 5.7        | 12.9      | 13.3      | 12.7      |
| <u>50</u> | <u>33</u> | <u>5.1</u> | <u>15</u> | <u>29</u> | <u>40</u> |

Note: Sec. in Rdwy.

|           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 4.7       | 4.9       | 5.3       | 6.0       | 8.1       | 10.8      | 11.4      |
| <u>50</u> | <u>28</u> | <u>50</u> | <u>12</u> | <u>18</u> | <u>29</u> | <u>39</u> |

|            |            |            |            |            |           |
|------------|------------|------------|------------|------------|-----------|
| 10.5       | 0.5        | 1.5        | 2.6        | 3.7        | 4.7       |
| <u>300</u> | <u>250</u> | <u>200</u> | <u>150</u> | <u>100</u> | <u>50</u> |

|           |           |           |            |           |           |
|-----------|-----------|-----------|------------|-----------|-----------|
| 4.9       | 5.0       | 4.8       | 5.3        | 4.8       | 7.4       |
| <u>50</u> | <u>37</u> | <u>20</u> | <u>4.9</u> | <u>12</u> | <u>30</u> |

|           |           |           |            |            |            |
|-----------|-----------|-----------|------------|------------|------------|
| 5.7       | 7.0       | 8.2       | 9.2        | 10.4       | 11.4       |
| <u>50</u> | <u>25</u> | <u>50</u> | <u>100</u> | <u>150</u> | <u>200</u> |

|           |           |           |           |            |           |           |
|-----------|-----------|-----------|-----------|------------|-----------|-----------|
| 6.9       | 5.5       | 5.4       | 4.6       | 5.4        | 6.7       | 7.0       |
| <u>50</u> | <u>46</u> | <u>36</u> | <u>18</u> | <u>4.6</u> | <u>19</u> | <u>39</u> |

|           |           |           |           |            |           |           |
|-----------|-----------|-----------|-----------|------------|-----------|-----------|
| 7.0       | 5.4       | 5.3       | 4.6       | 5.2        | 6.5       | 6.9       |
| <u>50</u> | <u>42</u> | <u>34</u> | <u>17</u> | <u>4.5</u> | <u>15</u> | <u>33</u> |

|           |           |           |            |           |           |
|-----------|-----------|-----------|------------|-----------|-----------|
| 9.9       | 5.1       | 4.2       | 4.7        | 11.5      | 12.6      |
| <u>50</u> | <u>33</u> | <u>15</u> | <u>4.0</u> | <u>16</u> | <u>30</u> |

|           |           |           |            |           |           |
|-----------|-----------|-----------|------------|-----------|-----------|
| 12.1      | 4.3       | 3.6       | 3.9        | 11.6      | 12.5      |
| <u>50</u> | <u>25</u> | <u>12</u> | <u>3.4</u> | <u>19</u> | <u>28</u> |



| Sta. | +     | X      | -    | Elev.  |
|------|-------|--------|------|--------|
|      |       | 946.54 |      |        |
| 9    |       |        | 2.0  |        |
| +50  |       |        | 0.2  |        |
| T.P. | 12.70 | 958.94 | 0.30 | 946.24 |
| 10   |       |        | 10.7 |        |
| T.P. | 13.07 | 968.48 | 353  | 955.41 |
| +50  |       |        | 18.1 |        |
| 11   |       |        | 16.4 |        |
| +50  |       |        | 14.6 |        |
| 12   |       |        | 13.1 |        |
| +50  |       |        | 12.8 |        |
| +74  |       |        | 11.1 |        |
| 13   |       |        | 10.3 |        |
| +30  |       |        | 9.7  |        |
| +60  |       |        | 9.3  |        |

Lt.

K

Rt.

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 142 | 135 | 2.5 |     | 2.3 | 8.2 | 8.6 |
| 50  | 42  | 19  | 2.0 | 15  | 26  | 50  |

|      |      |     |     |     |     |     |
|------|------|-----|-----|-----|-----|-----|
| 11.8 | 10.5 | 0.9 |     | 0.5 | 2.5 | 1.7 |
| 50   | 36   | 16  | 0.2 | 15  | 20  | 50  |

|      |      |      |      |      |      |     |     |
|------|------|------|------|------|------|-----|-----|
| 14.6 | 13.1 | 10.9 | 11.0 |      | 11.1 | 6.1 | 5.2 |
| 50   | 36   | 18   | 12   | 10.7 | 15   | 22  | 50  |

|      |      |      |      |      |      |     |     |     |
|------|------|------|------|------|------|-----|-----|-----|
| 13.1 | 11.7 | 11.3 | 18.5 |      | 19.0 | 9.0 | 8.6 | 7.8 |
| 75   | 50   | 27   | 16   | 18.1 | 17   | 28  | 50  | 75  |

|     |     |     |      |      |      |     |     |     |
|-----|-----|-----|------|------|------|-----|-----|-----|
| 5.8 | 5.4 | 4.4 | 16.8 |      | 16.8 | 4.3 | 4.0 | 4.2 |
| 75  | 50  | 30  | 16   | 16.4 | 15   | 31  | 50  | 75  |

|     |     |     |      |      |      |     |     |     |
|-----|-----|-----|------|------|------|-----|-----|-----|
| 5.2 | 4.8 | 3.3 | 14.9 |      | 14.9 | 5.4 | 5.7 | 4.0 |
| 75  | 50  | 30  | 15   | 14.6 | 15   | 27  | 50  | 75  |

|     |     |     |      |      |      |     |     |     |
|-----|-----|-----|------|------|------|-----|-----|-----|
| 6.8 | 6.3 | 7.4 | 13.2 |      | 13.6 | 8.5 | 8.7 | 8.6 |
| 50  | 30  | 25  | 15   | 13.1 | 15   | 22  | 36  | 50  |

|     |     |  |      |      |      |      |      |      |      |
|-----|-----|--|------|------|------|------|------|------|------|
| 7.2 | 7.8 |  | 12.1 |      | 12.5 | 13.0 | 11.6 | 11.2 | 10.2 |
| 50  | 24  |  | 14   | 12.8 | 13   | 18   | 19   | 40   | 50   |

|     |     |      |      |  |      |      |      |      |
|-----|-----|------|------|--|------|------|------|------|
| 7.6 | 8.1 | 11.4 |      |  | 11.7 | 10.4 | 11.0 | 10.3 |
| 50  | 20  | 14   | 11.1 |  | 15   | 20   | 36   | 50   |

|     |     |      |      |      |     |     |      |  |
|-----|-----|------|------|------|-----|-----|------|--|
| 7.9 | 8.7 | 10.4 |      | 11.1 | 8.5 | 9.2 | 10.4 |  |
| 50  | 27  | 14   | 10.3 | 16   | 18  | 37  | 50   |  |

|     |     |     |     |      |     |     |     |     |
|-----|-----|-----|-----|------|-----|-----|-----|-----|
| 5.6 | 4.5 | 9.7 |     | 10.3 | 6.2 | 6.2 | 7.8 | 8.5 |
| 50  | 22  | 17  | 9.7 | 16   | 22  | 37  | 42  | 50  |

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5.3 | 3.9 | 3.8 | 9.7 |     | 9.7 | 4.8 | 4.8 | 7.1 |
| 50  | 31  | 23  | 16  | 9.7 | 16  | 22  | 37  | 50  |

| Sta. | +    | $\pi$  | -     | Elev.  |
|------|------|--------|-------|--------|
|      |      | 968.48 |       |        |
| 14   |      |        | 9.2   |        |
| T.P. | 433  | 969.50 | 3.31  | 965.17 |
| +50  |      |        | 10.3  |        |
| 15   |      |        | 11.2  |        |
| +25  |      |        | 12.0  |        |
| +50  |      |        | 12.8  |        |
|      | 1.74 | 958.13 | 13.11 | 956.39 |
| +82  |      |        | 2.4   |        |
| 16   |      |        | 3.1   |        |
| +21  |      |        | 3.8   |        |
| +46  |      |        | 4.6   |        |
| B.M. | 4.17 | 958.13 | 4.17  | 953.91 |
| +75  |      |        | 4.6   |        |
| 17   |      |        | 5.4   |        |
| +43  |      |        | 6.3   |        |

Lt.

L

Rt.

|    |    |     |     |     |    |    |     |     |
|----|----|-----|-----|-----|----|----|-----|-----|
| 49 | 46 | 9.2 |     | 9.5 | 47 | 47 | 6.5 | 8.5 |
| 50 | 23 | 17  | 9.2 | 13  | 21 | 32 | 36  | 50  |

F.P. Lt. 14

|    |    |      |      |      |      |    |     |     |
|----|----|------|------|------|------|----|-----|-----|
| 57 | 45 | 10.7 |      | 10.9 | 11.0 | 49 | 5.8 | 6.4 |
| 50 | 24 | 16   | 10.3 | 15   | 16   | 24 | 41  | 50  |

|      |      |      |      |      |      |      |     |     |
|------|------|------|------|------|------|------|-----|-----|
| 10.2 | 10.0 | 10.2 | 11.7 |      | 11.5 | 12.0 | 7.8 | 7.8 |
| 50   | 29   | 18   | 13   | 11.2 | 13   | 16   | 20  | 50  |

|      |      |      |      |      |      |     |     |     |     |
|------|------|------|------|------|------|-----|-----|-----|-----|
| 13.4 | 13.1 | 12.1 | 12.3 |      | 12.6 | 9.7 | 9.7 | 8.5 | 8.3 |
| 50   | 34   | 18   | 15   | 12.0 | 15   | 22  | 29  | 34  | 50  |

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 15.8 | 14.3 | 13.2 | 13.0 |      | 13.2 | 13.5 | 10.4 | 11.0 | 12.2 |
| 50   | 26   | 18   | 10   | 12.8 | 13   | 17   | 22   | 26   | 50   |

|     |     |     |     |     |     |    |     |     |     |     |
|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 6.9 | 5.1 | 4.3 | 3.1 | 2.0 | 2.8 |    | 3.1 | 0.5 | 2.0 | 2.9 |
| 50  | 34  | 33  | 26  | 19  | 12  | 24 | 14  | 23  | 38  | 50  |

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8.4 | 6.1 | 5.1 | 4.2 | 3.0 | 3.5 |     | 3.3 | 3.6 | 1.5 | 1.9 | 2.8 |
| 50  | 33  | 32  | 25  | 19  | 12  | 3.1 | 11  | 14  | 19  | 27  | 50  |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9.3 | 8.3 | 6.8 | 4.1 |     | 4.1 | 4.5 | 2.3 | 2.2 | 2.7 |
| 50  | 33  | 26  | 14  | 3.8 | 12  | 15  | 21  | 39  | 50  |

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8.4 | 7.1 | 6.5 | 4.8 |     | 5.1 | 5.5 | 3.7 | 3.4 |
| 50  | 27  | 21  | 16  | 4.6 | 12  | 15  | 29  | 50  |

Sp. ke "H" T.P. 21' Rt. 16 + 45

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 6.4 | 6.4 | 5.0 | 4.7 |     | 4.9 | 8.4 | 8.3 | 7.6 |
| 50  | 38  | 18  | 12  | 4.6 | 14  | 23  | 36  | 50  |

|     |     |     |     |     |     |      |      |
|-----|-----|-----|-----|-----|-----|------|------|
| 6.6 | 7.0 | 7.5 | 5.7 |     | 5.9 | 11.2 | 11.7 |
| 50  | 27  | 19  | 14  | 5.4 | 15  | 25   | 50   |

|     |     |     |     |     |     |     |      |      |
|-----|-----|-----|-----|-----|-----|-----|------|------|
| 7.6 | 7.4 | 8.3 | 8.7 | 6.7 |     | 6.8 | 12.4 | 14.6 |
| 50  | 41  | 35  | 20  | 14  | 6.3 | 15  | 27   | 50   |

| Sta.    |               | $\Sigma$ | -    | Elev.  |
|---------|---------------|----------|------|--------|
|         |               | 958.13   |      |        |
| 17+65   |               |          | 6.8  |        |
| 18      |               |          | 7.4  |        |
| +25     |               |          | 7.5  |        |
| T.P.    | 5.28          | 954.91   | 8.50 | 949.63 |
| +60     |               |          | 5.2  |        |
| 19      |               |          | 5.2  |        |
| +50     |               |          | 5.3  |        |
| +69     |               |          | 5.2  |        |
| +74     |               |          | 5.2  |        |
| +81     |               |          | 5.2  |        |
| Profile | St. Croix St. |          |      |        |
| 20      |               |          | 5.2  |        |
| T.P.    | 5.45          | 955.17   | 5.19 | 949.72 |
| +16     |               |          | 5.4  |        |
| +50     |               |          | 5.4  |        |



Lt.

£

Rt.

7.9 8.3 9.3 7.3 7.6 11.6 13.4 14.3  
50 38 20 15 68 74 24 30 50

8.6 8.9 9.0 7.8 7.8 10.7 11.4 12.9  
50 33 21 14 7.4 15 24 34 50

8.9 9.1 8.9 8.1 8.0 10.0 9.1 10.3 10.4  
50 28 21 76 7.5 15 21.23 25 42 50

6.6 6.6 6.5 5.7 5.5 6.9 6.3 6.4 6.6  
50 31 21 15 5.2 13 16 18 34 50

6.8 6.6 5.8 6.5 6.0 5.6 6.4 5.8 5.5 5.4  
50 36 25 24 21 5.2 13 16 18 32 50

6.4 5.9 5.3 6.4 6.0 5.6 5.5 5.9 5.4 5.0 5.0  
50 31 25 23 19 12 5.3 12 16 19 37 50

6.4 5.9 5.5 6.1 5.4 5.5 6.1 5.2 4.9 4.7  
50 39 24 21 70 5.2 11 16 18 30 50

7.2 6.8 6.0 5.5 5.5 6.1 5.2 4.9 4.7  
50 38 23 72 5.2 11 16 18 30 50

6.2 5.8 5.5 6.1 5.2 4.9 4.7  
50 29 5.2 11 16 18 30 50

7.8 7.2 6.8 6.4 6.0 5.6  
300 250 200 150 100 50 5.2

5.7 5.4 5.6 6.1 4.6 4.3 4.3  
50 27 5.2 14 15 18 32 50

020

6.8 6.6 6.2 5.6 5.7 6.1 4.4 4.1 4.3  
50 40 23 10 5.4 13 15 18 35 50

5.8 5.0 4.2 5.7 5.8 3.9 3.7 4.1  
50 35 21 76 5.4 13 19 29 50

| S/o.               | +    | ⌞      | -    | Elev.  |
|--------------------|------|--------|------|--------|
|                    |      | 955.17 |      |        |
| 21                 |      |        | 5.3  |        |
|                    | +50  |        | 5.2  |        |
| 22                 |      |        | 5.0  |        |
|                    | +50  |        | 5.0  |        |
| 23                 |      |        | 4.7  |        |
| Profile S. Stevens |      |        |      |        |
|                    | +50  |        | 4.5  |        |
| 24                 |      |        | 4.4  |        |
| T.P.               | 5.40 | 956.20 | 4.37 | 950.80 |
|                    | +50  |        | 5.0  |        |
| 25                 |      |        | 5.3  |        |
|                    | +50  |        | 5.3  |        |
| 26                 |      |        | 5.3  |        |
|                    | +50  |        | 5.2  |        |

Lt.

X

Rt.

$\frac{4.9}{50}$   $\frac{3.9}{28}$   $\frac{4.4}{19}$   $\frac{5.5}{15}$   $\frac{5.3}{5.3}$   $\frac{5.7}{14}$   $\frac{4.2}{18}$   $\frac{4.0}{29}$   $\frac{4.1}{50}$

$\frac{5.7}{50}$   $\frac{4.8}{28}$   $\frac{5.0}{20}$   $\frac{5.4}{18}$   $\frac{5.2}{5.2}$   $\frac{5.6}{16}$   $\frac{4.7}{18}$   $\frac{4.6}{29}$   $\frac{4.7}{50}$

$\frac{6.0}{50}$   $\frac{5.4}{33}$   $\frac{5.4}{20}$   $\frac{5.4}{16}$   $\frac{5.0}{5.0}$   $\frac{5.6}{16}$   $\frac{5.1}{19}$   $\frac{5.1}{32}$   $\frac{5.4}{50}$

$\frac{5.8}{50}$   $\frac{5.1}{24}$   $\frac{5.3}{17}$   $\frac{5.0}{5.0}$   $\frac{5.6}{16}$   $\frac{5.1}{18}$   $\frac{5.2}{30}$   $\frac{5.6}{50}$

$\frac{5.6}{50}$   $\frac{5.1}{25}$   $\frac{5.6}{21}$   $\frac{4.8}{10}$   $\frac{4.7}{4.7}$   $\frac{5.1}{15}$   $\frac{4.3}{17}$   $\frac{4.5}{31}$   $\frac{4.9}{50}$

$\frac{5.3}{300}$   $\frac{5.4}{250}$   $\frac{5.4}{200}$   $\frac{5.5}{150}$   $\frac{5.4}{100}$   $\frac{5.3}{50}$   $\frac{4.6}{4.6}$

$\frac{5.3}{50}$   $\frac{4.6}{34}$   $\frac{5.1}{23}$   $\frac{4.8}{13}$   $\frac{4.5}{4.5}$   $\frac{4.9}{15}$   $\frac{4.0}{18}$   $\frac{3.7}{29}$   $\frac{4.1}{50}$

$\frac{5.2}{50}$   $\frac{5.1}{35}$   $\frac{4.7}{26}$   $\frac{5.1}{16}$   $\frac{4.4}{4.4}$   $\frac{4.8}{14}$   $\frac{4.4}{17}$   $\frac{3.8}{31}$   $\frac{4.3}{50}$

$\frac{6.2}{50}$   $\frac{5.7}{26}$   $\frac{6.3}{22}$   $\frac{6.4}{17}$   $\frac{5.7}{12}$   $\frac{5.4}{5.4}$   $\frac{5.7}{15}$   $\frac{5.0}{17}$   $\frac{5.0}{29}$   $\frac{5.2}{50}$

$\frac{6.0}{50}$   $\frac{6.0}{39}$   $\frac{5.8}{25}$   $\frac{6.3}{22}$   $\frac{5.5}{15}$   $\frac{5.3}{5.3}$   $\frac{5.6}{15}$   $\frac{5.0}{18}$   $\frac{4.9}{33}$   $\frac{5.3}{50}$

$\frac{8.3}{50}$   $\frac{7.3}{32}$   $\frac{7.1}{21}$   $\frac{6.4}{18}$   $\frac{5.6}{12}$   $\frac{5.3}{5.3}$   $\frac{5.7}{16}$   $\frac{4.9}{31}$   $\frac{4.8}{50}$

$\frac{8.4}{50}$   $\frac{7.4}{32}$   $\frac{6.6}{20}$   $\frac{5.5}{15}$   $\frac{5.6}{5.6}$   $\frac{4.1}{15}$   $\frac{3.2}{19}$   $\frac{3.3}{32}$   $\frac{3.3}{50}$

$\frac{4.7}{50}$   $\frac{4.1}{36}$   $\frac{3.8}{20}$   $\frac{5.6}{13}$   $\frac{5.2}{5.2}$   $\frac{5.7}{16}$   $\frac{2.7}{20}$   $\frac{2.9}{50}$

| Sta.  | +              | $\pi$  | -    | Elev.         |
|-------|----------------|--------|------|---------------|
|       |                | 956.20 |      |               |
| 26+97 |                |        | 5.7  |               |
| 27    |                |        | 5.8  |               |
| +50   |                |        | 6.6  |               |
| +77   |                |        | 7.1  |               |
| 28    |                |        | 7.5  |               |
| + 17  |                |        | 7.8  |               |
| B.M.  | 5.95           | 953.13 | 9.02 | 947.18 947.16 |
| +50   |                |        | 5.1  |               |
| +86   | Sec. 18" Conc. |        | 5.4  |               |
| 29+50 |                |        | 5.4  |               |
| +50   |                |        | 5.3  |               |
| +70   |                |        | 5.3  |               |
| 30    |                |        | 5.1  |               |

Lt.

K

Rt.

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9.0 | 3.9 | 2.4 | 2.7 | 6.0 |     | 6.5 | 2.4 | 2.3 |
| 50  | 37  | 32  | 25  | 19  | 5.7 | 76  | 21  | 50  |

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 4.0 | 4.5 | 6.2 |     | 6.5 | 2.4 | 2.3 |
| 50  | 21  | 19  | 5.8 | 16  | 21  | 50  |

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 4.1 | 4.4 | 4.8 | 6.9 |     | 6.9 | 1.8 | 2.6 |
| 50  | 33  | 18  | 13  | 6.6 | 76  | 21  | 50  |

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 4.8 | 5.5 | 7.6 |     | 7.7 | 3.5 | 3.7 | 3.8 |
| 50  | 20  | 13  | 7.1 | 15  | 20  | 38  | 50  |

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 9.6 | 8.3 | 7.9 | 7.9 |     | 8.0 | 7.7 | 7.3 |
| 50  | 35  | 22  | 13  | 7.5 | 15  | 31  | 50  |

|      |      |     |     |     |      |      |     |
|------|------|-----|-----|-----|------|------|-----|
| 12.0 | 11.3 | 8.3 |     | 8.2 | 10.2 | 11.1 | 9.6 |
| 50   | 23   | 15  | 7.8 | 15  | 23   | 40   | 50  |

Spike T.P. 28 Rt 29+70

|      |      |     |     |     |     |     |      |      |      |
|------|------|-----|-----|-----|-----|-----|------|------|------|
| 11.8 | 11.3 | 6.0 | 5.4 |     | 5.6 | 7.2 | 11.3 | 11.6 | 11.5 |
| 50   | 24   | 14  | 10  | 5.1 | 14  | 20  | 26   | 32   | 50   |

|      |      |      |      |      |     |      |      |        |      |      |
|------|------|------|------|------|-----|------|------|--------|------|------|
| 12.2 | 13.4 | 14.3 | 12.4 | 6.0  | 6.2 | 11.9 | 13.4 | (F.L.) | 14.0 | 14.1 |
| 50   | 30   | (26) | 24   | 12.5 | 16  | 27   | 31   | (31)   | 40   | 50   |

|      |      |      |     |     |     |      |      |      |
|------|------|------|-----|-----|-----|------|------|------|
| 12.4 | 12.7 | 12.9 | 6.0 |     | 5.8 | 11.7 | 13.6 | 14.3 |
| 50   | 35   | 25   | 12  | 5.4 | 14  | 24   | 30   | 50   |

|     |     |     |     |     |     |     |     |     |      |      |      |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|----|
| 5.8 | 7.0 | 7.0 | 7.8 | 8.9 | 6.1 | 5.5 | 5.6 | 6.0 | 12.3 | 13.0 | 13.2 |    |
| 50  | 44  | 32  | 30  | 21  | 15  | 10  | 5.3 | 12  | 17   | 29   | 39   | 50 |

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4.0 | 4.2 | 5.5 | 5.5 |     | 5.5 | 6.1 | 7.9 | 7.5 |
| 50  | 32  | 29  | 10  | 5.3 | 12  | 16  | 25  | 50  |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.9 | 0.6 | 5.2 | 5.3 |     | 5.2 | 5.6 | 1.1 | 2.1 | 4.0 |
| 50  | 30  | 20  | 12  | 5.1 | 10  | 16  | 21  | 38  | 50  |



| Sta.    | +     | $\pi$  | -    | Elev.  |
|---------|-------|--------|------|--------|
|         |       | 953.13 |      |        |
| 30 + 31 |       |        | 4.8  |        |
| + 65    |       |        | 4.6  |        |
| 31      |       |        | 4.2  |        |
| + 31    |       |        | 4.2  |        |
| + 66    |       |        | 3.9  |        |
| 32      |       |        | 3.3  |        |
| T.P.    | 6.26  | 956.32 | 3.07 | 950.06 |
| + 33    |       |        | 5.8  |        |
| + 50    |       |        | 5.2  |        |
| T.P.    | 11.42 | 964.81 | 2.93 | 953.39 |
| 33      |       |        | 12.7 |        |
| + 25    |       |        | 12.2 |        |
| + 57    |       |        | 11.4 |        |
| 34      |       |        | 10.7 |        |

L4.

L

R1.

$$\begin{array}{r} 2.9 \\ 50 \end{array} \quad \begin{array}{r} 1.5 \\ 42 \end{array} \quad \begin{array}{r} 12.5 \\ 33 \end{array} \quad \begin{array}{r} 5.0 \\ 25 \end{array} \quad \begin{array}{r} 5.0 \\ 12 \end{array} \quad \begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 4.5 \\ 18 \end{array} \quad \begin{array}{r} +1.5 \\ 25 \end{array} \quad \begin{array}{r} 0.0 \\ 50 \end{array}$$

$$\begin{array}{r} 5.7 \\ 50 \end{array} \quad \begin{array}{r} 5.4 \\ 26 \end{array} \quad \begin{array}{r} 4.8 \\ 10 \end{array} \quad \begin{array}{r} 4.7 \\ 10 \end{array} \quad \begin{array}{r} 4.9 \\ 14 \end{array} \quad \begin{array}{r} 5.0 \\ 27 \end{array} \quad \begin{array}{r} 5.1 \\ 38 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array}$$

$$\begin{array}{r} 7.5 \\ 50 \end{array} \quad \begin{array}{r} 7.3 \\ 32 \end{array} \quad \begin{array}{r} 6.7 \\ 22 \end{array} \quad \begin{array}{r} 5.0 \\ 15 \end{array} \quad \begin{array}{r} 4.5 \\ 12 \end{array} \quad \begin{array}{r} 5.0 \\ 16 \end{array} \quad \begin{array}{r} 8.8 \\ 24 \end{array} \quad \begin{array}{r} 9.2 \\ 30 \end{array} \quad \begin{array}{r} 8.6 \\ 40 \end{array} \quad \begin{array}{r} 8.1 \\ 50 \end{array}$$

$$\begin{array}{r} 11.7 \\ 50 \end{array} \quad \begin{array}{r} 11.2 \\ 28 \end{array} \quad \begin{array}{r} 5.1 \\ 15 \end{array} \quad \begin{array}{r} 4.4 \\ 11 \end{array} \quad \begin{array}{r} 4.4 \\ 42 \end{array} \quad \begin{array}{r} 4.8 \\ 12 \end{array} \quad \begin{array}{r} 8.6 \\ 16 \end{array} \quad \begin{array}{r} 6.8 \\ 23-26 \end{array} \quad \begin{array}{r} 7.0 \\ 28 \end{array} \quad \begin{array}{r} 7.4 \\ 42 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array}$$

$$\begin{array}{r} 11.7 \\ 50 \end{array} \quad \begin{array}{r} 11.7 \\ 36 \end{array} \quad \begin{array}{r} 10.9 \\ 27 \end{array} \quad \begin{array}{r} 5.1 \\ 17 \end{array} \quad \begin{array}{r} 4.3 \\ 12 \end{array} \quad \begin{array}{r} 4.1 \\ 39 \end{array} \quad \begin{array}{r} 4.3 \\ 11 \end{array} \quad \begin{array}{r} 4.9 \\ 16 \end{array} \quad \begin{array}{r} 6.4 \\ 21 \end{array} \quad \begin{array}{r} 6.4 \\ 29 \end{array} \quad \begin{array}{r} 7.5 \\ 41 \end{array} \quad \begin{array}{r} 6.7 \\ 43 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array}$$

$$\begin{array}{r} 11.7 \\ 50 \end{array} \quad \begin{array}{r} 11.5 \\ 31 \end{array} \quad \begin{array}{r} 10.8 \\ 27 \end{array} \quad \begin{array}{r} 4.7 \\ 18 \end{array} \quad \begin{array}{r} 3.8 \\ 13 \end{array} \quad \begin{array}{r} 3.3 \\ 3.3 \end{array} \quad \begin{array}{r} 3.5 \\ 11 \end{array} \quad \begin{array}{r} 3.6 \\ 18 \end{array} \quad \begin{array}{r} 6.7 \\ 23 \end{array} \quad \begin{array}{r} 6.5 \\ 27 \end{array} \quad \begin{array}{r} 5.6 \\ 32 \end{array} \quad \begin{array}{r} 4.9 \\ 50 \end{array}$$

T.P. R1 32+

$$\begin{array}{r} 14.5 \\ 50 \end{array} \quad \begin{array}{r} 14.1 \\ 34 \end{array} \quad \begin{array}{r} 13.1 \\ 28 \end{array} \quad \begin{array}{r} 6.8 \\ 17 \end{array} \quad \begin{array}{r} 6.1 \\ 11 \end{array} \quad \begin{array}{r} 5.8 \\ 5.8 \end{array} \quad \begin{array}{r} 6.0 \\ 12 \end{array} \quad \begin{array}{r} 6.2 \\ 16 \end{array} \quad \begin{array}{r} 7.9 \\ 20 \end{array} \quad \begin{array}{r} 8.1 \\ 29 \end{array} \quad \begin{array}{r} 6.3 \\ 39 \end{array} \quad \begin{array}{r} 4.3 \\ 50 \end{array}$$

$$\begin{array}{r} 14.1 \\ 50 \end{array} \quad \begin{array}{r} 12.9 \\ 34 \end{array} \quad \begin{array}{r} 10.9 \\ 26 \end{array} \quad \begin{array}{r} 6.5 \\ 18 \end{array} \quad \begin{array}{r} 5.6 \\ 12 \end{array} \quad \begin{array}{r} 5.4 \\ 5.4 \end{array} \quad \begin{array}{r} 5.5 \\ 12 \end{array} \quad \begin{array}{r} 6.2 \\ 17 \end{array} \quad \begin{array}{r} 5.2 \\ 26 \end{array} \quad \begin{array}{r} 2.5 \\ 35 \end{array} \quad \begin{array}{r} 2.3 \\ 50 \end{array}$$

$$\begin{array}{r} 14.5 \\ 50 \end{array} \quad \begin{array}{r} 12.6 \\ 34 \end{array} \quad \begin{array}{r} 10.6 \\ 22 \end{array} \quad \begin{array}{r} 12.4 \\ 18 \end{array} \quad \begin{array}{r} 13.0 \\ 16 \end{array} \quad \begin{array}{r} 13.1 \\ 13 \end{array} \quad \begin{array}{r} 12.7 \\ 12.7 \end{array} \quad \begin{array}{r} 12.8 \\ 10 \end{array} \quad \begin{array}{r} 12.3 \\ 15 \end{array} \quad \begin{array}{r} 10.2 \\ 21 \end{array}$$

$$\begin{array}{r} 11.5 \\ 50 \end{array} \quad \begin{array}{r} 9.3 \\ 33 \end{array} \quad \begin{array}{r} 8.1 \\ 23 \end{array} \quad \begin{array}{r} 12.8 \\ 16 \end{array} \quad \begin{array}{r} 12.4 \\ 11 \end{array} \quad \begin{array}{r} 12.2 \\ 12.2 \end{array} \quad \begin{array}{r} 12.1 \\ 11 \end{array} \quad \begin{array}{r} 10.1 \\ 19 \end{array}$$

$$\begin{array}{r} 12.7 \\ 50 \end{array} \quad \begin{array}{r} 11.7 \\ 42 \end{array} \quad \begin{array}{r} 10.4 \\ 35 \end{array} \quad \begin{array}{r} 8.2 \\ 20 \end{array} \quad \begin{array}{r} 11.6 \\ 15 \end{array} \quad \begin{array}{r} 11.7 \\ 13 \end{array} \quad \begin{array}{r} 11.4 \\ 11.4 \end{array} \quad \begin{array}{r} 10.4 \\ 18 \end{array} \quad \begin{array}{r} 8.3 \\ 21 \end{array}$$

$$\begin{array}{r} 13.3 \\ 50 \end{array} \quad \begin{array}{r} 12.5 \\ 39 \end{array} \quad \begin{array}{r} 11.6 \\ 36 \end{array} \quad \begin{array}{r} 10.4 \\ 18 \end{array} \quad \begin{array}{r} 11.0 \\ 14 \end{array} \quad \begin{array}{r} 10.9 \\ 12 \end{array} \quad \begin{array}{r} 10.7 \\ 10.7 \end{array} \quad \begin{array}{r} 10.5 \\ 11 \end{array} \quad \begin{array}{r} 6.3 \\ 14 \end{array} \quad \begin{array}{r} 2.1 \\ 21 \end{array}$$

| Sta. | +    | $\pi$  | -    | Elev.  |
|------|------|--------|------|--------|
|      |      | 964.81 |      |        |
| 34   | +50  |        | 9.8  |        |
| 35   |      |        | 8.9  |        |
| T.P. | 5.36 | 964.50 | 5.67 | 959.14 |
|      | +50  |        | 7.5  |        |
| 36   |      |        | 6.8  |        |
|      | +50  |        | 6.2  |        |
| 37   |      |        | 5.6  |        |
|      | +50  |        | 5.4  |        |
| 38   |      |        | 5.3  |        |
|      | +24  |        | 5.3  |        |
|      | +50  |        | 5.1  |        |
|      | +85  |        | 4.8  |        |
| 39   |      |        | 4.6  |        |

Lt.

L

Rt.

|      |      |     |     |      |     |      |     |     |
|------|------|-----|-----|------|-----|------|-----|-----|
| 12.7 | 10.9 | 9.3 | 9.9 | 10.1 |     | 10.1 | 9.9 | 5.5 |
| 50   | 29   | 16  | 14  | 13   | 9.8 | 11   | 15  | 21  |

|      |      |      |     |     |     |     |     |     |
|------|------|------|-----|-----|-----|-----|-----|-----|
| 12.2 | 11.6 | 11.0 | 8.9 | 7.4 | 9.3 | 8.7 | 8.1 | 7.0 |
| 50   | 38   | 36   | 24  | 17  | 13  | 8.9 | 11  | 15  |

p2 Rt - 35-

|     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9.3 | 8.3 | 6.6 | 4.7 | 7.7 | 7.8 |     | 7.5 | 7.5 | 7.3 | 3.3 |
| 50  | 39  | 32  | 19  | 13  | 12  | 7.5 | 10  | 13  | 21  |     |

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 6.1 | 4.7 | 3.4 | 7.1 | 7.0 |     | 6.7 | 6.5 |
| 50  | 38  | 19  | 14  | 12  | 6.8 | 11  | 15  |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5.7 | 5.0 | 4.2 | 6.5 | 6.4 |     | 6.3 | 6.2 | 3.1 | 2.3 |
| 50  | 34  | 18  | 15  | 13  | 6.2 | 11  | 14  | 20  | 24  |

|     |     |     |     |     |     |     |     |       |
|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 8.1 | 6.6 | 5.8 | 5.2 | 6.2 | 6.1 |     | 5.9 | 6.3   |
| 50  | 34  | 26  | 18  | 16  | 13  | 5.6 | 11  | 13-15 |

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9.3 | 8.0 | 7.2 | 6.2 | 6.1 |     | 5.7 | 5.9 | 7.1 | 7.0 | 5.6 | 4.0 |
| 50  | 39  | 27  | 17  | 14  | 5.4 | 10  | 15  | 18  | 25  | 37  | 50  |

|     |      |      |      |     |     |     |     |     |     |     |     |     |
|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9.7 | 10.5 | 10.4 | 10.6 | 6.1 | 5.7 |     | 5.7 | 9.1 | 9.6 | 8.6 | 7.4 | 6.5 |
| 50  | 45   | 35   | 25   | 16  | 12  | 5.3 | 15  | 23  | 26  | 32  | 42  | 50  |

|     |      |     |     |     |     |     |     |      |      |      |     |
|-----|------|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| 8.4 | 10.1 | 9.9 | 6.3 | 5.6 |     | 5.5 | 5.8 | 10.3 | 10.7 | 10.1 | 9.4 |
| 50  | 34   | 24  | 17  | 12  | 5.3 | 11  | 17  | 24   | 32   | 42   | 50  |

|     |     |     |     |     |     |     |     |     |      |      |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| 4.3 | 7.1 | 8.8 | 9.9 | 6.0 | 5.4 |     | 5.3 | 5.9 | 10.0 | 10.3 | 8.3 |
| 50  | 42  | 30  | 24  | 16  | 12  | 5.1 | 11  | 16  | 23   | 32   | 50  |

|     |     |     |     |    |     |     |  |     |     |
|-----|-----|-----|-----|----|-----|-----|--|-----|-----|
| 6.4 | 5.3 | 5.4 | 5.2 |    | 5.0 | 5.2 |  | 5.2 | 4.1 |
| 50  | 37  | 18  | 13  | 18 | 11  | 15  |  | 33  | 50  |

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 5.6 | 4.6 | 4.8 |     | 4.9 | 4.6 |
| 50  | 32  | 13  | 4.6 | 12  | 13  |

| Sta. | L | A | - | Elev. |
|------|---|---|---|-------|
|------|---|---|---|-------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 964.50 |  |  |
|--|--|--------|--|--|

|        |       |        |      |        |
|--------|-------|--------|------|--------|
| 5.9450 |       |        | 42   |        |
| T.P.   | 13.40 | 972.54 | 5.36 | 959.14 |
| T.P.   | 10.97 | 976.12 | 7.39 | 965.15 |

33

+25

+57

34

+50

35

+50

36

+50

37

39



Lt.

L

Rt.

$\frac{8.1}{50}$     $\frac{7.6}{33}$     $\frac{7.1}{23}$     $\frac{5.0}{15}$     $\frac{4.6}{13}$     $4.2$     $\frac{4.4}{11}$     $\frac{4.7}{16}$     $\frac{2.8}{19}$

$\frac{14.0}{30}$     $\frac{11.8}{37}$     $\frac{12.0}{50}$     $\frac{12.4}{75}$     $\frac{12.7}{100}$

$\frac{11.4}{31}$     $\frac{10.2}{36}$     $\frac{10.4}{50}$     $\frac{10.8}{75}$     $\frac{10.6}{100}$

$\frac{11.3}{31}$     $\frac{10.5}{38}$     $\frac{10.7}{50}$     $\frac{10.1}{75}$     $\frac{9.3}{100}$

$\frac{13.8}{25}$     $\frac{12.8}{31}$     $\frac{11.4}{36}$     $\frac{10.6}{50}$     $\frac{9.3}{75}$     $\frac{8.0}{100}$

$\frac{16.8}{23}$     $\frac{14.9}{31}$     $\frac{13.3}{39}$     $\frac{12.6}{50}$     $\frac{9.0}{75}$     $\frac{7.1}{100}$

$\frac{11.5}{27}$     $\frac{9.5}{35}$     $\frac{7.6}{50}$     $\frac{5.0}{75}$     $\frac{3.9}{100}$

$\frac{8.8}{27}$     $\frac{7.2}{35}$     $\frac{6.4}{40}$     $\frac{5.6}{50}$     $\frac{3.4}{75}$     $\frac{1.3}{100}$

$\frac{8.4}{29}$     $\frac{7.4}{41}$     $\frac{5.6}{50}$     $\frac{2.4}{75}$     $\frac{0.9}{100}$

$\frac{10.3}{30}$     $\frac{8.2}{50}$     $\frac{3.9}{75}$     $\frac{1.9}{100}$

$\frac{13.7}{20}$     $\frac{11.4}{36}$     $\frac{9.7}{50}$     $\frac{6.2}{75}$

$\frac{11.6}{21}$     $\frac{11.8}{36}$     $\frac{13.6}{50}$     $\frac{14.3}{75}$

| Sta.                  | +              | $\pi$            | -       | Elev.  |
|-----------------------|----------------|------------------|---------|--------|
|                       |                | 976.12           |         |        |
| 39+50                 |                |                  |         |        |
| T.P.                  | 0.21           | 969.31           | 7.02    | 969.10 |
| 40                    |                | $\frac{6.0}{-9}$ | 8.2     |        |
| +50                   |                |                  | 7.3     |        |
| 41                    |                |                  | 6.4     |        |
| +32                   |                |                  | 6.0     |        |
| +77                   |                |                  | 5.4     |        |
| 42                    |                |                  | 5.0     |        |
| +06                   | 15" x 58" C.M. |                  | 5.0     | 14.2   |
| +50                   |                |                  | 4.4     |        |
| T.P.                  | 7.48           | 975.91           | 0.88    | 968.43 |
| 43                    |                |                  | 10.0    |        |
| 12.4' T.I. 31' Rt +42 |                |                  | (12.82) |        |
| +33                   |                |                  | 9.4     |        |
| +69                   |                |                  | 8.6     |        |

Lt. £ Rt.

$\frac{11.3}{35}$   $\frac{9.0}{50}$   $\frac{7.0}{75}$

$\frac{9.6}{50}$   $\frac{10.6}{33}$   $\frac{10.4}{22}$   $\frac{9.4}{18}$   $\frac{8.6}{13}$   $\frac{8.5}{82}$   $\frac{8.8}{17}$   $\frac{4.9}{23}$   $\frac{5.0}{38}$   $\frac{2.9}{50}$

$\frac{4.9}{50}$   $\frac{5.8}{37}$   $\frac{6.7}{29}$   $\frac{2.8}{17}$   $\frac{7.5}{13}$   $\frac{2.5}{73}$   $\frac{5.0}{12}$   $\frac{3.7}{15}$   $\frac{2.6}{17}$   $\frac{1.2}{50}$

$\frac{3.8}{50}$   $\frac{3.6}{33}$   $\frac{3.1}{22}$   $\frac{6.9}{15}$   $\frac{6.6}{11}$   $\frac{6.7}{64}$   $\frac{7.4}{12}$   $\frac{4.8}{15}$   $\frac{4.3}{17}$   $\frac{2.8}{50}$

$\frac{5.6}{50}$   $\frac{4.4}{28}$   $\frac{3.7}{20}$   $\frac{6.3}{16}$   $\frac{6.2}{12}$   $\frac{6.2}{6.0}$   $\frac{6.8}{11}$   $\frac{4.7}{14}$   $\frac{5.5}{16}$   $\frac{6.5}{50}$

$\frac{11.2}{50}$   $\frac{9.7}{37}$   $\frac{9.5}{31}$   $\frac{8.6}{21}$   $\frac{6.1}{16}$   $\frac{5.7}{13}$   $\frac{5.9}{5.4}$   $\frac{6.5}{12}$   $\frac{10.4}{16}$   $\frac{11.7}{24}$   $\frac{13.1}{35}$   $\frac{13.1}{50}$

$\frac{10.6}{50}$   $\frac{10.5}{35}$   $\frac{10.1}{28}$   $\frac{8.8}{22}$   $\frac{5.7}{14}$   $\frac{5.6}{5.0}$   $\frac{6.3}{12}$   $\frac{12.5}{17}$   $\frac{14.5}{27}$   $\frac{14.5}{50}$

54.80  
FL  
 $\frac{10.7}{50}$   $\frac{10.7}{41}$   $\frac{11.8}{36}$   $\frac{13.9}{34}$   $\frac{14.2}{31}$   $\frac{14.5}{21}$   $\frac{5.3}{13}$   $\frac{5.5}{50}$   $\frac{6.4}{13}$   $\frac{15.76}{17}$   $\frac{15.0}{27}$   $\frac{15.5}{28}$   $\frac{15.5}{50}$

$\frac{6.5}{50}$   $\frac{7.4}{35}$   $\frac{7.5}{30}$   $\frac{7.5}{22}$   $\frac{5.0}{17}$   $\frac{4.5}{11}$   $\frac{4.9}{41}$   $\frac{5.5}{12}$   $\frac{10.8}{16}$   $\frac{11.7}{27}$   $\frac{13.0}{38}$   $\frac{13.0}{50}$

O.C.F.B.P. Rt 42+

$\frac{10.7}{50}$   $\frac{10.8}{40}$   $\frac{11.0}{33}$   $\frac{9.9}{18}$   $\frac{10.2}{13}$   $\frac{14.5}{100}$   $\frac{12.0}{14}$   $\frac{14.2}{21}$   $\frac{16.7}{35}$   $\frac{16.7}{50}$

$\frac{8.6}{50}$   $\frac{7.9}{40}$   $\frac{7.2}{34}$   $\frac{7.0}{27}$   $\frac{6.6}{20}$   $\frac{8.7}{14}$   $\frac{7.8}{9}$   $\frac{10.7}{13}$   $\frac{13.1}{25}$   $\frac{13.5}{40}$   $\frac{13.5}{50}$

$\frac{7.6}{50}$   $\frac{7.4}{43}$   $\frac{6.7}{33}$   $\frac{6.5}{19}$   $\frac{8.8}{14}$   $\frac{9.2}{8.6}$   $\frac{9.8}{14}$   $\frac{9.4}{16}$   $\frac{9.3}{19}$   $\frac{9.3}{29}$   $\frac{9.3}{50}$

| Sta. | + | $\pi$ | - | Elev |
|------|---|-------|---|------|
|------|---|-------|---|------|

975.91

|    |  |  |     |  |
|----|--|--|-----|--|
| 44 |  |  | 8.0 |  |
|----|--|--|-----|--|

|     |  |  |     |  |
|-----|--|--|-----|--|
| +38 |  |  | 7.3 |  |
|-----|--|--|-----|--|

|     |  |  |     |  |
|-----|--|--|-----|--|
| +83 |  |  | 6.6 |  |
|-----|--|--|-----|--|

|    |  |  |     |  |
|----|--|--|-----|--|
| 45 |  |  | 6.3 |  |
|----|--|--|-----|--|

F.L. 4' File 21' Rt +33

952

|     |  |  |     |  |
|-----|--|--|-----|--|
| +38 |  |  | 5.7 |  |
|-----|--|--|-----|--|

|     |  |  |     |  |
|-----|--|--|-----|--|
| +73 |  |  | 5.1 |  |
|-----|--|--|-----|--|

|    |  |  |     |  |
|----|--|--|-----|--|
| 46 |  |  | 4.8 |  |
|----|--|--|-----|--|

|     |  |  |     |  |
|-----|--|--|-----|--|
| +50 |  |  | 3.9 |  |
|-----|--|--|-----|--|

|    |  |  |     |  |
|----|--|--|-----|--|
| 47 |  |  | 3.1 |  |
|----|--|--|-----|--|

|     |  |  |     |  |
|-----|--|--|-----|--|
| +50 |  |  | 2.3 |  |
|-----|--|--|-----|--|

|     |      |        |      |        |
|-----|------|--------|------|--------|
| T.P | 8.23 | 982.10 | 2.04 | 973.87 |
|-----|------|--------|------|--------|

|    |  |  |     |  |
|----|--|--|-----|--|
| 48 |  |  | 7.5 |  |
|----|--|--|-----|--|

|     |  |  |     |  |
|-----|--|--|-----|--|
| +22 |  |  | 7.3 |  |
|-----|--|--|-----|--|

Lt.

Z

Rt.

7.5 5.8 53 47 83 8.4 9.2 8.4 8.0 6.8  
50 36 33 21 14 80 14 16-18 19 25 50

3.7 2.5 2.5 7.5 7.7 8.1 6.2 5.3 5.6 4.8  
50 33 23 14 7.3 14 16-18 24 30 38 50

1.9 1.8 2.6 7.0 6.8 7.0 7.4 4.6 3.8 3.2 3.1  
50 34 22 16 13 6.6 14 16-18 27 30 44 50

2.1 2.6 2.8 4.0 6.7 6.5 6.7 7.2 6.0 5.3 4.7 3.9  
50 40 33 21 16 13 6.3 13 16-18 23 31 42 50

4.1 5.9 6.4 7.4 6.0 6.0 6.7 8.8 8.5 8.5  
50 34 31 24 20 16 5.7 11 18 23 27 50

6.9 8.9 8.8 5.9 5.3 5.5 6.0 8.8 8.5 8.5  
50 33 23 17 13 5.1 13 17 24 26 30 50

8.9 9.4 8.9 5.5 4.9 5.1 5.7 9.0 8.7 8.6  
50 34 25 17 13 4.8 12 17 24 38 50

4.8 5.4 5.9 5.4 4.2 4.3 4.8 6.7 8.0 8.5 8.7  
50 32 21 18 13 3.9 12 15 19 22 33 50

4.7 4.6 4.8 5.1 3.6 3.6 4.1 7.2 7.3 6.3  
50 33 24 20 17 3.1 12 16 23 28 50

4.1 4.6 4.6 3.2 2.7 2.7 3.2 4.7 4.2 3.7 1.4  
50 33 25 19 15 2.3 12 17 19 21 25 32 50

12.2 10.7 8.6 7.0 8.0 8.0 7.9 8.0  
50 42 33 20 19 15 7.5 11 14

12.6 9.0 6.6 7.6 7.4 7.6 7.6  
50 33 23 17 15 7.3 10 15



| Sta.    | +     | $\pi$  | -    | Elev   |
|---------|-------|--------|------|--------|
|         |       | 982.10 |      |        |
| 48 + 65 |       |        | 6.3  |        |
| 49      |       |        | 5.7  |        |
| + 46    |       |        | 5.0  |        |
| + 76    |       |        | 4.7  |        |
| 50      |       |        | 4.5  |        |
| + 55    |       |        | 4.2  |        |
| + 84    |       |        | 4.3  |        |
| 51      |       |        | 4.5  |        |
| + 40    |       |        | 5.4  |        |
| T.R.    | 10.64 | 991.18 | 1.56 | 980.54 |
| 48      |       |        |      |        |
| + 22    |       |        |      |        |
| + 65    |       |        |      |        |

LH.

X

RH

$$\begin{array}{r} 11.7 \\ 50 \end{array} \quad \begin{array}{r} 12.2 \\ 44 \end{array} \quad \begin{array}{r} 77 \\ 33 \end{array} \quad \begin{array}{r} 6.7 \\ 29 \end{array} \quad \begin{array}{r} 4.3 \\ 20 \end{array} \quad \begin{array}{r} 6.5 \\ 17 \end{array} \quad \begin{array}{r} 6.5 \\ 14 \end{array} \quad 6.3 \quad \begin{array}{r} 6.4 \\ 11 \end{array} \quad \begin{array}{r} 6.6 \\ 15 \end{array}$$

$$\begin{array}{r} 9.9 \\ 50 \end{array} \quad \begin{array}{r} 6.5 \\ 34 \end{array} \quad \begin{array}{r} 5.0 \\ 26 \end{array} \quad \begin{array}{r} 3.4 \\ 20 \end{array} \quad \begin{array}{r} 5.8 \\ 16 \end{array} \quad \begin{array}{r} 5.8 \\ 13 \end{array} \quad 5.7 \quad \begin{array}{r} 5.8 \\ 11 \end{array} \quad \begin{array}{r} 6.1 \\ 15 \end{array}$$

$$\begin{array}{r} 8.0 \\ 50 \end{array} \quad \begin{array}{r} 4.9 \\ 32 \end{array} \quad \begin{array}{r} 2.6 \\ 20 \end{array} \quad \begin{array}{r} 5.2 \\ 14 \end{array} \quad 5.0 \quad \begin{array}{r} 5.1 \\ 11 \end{array} \quad \begin{array}{r} 5.4 \\ 15 \end{array}$$

$$\begin{array}{r} 8.7 \\ 50 \end{array} \quad \begin{array}{r} 6.2 \\ 35 \end{array} \quad \begin{array}{r} 4.8 \\ 22 \end{array} \quad \begin{array}{r} 4.5 \\ 18 \end{array} \quad \begin{array}{r} 5.0 \\ 14 \end{array} \quad 4.7 \quad \begin{array}{r} 4.9 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 14 \end{array} \quad 2.7 \quad \begin{array}{r} 1.6 \\ 33 \end{array} \quad \begin{array}{r} 1.0 \\ 50 \end{array}$$

$$\begin{array}{r} 8.5 \\ 50 \end{array} \quad \begin{array}{r} 7.1 \\ 33 \end{array} \quad \begin{array}{r} 6.1 \\ 23 \end{array} \quad \begin{array}{r} 4.4 \\ 20 \end{array} \quad \begin{array}{r} 5.0 \\ 18 \end{array} \quad \begin{array}{r} 4.8 \\ 14 \end{array} \quad 4.5 \quad \begin{array}{r} 4.7 \\ 11 \end{array} \quad \begin{array}{r} 5.0 \\ 14 \end{array} \quad 2.9 \quad \begin{array}{r} 1.8 \\ 34 \end{array} \quad \begin{array}{r} 1.2 \\ 50 \end{array}$$

$$\begin{array}{r} 1.7 \\ 20 \end{array} \quad \begin{array}{r} 3.7 \\ 17 \end{array} \quad \begin{array}{r} 4.4 \\ 13 \end{array} \quad 4.2 \quad \begin{array}{r} 4.4 \\ 12 \end{array} \quad \begin{array}{r} 4.2 \\ 17 \end{array} \quad \begin{array}{r} 1.9 \\ 20 \end{array}$$

$$\begin{array}{r} 3.7 \\ 17 \end{array} \quad \begin{array}{r} 4.4 \\ 13 \end{array} \quad 4.3 \quad \begin{array}{r} 4.4 \\ 13 \end{array} \quad \begin{array}{r} 3.8 \\ 17 \end{array} \quad \begin{array}{r} 1.9 \\ 20 \end{array}$$

$$\begin{array}{r} 4.1 \\ 17 \end{array} \quad \begin{array}{r} 4.6 \\ 13 \end{array} \quad 4.5 \quad \begin{array}{r} 4.6 \\ 12 \end{array} \quad \begin{array}{r} 4.1 \\ 17 \end{array}$$

$$\begin{array}{r} 7.9 \\ 50 \end{array} \quad \begin{array}{r} 5.7 \\ 33 \end{array} \quad \begin{array}{r} 4.0 \\ 22 \end{array} \quad \begin{array}{r} 5.4 \\ 18 \end{array} \quad \begin{array}{r} 5.5 \\ 13 \end{array} \quad 5.4 \quad \begin{array}{r} 5.6 \\ 13 \end{array} \quad \begin{array}{r} 5.6 \\ 17 \end{array}$$

$$\begin{array}{r} 12.5 \\ 21 \end{array} \quad \begin{array}{r} 11.5 \\ 30 \end{array} \quad \begin{array}{r} 9.9 \\ 50 \end{array} \quad \begin{array}{r} 11.8 \\ 75 \end{array}$$

$$\begin{array}{r} 8.7 \\ 25 \end{array} \quad \begin{array}{r} 8.0 \\ 40 \end{array} \quad \begin{array}{r} 8.1 \\ 50 \end{array} \quad \begin{array}{r} 10.7 \\ 75 \end{array}$$

$$\begin{array}{r} 7.0 \\ 26 \end{array} \quad \begin{array}{r} 7.2 \\ 40 \end{array} \quad \begin{array}{r} 7.9 \\ 50 \end{array} \quad \begin{array}{r} 10.4 \\ 75 \end{array}$$

| Sta.     | L    | $\Sigma$ | -     | Elev.         |
|----------|------|----------|-------|---------------|
|          |      | 991.18   |       |               |
| 49       |      |          |       |               |
| +46      |      |          |       |               |
| 50. + 55 |      |          |       |               |
| +84      |      |          |       |               |
| 51       |      |          |       |               |
| +40      |      |          |       |               |
| T.P.     | 0.48 | 978.91   | 12.75 | 978.43        |
| +79      |      |          | 33    |               |
| 52       |      |          | 4.1   |               |
| +32      |      |          | 5.0   |               |
| +60      |      |          | 5.8   |               |
| +82      |      |          | 6.0   |               |
| +91      |      |          | 5.9   |               |
| BM       | 2.25 | 975.18   | 5.98  | 972.93 972.88 |

LH.

Z

RH.

$$\begin{array}{r} 7.1 \\ 26 \end{array} \quad \begin{array}{r} 7.0 \\ 40 \end{array} \quad \begin{array}{r} 7.6 \\ 50 \end{array} \quad \begin{array}{r} 8.9 \\ 75 \end{array}$$

$$\begin{array}{r} 8.1 \\ 21 \end{array} \quad \begin{array}{r} 8.6 \\ 37 \end{array} \quad \begin{array}{r} 8.6 \\ 50 \end{array} \quad \begin{array}{r} 8.7 \\ 75 \end{array}$$

$$\begin{array}{r} 11.2 \\ 50 \end{array} \quad \begin{array}{r} 8.7 \\ 33 \end{array} \quad \begin{array}{r} 7.0 \\ 26 \end{array}$$

$$\begin{array}{r} 4.0 \\ 27 \end{array} \quad \begin{array}{r} 3.6 \\ 50 \end{array} \quad \begin{array}{r} 4.5 \\ 75 \end{array}$$

$$\begin{array}{r} 11.6 \\ 50 \end{array} \quad \begin{array}{r} 7.7 \\ 33 \end{array} \quad \begin{array}{r} 6.0 \\ 26 \end{array}$$

$$\begin{array}{r} 4.6 \\ 27 \end{array} \quad \begin{array}{r} 1.8 \\ 50 \end{array} \quad \begin{array}{r} 4.2 \\ 75 \end{array}$$

$$\begin{array}{r} 12.3 \\ 50 \end{array} \quad \begin{array}{r} 8.3 \\ 33 \end{array} \quad \begin{array}{r} 6.9 \\ 26 \end{array}$$

$$\begin{array}{r} 6.2 \\ 26 \end{array} \quad \begin{array}{r} 3.8 \\ 47 \end{array} \quad \begin{array}{r} 3.6 \\ 54 \end{array} \quad \begin{array}{r} 6.1 \\ 75 \end{array}$$

$$\begin{array}{r} 9.0 \\ 24 \end{array} \quad \begin{array}{r} 8.1 \\ 37 \end{array} \quad \begin{array}{r} 8.2 \\ 50 \end{array} \quad \begin{array}{r} 10.7 \\ 75 \end{array}$$

Spk PR 21

$$\begin{array}{r} 11.8 \\ 50 \end{array} \quad \begin{array}{r} 8.9 \\ 33 \end{array} \quad \begin{array}{r} 8.3 \\ 23 \end{array} \quad \begin{array}{r} 3.8 \\ 16 \end{array} \quad \begin{array}{r} 3.0 \\ 13 \end{array} \quad \begin{array}{r} 3.3 \\ 3.3 \end{array} \quad \begin{array}{r} 3.6 \\ 13 \end{array} \quad \begin{array}{r} 4.1 \\ 79 \end{array} \quad \begin{array}{r} 6.0 \\ 23 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array}$$

$$\begin{array}{r} 14.1 \\ 50 \end{array} \quad \begin{array}{r} 12.7 \\ 34 \end{array} \quad \begin{array}{r} 11.5 \\ 26 \end{array} \quad \begin{array}{r} 4.5 \\ 15 \end{array} \quad \begin{array}{r} 4.3 \\ 12 \end{array} \quad \begin{array}{r} 4.1 \\ 41 \end{array} \quad \begin{array}{r} 4.5 \\ 13 \end{array} \quad \begin{array}{r} 4.8 \\ 17 \end{array} \quad \begin{array}{r} 8.9 \\ 25 \end{array} \quad \begin{array}{r} 8.7 \\ 37 \end{array} \quad \begin{array}{r} 2.8 \\ 50 \end{array}$$

$$\begin{array}{r} 14.4 \\ 50 \end{array} \quad \begin{array}{r} 13.9 \\ 34 \end{array} \quad \begin{array}{r} 13.1 \\ 27 \end{array} \quad \begin{array}{r} 11.2 \\ 24 \end{array} \quad \begin{array}{r} 5.7 \\ 15 \end{array} \quad \begin{array}{r} 5.3 \\ 13 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array} \quad \begin{array}{r} 5.0 \\ 13 \end{array} \quad \begin{array}{r} 5.9 \\ 16 \end{array} \quad \begin{array}{r} 10.2 \\ 25 \end{array} \quad \begin{array}{r} 9.3 \\ 50 \end{array}$$

$$\begin{array}{r} 13.1 \\ 50 \end{array} \quad \begin{array}{r} 12.8 \\ 38 \end{array} \quad \begin{array}{r} 11.6 \\ 23 \end{array} \quad \begin{array}{r} 9.6 \\ 26 \end{array} \quad \begin{array}{r} 6.0 \\ 18 \end{array} \quad \begin{array}{r} 6.1 \\ 13 \end{array} \quad \begin{array}{r} 5.8 \\ 58 \end{array} \quad \begin{array}{r} 6.5 \\ 13 \end{array} \quad \begin{array}{r} 6.0 \\ 16 \end{array} \quad \begin{array}{r} 9.4 \\ 23 \end{array} \quad \begin{array}{r} 9.1 \\ 34 \end{array} \quad \begin{array}{r} 9.1 \\ 50 \end{array}$$

$$\begin{array}{r} 9.1 \\ 50 \end{array} \quad \begin{array}{r} 7.9 \\ 40 \end{array} \quad \begin{array}{r} 7.2 \\ 28 \end{array} \quad \begin{array}{r} 6.2 \\ 10 \end{array} \quad \begin{array}{r} 6.0 \\ 6.0 \end{array} \quad \begin{array}{r} 6.2 \\ 17 \end{array} \quad \begin{array}{r} 6.7 \\ 29 \end{array} \quad \begin{array}{r} 6.0 \\ 30 \end{array} \quad \begin{array}{r} 2.0 \\ 40 \end{array} \quad \begin{array}{r} 8.0 \\ 50 \end{array}$$

$$\begin{array}{r} 7.3 \\ 50 \end{array}$$

$$\begin{array}{r} 6.8 \\ 27 \end{array}$$

$$5.9$$

$$\begin{array}{r} 6.3 \\ 30 \end{array}$$

$$\begin{array}{r} 6.3 \\ 50 \end{array}$$

Top Mon Cleveland &amp; B

| Sta     | + . $\pi$      | -      | Elev.       |
|---------|----------------|--------|-------------|
|         | 975.18         |        |             |
| 53+03.8 | E Cleveland.   | 2.2    |             |
| +17     |                | 2.5    |             |
| +33     |                | 3.1    |             |
| +50     |                | 3.7    |             |
| 54      |                | 5.4    |             |
| +38     |                | 6.2    |             |
| +62     |                | 6.6    |             |
| 55      | 24" x 62' C.M. | 6.7    |             |
| +50     |                | 6.4    |             |
| 56      |                | 5.3    |             |
| +50     |                | 3.6    |             |
| 57      |                | 1.6    |             |
| T.P.    | 12.68          | 987.64 | 0.22 974.96 |



L.V.

Z

R-1

$$\frac{3.3}{50} \quad \frac{2.7}{25} \quad 2.2 \quad \frac{2.1}{25} \quad \frac{2.2}{50}$$

$$\frac{3.5}{50} \quad \frac{3.0}{25} \quad 2.5 \quad \frac{2.5}{25} \quad \frac{2.4}{50}$$

$$\frac{4.3}{50} \quad \frac{4.1}{38} \quad \frac{3.9}{30} \quad \frac{3.3}{15} \quad 3.1 \quad \frac{3.4}{17} \quad \frac{3.7}{31} \quad \frac{4.0}{33} \quad \frac{3.0}{39} \quad \frac{1.3}{50}$$

$$\frac{3.0}{50} \quad \frac{3.1}{28} \quad \frac{4.4}{21} \quad \frac{3.9}{15} \quad 3.7 \quad \frac{4.0}{10} \quad \frac{4.3}{23} \quad \frac{3.9}{30} \quad \frac{2.4}{35} \quad \frac{2.1}{50}$$

$$\frac{5.5}{50} \quad \frac{4.8}{26} \quad \frac{6.0}{19} \quad \frac{5.6}{11} \quad 5.4 \quad \frac{5.6}{12} \quad \frac{5.9}{26} \quad \frac{7.1}{50}$$

$$\frac{10.1}{50} \quad \frac{10.2}{38} \quad \frac{10.1}{24} \quad \frac{6.5}{15} \quad \frac{6.4}{11} \quad 6.2 \quad \frac{6.5}{12} \quad \frac{7.0}{15} \quad \frac{10.6}{23} \quad \frac{11.9}{32} \quad \frac{10.5}{50}$$

$$\frac{12.8}{50} \quad \frac{12.6}{32} \quad \frac{11.5}{21} \quad \frac{7.3}{15} \quad \frac{6.7}{11} \quad 6.6 \quad \frac{6.8}{12} \quad \frac{2.4}{15} \quad \frac{13.1}{26} \quad \frac{13.3}{32} \quad \frac{13.6}{50}$$

$$\frac{11.8}{50} \quad \frac{14.3}{31} \quad \frac{F.L.}{(14.45)} \quad \frac{12.0}{26} \quad \frac{7.1}{14} \quad \frac{6.8}{10} \quad 6.7 \quad \frac{7.0}{13} \quad \frac{7.5}{15} \quad \frac{12.6}{27} \quad \frac{F.L.}{(14.35)} \quad \frac{14.6}{31} \quad \frac{13.6}{50}$$

$$\frac{10.6}{50} \quad \frac{10.5}{33} \quad \frac{11.5}{27} \quad \frac{10.8}{23} \quad \frac{6.7}{15} \quad \frac{6.5}{11} \quad 6.4 \quad \frac{6.7}{11} \quad \frac{7.1}{15} \quad \frac{11.6}{23} \quad \frac{13.1}{33} \quad \frac{13.6}{50}$$

$$\frac{5.1}{50} \quad \frac{5.2}{26} \quad \frac{5.9}{21} \quad \frac{5.6}{14} \quad \frac{5.5}{11} \quad 5.3 \quad \frac{5.6}{11} \quad \frac{5.9}{15} \quad \frac{8.3}{21} \quad \frac{9.3}{26} \quad \frac{10.8}{37} \quad \frac{12.0}{50}$$

$$\frac{3.5}{50} \quad \frac{3.7}{30} \quad \frac{3.8}{23} \quad \frac{4.0}{14} \quad \frac{3.8}{11} \quad 3.6 \quad \frac{3.9}{12} \quad \frac{4.2}{18} \quad \frac{5.5}{20} \quad \frac{5.3}{26} \quad \frac{6.1}{40} \quad \frac{6.4}{50}$$

$$\frac{4.0}{50} \quad \frac{3.8}{35} \quad \frac{3.5}{22} \quad \frac{2.1}{17} \quad \frac{1.7}{11} \quad 1.6 \quad \frac{1.7}{12} \quad \frac{2.2}{17} \quad \frac{4.1}{21} \quad \frac{3.8}{34} \quad \frac{3.5}{50}$$

| Sta.  | +    | $\pi$  | -    | Elev.  |
|-------|------|--------|------|--------|
|       |      | 987.64 |      |        |
| 57+50 |      |        | 11.5 |        |
| 58    |      |        | 9.3  |        |
| 110   |      |        | 8.7  |        |
| 433   |      |        | 8.0  |        |
| 466   |      |        | 6.9  |        |
| 59    |      |        | 5.8  |        |
| 450   |      |        | 4.6  |        |
| 60    |      |        | 3.7  |        |
| 450   |      |        | 3.7  |        |
| 61    |      |        | 4.2  |        |
| T.P.  | 0.87 | 984.46 | 4.07 | 983.57 |
| 450   |      |        | 2.2  |        |
| 62    |      |        | 3.4  |        |

LT.      £      RT

$\frac{167}{50}$   $\frac{152}{27}$   $\frac{123}{19}$   $\frac{117}{11}$   $\frac{117}{11.5}$   $\frac{12.2}{12}$   $\frac{13.5}{21}$   $\frac{144}{38}$   $\frac{14.7}{50}$

$\frac{13.2}{50}$   $\frac{118}{37}$   $\frac{102}{27}$   $\frac{94}{13}$   $93$   $\frac{96}{12}$   $\frac{11.1}{18.21}$   $\frac{9.1}{25}$   $\frac{11.1}{45}$   $\frac{11.6}{50}$

$\frac{7.3}{50}$   $\frac{6.8}{42}$   $\frac{106}{32}$   $\frac{10.2}{23}$   $\frac{10.5}{20}$   $\frac{91}{17}$   $\frac{8.7}{13}$   $8.7$   $\frac{95}{17}$   $\frac{106}{19.22}$   $\frac{6.9}{28}$   $\frac{8.7}{41}$   $\frac{10.1}{50}$

$\frac{47}{50}$   $\frac{2.5}{32}$   $\frac{8.4}{23}$   $\frac{8.9}{22-19}$   $\frac{8.3}{12}$   $8.0$   $\frac{8.1}{13}$   $\frac{8.2}{17}$   $\frac{9.3}{19.22}$   $\frac{8.0}{23}$   $\frac{3.3}{34}$   $\frac{4.6}{50}$

$\frac{4.4}{50}$   $\frac{3.8}{33}$   $\frac{7.2}{23}$   $\frac{7.9}{22-19}$   $\frac{70}{18}$   $\frac{71}{12}$   $6.9$   $\frac{73}{12}$   $\frac{7.7}{17}$   $\frac{8.1}{19.22}$   $\frac{7.4}{23}$   $\frac{0.6}{32}$   $\frac{1.1}{50}$

$\frac{4.4}{50}$   $\frac{2.3}{33}$   $\frac{6.1}{23}$   $\frac{7.1}{22-19}$   $\frac{63}{17}$   $\frac{6.0}{13}$   $5.8$   $\frac{62}{12}$   $\frac{6.6}{16}$   $\frac{7.3}{19.22}$   $\frac{6.3}{24}$   $\frac{1.0}{32}$   $\frac{2.0}{50}$

$\frac{3.0}{50}$   $\frac{2.3}{45}$   $\frac{2.5}{33}$   $\frac{4.8}{24}$   $\frac{4.7}{12}$   $4.6$   $\frac{4.8}{13}$   $\frac{5.2}{17}$   $\frac{5.5}{19.22}$   $\frac{5.0}{23}$   $\frac{1.5}{33}$   $\frac{1.02}{50}$

$\frac{0.5}{50}$   $\frac{0.7}{33}$   $\frac{2.7}{25}$   $\frac{3.8}{18}$   $\frac{3.7}{12}$   $3.7$   $\frac{3.8}{11}$   $\frac{4.1}{18}$   $\frac{4.6}{20.22}$   $\frac{3.4}{24}$   $\frac{14.7}{34}$   $\frac{12.8}{50}$

$\frac{1.8}{50}$   $\frac{12.2}{46}$   $\frac{10.6}{32}$   $\frac{3.1}{24}$   $\frac{4.2}{18}$   $\frac{3.7}{11}$   $3.7$   $\frac{3.9}{13}$   $\frac{4.1}{18}$   $\frac{4.0}{19.22}$   $\frac{3.5}{23}$   $\frac{13.0}{33}$   $\frac{10.5}{50}$

$\frac{2.8}{50}$   $\frac{2.5}{32}$   $\frac{4.6}{23}$   $\frac{5.1}{20}$   $\frac{4.7}{18}$   $\frac{4.0}{12}$   $4.2$   $\frac{4.5}{12}$   $\frac{4.7}{16}$   $\frac{5.7}{19}$   $\frac{5.9}{23}$   $\frac{4.3}{26}$   $\frac{3.8}{33}$   $\frac{4.4}{50}$

$\frac{2.2}{50}$   $\frac{2.5}{31}$   $\frac{2.7}{26}$   $\frac{3.9}{20-17}$   $\frac{2.7}{14}$   $\frac{2.3}{12}$   $2.2$   $\frac{2.5}{12}$   $\frac{3.0}{15}$   $\frac{4.2}{19.22}$   $\frac{3.1}{24}$   $\frac{2.4}{30}$   $\frac{2.1}{50}$

$\frac{3.6}{50}$   $\frac{3.5}{28}$   $\frac{3.3}{25}$   $\frac{5.3}{22-18}$   $\frac{3.8}{14}$   $\frac{3.6}{11}$   $3.4$   $\frac{3.7}{12}$   $\frac{4.0}{16}$   $\frac{5.0}{19.22}$   $\frac{2.5}{30}$   $\frac{2.0}{38}$   $\frac{1.6}{50}$

| Sta.  | +    | $\pi$  | -     | Elev.         |
|-------|------|--------|-------|---------------|
|       |      | 984.46 |       |               |
| 62+50 |      |        | 5.0   |               |
| 63    |      |        | 6.8   |               |
| +50   |      |        | 8.6   |               |
| 64    |      |        | 10.5  |               |
| B.M.  | 1.51 | 973.71 | 12.14 | 972.32 972.20 |
| +50   |      |        | 17    |               |
| 65    |      |        | 3.7   |               |
| +50   |      |        | 5.6   |               |
| 66    |      |        | 7.2   |               |
| +50   |      |        | 8.5   |               |
| 67    |      |        | 9.2   |               |
| +50   |      |        | 9.2   |               |

+ 92 Sec. thru 18+50m 9.2

Note: Do not use  
for yardage as  
whole Sec. is  
skewed.

LJ.

£

P1.

4.4 5.0 5.2 6.5 5.2 5.3 5.3 5.0 6.7 4.0 3.0 2.6  
50 42 26 22 18 15 11 5.0 12 16 19 22 29 37 50

6.2 6.1 5.7 6.6 7.2 7.0 7.1 7.4 8.5 7.6 6.8  
50 38 27 22 19 15 12 18 12 15 18 22 24 50

10.3 8.2 10.3 9.1 8.9 8.9 9.2 10.3 9.5 9.0 8.5  
50 27 22 18 15 12 8.6 12 15 18 22 24 32 50

12.2 11.0 10.3 12.7 11.1 10.7 10.7 11.0 12.5 11.0 10.1  
50 34 26 23 18 16 11 10.5 12 16 18 21 23 50

Spike Cor. Fr. P. 26' Lt. 5.6 6.4 5.6

4.2 2.3 3.5 3.5 2.2 1.9 2.1 3.6 3.7 2.3 0.6  
50 26 23 18 16 11 1.7 14 18 23 26 50

9.0 7.5 6.7 4.1 3.9 4.0 4.3 5.8 6.3 5.2  
50 28 23 15 12 37 11 14 20 30 50

12.7 12.2 6.2 5.8 5.9 6.5 9.2 8.4 8.3  
50 26 14 10 5.6 9 14 19 33 50

13.5 13.2 7.9 7.5 7.5 7.9 11.4 11.7 11.4  
50 25 16 12 7.2 9 13 21 37 50

13.6 13.9 13.7 9.4 9.0 8.8 9.6 12.6 12.9 12.7  
50 36 26 16 12 8.5 9 15 20 31 50

13.2 13.4 13.5 9.4 9.6 13.0 13.2 13.0  
50 37 24 16 9.2 15 20 30 50

12.7 13.0 13.1 9.8 9.7 13.2 13.5 13.2  
50 31 23 17 9.2 16 23 29 50

F.L.

FL

14.6 14.3 14.7 14.8 9.6 12.8 14.0 13.9 13.2  
50 23 23 16 9.2 16 23 27 28 50



| Sta. | t     | $\pi$  | -    | Elev.                          |
|------|-------|--------|------|--------------------------------|
|      |       | 973.71 |      |                                |
| 68   |       |        | 9.2  |                                |
| T.P  | 682   | 971.23 | 9.30 | 964.41                         |
| +50  |       |        | 6.6  |                                |
| 69   |       |        | 6.7  |                                |
| +50  |       |        | 6.7  |                                |
| 70   |       |        | 6.5  |                                |
| +50  |       |        | 6.1  |                                |
| 71   |       |        | 5.5  |                                |
| +50  |       |        | 4.3  |                                |
| 72   |       |        | 2.6  |                                |
| T.P  | 11.51 | 981.80 | 094  | 970.29 <sup>P.P</sup><br>21.72 |
| +50  |       |        | 11.3 |                                |
| 73   |       |        | 9.3  |                                |
| +50  |       |        | 7.2  |                                |

Lt.

£

Rt.

$\frac{12.8}{50} \frac{12.9}{38} \frac{12.8}{24} \frac{9.7}{18} 9.2 \frac{9.5}{14} \frac{13.2}{22} \frac{14.0}{28} \frac{13.4}{50}$

$\frac{10.6}{50} \frac{11.2}{31} \frac{10.0}{23} \frac{7.3}{16} \frac{7.1}{12} 6.6 \frac{6.9}{12} \frac{7.3}{18} \frac{10.0}{23} \frac{10.3}{28} \frac{10.6}{50}$

$\frac{10.4}{50} \frac{10.5}{32} \frac{11.0}{27} \frac{10.5}{23} \frac{7.4}{17} 6.7 \frac{7.2}{17} \frac{10.0}{23} \frac{10.6}{31} \frac{10.1}{50}$

$\frac{9.8}{50} \frac{10.4}{42} \frac{10.7}{30} \frac{10.3}{23} \frac{7.4}{16} 6.7 \frac{7.0}{12} \frac{7.1}{16} \frac{10.3}{22} \frac{10.5}{32} \frac{10.3}{50}$

$\frac{7.1}{50} \frac{8.9}{32} \frac{9.2}{22} \frac{7.2}{16} 6.5 \frac{6.8}{12} \frac{7.1}{17} \frac{9.8}{21} \frac{10.4}{34} \frac{10.5}{50}$

$\frac{3.0}{50} \frac{4.0}{40} \frac{5.5}{27} \frac{6.6}{23} \frac{6.8}{18} \frac{6.5}{11} 6.1 \frac{6.3}{9} \frac{7.2}{17} \frac{9.5}{23} \frac{9.7}{31} \frac{9.8}{50}$

$\frac{3.5}{50} \frac{5.3}{36} \frac{6.1}{28} \frac{7.3}{22} \frac{7.5}{16} \frac{6.2}{14} 5.5 \frac{6.0}{16} \frac{9.5}{22} \frac{9.6}{31} \frac{9.6}{50}$

$\frac{4.8}{50} \frac{6.0}{28} \frac{6.1}{24} \frac{6.9}{22} \frac{5.0}{15} \frac{4.5}{10} 4.3 \frac{4.5}{11} \frac{4.9}{15} \frac{7.9}{21} \frac{7.7}{30} \frac{7.9}{40} \frac{7.9}{50}$

$\frac{3.8}{50} \frac{4.8}{31} \frac{4.7}{24} \frac{5.1}{22} \frac{3.2}{15} 2.6 \frac{2.9}{14} \frac{4.9}{20} \frac{4.6}{34} \frac{5.1}{50}$

$\frac{17.2}{50} \frac{16.6}{34} \frac{15.3}{29} \frac{14.0}{20} \frac{12.4}{17} \frac{11.7}{13} 11.3 \frac{11.5}{12} \frac{11.8}{17} \frac{12.9}{19} \frac{13.1}{30} \frac{13.7}{23} \frac{13.2}{50}$

$\frac{15.3}{50} \frac{13.4}{32} \frac{11.9}{29} \frac{10.9}{19} \frac{9.9}{16} \frac{9.5}{11} 9.3 \frac{9.4}{12} \frac{9.9}{16} \frac{11.1}{17} \frac{7.3}{22} \frac{7.6}{29} \frac{7.8}{34} \frac{7.8}{50}$

$\frac{11.4}{50} \frac{9.4}{41} \frac{8.2}{35} \frac{6.6}{29} \frac{7.0}{21} \frac{7.9}{19} \frac{7.5}{16} 7.2 \frac{7.5}{11} \frac{7.8}{15} \frac{8.6}{19} \frac{6.0}{22} \frac{2.3}{26} \frac{2.8}{32} \frac{3.1}{38} \frac{3.1}{50}$

| Sta. | +     | $\pi$           | -     | $\pm$ lev.    |
|------|-------|-----------------|-------|---------------|
|      |       | 981.80          |       |               |
| 74   |       |                 | 5.4   |               |
| T.P. | 13.39 | 992.31          | 2.88  | 978.92        |
| +41  |       |                 | 14.4  |               |
| +72  |       |                 | 13.3  |               |
| 75   |       |                 | 12.3  |               |
| +31  |       |                 | 11.4  |               |
| +67  |       |                 | 10.6  |               |
| 76   |       |                 | 10.0  |               |
| +37  |       |                 | 9.9   |               |
| +67  |       |                 | 10.2  |               |
| 77   |       |                 | 11.0  |               |
| T.P. | 1.38  | 982.67          | 11.02 | 981.29        |
| +38  |       | Profile Ent. Bl |       |               |
| +50  |       |                 | 3.4   |               |
| BM   | 6.92  | 980.43          | 9.25  | 973.42 973.51 |

Lt. £ Rt.

$\frac{47}{50} \frac{31}{40} \frac{2.6}{36} \frac{1.6}{31} \frac{6.5}{21} \frac{60}{16} \frac{56}{12} \frac{5.4}{5.4} \frac{5.7}{12} \frac{61}{16} \frac{6.9}{18-21} \frac{1.2}{32} \frac{15}{35} \frac{2.0}{36} \frac{1.3}{50}$

$\frac{12.6}{50} \frac{120}{37} \frac{11.8}{30} \frac{14.6}{24} \frac{15.8}{19} \frac{15.0}{15} \frac{14.7}{12} \frac{14.0}{14.0} \frac{14.8}{12} \frac{15.0}{15} \frac{16.0}{18-21} \frac{10.8}{30} \frac{11.2}{37} \frac{11.0}{50}$

$\frac{14.2}{50} \frac{14.5}{34} \frac{13.9}{29} \frac{13.2}{26} \frac{14.9}{21.77} \frac{13.9}{15} \frac{13.6}{12} \frac{13.3}{13.3} \frac{13.5}{12} \frac{13.8}{16} \frac{15.1}{17-22} \frac{11.0}{29} \frac{9.8}{36} \frac{10.1}{43} \frac{9.9}{50}$

$\frac{13.8}{50} \frac{13.8}{38} \frac{14.0}{28} \frac{13.2}{25} \frac{14.3}{22-18} \frac{13.0}{15} \frac{12.7}{12} \frac{12.3}{12.3} \frac{12.6}{12} \frac{12.8}{15} \frac{14.2}{19-23} \frac{10.8}{28} \frac{9.3}{37} \frac{9.2}{50}$

$\frac{10.2}{50} \frac{10.6}{41} \frac{11.0}{33} \frac{11.4}{29} \frac{11.9}{26} \frac{13.5}{21-18} \frac{12.1}{16} \frac{11.8}{12} \frac{11.4}{14} \frac{11.7}{12} \frac{11.9}{15} \frac{13.2}{19-23} \frac{9.9}{29} \frac{8.4}{37} \frac{8.0}{50}$

$\frac{7.8}{50} \frac{8.2}{37} \frac{8.0}{30} \frac{12.3}{20-17} \frac{11.0}{15} \frac{10.9}{12} \frac{10.6}{10.6} \frac{10.9}{12} \frac{11.1}{17} \frac{12.3}{19-23} \frac{8.9}{29} \frac{8.4}{33} \frac{7.4}{37} \frac{6.7}{50}$

$\frac{8.7}{50} \frac{7.3}{40} \frac{7.5}{34} \frac{6.9}{30} \frac{11.0}{21-17} \frac{10.5}{15} \frac{10.2}{12} \frac{10.0}{10.0} \frac{10.3}{12} \frac{10.6}{16} \frac{11.8}{18-22} \frac{10.5}{26} \frac{6.7}{31} \frac{5.7}{37} \frac{4.7}{50}$

$\frac{10.7}{50} \frac{8.3}{36} \frac{7.2}{30} \frac{10.6}{23} \frac{11.3}{20-17} \frac{10.2}{15} \frac{10.1}{12} \frac{9.9}{9.9} \frac{10.1}{12} \frac{10.3}{17} \frac{11.3}{19-23} \frac{10.2}{25} \frac{4.2}{34} \frac{4.2}{39} \frac{4.2}{50}$

$\frac{13.3}{50} \frac{11.1}{39} \frac{9.7}{29} \frac{12.2}{23-19} \frac{10.6}{15} \frac{10.5}{12} \frac{10.0}{10.2} \frac{10.4}{12} \frac{11.5}{16} \frac{3.8}{20-23} \frac{4.6}{33} \frac{4.6}{50}$

$\frac{17.7}{50} \frac{16.0}{34} \frac{15.0}{30} \frac{14.1}{28} \frac{13.6}{22-19} \frac{11.7}{15} \frac{11.5}{12} \frac{11.0}{11.0} \frac{11.2}{12} \frac{11.3}{16} \frac{12.4}{19-23} \frac{7.5}{30} \frac{6.5}{33} \frac{5.3}{42} \frac{6.3}{50}$

$28 \frac{2.8}{15} \frac{2.2}{29} \frac{1.1}{50} \frac{0.0}{74}$

$\frac{10.0}{50} \frac{8.4}{32} \frac{8.0}{25} \frac{7.3}{20} \frac{4.0}{14} \frac{3.7}{12} \frac{3.4}{3.4} \frac{3.5}{12} \frac{3.6}{19} \frac{4.5}{20-23} \frac{3.2}{25} \frac{1.0}{50}$

Top. Mon New Brighton Rd. & Co. Rd. B

| Sta.              | +    | $\pi$  | -    | Elev.  |
|-------------------|------|--------|------|--------|
|                   |      | 98043  |      |        |
| 78                |      |        | 3.5  |        |
| +50               |      |        | 5.5  |        |
| +94               |      |        | 6.5  |        |
| 79                |      |        | 6.6  |        |
| +21               |      |        | 6.78 |        |
| +39 <sup>58</sup> |      |        | 6.91 |        |
| +55               |      |        | 6.90 |        |
| +65               |      |        | 6.82 |        |
| +81               |      |        | 6.74 |        |
| 80                |      |        | 6.55 |        |
| +50               |      |        | 6.10 |        |
| 81                |      |        | 5.61 |        |
| T.P.              | 7.03 | 981.78 | 5.68 | 974.75 |



L1

L2

L3

$$\begin{array}{r} 9.4 \quad 8.9 \quad 8.4 \quad 4.2 \quad 3.9 \\ 50 \quad 29 \quad 23 \quad 17 \quad 12 \end{array} \quad \begin{array}{r} 3.7 \quad 3.8 \quad 6.1 \quad 7.2 \quad 7.7 \\ 12 \quad 18 \quad 26 \quad 37 \quad 50 \end{array}$$

$$\begin{array}{r} 11.2 \quad 10.0 \quad 9.8 \quad 8.7 \quad 6.0 \quad 5.8 \\ 50 \quad 30 \quad 26 \quad 19 \quad 14 \quad 11 \end{array} \quad \begin{array}{r} 5.5 \quad 5.5 \quad 7.7 \quad 8.3 \quad 8.4 \\ 12 \quad 18 \quad 22 \quad 38 \quad 50 \end{array}$$

$$\begin{array}{r} 8.9 \quad 8.4 \quad 7.9 \quad 7.1 \quad 7.2 \quad 6.8 \\ 50 \quad 30 \quad 25 \quad 20 \quad 16 \quad 11 \end{array} \quad \begin{array}{r} 6.6 \quad 6.9 \quad 7.5 \quad 6.8 \quad 6.7 \quad 6.8 \\ 6.5 \quad 10 \quad 18 \quad 20-23 \quad 28 \quad 38 \quad 50 \end{array}$$

$$\begin{array}{r} 8.5 \quad 7.5 \quad 7.3 \quad 6.9 \\ 50 \quad 30 \quad 19 \quad 13 \end{array} \quad \begin{array}{r} 6.6 \quad 6.7 \quad 7.0 \quad 8.0 \quad 8.7 \quad 8.7 \\ 12 \quad 18 \quad 22 \quad 36 \quad 50 \end{array}$$

$$\begin{array}{r} 7.5 \quad 7.6 \quad 6.90 \\ 33 \quad 33 \quad 10 \end{array} \quad \begin{array}{r} 6.85 \quad 7.4 \quad 7.7 \\ 10 \quad 33 \quad 50 \end{array}$$

$$\begin{array}{r} 7.55 \quad 7.23 \quad 6.90 \\ 50 \quad 27 \quad 10 \end{array} \quad \begin{array}{r} 6.95 \quad 7.1 \quad 7.4 \\ 10 \quad 27 \quad 50 \end{array}$$

$$\begin{array}{r} 6.0 \quad 8.05 \quad 7.68 \quad 7.00 \\ 50 \quad 47 \quad 26 \quad 10 \end{array} \quad \begin{array}{r} 6.92 \quad 7.1 \quad 7.3 \quad 7.6 \\ 10 \quad 20 \quad 30 \quad 50 \end{array}$$

$$\begin{array}{r} 10.3 \quad 8.3 \quad 8.02 \quad 7.46 \quad 6.98 \\ 50-45 \quad 41 \quad 30 \quad 17 \quad 10 \end{array} \quad \begin{array}{r} 6.90 \quad 7.1 \quad 8.8 \quad 9.1 \\ 10 \quad 22 \quad 28 \quad 50 \end{array}$$

$$\begin{array}{r} 10.4 \quad 10.0 \quad 7.7 \quad 7.42 \quad 7.00 \\ 50 \quad 34 \quad 29 \quad 20 \quad 10 \end{array} \quad \begin{array}{r} 6.83 \quad 7.1 \quad 8.8 \quad 8.2 \quad 8.4 \quad 8.5 \\ 6.7 \quad 10 \quad 16 \quad 22 \quad 31 \quad 35 \quad 50 \end{array}$$

$$\begin{array}{r} 10.5 \quad 10.3 \quad 8.2 \quad 7.2 \quad 6.8 \quad 6.70 \\ 50 \quad 34 \quad 30 \quad 20 \quad 13 \quad 10 \end{array} \quad \begin{array}{r} 6.68 \quad 6.8 \quad 9.8 \quad 9.6 \quad 9.3 \quad 9.4 \\ 6.55 \quad 10 \quad 15 \quad 21 \quad 30 \quad 36 \quad 50 \end{array}$$

$$\begin{array}{r} 9.0 \quad 9.2 \quad 7.8 \quad 7.5 \quad 6.5 \quad 6.25 \\ 50 \quad 30 \quad 27 \quad 21 \quad 18 \quad 10 \end{array} \quad \begin{array}{r} 6.22 \quad 6.6 \quad 9.9 \quad 9.8 \quad 10.4 \quad 10.2 \\ 10 \quad 16 \quad 22 \quad 33 \quad 40 \quad 50 \end{array}$$

$$\begin{array}{r} 9.9 \quad 10.1 \quad 10.3 \quad 6.0 \quad 5.72 \\ 50 \quad 28 \quad 23 \quad 15 \quad 10 \end{array} \quad \begin{array}{r} 5.76 \quad 6.6 \quad 8.9 \quad 9.1 \quad 9.0 \\ 10 \quad 18 \quad 21 \quad 40 \quad 50 \end{array}$$

| Sta.  | +    | $\pi$  | -    | Elev.  |
|-------|------|--------|------|--------|
| 81+50 |      |        | 6.42 |        |
| 82    |      |        | 5.88 |        |
| +50   |      |        | 5.38 |        |
| 83    |      |        | 4.88 |        |
| T.P.  | 3.66 | 982.26 | 3.18 | 978.60 |
| +50   |      |        | 4.96 | 982.26 |
| 84    |      |        | 4.66 |        |
| +50   |      |        | 4.52 |        |
| 85    |      |        | 4.45 |        |
| +50   |      |        | 4.60 |        |
| 86    |      |        | 4.78 |        |
| +50   |      |        | 5.14 |        |
| 87    |      |        | 5.48 |        |

L1.

L

R1

$\frac{11.0}{50}$   $\frac{11.4}{28}$   $\frac{11.2}{20}$   $\frac{6.9}{16}$   $\frac{6.60}{10}$   $\frac{6.62}{10}$   $\frac{6.9}{15}$   $\frac{10.5}{21}$   $\frac{10.4}{27}$   $\frac{10.2}{30}$   $\frac{10.2}{39}$   $\frac{10.1}{50}$

$\frac{11.2}{50}$   $\frac{11.7}{29}$   $\frac{11.3}{23}$   $\frac{6.2}{15}$   $\frac{6.07}{10}$   $\frac{6.02}{10}$   $\frac{6.5}{16}$   $\frac{9.3}{22}$   $\frac{10.0}{25}$   $\frac{9.3}{28}$   $\frac{8.8}{36}$   $\frac{8.1}{40}$   $\frac{8.4}{50}$

$\frac{11.7}{50}$   $\frac{11.3}{28}$   $\frac{11.0}{22}$   $\frac{6.0}{14}$   $\frac{5.65}{10}$   $\frac{5.49}{10}$   $\frac{5.5}{15}$   $\frac{8.0}{22}$   $\frac{7.9}{26}$   $\frac{7.4}{29}$   $\frac{7.2}{36}$   $\frac{6.4}{40}$   $\frac{6.5}{50}$

$\frac{11.3}{50}$   $\frac{10.0}{27}$   $\frac{9.4}{22}$   $\frac{5.2}{15}$   $\frac{5.10}{10}$   $\frac{5.02}{10}$   $\frac{5.2}{16}$   $\frac{6.65}{19}$   $\frac{4.7}{26}$   $\frac{2.6}{31}$   $\frac{1.5}{35}$   $\frac{2.2}{40}$   $\frac{2.2}{50}$

$\frac{7.5}{50}$   $\frac{7.6}{28}$   $\frac{6.8}{19}$   $\frac{5.3}{17}$   $\frac{5.12}{10}$   $\frac{5.09}{10}$   $\frac{5.2}{17}$   $\frac{6.1}{20}$   $\frac{4.6}{23}$   $\frac{4.6}{26}$

$\frac{5.7}{50}$   $\frac{4.5}{42}$   $\frac{4.4}{29}$   $\frac{5.1}{21}$   $\frac{4.80}{10}$   $\frac{4.81}{10}$   $\frac{5.0}{17}$   $\frac{6.0}{21}$   $\frac{4.3}{23}$   $\frac{4.3}{27}$

$\frac{5.2}{50}$   $\frac{3.7}{42}$   $\frac{4.4}{29}$   $\frac{5.4}{19}$   $\frac{4.70}{10}$   $\frac{4.61}{10}$   $\frac{4.6}{14}$   $\frac{4.8}{20}$   $\frac{3.7}{25}$

$\frac{3.1}{50}$   $\frac{3.0}{40}$   $\frac{4.6}{28}$   $\frac{5.6}{21}$   $\frac{4.9}{15}$   $\frac{4.71}{10}$   $\frac{4.53}{10}$   $\frac{4.9}{17}$   $\frac{3.9}{24}$

$\frac{4.6}{50}$   $\frac{4.7}{31}$   $\frac{5.8}{20}$   $\frac{5.1}{16}$   $\frac{4.72}{10}$   $\frac{4.67}{10}$   $\frac{4.9}{15}$   $\frac{5.1}{18}$   $\frac{4.9}{25}$

$\frac{8.3}{50}$   $\frac{5.6}{29}$   $\frac{5.7}{20}$   $\frac{5.2}{15}$   $\frac{4.89}{10}$   $\frac{4.94}{10}$   $\frac{5.3}{18}$   $\frac{5.5}{23}$   $\frac{2.3}{30}$   $\frac{2.3}{40}$   $\frac{3.0}{50}$

$\frac{14.3}{50}$   $\frac{11.5}{31}$   $\frac{5.4}{18}$   $\frac{5.26}{10}$   $\frac{5.31}{10}$   $\frac{5.5}{16}$   $\frac{7.0}{21}$   $\frac{6.1}{31}$   $\frac{3.7}{34}$   $\frac{3.2}{50}$

$\frac{15.0}{50}$   $\frac{14.7}{31}$   $\frac{12.9}{26}$   $\frac{6.0}{16}$   $\frac{5.70}{10}$   $\frac{5.63}{10}$   $\frac{6.0}{19}$   $\frac{8.7}{24}$   $\frac{8.9}{33}$   $\frac{8.4}{42}$   $\frac{8.0}{50}$

| Sta   | L     | $\pi$  | -     | Elev   |
|-------|-------|--------|-------|--------|
|       |       | 982.26 |       |        |
| 87+50 |       |        | 5.82  |        |
| 88    |       |        | 6.15  |        |
| +50   |       |        | 6.45  |        |
| 89    |       |        | 6.62  |        |
| +50   |       |        | 6.92  |        |
| T.P.  | 13.47 | 992.21 | 3.52  | 978.74 |
| 93+50 |       |        |       |        |
| 84    |       |        |       |        |
| +50   |       |        |       |        |
| 85    |       |        |       |        |
| +50   |       |        |       |        |
| T.P.  | 11.73 | 990.47 | 13.47 | 978.74 |
| 90    |       |        |       |        |
| +50   |       |        |       |        |

L4.

L

R4.

$\frac{15.5}{50}$   $\frac{15.3}{30}$   $\frac{6.4}{14}$   $\frac{6.09}{10}$   $\frac{5.90}{582}$   $\frac{6.2}{10}$   $\frac{10.5}{25}$   $\frac{12.0}{30}$   $\frac{11.2}{40}$   $\frac{10.7}{50}$

$\frac{16.0}{50}$   $\frac{15.7}{29}$   $\frac{6.6}{14}$   $\frac{6.38}{10}$   $\frac{6.21}{615}$   $\frac{6.6}{10}$   $\frac{10.0}{16}$   $\frac{11.8}{24}$   $\frac{11.7}{30}$   $\frac{11.3}{40}$   $\frac{11.3}{50}$

$\frac{15.4}{50}$   $\frac{15.6}{28}$   $\frac{6.8}{14}$   $\frac{6.62}{10}$   $\frac{6.52}{645}$   $\frac{6.7}{10}$   $\frac{6.7}{19}$   $\frac{11.8}{28}$   $\frac{11.5}{40}$   $\frac{11.0}{50}$

$\frac{12.7}{50}$   $\frac{12.6}{24}$   $\frac{10.8}{20}$   $\frac{6.9}{16}$   $\frac{6.78}{10}$   $\frac{6.68}{662}$   $\frac{6.8}{10}$   $\frac{8.7}{16}$   $\frac{10.0}{21}$   $\frac{7.9}{26}$   $\frac{8.8}{31}$   $\frac{9.0}{40}$   $\frac{9.0}{50}$

$\frac{7.2}{50}$   $\frac{8.6}{28}$   $\frac{6.7}{22}$   $\frac{7.09}{10}$   $\frac{7.00}{692}$   $\frac{7.0}{10}$   $\frac{7.0}{18}$   $\frac{8.6}{21.24}$   $\frac{4.8}{27}$   $\frac{3.8}{37}$   $\frac{5.0}{50}$

$\frac{8.3}{38}$   $\frac{8.2}{50}$   $\frac{5.8}{75}$

$\frac{6.7}{38}$   $\frac{5.5}{50}$   $\frac{3.4}{63}$   $\frac{1.2}{75}$

$\frac{3.0}{40}$   $\frac{2.5}{50}$   $\frac{0.7}{75}$

$\frac{4.3}{40}$   $\frac{4.4}{50}$   $\frac{5.1}{75}$

$\frac{6.2}{39}$   $\frac{7.0}{46}$   $\frac{7.3}{60}$   $\frac{7.4}{75}$

$\frac{9.4}{34}$   $\frac{9.6}{42}$   $\frac{9.5}{50}$   $\frac{10.1}{75}$

$\frac{5.1}{37}$   $\frac{6.1}{43}$   $\frac{5.6}{75}$



| Sta. | +    | $\pi$  | -     | Elev   |        |
|------|------|--------|-------|--------|--------|
| 91   |      | 990.47 |       |        |        |
| +50  |      |        |       |        |        |
| 92   |      |        |       |        |        |
| T.P. | 1.46 | 980.20 | 11.73 | 978.74 |        |
| 90   |      |        | 5.25  |        |        |
| +50  |      |        | 5.69  |        |        |
| 91   |      |        | 6.37  |        |        |
| +50  |      |        | 7.35  |        |        |
| 92   |      |        | 8.30  |        |        |
| B.M. | 1.05 | 977.85 | 3.44  | 976.76 | 976.80 |
| +50  |      |        | 7.09  |        |        |
| T.P. | 0.98 | 971.68 | 7.15  | 970.70 |        |
| 93   |      |        | 2.02  |        |        |
| +50  |      |        | 3.14  |        |        |
| 94   |      |        | 4.00  |        |        |

Lt.      £      Ry.

$\frac{3.0}{43}$      $\frac{2.8}{50}$      $\frac{2.2}{75}$

$\frac{2.6}{44}$      $\frac{2.8}{60}$      $\frac{3.1}{75}$

$\frac{9.9}{38}$      $\frac{9.8}{50}$      $\frac{10.2}{75}$

$\frac{4.2}{50}$   $\frac{4.2}{33}$   $\frac{5.3}{24}$   $\frac{6.4}{20-18}$   $\frac{5.6}{15}$   $\frac{5.38}{10}$   $\frac{5.30}{10}$   $\frac{5.4}{17}$   $\frac{6.1}{22}$   $\frac{6.0}{26}$

$\frac{2.8}{50}$   $\frac{3.2}{42}$   $\frac{4.7}{31}$   $\frac{6.0}{23}$   $\frac{6.9}{19}$   $\frac{6.0}{17}$   $\frac{5.78}{15}$   $\frac{5.81}{10}$   $\frac{5.9}{16}$   $\frac{5.6}{21}$   $\frac{4.6}{25}$

$\frac{3.2}{50}$   $\frac{4.8}{39}$   $\frac{6.2}{24}$   $\frac{7.6}{20-18}$   $\frac{6.7}{16}$   $\frac{6.43}{10}$   $\frac{6.52}{10}$   $\frac{6.3}{20}$   $\frac{5.5}{22}$   $\frac{4.8}{25}$

$\frac{4.1}{50}$   $\frac{6.0}{33}$   $\frac{7.5}{23}$   $\frac{8.4}{21-19}$   $\frac{7.7}{17}$   $\frac{7.50}{10}$   $\frac{7.51}{10}$   $\frac{7.7}{21}$   $\frac{7.2}{22}$   $\frac{6.4}{26}$

$\frac{6.0}{50}$   $\frac{7.3}{39}$   $\frac{8.4}{23}$   $\frac{9.5}{21-19}$   $\frac{8.7}{16}$   $\frac{8.45}{10}$   $\frac{8.42}{10}$   $\frac{8.7}{17}$   $\frac{8.3}{26}$   $\frac{7.6}{28}$

Spk. PP. 33 24 89 + 96

$\frac{7.6}{50}$   $\frac{6.8}{39}$   $\frac{7.6}{30}$   $\frac{9.1}{24}$   $\frac{9.0}{17}$   $\frac{7.5}{14}$   $\frac{7.20}{10}$   $\frac{7.15}{10}$   $\frac{7.0}{20}$   $\frac{8.6}{24-28}$   $\frac{7.0}{31}$   $\frac{7.0}{38}$   $\frac{7.3}{50}$

$\frac{9.3}{50}$   $\frac{9.7}{33}$   $\frac{9.5}{29}$   $\frac{8.3}{23}$   $\frac{2.6}{15}$   $\frac{2.21}{10}$   $\frac{2.15}{2.02}$   $\frac{2.9}{10}$   $\frac{6.5}{23}$   $\frac{6.8}{32}$   $\frac{7.1}{50}$

$\frac{11.7}{50}$   $\frac{11.4}{33}$   $\frac{10.2}{24}$   $\frac{4.0}{16}$   $\frac{3.34}{10}$   $\frac{3.22}{3.14}$   $\frac{3.3}{10}$   $\frac{4.0}{14}$   $\frac{10.1}{26}$   $\frac{10.5}{50}$

$\frac{12.2}{50}$   $\frac{12.0}{33}$   $\frac{1.2}{21}$   $\frac{4.9}{16}$   $\frac{4.25}{10}$   $\frac{4.22}{4.00}$   $\frac{4.5}{10}$   $\frac{10.1}{24}$   $\frac{11.1}{35}$   $\frac{11.8}{50}$

| Sta.  | +    | $\pi$  | -    | Elev.  |
|-------|------|--------|------|--------|
|       |      | 971.68 |      |        |
| 94+50 |      |        | 4.94 |        |
| 95    |      |        | 5.67 |        |
| +50   |      |        | 6.41 |        |
| 96    |      |        | 7.00 |        |
| +50   |      |        | 7.60 |        |
| 97    |      |        | 8.12 |        |
| +50   |      |        | 8.61 |        |
| 98    |      |        | 9.16 |        |
| T.P.  | 2.94 | 965.56 | 9.06 | 962.62 |
| +60   |      |        | 3.66 |        |
| 99    |      |        | 4.17 |        |
| +50   |      |        | 4.70 |        |
| 100   |      |        | 5.18 |        |

Lt.      ♀      R1

$\frac{13.0}{50}$   $\frac{12.5}{33}$   $\frac{11.3}{22}$   $\frac{5.9}{15}$   $\frac{5.20}{10}$   $\frac{5.05}{10}$   $\frac{5.7}{10}$   $\frac{10.1}{23}$   $\frac{10.6}{35}$   $\frac{10.5}{50}$

$\frac{11.4}{50}$   $\frac{11.2}{33}$   $\frac{10.9}{22}$   $\frac{6.1}{15}$   $\frac{5.85}{10}$   $\frac{5.84}{10}$   $\frac{6.0}{13}$   $\frac{6.4}{16}$   $\frac{9.9}{21}$   $\frac{10.6}{31}$   $\frac{10.4}{50}$

$\frac{8.9}{50}$   $\frac{9.4}{33}$   $\frac{9.3}{30}$   $\frac{11.4}{29.26}$   $\frac{8.0}{24}$   $\frac{6.8}{18}$   $\frac{6.57}{10}$   $\frac{6.41}{6.41}$   $\frac{6.57}{10}$   $\frac{6.8}{16}$   $\frac{10.5}{21}$   $\frac{10.3}{33}$   $\frac{10.5}{50}$

$\frac{5.0}{50}$   $\frac{6.6}{36}$   $\frac{7.3}{33}$   $\frac{11.0}{30-27}$   $\frac{8.2}{24}$   $\frac{7.1}{19}$   $\frac{7.14}{10}$   $\frac{7.00}{7.00}$   $\frac{7.22}{10}$   $\frac{7.4}{16}$   $\frac{9.0}{25}$   $\frac{10.2}{33}$   $\frac{11.6}{50}$

$\frac{2.4}{50}$   $\frac{4.0}{37}$   $\frac{7.8}{33}$   $\frac{11.0}{29.26}$   $\frac{7.8}{21}$   $\frac{7.73}{10}$   $\frac{7.81}{7.60}$   $\frac{8.1}{10}$   $\frac{10.3}{15}$   $\frac{12.3}{19}$   $\frac{12.7}{30}$   $\frac{12.7}{50}$

$\frac{4.6}{50}$   $\frac{8.7}{33}$   $\frac{10.8}{29.27}$   $\frac{8.7}{24}$   $\frac{8.4}{18}$   $\frac{8.35}{10.812}$   $\frac{8.33}{10}$   $\frac{8.6}{14}$   $\frac{11.1}{19}$   $\frac{12.0}{26}$   $\frac{12.4}{29}$   $\frac{13.0}{50}$

$\frac{10.3}{50}$   $\frac{10.8}{33}$   $\frac{11.7}{27.23}$   $\frac{10.4}{20}$   $\frac{9.3}{17}$   $\frac{8.88}{10}$   $\frac{8.82}{8.61}$   $\frac{9.3}{10}$   $\frac{11.7}{15}$   $\frac{12.2}{19}$   $\frac{13.2}{22}$   $\frac{13.8}{35}$   $\frac{13.8}{50}$

$\frac{13.3}{50}$   $\frac{12.8}{33}$   $\frac{13.1}{29}$   $\frac{13.5}{28.26}$   $\frac{13.1}{25}$   $\frac{9.7}{15}$   $\frac{9.40}{10}$   $\frac{9.35}{10}$   $\frac{9.7}{17}$   $\frac{11.9}{19}$   $\frac{11.5}{23}$   $\frac{12.0}{26}$   $\frac{12.5}{35}$   $\frac{11.7}{50}$

$\frac{6.4}{50}$   $\frac{6.6}{40}$   $\frac{6.5}{29}$   $\frac{7.4}{28.26}$   $\frac{5.8}{24}$   $\frac{4.0}{15}$   $\frac{3.87}{10}$   $\frac{3.85}{3.66}$   $\frac{4.1}{10}$   $\frac{5.6}{17}$   $\frac{4.5}{20.21}$   $\frac{4.5}{22}$   $\frac{4.0}{35}$   $\frac{4.0.7}{50}$

$\frac{6.2}{50}$   $\frac{6.2}{33}$   $\frac{5.3}{26}$   $\frac{4.3}{15}$   $\frac{4.23}{10}$   $\frac{4.17}{4.17}$   $\frac{4.30}{10}$   $\frac{4.5}{17}$   $\frac{5.8}{21}$   $\frac{6.3}{28}$   $\frac{2.5}{33}$   $\frac{2.6}{50}$

$\frac{5.4}{50}$   $\frac{5.4}{33}$   $\frac{5.2}{21}$   $\frac{4.88}{10}$   $\frac{4.70}{4.70}$   $\frac{4.80}{10}$   $\frac{5.3}{17}$   $\frac{6.7}{19.21}$   $\frac{4.6}{25}$   $\frac{4.1}{33}$   $\frac{3.7}{50}$

$\frac{5.0}{50}$   $\frac{5.4}{33}$   $\frac{5.4}{17}$   $\frac{5.39}{10}$   $\frac{5.18}{5.18}$   $\frac{5.30}{10}$   $\frac{5.5}{15}$   $\frac{6.5}{18-21}$   $\frac{5.9}{22}$   $\frac{4.5}{27}$   $\frac{4.8}{50}$

| Sta.   | +    | $\pi$  | -    | Elev.  |
|--------|------|--------|------|--------|
|        |      | 965.56 |      |        |
| 100+50 |      |        | 5.65 |        |
| 101    |      |        | 6.20 |        |
| +50    |      |        | 6.80 |        |
| 102    |      |        | 7.32 |        |
| +50    |      |        | 7.96 |        |
| T.P.   | 2.02 | 961.19 | 6.39 | 959.17 |
| 103    |      |        | 4.01 |        |
| +50    |      |        | 4.55 |        |
| 104    |      |        | 5.04 |        |
| +50    |      |        | 5.48 |        |
| 105    |      |        | 6.03 |        |
| +40    |      |        | 6.1  |        |
| +56    |      |        | 6.1  |        |



LH.

K

R+

$\frac{5.3}{50}$   $\frac{5.8}{33}$   $\frac{5.8}{18}$   $\frac{5.84}{10}$   $\frac{5.78}{10}$   $\frac{6.0}{16}$   $\frac{8.0}{20-23}$   $\frac{5.2}{29}$   $\frac{5.3}{50}$

$\frac{7.0}{50}$   $\frac{7.2}{33}$   $\frac{8.4}{30}$   $\frac{9.9}{27-25}$   $\frac{8.4}{19}$   $\frac{6.5}{14}$   $\frac{6.50}{10}$   $\frac{6.20}{10}$   $\frac{6.35}{10}$   $\frac{6.6}{17}$   $\frac{10.5}{22-24}$   $\frac{7.3}{31}$   $\frac{6.4}{50}$

$\frac{8.0}{50}$   $\frac{8.6}{31}$   $\frac{10.5}{26-23}$   $\frac{9.6}{18}$   $\frac{7.2}{14}$   $\frac{7.00}{10}$   $\frac{6.90}{10}$   $\frac{7.0}{15}$   $\frac{9.7}{20}$   $\frac{11.0}{24-27}$   $\frac{8.6}{32}$   $\frac{7.8}{35}$   $\frac{7.2}{50}$

$\frac{5.4}{50}$   $\frac{6.4}{38}$   $\frac{10.5}{29}$   $\frac{10.3}{24}$   $\frac{9.9}{19}$   $\frac{7.8}{15}$   $\frac{7.57}{10}$   $\frac{7.32}{10}$   $\frac{7.47}{10}$   $\frac{7.6}{15}$   $\frac{9.5}{20}$   $\frac{11.0}{24}$   $\frac{11.6}{25-27}$   $\frac{9.4}{32}$   $\frac{9.5}{50}$

$\frac{5.8}{50}$   $\frac{7.8}{26}$   $\frac{8.14}{10}$   $\frac{7.96}{10}$   $\frac{8.20}{10}$   $\frac{8.3}{17}$   $\frac{11.9}{23-25}$   $\frac{10.1}{31}$   $\frac{9.5}{50}$

$\frac{1.15}{50}$   $\frac{3.5}{33}$   $\frac{3.7}{24}$   $\frac{4.13}{10}$   $\frac{4.22}{10}$   $\frac{4.6}{20}$   $\frac{7.7}{24-27}$   $\frac{5.3}{30}$   $\frac{5.2}{50}$

$\frac{2.6}{50}$   $\frac{4.3}{29}$   $\frac{4.4}{14}$   $\frac{4.68}{10}$   $\frac{4.74}{10}$   $\frac{5.2}{19}$   $\frac{8.0}{24-27}$   $\frac{5.4}{30}$   $\frac{4.9}{36}$   $\frac{4.3}{50}$

$\frac{8.3}{50}$   $\frac{7.9}{34}$   $\frac{7.7}{30}$   $\frac{8.6}{29-26}$   $\frac{7.0}{22-16}$   $\frac{5.1}{10}$   $\frac{5.22}{50}$   $\frac{5.23}{10}$   $\frac{5.3}{20}$   $\frac{8.2}{23-26}$   $\frac{5.7}{28}$   $\frac{4.7}{37}$   $\frac{3.4}{50}$

$\frac{7.4}{50}$   $\frac{8.4}{32}$   $\frac{7.0}{27}$   $\frac{8.4}{24}$   $\frac{9.1}{21}$   $\frac{5.7}{16}$   $\frac{5.68}{10}$   $\frac{5.48}{10}$   $\frac{5.65}{10}$   $\frac{5.4}{28}$   $\frac{4.8}{33}$   $\frac{4.0}{50}$

$\frac{9.9}{50}$   $\frac{8.8}{31}$   $\frac{8.5}{27}$   $\frac{9.0}{25}$   $\frac{8.6}{24}$   $\frac{8.0}{21}$   $\frac{6.2}{17}$   $\frac{6.20}{10}$   $\frac{6.03}{10}$   $\frac{6.16}{10}$   $\frac{6.0}{23}$   $\frac{5.5}{38}$   $\frac{5.1}{50}$

$\frac{9.5}{50}$   $\frac{8.7}{41}$   $\frac{6.8}{32}$   $\frac{6.6}{23}$   $\frac{6.3}{10}$   $\frac{6.1}{6.1}$   $\frac{6.4}{28}$   $\frac{6.3}{41}$   $\frac{6.2}{50}$

$\frac{6.4}{50}$   $\frac{6.2}{21}$   $\frac{6.1}{27}$   $\frac{6.1}{50}$

| Sta.      | $\gamma$ | $\pi$    | -              | Elev.  |         |
|-----------|----------|----------|----------------|--------|---------|
|           |          | 961.19   |                |        |         |
| 105467.80 |          |          | 6.2            |        |         |
| B.M.      | 4.87     | 959.82   | 6.23           | 954.96 | 954.95' |
| 106       |          |          | 55.0           |        |         |
| +50       |          |          | 54.6           |        |         |
| 107       |          |          | 54.7           |        |         |
| +50       |          |          | 54.7           |        |         |
| +77       |          | 12" x 44 | 54.7<br>x 54.7 |        |         |
| +83       |          |          | 54.7           |        |         |
| 108       |          |          | 54.7           |        |         |
| +50       |          |          | 54.8           |        |         |
| 109       |          |          | 54.9           |        |         |
| +50       |          |          | 55.0           |        |         |
| 110       |          |          | 54.8           |        |         |

L1.

K

R1.

$$\frac{6.1}{50}$$

$$6.2 \quad \frac{6.1}{50}$$

S.E. Cor. Top M.H. Slab - S.W. Cor. Snelling &amp; Co Rd B

$$\frac{6.2}{50} \quad \frac{5.1}{31} \quad \frac{5.2}{27} \quad \frac{5.3}{18} \quad 48 \quad \frac{5.3}{17} \quad \frac{5.0}{50}$$

$$\frac{4.6}{50} \quad \frac{5.2}{32} \quad \frac{6.5}{25} \quad \frac{7.2}{24.21} \quad \frac{5.5}{15} \quad 5.2 \quad \frac{5.6}{17} \quad \frac{6.0}{50}$$

$$\frac{4.6}{50} \quad \frac{5.1}{31} \quad \frac{7.7}{26} \quad \frac{7.7}{20} \quad \frac{5.6}{15} \quad 5.1 \quad \frac{5.3}{10} \quad \frac{9.8}{19.40} \quad \frac{11.4}{50}$$

$$\frac{9.1}{50} \quad \frac{8.5}{28} \quad \frac{9.3}{25} \quad \frac{9.1}{20} \quad \frac{5.2}{14} \quad 5.1 \quad \frac{5.4}{10} \quad \frac{10.4}{21} \quad \frac{10.3}{26} \quad \frac{9.2}{31} \quad \frac{9.7}{50}$$

Inv

$$\frac{10.5}{50} \quad \frac{10.6}{33} \quad \frac{13.0}{24} \quad \frac{12.5}{24} \quad \frac{6.1}{14}$$

$$5.1 \quad \frac{5.5}{10} \quad \frac{12.99}{20} \quad \frac{12.4}{20} \quad \frac{10.4}{24} \quad \frac{8.0}{29} \quad \frac{8.0}{50}$$

$$\frac{10.5}{50} \quad \frac{10.3}{34} \quad \frac{9.4}{21} \quad \frac{6.1}{13} \quad 5.1$$

$$\frac{5.6}{10} \quad \frac{8.3}{17} \quad \frac{7.8}{29} \quad \frac{8.0}{50}$$

$$\frac{10.4}{50} \quad \frac{9.9}{33} \quad \frac{9.7}{21} \quad \frac{6.2}{13}$$

$$5.1 \quad \frac{5.6}{10} \quad \frac{8.3}{17} \quad \frac{8.0}{26} \quad \frac{7.5}{29} \quad \frac{7.3}{50}$$

$$\frac{7.6}{50} \quad \frac{8.1}{31} \quad \frac{8.1}{18} \quad \frac{5.8}{14}$$

$$5.0 \quad \frac{5.4}{11} \quad \frac{6.9}{18} \quad \frac{6.9}{25} \quad \frac{6.2}{30} \quad \frac{5.8}{50}$$

$$\frac{3.5}{50} \quad \frac{3.7}{31} \quad \frac{4.9}{29} \quad \frac{5.8}{22} \quad \frac{7.0}{19-17} \quad \frac{5.6}{13}$$

$$4.9 \quad \frac{5.1}{9} \quad \frac{5.5}{14} \quad \frac{7.5}{20} \quad \frac{7.0}{24} \quad \frac{1.9}{33} \quad \frac{2.0}{50}$$

$$\frac{4.6}{50} \quad \frac{4.6}{31} \quad \frac{7.6}{25} \quad \frac{7.7}{19} \quad \frac{5.5}{13}$$

$$4.8 \quad \frac{5.0}{10} \quad \frac{5.4}{13} \quad \frac{7.4}{21} \quad \frac{6.9}{24} \quad \frac{2.4}{33} \quad \frac{2.8}{50}$$

$$\frac{4.2}{50} \quad \frac{4.1}{38} \quad \frac{5.7}{27} \quad \frac{8.1}{23} \quad \frac{8.1}{20} \quad \frac{5.9}{14} \quad \frac{5.4}{11}$$

$$5.0 \quad \frac{5.2}{9} \quad \frac{5.6}{12} \quad \frac{7.6}{17} \quad \frac{7.7}{23} \quad \frac{4.9}{30} \quad \frac{3.9}{50}$$

| Sta | + | ↑ | - | Elev |
|-----|---|---|---|------|
|-----|---|---|---|------|

95982

110+50

54.7

111

54.6

+50

54.2

112

54.0

T.P.

2.96

956.30

6.48

953.34

+50

53.4

113

52.7

+50

114

+50

115

+50

116

L1.

K

R1.

$$\frac{7.0}{50} \quad \frac{7.1}{32} \quad \frac{6.9}{24} \quad \frac{7.4}{22} \quad \frac{7.4}{19} \quad \frac{5.9}{14} \quad 5.1 \quad \frac{5.5}{10} \quad \frac{6.0}{14} \quad \frac{8.1}{19} \quad \frac{8.1}{22} \quad \frac{6.6}{27} \quad \frac{5.3}{32} \quad \frac{4.7}{50}$$

$$\frac{7.0}{50} \quad \frac{6.4}{32} \quad \frac{6.9}{23} \quad \frac{7.8}{21} \quad \frac{7.8}{19} \quad \frac{6.2}{50} \quad \frac{5.5}{11} \quad 5.2 \quad \frac{5.6}{10} \quad \frac{6.2}{14} \quad \frac{8.0}{20} \quad \frac{8.0}{23} \quad \frac{7.5}{24} \quad \frac{6.1}{32} \quad \frac{5.8}{50}$$

$$\frac{5.5}{50} \quad \frac{4.9}{32} \quad \frac{5.8}{27} \quad \frac{6.0}{23} \quad \frac{7.2}{20-18} \quad \frac{6.3}{14} \quad \frac{6.0}{11} \quad 5.6 \quad \frac{5.9}{10} \quad \frac{6.3}{13} \quad \frac{8.8}{20-22} \quad \frac{5.0}{31} \quad \frac{5.3}{50}$$

$$\frac{5.3}{50} \quad \frac{4.3}{32} \quad \frac{6.2}{26} \quad \frac{6.3}{19} \quad \frac{7.1}{18} \quad \frac{6.5}{17} \quad \frac{6.2}{10} \quad 5.8 \quad \frac{6.1}{10} \quad \frac{6.7}{14} \quad \frac{7.9}{19-23} \quad \frac{4.8}{22} \quad \frac{5.5}{50}$$

$$\frac{2.5}{50} \quad \frac{2.5}{32} \quad \frac{3.5}{26} \quad \frac{4.0}{20} \quad \frac{3.7}{16} \quad \frac{3.4}{10} \quad 2.9 \quad \frac{3.1}{10} \quad \frac{3.6}{14} \quad \frac{5.0}{20} \quad \frac{5.0}{22} \quad \frac{2.7}{29} \quad \frac{2.7}{50}$$

$$\frac{3.0}{50} \quad \frac{3.3}{32} \quad \frac{3.6}{28} \quad \frac{4.5}{23} \quad \frac{5.1}{20-18} \quad \frac{4.1}{13} \quad 3.6 \quad \frac{3.9}{10} \quad \frac{8.2}{14} \quad \frac{5.9}{20-22} \quad \frac{3.0}{32} \quad \frac{3.1}{50}$$

$$\frac{3.9}{50} \quad \frac{3.1}{32} \quad \frac{3.7}{29} \quad \frac{4.9}{27} \quad \frac{5.3}{21} \quad \frac{5.3}{19} \quad \frac{4.7}{15} \quad \frac{4.3}{11} \quad 4.0 \quad \frac{4.3}{10} \quad \frac{5.0}{15} \quad \frac{6.1}{20-22} \quad \frac{3.4}{30} \quad \frac{3.8}{50}$$

$$\frac{4.6}{50} \quad \frac{4.3}{30} \quad \frac{4.5}{28} \quad \frac{5.3}{21-19} \quad \frac{5.1}{16} \quad \frac{4.8}{10} \quad 4.5 \quad \frac{4.9}{10} \quad \frac{5.7}{15} \quad \frac{6.9}{20-22} \quad \frac{5.0}{28} \quad \frac{5.9}{50}$$

$$\frac{5.9}{50} \quad \frac{6.2}{32} \quad \frac{7.1}{23} \quad \frac{7.2}{19} \quad \frac{5.9}{15} \quad \frac{5.4}{11} \quad 5.0 \quad \frac{5.3}{10} \quad \frac{5.9}{13} \quad \frac{7.4}{19} \quad \frac{7.3}{27} \quad \frac{7.0}{32} \quad \frac{7.5}{50}$$

$$\frac{7.4}{50} \quad \frac{7.6}{32} \quad \frac{7.9}{20} \quad \frac{6.7}{15} \quad \frac{5.9}{10} \quad 5.5 \quad \frac{6.0}{10} \quad \frac{6.6}{14} \quad \frac{8.3}{20} \quad \frac{7.9}{33} \quad \frac{8.2}{50}$$

$$\frac{7.9}{50} \quad \frac{7.8}{32} \quad \frac{8.0}{24} \quad \frac{8.4}{22-19} \quad \frac{7.0}{16} \quad \frac{6.2}{10} \quad 6.1 \quad \frac{6.4}{10} \quad \frac{6.8}{14} \quad \frac{8.7}{20} \quad \frac{8.2}{32} \quad \frac{8.6}{50}$$

$$\frac{7.9}{50} \quad \frac{8.2}{32} \quad \frac{8.5}{20} \quad \frac{6.8}{16} \quad \frac{6.5}{10} \quad 6.5 \quad \frac{6.8}{10} \quad \frac{7.5}{15} \quad \frac{9.0}{21} \quad \frac{9.1}{25} \quad \frac{8.7}{32} \quad \frac{9.3}{50}$$



| Sta | + | Δ | - | Elev |
|-----|---|---|---|------|
|-----|---|---|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 956.30 |  |  |
|--|--|--------|--|--|

|     |     |  |  |  |
|-----|-----|--|--|--|
| 116 | +50 |  |  |  |
|-----|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 117 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 118 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|      |     |        |      |        |        |
|------|-----|--------|------|--------|--------|
| B.M. | 351 | 954.20 | 5.70 | 950.60 | 950.69 |
|------|-----|--------|------|--------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| 119 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 120 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 121 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 122 |  |  |  |  |
|-----|--|--|--|--|

|     |      |        |      |        |
|-----|------|--------|------|--------|
| T.P | 5.93 | 953.28 | 6.85 | 947.35 |
|-----|------|--------|------|--------|

Lt.

2

R1.

$$\frac{7.9}{50} \frac{8.4}{32} \frac{8.9}{20} \frac{7.2}{15} \frac{6.7}{11} 6.6 \frac{7.1}{10} \frac{7.5}{15} \frac{9.1}{23-24} \frac{8.5}{30} \frac{9.2}{50}$$

$$\frac{7.8}{50} \frac{8.5}{32} \frac{8.8}{20} \frac{7.4}{15} \frac{6.9}{11} 6.7 \frac{7.1}{10} \frac{7.6}{12} \frac{8.7}{21} \frac{8.4}{32} \frac{8.9}{50}$$

$$\frac{8.7}{50} \frac{9.0}{32} \frac{9.2}{20} \frac{7.5}{16} \frac{7.0}{11} 6.8 \frac{7.1}{10} \frac{7.7}{16} \frac{8.8}{21} \frac{8.3}{32} \frac{8.8}{50}$$

$$\frac{8.8}{50} \frac{8.6}{32} \frac{8.9}{20} \frac{7.7}{16} \frac{6.9}{11} 6.7 \frac{7.2}{10} \frac{7.6}{17} \frac{9.6}{21-24} \frac{7.5}{30} \frac{8.1}{50}$$

$$\frac{7.9}{50} \frac{7.6}{32} \frac{8.4}{20} \frac{7.5}{17} \frac{6.8}{10} 6.7 \frac{7.0}{10} \frac{7.4}{17} \frac{9.6}{22} \frac{9.6}{24} \frac{7.7}{30} \frac{8.2}{50}$$

Spk in 15" Oak 100 Lt Sta 118+85

$$\frac{5.5}{50} \frac{5.6}{33} \frac{5.8}{23} \frac{6.0}{21} \frac{6.0}{19} \frac{5.3}{16} \frac{4.6}{11} 4.6 \frac{4.9}{10} \frac{5.7}{18} \frac{7.4}{23-26} \frac{5.8}{28} \frac{6.1}{50}$$

$$\frac{5.8}{50} \frac{5.9}{33} \frac{6.0}{19} \frac{5.6}{16} \frac{4.8}{11} 4.5 \frac{4.9}{9} \frac{5.4}{17} \frac{7.7}{22} \frac{7.7}{24} \frac{6.1}{27} \frac{6.5}{50}$$

$$\frac{5.9}{50} \frac{6.1}{33} \frac{6.2}{20} \frac{5.4}{16} \frac{4.8}{10} 4.6 \frac{4.9}{10} \frac{5.5}{18} \frac{6.7}{22} \frac{6.7}{25} \frac{5.9}{28} \frac{6.5}{50}$$

$$\frac{5.6}{50} \frac{5.6}{33} \frac{5.6}{19} \frac{4.9}{10} 4.7 \frac{5.0}{10} \frac{5.7}{17} \frac{7.5}{23} \frac{7.5}{25} \frac{5.5}{29} \frac{6.2}{50}$$

$$\frac{5.9}{50} \frac{5.9}{33} \frac{5.1}{19} \frac{5.0}{10} 4.9 \frac{5.2}{10} \frac{5.8}{18} \frac{8.0}{23} \frac{8.0}{26} \frac{6.0}{28} \frac{6.5}{50}$$

$$\frac{5.8}{50} \frac{5.9}{33} \frac{5.8}{19} \frac{6.0}{15} \frac{5.5}{10} 5.2 \frac{5.5}{10} \frac{5.8}{18} \frac{7.8}{23-25} \frac{6.0}{28} \frac{6.4}{50}$$

$$\frac{6.3}{50} \frac{6.4}{33} \frac{6.3}{22} \frac{5.8}{11} 5.5 \frac{5.8}{10} \frac{6.3}{16} \frac{8.5}{21-23} \frac{6.2}{28} \frac{6.8}{50}$$

Sta +  $\pi$  - Elev

95328

122+50

123

+50

124

+50

125

+50

126

+50

127

+50

128

Lt

X

Rt

$$\frac{6.5}{50} \quad \frac{6.3}{36} \quad \frac{6.0}{18} \quad \frac{5.2}{11} \quad 48 \quad \frac{5.1}{9} \quad \frac{5.5}{16} \quad \frac{7.7}{22-24} \quad \frac{5.5}{28} \quad \frac{6.3}{50}$$

$$\frac{6.7}{50} \quad \frac{6.8}{36} \quad \frac{7.1}{31} \quad \frac{5.6}{18} \quad \frac{5.4}{10} \quad 49 \quad \frac{5.2}{10} \quad \frac{5.6}{16} \quad \frac{8.2}{22-24} \quad \frac{6.0}{28} \quad \frac{6.9}{50}$$

$$\frac{6.9}{50} \quad \frac{6.7}{35} \quad \frac{6.9}{21} \quad \frac{6.0}{17} \quad \frac{5.3}{11} \quad 5.1 \quad \frac{5.3}{10} \quad \frac{5.6}{17} \quad \frac{7.5}{22} \quad \frac{7.5}{50}$$

$$\frac{6.7}{50} \quad \frac{6.7}{35} \quad \frac{6.7}{20} \quad \frac{5.9}{16} \quad \frac{5.5}{11} \quad 5.1 \quad \frac{5.4}{10} \quad \frac{5.9}{16} \quad \frac{7.5}{22} \quad \frac{7.9}{50}$$

$$\frac{6.8}{50} \quad \frac{7.0}{36} \quad \frac{7.2}{20} \quad \frac{5.9}{16} \quad \frac{5.3}{10} \quad 5.0 \quad \frac{5.3}{10} \quad \frac{5.6}{16} \quad \frac{7.6}{22} \quad \frac{8.0}{50}$$

$$\frac{6.8}{50} \quad \frac{7.0}{36} \quad \frac{7.1}{22} \quad \frac{5.8}{16} \quad \frac{5.3}{10} \quad 5.1 \quad \frac{5.5}{10} \quad \frac{6.1}{16} \quad \frac{7.3}{23} \quad \frac{8.1}{50}$$

$$\frac{6.8}{50} \quad \frac{6.6}{22} \quad \frac{6.0}{18} \quad \frac{5.1}{10} \quad 5.0 \quad \frac{5.5}{10} \quad \frac{6.1}{16} \quad \frac{8.2}{23} \quad \frac{7.9}{50}$$

$$\frac{6.6}{50} \quad \frac{6.7}{34} \quad \frac{6.1}{21} \quad \frac{5.4}{16} \quad \frac{4.9}{11} \quad 47 \quad \frac{5.1}{10} \quad \frac{5.8}{17} \quad \frac{8.5}{25} \quad \frac{7.8}{28} \quad \frac{7.2}{50}$$

$$\frac{6.3}{50} \quad \frac{5.9}{21} \quad \frac{5.1}{17} \quad \frac{4.6}{10} \quad 42 \quad \frac{4.7}{11} \quad \frac{5.7}{17} \quad \frac{8.1}{25} \quad \frac{7.1}{28} \quad \frac{6.7}{50}$$

$$\frac{6.3}{50} \quad \frac{6.2}{29} \quad \frac{5.7}{22} \quad \frac{4.8}{18} \quad \frac{4.1}{10} \quad 3.7 \quad \frac{4.2}{11} \quad \frac{4.8}{17} \quad \frac{7.4}{25} \quad \frac{6.1}{29} \quad \frac{6.2}{50}$$

$$\frac{5.7}{50} \quad \frac{5.6}{22} \quad \frac{4.3}{17} \quad \frac{3.8}{10} \quad 3.4 \quad \frac{3.8}{11} \quad \frac{4.4}{13} \quad \frac{7.9}{24} \quad \frac{6.0}{29} \quad \frac{5.6}{50}$$

$$\frac{5.8}{50} \quad \frac{5.8}{30} \quad \frac{5.5}{23} \quad \frac{4.2}{18} \quad \frac{3.5}{10} \quad 3.1 \quad \frac{3.5}{10} \quad \frac{4.2}{17} \quad \frac{6.1}{23} \quad \frac{5.7}{25} \quad \frac{6.2}{31} \quad \frac{5.7}{50}$$

Sta      +       $\pi$       -      Elev

953.28

128+50

129

B.M      9.21      959.76      2.72      950.56      950.55

+50

+50

130

+50

131

+50

+72

+82

+86

132+01.76

± Hamline Ave

B.M      4.20      959.76      4.20      955.56      955.55



Lt

2

Rt

$$\frac{61}{50} \quad \frac{54}{23} \quad \frac{38}{17} \quad \frac{30}{10} \quad 28 \quad \frac{31}{10} \quad \frac{37}{16} \quad \frac{65}{25} \quad \frac{57}{38} \quad \frac{58}{50}$$

$$\frac{48}{50} \quad \frac{45}{22} \quad \frac{28}{16} \quad \frac{23}{10} \quad 2.1 \quad \frac{2.5}{10} \quad \frac{32}{17} \quad \frac{60}{26} \quad \frac{48}{40} \quad \frac{52}{50}$$

Top U.S.G.S. #G 11 28' Rt Sta 129 + 50

$$\frac{8.5}{50} \quad \frac{8.9}{18} \quad \frac{8.2}{15} \quad \frac{7.8}{10} \quad 7.7 \quad \frac{80}{10} \quad \frac{8.7}{18} \quad \frac{10.2}{23} \quad \frac{9.1}{30} \quad \frac{8.9}{50}$$

$$\frac{6.9}{50} \quad \frac{7.3}{26} \quad \frac{8.2}{23} \quad \frac{8.2}{20} \quad \frac{7.8}{18} \quad \frac{7.1}{10} \quad \frac{7.7}{17} \quad \frac{10.4}{25-29} \quad \frac{7.6}{33} \quad \frac{7.8}{50}$$

$$\frac{5.2}{50} \quad \frac{4.9}{33} \quad \frac{7.7}{23-20} \quad \frac{6.5}{14} \quad \frac{6.1}{10} \quad 5.9 \quad \frac{6.1}{10} \quad \frac{6.6}{17} \quad \frac{8.9}{22} \quad \frac{9.0}{28} \quad \frac{6.9}{32} \quad \frac{7.5}{50}$$

$$\frac{4.5}{50} \quad \frac{3.5}{36} \quad \frac{5.6}{26} \quad \frac{5.4}{10} \quad 5.2 \quad \frac{5.4}{10} \quad \frac{60}{16} \quad \frac{7.5}{22} \quad \frac{7.3}{28} \quad \frac{5.7}{31} \quad \frac{7.4}{50}$$

$$\frac{2.9}{50} \quad \frac{30}{43} \quad \frac{46}{34} \quad \frac{5.5}{23} \quad \frac{5.2}{10} \quad 4.9 \quad \frac{5.1}{10} \quad \frac{5.4}{16} \quad \frac{6.7}{21-23} \quad \frac{4.7}{28} \quad \frac{7.4}{50}$$

$$\frac{2.6}{50} \quad \frac{41}{38} \quad \frac{5.4}{20} \quad \frac{4.9}{10} \quad 4.5 \quad \frac{4.9}{12} \quad \frac{5.2}{21} \quad \frac{4.3}{24} \quad \frac{4.2}{32} \quad \frac{6.9}{50}$$

$$\frac{5.0}{50} \quad \frac{5.1}{29} \quad \frac{4.7}{12} \quad 4.4 \quad \frac{4.6}{13} \quad \frac{4.9}{24} \quad \frac{4.3}{29} \quad \frac{7.0}{50}$$

$$\frac{4.8}{50} \quad \frac{4.8}{23} \quad 4.3 \quad \frac{4.5}{19} \quad \frac{4.2}{38} \quad \frac{4.1}{50}$$

$$\frac{4.3}{100} \quad \frac{4.5}{50} \quad 4.20 \quad \frac{3.7}{50} \quad \frac{3.0}{100}$$

Top Mon Co. Rd 'B' & Hamline

Sta +  $\pi$  - Elev

959.76

132+15

55.4

+50

54.7

133

54.3

+50

54.1

134

54.0

+50

53.8

135

54.0

T.P.

6.51

960.36

5.91

953.85

+50

53.9

136

53.8

+50

53.9

137

54.2

+50

54.7

L1.      2      R+

$$\frac{5.3}{50} \quad \frac{4.6}{15} \quad 4.4 \quad \frac{4.6}{17} \quad \frac{4.6}{38} \quad \frac{4.5}{50}$$

$$\frac{4.9}{50} \quad \frac{5.8}{25} \quad \frac{5.4}{12} \quad 5.1 \quad \frac{5.5}{10} \quad \frac{5.9}{12} \quad \frac{5.4}{29} \quad \frac{4.4}{50}$$

$$\frac{4.1}{50} \quad \frac{5.3}{29} \quad \frac{6.1}{22} \quad \frac{5.8}{12} \quad 5.5 \quad \frac{6.0}{10} \quad \frac{6.0}{31} \quad \frac{5.3}{50}$$

$$\frac{5.7}{50} \quad \frac{6.3}{29} \quad \frac{6.5}{17} \quad \frac{6.1}{11} \quad 5.7 \quad \frac{5.9}{9} \quad \frac{6.2}{13} \quad \frac{7.2}{19} \quad \frac{6.8}{21} \quad \frac{6.1}{50}$$

$$\frac{10.3}{50} \quad \frac{9.8}{26} \quad \frac{7.0}{20} \quad \frac{6.3}{11} \quad 5.8 \quad \frac{6.1}{10} \quad \frac{6.8}{15} \quad \frac{7.0}{23} \quad \frac{6.9}{30} \quad \frac{7.0}{50}$$

$$\frac{10.8}{50} \quad \frac{10.5}{27} \quad \frac{7.5}{20} \quad \frac{6.4}{11} \quad 6.0 \quad \frac{6.1}{12} \quad \frac{8.8}{21} \quad \frac{8.6}{28} \quad \frac{7.0}{31} \quad \frac{7.1}{50}$$

$$\frac{10.8}{50} \quad \frac{10.5}{28} \quad \frac{7.1}{19} \quad \frac{6.3}{12} \quad 5.8 \quad \frac{6.2}{11} \quad \frac{7.7}{21} \quad \frac{7.2}{28} \quad \frac{5.6}{31} \quad \frac{2.8}{50}$$

$$\frac{10.4}{50} \quad \frac{10.4}{27} \quad \frac{7.6}{19} \quad \frac{6.7}{10} \quad 6.5 \quad \frac{7.0}{12} \quad \frac{9.2}{24} \quad \frac{9.0}{28} \quad \frac{7.4}{34} \quad \frac{5.1}{50}$$

$$\frac{11.4}{50} \quad \frac{10.8}{25} \quad \frac{7.1}{18} \quad \frac{6.7}{10} \quad 6.6 \quad \frac{7.1}{12} \quad \frac{8.0}{18} \quad \frac{11.9}{29} \quad \frac{12.1}{50}$$

$$\frac{11.0}{50} \quad \frac{10.5}{27} \quad \frac{7.5}{20} \quad \frac{6.7}{10} \quad 6.5 \quad \frac{7.1}{12} \quad \frac{8.0}{17} \quad \frac{12.0}{28} \quad \frac{12.4}{50}$$

$$\frac{11.4}{50} \quad \frac{11.2}{28} \quad \frac{7.3}{18} \quad \frac{6.4}{10} \quad 6.2 \quad \frac{6.6}{11} \quad \frac{8.0}{18} \quad \frac{12.2}{29} \quad \frac{12.7}{50}$$

$$\frac{11.7}{50} \quad \frac{11.1}{29} \quad \frac{6.7}{18} \quad \frac{5.9}{9} \quad 5.7 \quad \frac{6.3}{11} \quad \frac{7.3}{17} \quad \frac{12.0}{29} \quad \frac{12.2}{50}$$

| Sta | + | $\Sigma$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

960.36

138

55.2

+26

+35

+41

+45

55.7

+58

$\pm$  Dellwood Ave 55.9

+73

|      |     |        |      |        |
|------|-----|--------|------|--------|
| T.P. | 409 | 962.42 | 2.03 | 958.33 |
|------|-----|--------|------|--------|

+77

+90

56.3

139+07

56.5

+50

56.7

140

56.8

L1

Z

R1

$$\frac{7.4}{50} \quad \frac{5.8}{35} \quad \frac{6.4}{30} \quad \frac{6.6}{24} \quad \frac{5.7}{16} \quad \frac{5.4}{10} \quad 5.2 \quad \frac{5.5}{11} \quad \frac{6.4}{18} \quad \frac{9.8}{28} \quad \frac{10.8}{30}$$

$$\frac{5.4}{50} \quad \frac{4.2}{37} \quad \frac{4.1}{28} \quad \frac{5.3}{21} \quad \frac{4.9}{10} \quad 4.8 \quad \frac{5.1}{11} \quad \frac{5.8}{17} \quad \frac{6.5}{20} \quad \frac{7.0}{28} \quad \frac{7.5}{50}$$

$$\frac{7.8}{50} \quad \frac{6.8}{36} \quad \frac{5.4}{26} \quad \frac{4.9}{10} \quad 4.7 \quad \frac{5.0}{11} \quad \frac{6.2}{21} \quad \frac{5.9}{29} \quad \frac{6.2}{50}$$

$$\frac{7.8}{50} \quad \frac{7.1}{37} \quad \frac{5.8}{31} \quad \frac{4.8}{9} \quad 4.7 \quad \frac{5.0}{11} \quad \frac{5.4}{15} \quad \frac{6.0}{21} \quad \frac{4.8}{29} \quad \frac{5.1}{50}$$

$$\frac{6.4}{50} \quad \frac{5.4}{26} \quad \frac{4.8}{10} \quad 4.7 \quad \frac{4.9}{11} \quad \frac{5.4}{15} \quad \frac{6.0}{21} \quad \frac{4.1}{30} \quad \frac{4.3}{50}$$

$$\frac{7.7}{100} \quad \frac{6.0}{50} \quad \frac{5.3}{31} \quad \frac{4.7}{10} \quad 4.5 \quad \frac{4.8}{11} \quad \frac{5.3}{14} \quad \frac{5.8}{20} \quad \frac{2.2}{32} \quad \frac{2.0}{50}$$

$$\frac{6.2}{50} \quad \frac{5.6}{32} \quad \frac{4.4}{10} \quad 4.3 \quad \frac{4.6}{11} \quad \frac{4.9}{12} \quad \frac{5.4}{19} \quad \frac{0.0}{35} \quad \frac{0.0}{50}$$

$$\frac{9.6}{50} \quad \frac{8.0}{37} \quad \frac{7.3}{28} \quad \frac{6.4}{10} \quad 6.2 \quad \frac{6.6}{11} \quad \frac{7.2}{20} \quad \frac{4.9}{30} \quad \frac{1.6}{36} \quad \frac{1.2}{50}$$

$$\frac{9.6}{50} \quad \frac{8.3}{28} \quad \frac{6.9}{22} \quad \frac{6.4}{10} \quad 6.1 \quad \frac{6.5}{11} \quad \frac{6.9}{20} \quad \frac{4.4}{30} \quad \frac{0.4}{39} \quad \frac{0.7}{50}$$

$$\frac{5.7}{50} \quad \frac{4.9}{40} \quad \frac{3.5}{34} \quad \frac{6.3}{25} \quad \frac{6.2}{9} \quad 5.9 \quad \frac{6.3}{11} \quad \frac{6.8}{21} \quad \frac{4.9}{29} \quad \frac{0.0}{38} \quad \frac{0.4}{50}$$

$$\frac{6.4}{50} \quad \frac{5.0}{38} \quad \frac{3.1}{33} \quad \frac{5.7}{25} \quad \frac{5.9}{9} \quad 5.7 \quad \frac{5.8}{11} \quad \frac{5.5}{26} \quad \frac{3.7}{31} \quad \frac{2.3}{42} \quad \frac{2.6}{50}$$

$$\frac{9.4}{50} \quad \frac{8.7}{36} \quad \frac{7.4}{31} \quad \frac{6.1}{20} \quad \frac{5.9}{10} \quad 5.6 \quad \frac{5.6}{11} \quad \frac{5.6}{19} \quad \frac{4.8}{27} \quad \frac{1.3}{36} \quad \frac{0.6}{50}$$



| Sta    | +    | 7      | -    | Elev   |        |
|--------|------|--------|------|--------|--------|
|        |      | 962.42 |      |        |        |
| 140+50 |      |        |      | 57.1   |        |
| 141    |      |        |      | 57.4   |        |
| +50    |      |        |      | 57.3   |        |
| 142    |      |        |      | 57.3   |        |
| +50    |      |        |      | 56.8   |        |
| +86    |      |        |      |        |        |
| +90    |      |        |      |        |        |
| B.M    | 4.19 | 962.40 | 4.19 | 958.23 | 958.21 |
| 143    |      |        |      | 56.1   |        |
| +47    |      |        |      | 55.5   |        |
| 144    |      |        |      | 55.0   |        |
| +50    |      |        |      | 54.6   |        |
| T.P.   | 4.66 | 959.05 | 8.01 | 954.39 |        |

Lt.

L

Rt

$$\frac{11.7}{50} \quad \frac{10.8}{37} \quad \frac{8.1}{22} \quad \frac{6.3}{15} \quad \frac{5.6}{10} \quad 5.3 \quad \frac{5.4}{11} \quad \frac{5.5}{21} \quad \frac{4.8}{28} \quad \frac{2.4}{33} \quad \frac{1.1}{50}$$

$$\frac{11.3}{50} \quad \frac{10.2}{38} \quad \frac{5.9}{20} \quad \frac{5.5}{10} \quad 5.0 \quad \frac{5.1}{10} \quad \frac{5.5}{17} \quad \frac{4.4}{28} \quad \frac{2.8}{37} \quad \frac{2.5}{50}$$

$$\frac{11.4}{50} \quad \frac{9.5}{38} \quad \frac{5.6}{23} \quad \frac{6.1}{19} \quad \frac{5.4}{10} \quad 5.1 \quad \frac{5.2}{10} \quad \frac{5.8}{18} \quad \frac{5.0}{36} \quad \frac{3.7}{50}$$

$$\frac{10.5}{50} \quad \frac{5.3}{32} \quad \frac{5.8}{19} \quad \frac{5.6}{11} \quad 5.1 \quad \frac{5.6}{11} \quad \frac{6.6}{20} \quad \frac{5.1}{29} \quad \frac{3.0}{32} \quad \frac{2.2}{50}$$

$$\frac{10.1}{50} \quad \frac{6.0}{34} \quad \frac{6.5}{18} \quad \frac{5.9}{11} \quad 5.6 \quad \frac{5.9}{10} \quad \frac{6.7}{17} \quad \frac{6.6}{22} \quad \frac{2.7}{34} \quad \frac{2.8}{50}$$

$$\frac{11.4}{50} \quad \frac{10.0}{37} \quad \frac{6.9}{24} \quad \frac{7.3}{20} \quad \frac{6.4}{11} \quad 6.1 \quad \frac{6.3}{10} \quad \frac{6.9}{20} \quad \frac{2.3}{36} \quad \frac{1.8}{50}$$

$$\frac{11.3}{50} \quad \frac{10.1}{37} \quad \frac{6.9}{24} \quad \frac{7.7}{19} \quad \frac{6.5}{11} \quad 6.1 \quad \frac{6.4}{10} \quad \frac{6.5}{22} \quad \frac{4.9}{50}$$

Top N.E. Cor Bottom Step Ho 55' Rt Sta 143+08

$$\frac{11.3}{50} \quad \frac{9.0}{36} \quad \frac{7.1}{22} \quad \frac{8.0}{24-19} \quad \frac{7.0}{17} \quad \frac{6.6}{11} \quad 6.3 \quad \frac{6.5}{9} \quad \frac{7.0}{13} \quad \frac{7.0}{18} \quad \frac{4.6}{50}$$

$$\frac{10.8}{50} \quad \frac{10.4}{40} \quad \frac{9.2}{24} \quad \frac{8.8}{24} \quad \frac{9.2}{20} \quad \frac{7.6}{16} \quad \frac{7.3}{11} \quad 6.9 \quad \frac{7.2}{10} \quad \frac{7.9}{20} \quad \frac{6.2}{34} \quad \frac{5.4}{50}$$

$$\frac{12.0}{50} \quad \frac{11.7}{27} \quad \frac{8.4}{17} \quad \frac{7.8}{11} \quad 7.4 \quad \frac{7.8}{9} \quad \frac{8.7}{17} \quad \frac{12.3}{26} \quad \frac{12.7}{50}$$

$$\frac{10.1}{50} \quad \frac{11.4}{30} \quad \frac{11.4}{24} \quad \frac{8.6}{17} \quad \frac{8.1}{10} \quad 7.8 \quad \frac{8.3}{10} \quad \frac{10.0}{18} \quad \frac{13.3}{28} \quad \frac{14.4}{50}$$

| Sta | + | $\pi$ | -          | Elev |
|-----|---|-------|------------|------|
|     |   | 95905 |            |      |
| 145 |   |       |            | 545  |
| +20 |   |       | 2 Fernwood | 54.4 |
| +40 |   |       |            | 543  |
| +60 |   |       |            | 542  |
| 146 |   |       |            | 538  |
| +50 |   |       |            | 535  |
| +55 |   |       |            |      |
| 147 |   |       |            | 53.1 |
| +50 |   |       |            | 52.6 |
| 148 |   |       |            | 52.3 |
| +50 |   |       |            | 51.9 |
| 149 |   |       |            | 51.7 |

L1

2

R1

$$\frac{44}{50} \frac{5.0}{38} \frac{7.7}{29} \frac{7.7}{24} \frac{5.1}{17} \frac{4.8}{11} 46 \frac{5.1}{10} \frac{6.0}{27} \frac{6.7}{43} \frac{9.2}{50}$$

$$\frac{36}{50} \frac{4.7}{26} \frac{4.8}{10} \frac{4.7}{5}$$

$$47 \frac{5.2}{11} \frac{4.7}{31} \frac{6.2}{50} \frac{6.5}{100}$$

$$\frac{3.2}{50} \frac{4.6}{40} \frac{5.1}{31} \frac{5.6}{17} \frac{4.9}{11} 48 \frac{5.2}{10} \frac{5.9}{31} \frac{6.6}{50}$$

$$\frac{3.1}{50} \frac{4.4}{36} \frac{5.8}{31} \frac{6.1}{17} \frac{5.1}{11}$$

$$49 \frac{5.3}{11} \frac{5.7}{17} \frac{9.2}{28} \frac{10.4}{50}$$

$$\frac{3.5}{50} \frac{4.5}{36} \frac{5.7}{30} \frac{6.2}{17} \frac{5.6}{12} 5.3 \frac{5.7}{10} \frac{6.2}{16} \frac{8.7}{25} \frac{9.5}{50}$$

$$\frac{4.1}{50} \frac{5.9}{23} \frac{5.9}{11} 5.6 \frac{6.1}{9} \frac{6.6}{16} \frac{7.9}{19-22} \frac{6.9}{24} \frac{6.5}{50}$$

$$\frac{7.3}{50} \frac{7.7}{24} \frac{6.4}{19} \frac{6.2}{11} 5.7 \frac{6.1}{10} \frac{6.6}{16} \frac{7.9}{19-22} \frac{6.1}{27} \frac{6.2}{50}$$

$$\frac{10.2}{50} \frac{9.1}{29} \frac{8.2}{21} \frac{6.7}{17} \frac{6.3}{12} 6.0 \frac{6.3}{10} \frac{7.0}{17} \frac{7.5}{20} \frac{7.3}{24} \frac{2.4}{35} \frac{2.4}{50}$$

$$\frac{11.2}{50} \frac{9.3}{25} \frac{7.1}{17} \frac{6.7}{11} 6.5 \frac{6.7}{9} \frac{7.6}{16} \frac{8.7}{20} \frac{7.2}{27} \frac{2.4}{37} \frac{2.0}{50}$$

$$\frac{10.1}{50} \frac{8.8}{23} \frac{7.4}{17} \frac{7.1}{12} 6.8 \frac{7.1}{9} \frac{7.6}{17} \frac{9.0}{20} \frac{7.7}{27} \frac{4.2}{34} \frac{3.8}{50}$$

$$\frac{10.7}{50} \frac{9.5}{25} \frac{8.0}{18} \frac{7.6}{12} 7.2 \frac{7.4}{9} \frac{8.1}{17} \frac{8.8}{20} \frac{8.4}{23} \frac{3.1}{35} \frac{2.0}{50}$$

$$\frac{10.5}{50} \frac{7.8}{21} \frac{8.4}{18} \frac{7.8}{12} 7.4 \frac{7.7}{9} \frac{8.4}{15} \frac{9.6}{20-23} \frac{8.0}{28} \frac{7.6}{50}$$

| Sta    | +    | $\Delta$          | -    | Elev   |
|--------|------|-------------------|------|--------|
|        |      | 959.05            |      |        |
| 149+44 |      |                   |      | 51.4   |
| 150    |      |                   |      | 50.8   |
| +24    |      |                   |      | 50.5   |
| T.P.   | 2.49 | 953.27            | 8.27 | 950.78 |
| +60    |      |                   |      | 49.7   |
| 151    |      |                   |      | 49.3   |
| +09    |      | Profile Ditch Rt. |      |        |
| +68    |      | X Drain 24"       |      | 48.7   |
| +76    |      |                   |      |        |
| +82    |      |                   |      |        |
| 152    |      |                   |      | 48.5   |
| +50    |      |                   |      | 48.2   |
| 153    |      |                   |      | 48.0   |



L1.

2

R1.

$$\frac{11.4}{50} \frac{9.0}{22} \frac{8.3}{19} \frac{8.0}{12} 77 \frac{79.84}{91520} \frac{9.6}{26} \frac{8.1}{32} \frac{7.5}{50}$$

$$\frac{14.1}{50} \frac{13.0}{37} \frac{10.8}{23} \frac{9.0}{17} \frac{8.5}{12} 8.3 \frac{8.5}{10} \frac{9.2}{17} \frac{10.0}{20-23} \frac{5.0}{34} \frac{5.2}{50}$$

$$\frac{15.5}{50} \frac{14.3}{42} \frac{11.6}{24} \frac{9.4}{17} \frac{9.0}{11} 86 \frac{8.8}{10} \frac{9.8}{17} \frac{10.4}{20-22-26} \frac{9.3}{26} \frac{4.2}{35} \frac{4.5}{50}$$

$$\frac{8.8}{50} \frac{8.6}{28} \frac{4.6}{18} \frac{4.0}{11} 36 \frac{3.8}{10} \frac{4.6}{18-20-24} \frac{5.5}{28} \frac{4.4}{33} \frac{1.0}{33} \frac{0.4}{50}$$

$$\frac{10.3}{50} \frac{9.5}{30} \frac{5.7}{19} \frac{4.6}{11} 40 \frac{4.3}{10} \frac{5.2}{17} \frac{5.4}{28} \frac{3.5}{33} \frac{2.2}{50}$$

$$\frac{5.4}{50} \frac{5.2}{30} \frac{4.1}{50} \frac{3.2}{100} \frac{3.6}{142}$$

$$\frac{10.1}{50} \frac{9.3}{24} \frac{10.69}{24} \frac{5.7}{18} \frac{4.8}{10} 46 \frac{4.9}{10} \frac{5.6}{16} \frac{9.50}{19-22} \frac{8.8}{19} \frac{1.7}{33} \frac{1.3}{50}$$

$$\frac{10.1}{50} \frac{9.2}{32} \frac{6.8}{22} \frac{4.9}{11} 47 \frac{4.9}{10} \frac{5.5}{16} \frac{8.4}{21-23} \frac{3.7}{33} \frac{3.3}{50}$$

$$\frac{6.8}{50} \frac{6.1}{21} \frac{4.9}{11} 47 \frac{4.9}{10} \frac{5.6}{16} \frac{8.3}{20-22} \frac{3.6}{33} \frac{3.2}{41} \frac{3.9}{43} \frac{3.5}{50}$$

$$\frac{6.5}{50} \frac{5.5}{22} \frac{5.0}{11} 48 \frac{5.0}{10} \frac{5.5}{16} \frac{8.2}{20-22} \frac{3.7}{33} \frac{3.2}{41} \frac{3.9}{43} \frac{3.5}{50}$$

$$\frac{6.5}{50} \frac{6.5}{21} \frac{5.9}{15} \frac{5.4}{11} 5.1 \frac{5.3}{10} \frac{6.0}{16} \frac{8.2}{20-22} \frac{3.7}{33} \frac{3.3}{41} \frac{4.0}{43} \frac{3.6}{50}$$

$$\frac{6.5}{50} \frac{7.2}{23} \frac{6.0}{15} \frac{5.5}{10} 5.3 \frac{5.6}{10} \frac{6.2}{16} \frac{8.1}{20-22} \frac{3.9}{33} \frac{2.5}{41} \frac{4.2}{43} \frac{3.8}{50}$$

| Sta    | +    | $\pi$  | -    | Elev   |
|--------|------|--------|------|--------|
|        |      | 953.27 |      |        |
| 153+50 |      |        |      | 47.8   |
| T.P.   | 5.19 | 952.76 | 5.70 | 947.57 |
| 154    |      |        |      | 47.9   |
| +50    |      |        |      | 47.7   |
| 155    |      |        |      | 47.6   |
| +50    |      |        |      | 47.7   |
| 156    |      |        |      | 47.7   |
| +50    |      |        |      | 47.7   |
| 157    |      |        |      | 47.8   |
| +50    |      |        |      | 47.6   |
| 158    |      |        |      | 48.0   |
| +11    |      |        |      | 48.2   |
| +16    |      |        |      | 48.2   |

L1.

✱

R+

$$\frac{57}{50} \quad \frac{67}{22} \quad \frac{55}{11} \quad 55 \quad \frac{57}{10} \quad \frac{63}{17} \quad \frac{80}{20-22} \quad \frac{39}{33} \quad \frac{35}{41} \quad \frac{42}{43} \quad \frac{38}{50}$$

$$\frac{49}{50} \quad \frac{56}{27} \quad \frac{63}{22} \quad \frac{63}{20} \quad \frac{54}{17} \quad \frac{51}{12} \quad 49 \quad \frac{52}{11} \quad \frac{57}{17} \quad \frac{72}{20-22} \quad \frac{33}{33} \quad \frac{30}{42} \quad \frac{39}{44} \quad \frac{34}{50}$$

$$\frac{60}{50} \quad \frac{58}{33} \quad \frac{63}{22} \quad \frac{57}{17} \quad \frac{52}{12} \quad 51 \quad \frac{54}{11} \quad \frac{60}{18} \quad \frac{73}{20-22} \quad \frac{35}{33} \quad \frac{31}{42} \quad \frac{43}{45} \quad \frac{37}{50}$$

$$\frac{65}{50} \quad \frac{68}{24} \quad \frac{58}{18} \quad \frac{53}{13} \quad 52 \quad \frac{58}{11} \quad \frac{61}{16} \quad \frac{73}{20-22} \quad \frac{37}{33} \quad \frac{35}{42} \quad \frac{43}{45} \quad \frac{39}{50}$$

$$\frac{64}{50} \quad \frac{70}{26} \quad \frac{57}{17} \quad \frac{53}{12} \quad 51 \quad \frac{56}{12} \quad \frac{63}{17} \quad \frac{72}{20-23} \quad \frac{41}{33} \quad \frac{36}{42} \quad \frac{44}{45} \quad \frac{39}{50}$$

$$\frac{85}{50} \quad \frac{82}{27} \quad \frac{57}{14} \quad \frac{53}{10} \quad 51 \quad \frac{56}{11} \quad \frac{60}{17} \quad \frac{71}{20-22} \quad \frac{47}{33} \quad \frac{26}{33-35} \quad \frac{43}{35} \quad \frac{40}{46} \quad \frac{48}{46} \quad \frac{47}{50}$$

$$\frac{90}{50} \quad \frac{83}{26} \quad \frac{62}{18} \quad \frac{53}{10} \quad 51 \quad \frac{55}{11} \quad \frac{57}{17} \quad \frac{69}{20-22} \quad \frac{50}{33} \quad \frac{47}{50}$$

$$\frac{76}{50} \quad \frac{53}{41} \quad \frac{56}{18} \quad \frac{54}{10} \quad 50 \quad \frac{55}{13} \quad \frac{57}{18} \quad \frac{68}{21-23} \quad \frac{50}{28} \quad \frac{45}{33} \quad \frac{25}{33-35} \quad \frac{42}{35} \quad \frac{38}{50}$$

$$\frac{49}{50} \quad \frac{57}{16} \quad \frac{53}{9} \quad 52 \quad \frac{55}{12} \quad \frac{57}{17} \quad \frac{66}{20-22} \quad \frac{52}{27} \quad \frac{45}{33} \quad \frac{26}{33-35} \quad \frac{42}{35} \quad \frac{36}{50}$$

$$\frac{49}{50} \quad \frac{53}{17} \quad \frac{52}{9} \quad 48 \quad \frac{52}{17} \quad \frac{61}{24-26} \quad \frac{61}{30} \quad \frac{51}{33} \quad \frac{42}{33-35} \quad \frac{26}{35} \quad \frac{43}{35} \quad \frac{43}{50}$$

$$\frac{50}{50} \quad \frac{54}{17} \quad \frac{49}{9} \quad 46 \quad \frac{47}{14} \quad \frac{53}{27} \quad \frac{60}{31} \quad \frac{60}{50}$$

$$\frac{50}{50} \quad \frac{54}{25} \quad \frac{51}{17} \quad 46 \quad \frac{48}{23} \quad \frac{54}{37} \quad \frac{55}{50}$$

| Sta       | +    | $\Delta$        | -    | Elev   |
|-----------|------|-----------------|------|--------|
|           |      | 952.76          |      |        |
| 158+23.50 |      | West Edge Pav   |      | 948.06 |
| +36.95    |      | $\pm$ Lexington |      | 948.25 |
| +50.50    |      | East Edge Pav   |      | 948.10 |
| +56       |      |                 |      | 948.2  |
| +61       |      |                 |      | 948.2  |
| 159       |      |                 |      | 947.8  |
| BM        | 8.43 | 956.59          | 4.56 | 948.20 |
| +50       |      |                 |      | 948.16 |
| +50       |      |                 |      | 948.0  |
| +75       |      |                 |      | 948.3  |
| +80       |      |                 |      | 948.4  |
| +90       |      |                 |      | 948.5  |
| 160       |      |                 |      | 948.7  |
| +50       |      |                 |      | 949.7  |

L+

Z

R+

$$\frac{5.00}{50}$$

470

$$\frac{4.90}{50}$$

$$\frac{4.66}{100}$$

$$\frac{4.61}{50}$$

451

$$\frac{4.45}{50}$$

$$\frac{4.42}{100}$$

$$\frac{4.75}{50}$$

466

$$\frac{4.85}{50}$$

$$\frac{5.0}{50}$$

$$\frac{5.2}{27}$$

$$\frac{4.7}{15}$$

46

$$\frac{4.8}{18}$$

$$\frac{5.3}{32}$$

$$\frac{4.9}{50}$$

$$\frac{7.3}{50}$$

$$\frac{7.6}{32}$$

$$\frac{5.4}{24}$$

$$\frac{4.8}{10}$$

46

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

$$\frac{5.2}{26}$$

$$\frac{4.8}{50}$$

$$\frac{7.0}{50}$$

$$\frac{8.1}{26}$$

$$\frac{7.7}{21}$$

$$\frac{5.7}{14}$$

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

5.0

$$\frac{5.2}{12}$$

$$\frac{5.3}{20}$$

$$\frac{4.8}{40}$$

Top Mon Co. Rd "B" + Lexington Stg 158+36.95

$$\frac{10.4}{50}$$

$$\frac{11.2}{26}$$

$$\frac{9.7}{19}$$

$$\frac{8.8}{11}$$

8.6

$$\frac{9.0}{13}$$

$$\frac{9.4}{20}$$

$$\frac{9.1}{50}$$

$$\frac{10.0}{50}$$

$$\frac{10.5}{26}$$

$$\frac{9.5}{21}$$

$$\frac{8.6}{11}$$

8.3

$$\frac{8.7}{12}$$

$$\frac{9.5}{27}$$

$$\frac{9.4}{50}$$

$$\frac{9.8}{50}$$

$$\frac{10.2}{26}$$

$$\frac{8.9}{19}$$

$$\frac{8.4}{10}$$

8.2

$$\frac{8.8}{12}$$

$$\frac{9.8}{29}$$

$$\frac{10.9}{35}$$

$$\frac{11.3}{50}$$

$$\frac{9.8}{50}$$

$$\frac{10.2}{26}$$

$$\frac{8.8}{21}$$

$$\frac{8.2}{9}$$

8.1

$$\frac{8.6}{12}$$

$$\frac{9.1}{25}$$

$$\frac{11.0}{36}$$

$$\frac{11.1}{50}$$

$$\frac{10.0}{50}$$

$$\frac{9.4}{26}$$

$$\frac{8.5}{19}$$

$$\frac{8.0}{10}$$

7.9

$$\frac{8.4}{12}$$

$$\frac{9.3}{29}$$

$$\frac{9.6}{50}$$

$$\frac{4.8}{50}$$

$$\frac{6.8}{26}$$

$$\frac{7.0}{10}$$

6.9

$$\frac{7.4}{12}$$

$$\frac{7.7}{25}$$

$$\frac{8.4}{50}$$

AL- Note: Water Stands  
in this Area Water  
has no possible chance to  
get out.



Sta +  $\Delta$  - Elev

956.59

161 950.5

+50 951.2

162 951.6

+50 951.1

163 950.6

+50 949.9

+91 949.5

+94 949.5

164 949.5

+50 949.2

+90 949.0

165 948.9

Lt.

R

Rt

$$\frac{4.2}{50} \quad \frac{5.7}{26} \quad \frac{6.2}{22} \quad \frac{6.2}{10} \quad 6.1 \quad \frac{6.4}{10} \quad \frac{6.4}{20} \quad \frac{4.5}{30} \quad \frac{5.4}{50}$$

$$\frac{3.5}{50} \quad \frac{5.1}{29} \quad \frac{5.6}{11} \quad 5.4 \quad \frac{5.8}{10} \quad \frac{5.8}{26} \quad \frac{3.5}{33} \quad \frac{3.8}{58}$$

$$\frac{4.1}{50} \quad \frac{4.4}{29} \quad \frac{5.4}{26} \quad \frac{5.3}{12} \quad 5.0 \quad \frac{5.1}{10} \quad \frac{5.0}{24} \quad \frac{4.4}{29} \quad \frac{5.2}{50}$$

$$\frac{4.8}{50} \quad \frac{5.3}{30} \quad \frac{6.0}{17} \quad \frac{5.7}{11} \quad 5.5 \quad \frac{5.7}{9} \quad \frac{5.7}{27} \quad \frac{7.2}{50}$$

$$\frac{5.1}{50} \quad \frac{5.7}{28} \quad \frac{6.2}{26} \quad \frac{6.3}{12} \quad 6.0 \quad \frac{6.3}{10} \quad \frac{6.4}{30} \quad \frac{7.2}{50}$$

$$\frac{3.7}{50} \quad \frac{4.4}{32} \quad \frac{6.9}{26} \quad \frac{6.6}{12} \quad 6.7 \quad \frac{7.0}{9} \quad \frac{7.2}{15} \quad \frac{8.4}{21} \quad \frac{9.8}{50}$$

$$\frac{2.8}{50} \quad \frac{3.7}{34} \quad \frac{6.6}{27} \quad \frac{7.1}{13} \quad \frac{7.1}{8} \quad 7.1 \quad \frac{7.3}{9} \quad \frac{7.5}{17} \quad \frac{10.6}{23} \quad \frac{11.5}{50}$$

$$\frac{5.2}{50} \quad \frac{5.1}{37} \quad \frac{6.8}{26} \quad \frac{7.1}{13} \quad 7.1 \quad \frac{7.3}{9} \quad \frac{8.1}{17} \quad \frac{10.7}{24} \quad \frac{11.7}{50}$$

$$\frac{5.4}{50} \quad \frac{5.0}{37} \quad \frac{6.7}{26} \quad \frac{7.1}{13} \quad 7.1 \quad \frac{7.4}{9} \quad \frac{8.4}{18} \quad \frac{10.9}{24} \quad \frac{11.7}{50}$$

$$\frac{4.9}{50} \quad \frac{5.5}{33} \quad \frac{6.9}{26} \quad \frac{7.4}{11} \quad 7.4 \quad \frac{7.8}{9} \quad \frac{8.5}{16} \quad \frac{11.9}{27} \quad \frac{13.0}{50}$$

$$\frac{4.6}{50} \quad \frac{5.6}{32} \quad \frac{7.3}{26} \quad \frac{7.8}{11} \quad 7.6 \quad \frac{8.1}{11} \quad \frac{9.0}{16} \quad \frac{13.0}{28} \quad \frac{14.1}{50}$$

$$\frac{8.0}{50} \quad \frac{7.7}{24} \quad \frac{8.0}{21} \quad \frac{7.7}{11} \quad 7.7 \quad \frac{8.2}{11} \quad \frac{9.6}{17} \quad \frac{13.4}{29} \quad \frac{14.2}{50}$$

| Sta    | +    | $\pi$            | -    | Elev          |
|--------|------|------------------|------|---------------|
|        |      | 956.59           |      |               |
| 165+50 |      |                  |      | 948.4         |
| T.P.   | 2.28 | 950.12           | 8.75 | 947.84        |
| 166    |      |                  |      | 948.0         |
| +50    |      |                  |      | 947.5         |
| 167    |      |                  |      | 946.7         |
| +16    |      | $\neq$ Aglan Arc |      | 946.4         |
| +50    |      |                  |      | 946.0         |
| 168    |      |                  |      | 945.8         |
| +20    |      |                  |      | 945.7         |
| +50    |      |                  |      | 945.5         |
| B.M.   | 4.97 | 950.14           | 4.97 | 945.15 945.17 |
| 169    |      |                  |      | 945.0         |
| +50    |      |                  |      | 944.6         |
| 170    |      |                  |      | 944.1         |

Lt.

L

Rt.

$$\frac{8.1}{50} \quad \frac{8.5}{25} \quad \frac{8.9}{20} \quad \frac{8.4}{12} \quad 8.2 \quad \frac{8.7}{12} \quad \frac{11.0}{20} \quad \frac{14.7}{30} \quad \frac{15.7}{50}$$

$$\frac{2.6}{50} \quad \frac{2.7}{29} \quad \frac{3.5}{25} \quad \frac{3.6}{20} \quad \frac{3.2}{17} \quad \frac{2.6}{12} \quad 2.1 \quad \frac{2.8}{11} \quad \frac{3.7}{18} \quad \frac{8.8}{31} \quad \frac{9.5}{50}$$

$$\frac{3.1}{50} \quad \frac{3.7}{32} \quad \frac{4.5}{27} \quad \frac{4.7}{21} \quad \frac{3.5}{15} \quad \frac{3.1}{11} \quad 2.6 \quad \frac{3.1}{11} \quad \frac{4.0}{17} \quad \frac{7.0}{26} \quad \frac{8.6}{50}$$

$$\frac{3.6}{50} \quad \frac{3.8}{32} \quad \frac{4.7}{26} \quad \frac{4.6}{22} \quad \frac{4.2}{17} \quad \frac{3.7}{11} \quad 3.4 \quad \frac{4.1}{11} \quad \frac{4.6}{16} \quad \frac{6.7}{24} \quad \frac{8.1}{50}$$

$$\frac{5.1}{50} \quad \frac{4.7}{27} \quad \frac{3.9}{10} \quad 3.7 \quad \frac{4.3}{9} \quad \frac{4.9}{17} \quad \frac{6.5}{22} \quad \frac{7.7}{30} \quad \frac{7.8}{50}$$

$$\frac{4.4}{50} \quad \frac{4.6}{39} \quad \frac{7.4}{30} \quad \frac{7.4}{25} \quad \frac{4.5}{17} \quad \frac{4.2}{10} \quad 4.1 \quad \frac{4.3}{10} \quad \frac{5.0}{17} \quad \frac{7.2}{30} \quad \frac{7.2}{50}$$

$$\frac{4.7}{50} \quad \frac{4.8}{38} \quad \frac{7.4}{32-27} \quad \frac{5.1}{17} \quad \frac{4.4}{10} \quad 4.3 \quad \frac{4.9}{10} \quad \frac{5.3}{17} \quad \frac{7.1}{25} \quad \frac{6.9}{50}$$

$$\frac{6.6}{50} \quad \frac{5.9}{37} \quad \frac{8.0}{30-27} \quad \frac{5.1}{17} \quad \frac{4.5}{10} \quad 4.4 \quad \frac{4.8}{9} \quad \frac{5.7}{17} \quad \frac{9.0}{29} \quad \frac{9.0}{43} \quad \frac{8.4}{50}$$

$$\frac{6.5}{50} \quad \frac{5.5}{37} \quad \frac{8.7}{28-26} \quad \frac{5.8}{18} \quad \frac{4.8}{10} \quad 4.6 \quad \frac{4.8}{9} \quad \frac{5.3}{16} \quad \frac{5.8}{23} \quad \frac{6.8}{33} \quad \frac{7.2}{50}$$

N.W. Cor Bottom Conc Slab East Pier 30' Rt 168+75-

$$\frac{7.6}{50} \quad \frac{6.1}{30} \quad \frac{7.3}{22} \quad \frac{4.1}{17} \quad \frac{5.2}{9} \quad 5.1 \quad \frac{5.4}{10} \quad \frac{5.4}{17} \quad \frac{4.8}{31} \quad \frac{5.5}{50}$$

$$\frac{7.0}{50} \quad \frac{7.3}{21} \quad \frac{6.1}{16} \quad \frac{5.7}{9} \quad 5.5 \quad \frac{5.7}{9} \quad \frac{6.1}{17} \quad \frac{5.7}{30} \quad \frac{5.7}{50}$$

$$\frac{7.0}{50} \quad \frac{6.9}{23} \quad \frac{7.4}{20-18} \quad \frac{6.7}{16} \quad \frac{6.3}{9} \quad 6.0 \quad \frac{6.2}{10} \quad \frac{6.7}{16} \quad \frac{7.4}{20} \quad \frac{7.5}{30} \quad \frac{7.4}{50}$$

| Sta    | +    | $\pi$  | -    | Elev   |
|--------|------|--------|------|--------|
|        |      | 950.14 |      |        |
| 170+50 |      |        |      | 943.7  |
| 171    |      |        |      | 943.2  |
| +50    |      |        |      | 942.6  |
| 172    |      |        |      | 942.0  |
| +50    |      |        |      | 941.6  |
| T.P.   | 2.82 | 945.22 | 7.74 | 942.40 |
| 173    |      |        |      | 941.4  |
| +50    |      |        |      | 941.2  |
| 174    |      |        |      | 940.8  |
| +50    |      |        |      | 940.4  |
| 175    |      |        |      | 940.3  |
| +50    |      |        |      | 940.1  |
| 176    |      |        |      | 939.9  |



L1.      ~~2~~      Rt

$\frac{7.0}{50}$   $\frac{7.2}{23}$   $\frac{7.7}{20-18}$   $\frac{6.9}{15}$   $\frac{6.5}{9}$  64  $\frac{6.6}{10}$   $\frac{6.8}{15}$   $\frac{7.7}{25}$   $\frac{7.7}{50}$

$\frac{7.2}{50}$   $\frac{7.3}{21}$   $\frac{7.8}{20-18}$   $\frac{7.2}{15}$   $\frac{7.1}{8}$  69  $\frac{7.2}{10}$   $\frac{7.5}{17}$   $\frac{8.0}{30}$   $\frac{8.1}{50}$

$\frac{7.3}{50}$   $\frac{8.0}{20}$   $\frac{8.4}{19-17}$   $\frac{8.0}{15}$   $\frac{7.8}{8}$  75  $\frac{7.6}{9}$   $\frac{8.0}{15}$   $\frac{8.6}{20}$   $\frac{8.3}{23}$   $\frac{8.3}{30}$   $\frac{8.3}{50}$

$\frac{8.4}{50}$   $\frac{7.9}{38}$   $\frac{8.6}{20}$   $\frac{9.1}{19-17}$   $\frac{8.5}{15}$   $\frac{8.3}{9}$  81  $\frac{8.2}{12}$   $\frac{8.6}{17}$   $\frac{9.0}{20}$   $\frac{8.5}{23}$   $\frac{8.9}{30}$   $\frac{8.9}{50}$

$\frac{8.0}{50}$   $\frac{8.3}{39}$   $\frac{8.9}{19}$   $\frac{9.5}{17-15}$   $\frac{9.0}{14}$   $\frac{8.7}{9}$  85  $\frac{8.6}{9}$   $\frac{8.8}{16}$   $\frac{9.7}{19-21}$   $\frac{9.1}{23}$   $\frac{9.2}{30}$   $\frac{9.2}{50}$

Na:1 in Fc Post 30' Rt Sta 172+50

$\frac{4.0}{50}$   $\frac{4.4}{18}$   $\frac{4.8}{17-14}$   $\frac{4.5}{13}$   $\frac{4.1}{9}$  38  $\frac{3.8}{12}$   $\frac{4.2}{16}$   $\frac{4.8}{18}$   $\frac{4.8}{22}$   $\frac{4.2}{24}$   $\frac{4.5}{50}$

$\frac{4.4}{50}$   $\frac{4.5}{17}$   $\frac{5.2}{16-14}$   $\frac{4.6}{13}$   $\frac{4.4}{9}$  40  $\frac{4.4}{16}$   $\frac{5.2}{17-22}$   $\frac{4.6}{24}$   $\frac{4.7}{50}$

$\frac{4.3}{50}$   $\frac{4.9}{17}$   $\frac{5.3}{16-14}$   $\frac{4.8}{13}$  44  $\frac{4.5}{10}$   $\frac{4.7}{16}$   $\frac{5.5}{18-21}$   $\frac{4.9}{24}$   $\frac{4.9}{50}$

$\frac{4.6}{50}$   $\frac{5.3}{17}$   $\frac{5.7}{16-14}$   $\frac{5.0}{11}$  48  $\frac{5.0}{13}$   $\frac{5.2}{16}$   $\frac{5.9}{19-21}$   $\frac{5.5}{23}$   $\frac{5.6}{50}$

$\frac{4.8}{50}$   $\frac{5.6}{17}$   $\frac{5.9}{16-14}$   $\frac{5.4}{11}$  49  $\frac{5.2}{10}$   $\frac{5.5}{16}$   $\frac{5.8}{19}$   $\frac{5.7}{24}$   $\frac{5.9}{50}$

$\frac{5.1}{50}$   $\frac{5.3}{18}$   $\frac{6.0}{16-14}$   $\frac{5.6}{12}$  51  $\frac{5.3}{12}$   $\frac{5.8}{33}$   $\frac{5.8}{50}$

$\frac{5.0}{50}$   $\frac{5.4}{40}$   $\frac{5.9}{17}$   $\frac{6.2}{16-13}$   $\frac{5.7}{11}$  53  $\frac{5.6}{16}$   $\frac{5.8}{17}$   $\frac{6.1}{21}$   $\frac{5.8}{25}$   $\frac{6.1}{50}$

| Sta              | +   | $\Delta$ | -    | Elev   |
|------------------|-----|----------|------|--------|
|                  |     | 945.22   |      |        |
| 176+50           |     |          |      | 939.7  |
| 177              |     |          |      | 939.3  |
| +50              |     |          |      | 938.8  |
| 178 $\checkmark$ |     |          |      | 938.1  |
| +50              |     |          |      | 937.0  |
| 179              |     |          |      | 936.2  |
| +50              |     |          |      | 935.6  |
| T.P.             | 363 | 939.20   | 965  | 935.57 |
| 180              |     |          |      | 935.0  |
| +50              |     |          |      | 934.2  |
| 181              |     |          |      | 933.3  |
| +50              |     |          |      | 932.0  |
| T.P.             | 326 | 936.45   | 6.01 | 933.19 |
| 182              |     |          |      | 931.2  |

Lt

X

Rt.

$$\frac{6.1}{50} \quad \frac{6.1}{16} \quad \frac{5.9}{9} \quad 5.5 - \frac{5.9}{13} \quad \frac{6.2}{19} \quad \frac{6.4}{21} \quad \frac{6.6}{50}$$

$$\frac{6.3}{50} \quad \frac{7.0}{17} \quad \frac{6.3}{7} \quad 5.9 \quad \frac{6.0}{11} \quad \frac{6.4}{20} \quad \frac{6.7}{50}$$

$$\frac{6.4}{50} \quad \frac{6.9}{17} \quad \frac{6.6}{8} \quad 6.4 \quad \frac{6.6}{12} \quad \frac{7.5}{22} \quad \frac{7.4}{50}$$

$$\frac{7.1}{50} \quad \frac{7.9}{15} \quad \frac{7.6}{10} \quad 7.1 \quad \frac{7.5}{13} \quad \frac{8.3}{27} \quad \frac{8.2}{50}$$

$$\frac{7.8}{50} \quad \frac{7.9}{41} \quad \frac{8.6}{24} \quad \frac{8.6}{9} \quad 8.2 \quad \frac{8.3}{12} \quad \frac{8.4}{26} \quad \frac{7.4}{21} \quad \frac{6.8}{50}$$

$$\frac{8.7}{50} \quad \frac{8.8}{30} \quad \frac{9.5}{26} \quad \frac{9.4}{18} \quad 9.0 \quad \frac{9.2}{9} \quad \frac{9.1}{17} \quad \frac{9.7}{20} \quad \frac{9.7}{27} \quad \frac{6.9}{33} \quad \frac{6.7}{50}$$

$$\frac{8.9}{50} \quad \frac{9.0}{34} \quad \frac{9.9}{25} \quad \frac{9.9}{10} \quad 9.6 \quad \frac{9.6}{8} \quad \frac{9.8}{17} \quad \frac{10.2}{19-23} \quad \frac{8.6}{31} \quad \frac{6.6}{35} \quad \frac{6.5}{50}$$

$$\frac{3.5}{50} \quad \frac{3.5}{34} \quad \frac{4.8}{14} \quad \frac{4.4}{7} \quad 4.2 \quad \frac{4.4}{10} \quad \frac{4.6}{17} \quad \frac{5.0}{19} \quad \frac{5.0}{28} \quad \frac{4.0}{31} \quad \frac{0.7}{36} \quad \frac{0.4}{50}$$

$$\frac{5.3}{50} \quad \frac{5.3}{26} \quad \frac{5.6}{17} \quad \frac{5.2}{7} \quad 5.0 \quad \frac{5.3}{11} \quad \frac{5.4}{17} \quad \frac{5.8}{22-26} \quad \frac{4.6}{30} \quad \frac{0.6}{37} \quad \frac{0.7}{50}$$

$$\frac{7.6}{50} \quad \frac{5.8}{43} \quad \frac{6.6}{24} \quad \frac{6.2}{7} \quad 5.9 \quad \frac{6.1}{7} \quad \frac{6.3}{18} \quad \frac{6.8}{20-26} \quad \frac{5.6}{30} \quad \frac{2.9}{36} \quad \frac{2.6}{50}$$

$$\frac{14.2}{50} \quad \frac{11.2}{27} \quad \frac{8.7}{17} \quad \frac{7.6}{10} \quad 7.2 \quad \frac{7.4}{10} \quad \frac{7.6}{17} \quad \frac{8.4}{20} \quad \frac{7.7}{36} \quad \frac{9.3}{50}$$

$$\frac{14.7}{50} \quad \frac{13.6}{36} \quad \frac{8.6}{22} \quad \frac{6.1}{13} \quad \frac{5.5}{8} \quad 5.3 \quad \frac{5.6}{10} \quad \frac{6.0}{16} \quad \frac{6.1}{25} \quad \frac{13.5}{45} \quad \frac{13.8}{50}$$

| Sta    | +    | $\pi$          | -   | Elev   |        |
|--------|------|----------------|-----|--------|--------|
|        |      | 936.45         |     |        |        |
| 182+50 |      |                |     | 931.1  |        |
| 183    |      |                |     | 931.2  |        |
| +50    |      |                |     | 931.8  |        |
| 184    |      |                |     | 932.7  |        |
| +25    |      |                |     | 933.4  |        |
| +35    |      |                |     | 933.7  |        |
| +42    |      |                |     | 933.8  |        |
| +58.88 |      | $\pm$ Victoria |     | 934.1  |        |
| +75    |      |                |     | 934.1  |        |
| +80    |      |                |     | 934.1  |        |
| B.M    | 7.89 | 941.90         | 244 | 934.01 | 934.01 |
| +92    |      | 12" CM X Drain |     | 934.1  |        |
| 185    |      |                |     | 934.1  |        |

L1.

R

R1.

$$\frac{12.8}{50} \quad \frac{11.6}{32} \quad \frac{7.3}{18} \quad \frac{6.0}{11} \quad 5.4 \quad \frac{6.3}{13} \quad \frac{15.5}{39} \quad \frac{17.4}{50}$$

$$\frac{8.8}{50} \quad \frac{8.2}{26} \quad \frac{5.7}{13} \quad 5.3 \quad \frac{6.0}{13} \quad \frac{14.9}{41} \quad \frac{15.7}{50}$$

$$\frac{3.0}{50} \quad \frac{3.7}{30} \quad \frac{4.9}{26} \quad \frac{5.0}{11} \quad 4.7 \quad \frac{5.3}{15} \quad \frac{6.5}{26} \quad \frac{9.2}{50}$$

$$\frac{1.4}{50} \quad \frac{2.0}{33} \quad \frac{4.4}{22} \quad \frac{4.4}{15} \quad 3.8 \quad \frac{4.4}{12} \quad \frac{4.2}{25} \quad \frac{3.6}{28} \quad \frac{3.7}{50}$$

$$\frac{1.5}{50} \quad \frac{1.7}{36} \quad \frac{4.0}{28} \quad \frac{3.2}{9} \quad 3.1 \quad \frac{3.6}{11} \quad \frac{4.8}{25} \quad \frac{5.6}{50}$$

$$\frac{2.8}{50} \quad \frac{3.9}{41} \quad \frac{3.4}{29} \quad \frac{2.9}{11} \quad 2.8 \quad \frac{3.2}{11} \quad \frac{4.8}{30} \quad \frac{5.2}{35} \quad \frac{7.3}{45} \quad \frac{7.3}{50}$$

$$\frac{3.3}{50} \quad \frac{2.8}{17} \quad 2.7 \quad \frac{3.1}{12} \quad \frac{3.8}{23} \quad \frac{5.8}{50}$$

$$\frac{2.1}{100} \quad \frac{2.7}{50} \quad \frac{2.5}{25} \quad 2.4 \quad \frac{2.5}{7} \quad \frac{5.0}{50} \quad \frac{8.0}{100}$$

$$\frac{2.7}{50} \quad \frac{2.6}{27} \quad \frac{3.1}{23} \quad \frac{2.4}{9} \quad 2.4 \quad \frac{2.6}{11} \quad \frac{4.5}{38} \quad \frac{5.4}{50}$$

$$\frac{0.9}{50} \quad \frac{1.1}{31} \quad \frac{2.6}{26} \quad \frac{2.5}{22} \quad \frac{3.2}{19} \quad \frac{2.7}{13} \quad 2.4 \quad \frac{2.5}{9} \quad \frac{3.3}{22} \quad \frac{4.7}{41} \quad \frac{6.1}{50}$$

Top Mon, O-Rd 'B' & Victoria Str R 184 + 58.88 Int

$$\frac{6.1}{30} \quad \frac{6.4}{31} \quad \frac{8.1}{21} \quad \frac{9.3}{18} \quad \frac{9.3}{16} \quad \frac{9.96}{15} \quad \frac{8.2}{10} \quad 7.8 \quad \frac{8.3}{14} \quad \frac{9.0}{24} \quad \frac{10.0}{28-31} \quad \frac{4.6}{46} \quad \frac{4.5}{50} \quad \frac{11.23}{33}$$

$$\frac{5.8}{50} \quad \frac{6.0}{35} \quad \frac{7.8}{24} \quad \frac{8.7}{18} \quad \frac{8.2}{15} \quad 7.8 \quad 7.8 \quad \frac{8.2}{11} \quad \frac{8.8}{21} \quad \frac{9.7}{24-27} \quad \frac{4.9}{38} \quad \frac{4.6}{50}$$



| Sta    | + | $\Delta$ | - | Elev  |
|--------|---|----------|---|-------|
|        |   | 941.90   |   |       |
| 185+50 |   |          |   | 934.6 |
| 186    |   |          |   | 935.2 |
| +50    |   |          |   | 935.8 |
| 187    |   |          |   | 936.4 |
| +50    |   |          |   | 936.8 |
| +97    |   |          |   | 936.8 |
| 188 ✓  |   |          |   | 936.8 |
| +50    |   |          |   | 937.2 |
| 189    |   |          |   | 937.5 |
| +50    |   |          |   | 937.8 |
| 190    |   |          |   | 938.0 |
| +50    |   |          |   | 938.1 |

L1

2

R1

$$\frac{5.5}{50} \quad \frac{5.8}{32} \quad \frac{8.1}{19} \quad \frac{7.7}{15} \quad 7.3 \quad \frac{7.7}{11} \quad \frac{8.0}{24} \quad \frac{7.5}{28} \quad \frac{5.2}{32} \quad \frac{4.6}{50}$$

$$\frac{5.5}{50} \quad \frac{5.4}{32} \quad \frac{7.4}{19} \quad \frac{7.3}{16} \quad 6.7 \quad \frac{7.0}{9} \quad \frac{6.7}{22} \quad \frac{5.5}{29} \quad \frac{4.0}{32} \quad \frac{4.2}{50}$$

$$\frac{5.1}{50} \quad \frac{5.1}{32} \quad \frac{6.7}{19} \quad \frac{6.5}{14} \quad 6.1 \quad \frac{6.6}{9} \quad \frac{6.7}{22} \quad \frac{5.8}{27} \quad \frac{4.1}{32} \quad \frac{4.5}{50}$$

$$\frac{5.0}{50} \quad \frac{4.8}{31} \quad \frac{6.3}{19} \quad \frac{6.0}{15} \quad 5.5 \quad \frac{6.0}{11} \quad \frac{6.0}{23} \quad \frac{4.6}{31} \quad \frac{4.3}{50}$$

$$\frac{4.9}{50} \quad \frac{4.9}{28} \quad \frac{6.0}{20} \quad \frac{5.6}{10} \quad 5.1 \quad \frac{5.6}{11} \quad \frac{5.8}{22} \quad \frac{4.1}{31} \quad \frac{4.0}{37} \quad \frac{5.1}{50}$$

$$\frac{4.8}{50} \quad \frac{4.6}{28} \quad \frac{5.6}{19} \quad \frac{5.3}{9} \quad 5.1 \quad \frac{5.4}{10} \quad \frac{5.8}{22} \quad \frac{3.8}{30} \quad \frac{4.1}{38} \quad \frac{5.7}{50}$$

$$\frac{4.8}{50} \quad \frac{4.6}{28} \quad \frac{5.6}{19} \quad \frac{5.3}{9} \quad 5.1 \quad \frac{5.5}{10} \quad \frac{6.0}{24} \quad \frac{5.7}{50}$$

$$\frac{3.8}{50} \quad \frac{3.8}{20} \quad \frac{4.4}{26} \quad \frac{4.9}{10} \quad 4.7 \quad \frac{5.1}{10} \quad \frac{5.5}{29} \quad \frac{5.4}{50}$$

$$\frac{4.0}{50} \quad \frac{4.6}{20} \quad 4.4 \quad \frac{4.7}{10} \quad \frac{4.8}{18} \quad \frac{5.5}{22} \quad \frac{5.1}{24} \quad \frac{4.6}{33} \quad \frac{4.6}{50}$$

$$\frac{4.0}{50} \quad \frac{4.5}{27} \quad \frac{4.4}{10} \quad 4.1 \quad \frac{4.3}{10} \quad \frac{4.8}{20} \quad \frac{5.1}{22} \quad \frac{4.6}{24} \quad \frac{4.0}{32} \quad \frac{4.5}{50}$$

$$\frac{4.1}{50} \quad \frac{4.6}{19} \quad \frac{4.3}{9} \quad 3.9 \quad \frac{4.1}{10} \quad \frac{4.4}{19} \quad \frac{4.7}{22} \quad \frac{4.2}{24} \quad \frac{3.3}{31} \quad \frac{4.3}{50}$$

$$\frac{4.7}{50} \quad \frac{4.9}{26} \quad \frac{5.1}{22} \quad \frac{4.4}{15} \quad 3.8 \quad \frac{4.2}{9} \quad \frac{4.6}{20} \quad \frac{4.8}{22} \quad \frac{4.5}{24} \quad \frac{3.1}{31} \quad \frac{4.7}{50}$$

| Sta | +    | $\pi$  | -     | Elev   |        |
|-----|------|--------|-------|--------|--------|
|     |      | 941.90 |       |        |        |
| 191 |      |        |       | 938.2  |        |
| T.P | 269  | 941.13 | 3.46  | 938.44 |        |
| +50 |      |        |       | 938.4  |        |
| 192 |      |        |       | 937.7  |        |
| +50 |      |        |       | 937.2  |        |
| 193 |      |        |       | 937.1  |        |
| +50 |      |        |       | 936.3  |        |
| 194 |      |        |       | 935.8  |        |
| +50 |      |        |       | 935.2  |        |
| 195 |      |        |       | 934.1  |        |
| +50 |      |        |       | 932.5  |        |
| 196 |      |        |       | 930.7  |        |
| B.M | 1257 | 942.08 | 11.62 | 929.51 | 929.51 |
| +50 |      |        |       | 928.9  |        |

L.I.

X

Rt

$$\frac{5.0}{50} \quad \frac{4.7}{26} \quad \frac{4.1}{10}$$

$$3.7 \quad \frac{4.0}{10} \quad \frac{4.1}{18} \quad \frac{4.4}{19} \quad \frac{4.4}{22} \quad \frac{3.8}{24} \quad \frac{3.3}{30} \quad \frac{4.0}{50}$$

$$\frac{3.0}{50} \quad \frac{3.2}{28} \quad \frac{3.6}{18} \quad \frac{3.3}{12} \quad 2.7 \quad \frac{2.8}{9} \quad \frac{3.3}{22} \quad \frac{1.8}{29} \quad \frac{2.7}{37} \quad \frac{3.1}{50}$$

$$\frac{2.5}{50} \quad \frac{3.0}{32} \quad \frac{4.0}{18} \quad \frac{3.4}{9} \quad 3.4 \quad \frac{3.6}{11} \quad \frac{3.9}{18} \quad \frac{4.5}{22} \quad \frac{2.3}{30} \quad \frac{2.9}{50}$$

$$\frac{2.7}{50} \quad \frac{3.0}{32} \quad \frac{4.1}{19} \quad 3.9 \quad \frac{4.1}{15} \quad \frac{4.5}{22} \quad \frac{3.0}{29} \quad \frac{2.8}{50}$$

$$\frac{2.5}{50} \quad \frac{3.4}{28} \quad \frac{4.0}{18} \quad \frac{4.2}{8} \quad 4.0 \quad \frac{4.3}{11} \quad \frac{4.6}{23} \quad \frac{3.0}{31} \quad \frac{2.6}{50}$$

$$\frac{2.7}{50} \quad \frac{2.7}{34} \quad \frac{5.1}{21} \quad \frac{4.9}{14} \quad 4.8 \quad \frac{5.1}{13} \quad \frac{4.7}{26} \quad \frac{2.7}{32} \quad \frac{2.6}{50}$$

$$\frac{2.9}{50} \quad \frac{3.0}{33} \quad \frac{5.2}{20} \quad \frac{5.4}{8} \quad 5.3 \quad \frac{5.7}{12} \quad \frac{5.8}{16} \quad \frac{6.3}{23} \quad \frac{5.6}{27} \quad \frac{2.3}{33} \quad \frac{2.7}{50}$$

$$\frac{2.8}{50} \quad \frac{2.7}{36} \quad \frac{6.4}{24} \quad \frac{6.3}{11} \quad 5.9 \quad \frac{6.5}{12} \quad \frac{6.7}{23} \quad \frac{5.4}{30} \quad \frac{1.2}{36} \quad \frac{2.4}{50}$$

$$\frac{2.5}{75} \quad \frac{1.8}{39} \quad \frac{6.9}{27} \quad \frac{8.1}{19} \quad \frac{7.3}{15} \quad \frac{7.1}{8} \quad 7.0 \quad \frac{7.3}{11} \quad \frac{7.6}{23} \quad \frac{6.4}{29} \quad \frac{1.5}{39} \quad \frac{2.1}{58} \quad \frac{2.7}{75}$$

$$\frac{0.7}{75} \quad \frac{0.5}{44} \quad \frac{7.2}{30} \quad \frac{9.6}{20} \quad \frac{9.2}{10} \quad 8.6 \quad \frac{9.0}{11} \quad \frac{9.5}{21} \quad \frac{8.0}{29} \quad \frac{0.9}{43} \quad \frac{1.1}{75}$$

$$\frac{0.4}{75} \quad \frac{0.6}{48} \quad \frac{8.7}{33} \quad \frac{11.6}{20} \quad \frac{10.9}{9} \quad 10.4 \quad \frac{10.7}{10} \quad \frac{11.2}{22} \quad \frac{8.7}{32} \quad \frac{0.9}{47} \quad \frac{1.7}{60} \quad \frac{2.0}{75}$$

Spk in P.P 28' Rt Stg 196 + 57

$$\frac{1.8}{75} \quad \frac{1.5}{51} \quad \frac{10.1}{36} \quad \frac{14.0}{20} \quad \frac{13.7}{11} \quad 13.2 \quad \frac{13.5}{12} \quad \frac{14.1}{21} \quad \frac{9.8}{37} \quad \frac{1.8}{51} \quad \frac{2.8}{75}$$

| Sta | + | ↑     | - | Elev |
|-----|---|-------|---|------|
|     |   | 94208 |   |      |

197

+50

+68

+80

+90

198

+50

B.M. 0.16 929.67 12.57 929.51

197 926.9

+50

924.8

+68

923.9

+80

923.3

+90

922.7



L1

2

R1

$$\frac{1.7}{75} \quad \frac{1.5}{54}$$

$$\frac{9.0}{45}$$

$$\frac{1.8}{54} \quad \frac{2.8}{75}$$

$$\frac{2.4}{75} \quad \frac{2.1}{57}$$

$$\frac{2.3}{58} \quad \frac{3.2}{75}$$

$$\frac{2.4}{75} \quad \frac{2.6}{58}$$

$$\frac{5.6}{58} \quad \frac{4.6}{75}$$

$$\frac{12.7}{75}$$

$$\frac{5.3}{56} \quad \frac{6.0}{75}$$

$$\frac{11.0}{75} \quad \frac{13.6}{51}$$

$$\frac{6.9}{53} \quad \frac{7.5}{75}$$

$$\frac{6.2}{75} \quad \frac{7.1}{55} \quad \frac{11.8}{45}$$

$$\frac{8.5}{51} \quad \frac{9.3}{75}$$

$$\frac{12.7}{75} \quad \frac{13.3}{46}$$

$$\frac{15.6}{41} \quad \frac{16.3}{75}$$

Sp 4 17 PP

$$\frac{3.0}{22} \quad \frac{3.0}{70} \quad 2.8 \quad \frac{3.1}{11} \quad \frac{3.7}{20} \quad \frac{7.8}{30}$$

$$\frac{5.4}{22-21} \quad \frac{5.2}{20} \quad \frac{5.0}{10} \quad 4.9 \quad \frac{5.4}{11} \quad \frac{5.8}{20} \quad \frac{4.1}{28}$$

$$\frac{5}{22} \quad \frac{6.9}{23} \quad \frac{6.0}{21} \quad \frac{6.0}{10} \quad 5.8 \quad \frac{6.2}{10} \quad \frac{6.7}{18} \quad \frac{7.2}{21-23} \quad \frac{5.8}{27}$$

$$\frac{13.8}{41} \quad \frac{4.3}{30} \quad \frac{4.9}{27} \quad \frac{7.0}{20} \quad \frac{6.7}{10} \quad 6.4 \quad \frac{6.8}{11} \quad \frac{7.3}{17} \quad \frac{8.0}{20-23}$$

$$\frac{5.4}{34} \quad \frac{8.1}{25} \quad \frac{7.3}{10} \quad 7.0 \quad \frac{7.3}{11} \quad \frac{7.9}{18} \quad \frac{8.6}{21} \quad \frac{7.6}{27}$$

| Sta  | +    | $\pi$  | -     | Elev   |
|------|------|--------|-------|--------|
|      |      | 929.67 |       |        |
| 198  |      |        |       | 922.2  |
| +50  |      |        |       | 919.4  |
| +73  |      |        |       | 918.1  |
| +85  |      |        |       | 917.5  |
| 199  |      |        |       | 916.6  |
| T.P. | 1.88 | 918.95 | 12.60 | 917.07 |
| +37  |      | 914.5  |       | 914.5  |
| +60  |      |        |       | 913.0  |
| 200  |      |        |       | 910.4  |
| T.P. | 0.28 | 908.26 | 10.97 | 907.98 |
| 200  |      |        |       |        |
| +50  |      |        |       | 907.1  |
| 201  |      |        |       | 904.0  |
| +50  |      |        |       | 901.1  |

Lt

2

Rt

$$\frac{8.6}{25} \frac{8.0}{10}$$

$$7.5 \frac{7.8}{11} \frac{8.5}{17} \frac{9.0}{21} \frac{7.5}{29}$$

$$\frac{6.4}{37} \frac{10.8}{24} \frac{10.6}{16} 10.3 \frac{10.6}{10} \frac{11.1}{18} \frac{11.8}{21-23} \frac{7.3}{36}$$

$$\frac{4.7}{75} \frac{5.4}{50} \frac{5.5}{44} \frac{7.9}{33} \frac{12.4}{23} \frac{11.8}{10} 11.6 \frac{11.8}{10} \frac{12.4}{18} \frac{13.4}{21-23} \frac{10.7}{28} \frac{10.4}{32} \frac{70.70}{37} \frac{7.0}{50}$$

$$\frac{7.0}{75} \frac{7.7}{50} \frac{7.7}{38} \frac{10.5}{33} \frac{13.1}{23} \frac{12.5}{10} 12.2 \frac{12.6}{10} \frac{12.9}{18} \frac{13.9}{21-24} \frac{13.2}{31} \frac{13.9}{50}$$

$$\frac{10.2}{50} \frac{10.4}{34} \frac{12.3}{30} \frac{13.8}{22} \frac{13.3}{10} 13.1 \frac{13.4}{11} \frac{13.7}{17} \frac{14.9}{20-24} \frac{14.1}{26} \frac{14.9}{50}$$

$$\frac{5.5}{50} \frac{5.2}{28} \frac{4.7}{10} 4.5 \frac{4.7}{10} \frac{4.9}{17} \frac{5.2}{25} \frac{5.8}{50}$$

$$\frac{9.0}{50} \frac{7.1}{25} \frac{8.4}{22} \frac{6.9}{19} \frac{6.3}{10} 6.0 \frac{6.4}{9} \frac{7.1}{17} \frac{9.7}{24} \frac{10.2}{32} \frac{13.8}{50}$$

$$\frac{12.7}{25} \frac{9.5}{19} \frac{8.7}{9} 8.6 \frac{9.2}{10} \frac{9.8}{17}$$

$$\text{Top G. Rail Post } 200 + 65$$

$$\frac{3.7}{50} \frac{2.4}{27}$$

$$\frac{7.2}{36} \frac{8.1}{50}$$

$$\frac{10.1}{50} \frac{9.4}{40} \frac{1.9}{19} \frac{1.4}{10} 1.2$$

$$\frac{1.5}{10} \frac{2.3}{18} \frac{10.8}{39} \frac{12.3}{50}$$

$$\frac{14.7}{60} \frac{14.1}{46} \frac{10.9}{33} \frac{5.1}{20} \frac{4.4}{11} 4.3 \frac{4.7}{10} \frac{5.5}{18} \frac{15.1}{40} \frac{16.2}{50}$$

$$\frac{7.9}{18} \frac{7.2}{9} 7.2 \frac{7.5}{10} \frac{9.2}{17}$$

| Sta    | +    | $\pi$  | -     | Elev   |
|--------|------|--------|-------|--------|
|        |      | 90826  |       |        |
| 202    |      |        |       | 898.5  |
| +50    |      |        |       | 896.0  |
| T.P.   | 0.34 | 896.34 | 12.26 | 896.00 |
| 201+50 |      |        |       |        |
| 202    |      |        |       |        |
| +50    |      |        |       |        |
| 203    |      |        |       | 893.8  |
| +50    |      |        |       | 891.8  |
| 204    |      |        |       | 889.9  |
| +50    |      |        |       | 888.0  |
| 205    |      |        |       | 886.5  |
| T.P.   | 3.16 | 888.46 | 11.04 | 885.30 |
| +50    |      |        |       | 885.3  |
| 206    |      |        |       | 884.6  |

Lt

E

Rt

$$\frac{107}{18} \cdot \frac{100}{10} \quad 9.8 \quad \frac{10.1}{10} \quad \frac{10.6}{17}$$

$$\frac{134}{18} \cdot \frac{12.4}{9} \quad 12.3 \quad \frac{12.6}{10} \quad \frac{13.3}{17}$$

$$\frac{8.2}{65} \cdot \frac{8.2}{52} \quad \frac{7.7}{46}$$

$$\frac{8.3}{47} \cdot \frac{9.4}{60}$$

$$\frac{9.7}{60} \cdot \frac{7.1}{40}$$

$$\frac{9.4}{42} \cdot \frac{10.5}{50} \quad \frac{10.7}{60}$$

$$\frac{11.3}{60} \cdot \frac{11.3}{45} \quad \frac{9.0}{38}$$

$$\frac{9.1}{36} \cdot \frac{10.6}{45} \quad \frac{11.2}{60}$$

$$\frac{11.4}{50} \cdot \frac{10.2}{38} \cdot \frac{3.4}{20} \cdot \frac{2.7}{10} \quad 2.5 \quad \frac{2.8}{11} \cdot \frac{3.3}{17} \cdot \frac{4.5}{22} \cdot \frac{10.8}{36} \cdot \frac{11.4}{50}$$

$$\frac{11.3}{50} \cdot \frac{10.5}{33} \cdot \frac{6.1}{19} \cdot \frac{4.9}{10} \quad 4.5 \quad \frac{4.7}{12} \cdot \frac{5.5}{21} \cdot \frac{11.6}{35} \cdot \frac{11.8}{60}$$

$$\frac{12.1}{50} \cdot \frac{12.0}{31} \cdot \frac{7.7}{19} \cdot \frac{6.8}{10} \quad 6.4 \quad \frac{6.6}{11} \cdot \frac{7.1}{17} \cdot \frac{11.0}{29} \cdot \frac{12.4}{50}$$

$$\frac{13.0}{50} \cdot \frac{12.6}{29} \cdot \frac{9.5}{18} \cdot \frac{8.6}{8} \quad 8.3 \quad \frac{8.5}{11} \cdot \frac{8.7}{18} \cdot \frac{12.9}{31} \cdot \frac{13.1}{50}$$

$$\frac{13.8}{50} \cdot \frac{13.0}{25} \cdot \frac{10.8}{17} \cdot \frac{10.2}{9} \quad 9.8 \quad \frac{10.2}{11} \cdot \frac{10.7}{19} \cdot \frac{14.7}{30} \cdot \frac{14.7}{50}$$

$$\frac{7.0}{50} \cdot \frac{6.5}{27} \cdot \frac{4.2}{17} \cdot \frac{3.4}{9} \quad 3.2 \quad \frac{3.5}{11} \cdot \frac{3.8}{19} \cdot \frac{7.3}{29} \cdot \frac{7.8}{50}$$

$$\frac{7.2}{50} \cdot \frac{6.8}{25} \cdot \frac{4.9}{16} \cdot \frac{4.2}{9} \quad 3.9 \quad \frac{4.4}{12} \cdot \frac{5.3}{22} \cdot \frac{7.8}{32} \cdot \frac{8.3}{50}$$



| Sta    | +           | $\pi$               | -    | Elev   |
|--------|-------------|---------------------|------|--------|
|        |             | 888.46              |      |        |
| 206+50 |             |                     |      | 884.0  |
| 207    |             |                     |      | 883.7  |
| +50    |             |                     |      | 883.5  |
| +52    |             | Profile Ditch North |      |        |
| 208    |             |                     |      | 883.3  |
| +31    |             |                     |      |        |
| +31    | 36" X DRAIN | C.M.                |      | 883.4  |
| +31    |             | Profile Ditch South |      |        |
| +50    |             |                     |      | 883.6  |
| 209    |             |                     |      | 884.7  |
| +50    |             |                     |      | 886.0  |
| 210    |             |                     |      | 887.7  |
| T.P.   | 1041        | 898.30              | 0.57 | 887.89 |

L4

Z

Rt

$$\frac{8.1}{50} \quad \frac{7.8}{27} \quad \frac{5.7}{19} \quad \frac{4.6}{9} \quad 45 \quad \frac{4.8}{11} \quad \frac{5.9}{21} \quad \frac{8.2}{35} \quad \frac{8.6}{50}$$

$$\frac{8.6}{50} \quad \frac{8.3}{27} \quad \frac{5.9}{19} \quad \frac{5.0}{8} \quad 48 \quad \frac{5.3}{10} \quad \frac{6.2}{22} \quad \frac{8.5}{29} \quad \frac{9.3}{50}$$

$$\frac{8.9}{50} \quad \frac{8.8}{30} \quad \frac{6.8}{20} \quad \frac{5.3}{9} \quad 5.0 \quad \frac{5.5}{10} \quad \frac{6.6}{22} \quad \frac{8.9}{32} \quad \frac{9.3}{50}$$

$$\frac{9.6}{150} \quad \frac{10.4}{100} \quad \frac{11.1}{50} \quad \frac{11.5}{30}$$

79.0

$$\frac{9.0}{50} \quad \frac{7.3}{41} \quad \frac{9.3}{37} \quad \frac{11.7}{33-28} \quad \frac{6.6}{20} \quad \frac{5.5}{9} \quad 5.2 \quad \frac{5.5}{10} \quad \frac{6.2}{21} \quad \frac{9.0}{29} \quad \frac{9.5}{50}$$

76.0

Inv

$$\frac{9.4}{50} \quad \frac{9.5}{36} \quad \frac{12.0}{32} \quad \frac{12.0}{23} \quad \frac{12.47}{23} \quad \frac{6.1}{15} \quad \frac{5.5}{10} \quad 5.1 \quad \frac{5.8}{13} \quad \frac{12.78}{23} \quad \frac{12.1}{25} \quad \frac{12.2}{36} \quad \frac{9.6}{42} \quad \frac{9.7}{50}$$

Inv

$$\frac{12.1}{25} \quad \frac{12.2}{36} \quad \frac{12.4}{100}$$

$$\frac{8.9}{50} \quad \frac{8.7}{29} \quad \frac{6.3}{18} \quad \frac{5.2}{9} \quad 49 \quad \frac{5.2}{10} \quad \frac{5.9}{17} \quad \frac{9.7}{30} \quad \frac{10.0}{50}$$

$$\frac{8.1}{50} \quad \frac{7.8}{29} \quad \frac{5.2}{19} \quad \frac{4.1}{9} \quad 38 \quad \frac{4.1}{11} \quad \frac{4.5}{15} \quad \frac{8.5}{31} \quad \frac{9.0}{50}$$

$$\frac{7.8}{50} \quad \frac{7.1}{29} \quad \frac{3.7}{19} \quad \frac{2.6}{10} \quad 25 \quad \frac{2.8}{10} \quad \frac{3.8}{20} \quad \frac{8.4}{31} \quad \frac{8.8}{50}$$

$$\frac{6.4}{50} \quad \frac{6.1}{33} \quad \frac{1.4}{20} \quad \frac{1.1}{10} \quad 0.8 \quad \frac{1.1}{10} \quad \frac{1.9}{20} \quad \frac{8.0}{43} \quad \frac{8.0}{50}$$

| Sta               | +     | $\Delta$ | -          | Elev   |
|-------------------|-------|----------|------------|--------|
|                   |       | 898.30   |            |        |
| 210+50            |       |          |            | 889.5  |
| +59               |       |          |            | 889.9  |
| +77 <sup>60</sup> |       |          | $\pm$ Dg/c | 890.64 |
| B.M.              | 7.66  | 898.30   | 7.66       | 890.64 |
| 211               |       |          |            | 891.1  |
| +50               |       |          |            | 892.3  |
| 212               |       |          |            | 894.3  |
| +50               |       |          |            | 896.0  |
| 213               |       |          |            | 897.3  |
| +50               |       |          |            | 896.7  |
| 214               |       |          |            | 894.9  |
| +50               |       |          |            | 893.1  |
| 215               |       |          |            | 891.4  |
| B.M.              | 13.71 | 908.71   | 3.30       | 895.00 |
|                   |       |          |            | 895.00 |

Lt

L

Rt

$$\frac{11.7}{50} \quad \frac{11.7}{46} \quad \frac{10.3}{38} \quad \frac{9.3}{18} \quad 8.8 \quad \frac{9.3}{20} \quad \frac{8.8}{24} \quad \frac{8.5}{50}$$

$$\frac{9.3}{50} \quad \frac{8.9}{26} \quad \frac{8.6}{12} \quad \frac{8.4}{5} \quad 8.4 \quad \frac{8.4}{16} \quad \frac{8.7}{30} \quad \frac{8.3}{34} \quad \frac{8.0}{50}$$

$$\frac{7.9}{100} \quad \frac{8.0}{50} \quad 7.66 \quad \frac{6.9}{50} \quad \frac{5.7}{100}$$

Top Mort. Dale + B" Sta 210 + 7760

$$\frac{8.0}{50} \quad \frac{7.7}{17} \quad \frac{7.5}{11} \quad 7.2 \quad \frac{7.3}{14} \quad \frac{7.5}{26} \quad \frac{7.6}{50}$$

$$\frac{5.8}{50} \quad \frac{6.2}{30} \quad \frac{6.6}{21} \quad \frac{6.2}{14} \quad 6.0 \quad \frac{6.4}{10} \quad \frac{6.6}{17} \quad \frac{6.1}{24} \quad \frac{6.6}{44} \quad \frac{12.2}{56}$$

$$\frac{0.8}{50} \quad \frac{2.2}{34} \quad \frac{3.6}{27} \quad \frac{4.5}{18} \quad \frac{4.4}{12} \quad 4.0 \quad \frac{4.3}{11} \quad \frac{4.8}{16} \quad \frac{3.8}{28} \quad \frac{4.5}{40} \quad \frac{7.6}{50}$$

$$\frac{0.3}{32} \quad \frac{3.0}{23} \quad \frac{2.5}{10} \quad 2.3 \quad \frac{2.7}{12} \quad \frac{2.0}{27} \quad \frac{1.8}{50}$$

$$\frac{0.9}{33} \quad \frac{2.4}{22} \quad \frac{1.2}{11} \quad \frac{1.1}{7} \quad 1.0 \quad \frac{1.3}{12} \quad \frac{1.4}{21} \quad \frac{1.1}{25} \quad \frac{1.6}{50}$$

$$\frac{0.4}{30} \quad \frac{2.2}{21} \quad \frac{1.8}{10} \quad 1.6 \quad \frac{1.9}{13} \quad \frac{2.6}{18} \quad \frac{2.1}{27} \quad \frac{2.2}{50}$$

$$\frac{0.3}{33} \quad \frac{3.9}{28} \quad \frac{3.7}{10} \quad 3.4 \quad \frac{3.8}{13} \quad \frac{4.6}{18} \quad \frac{3.7}{28} \quad \frac{4.1}{15}$$

$$\frac{3.7}{32} \quad \frac{5.8}{18} \quad \frac{5.5}{10} \quad 5.2 \quad \frac{5.5}{13} \quad \frac{6.5}{33} \quad \frac{8.0}{50}$$

$$\frac{5.8}{30} \quad \frac{7.7}{18} \quad \frac{7.4}{11} \quad 6.9 \quad \frac{7.3}{12} \quad \frac{8.4}{29} \quad \frac{10.7}{50}$$

Top Conc. Mon U.S.G.S # 10 32' Rt Sta 214 + 31

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|     |   | 908.71   |   |      |

212+50

213

+50

214

+50

215

+50

|    |      |        |      |        |
|----|------|--------|------|--------|
| BM | 0.36 | 895.36 | 1371 | 895.00 |
|----|------|--------|------|--------|

|        |  |  |  |       |
|--------|--|--|--|-------|
| 215+50 |  |  |  | 888.6 |
|--------|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 216 |  |  |  | 887.8 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 886.3 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 217 |  |  |  | 884.8 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 883.2 |
|-----|--|--|--|-------|



L+

Q

R+

$$\frac{64}{75} \quad \frac{65}{50} \quad \frac{64}{46}$$

$$\frac{113}{75} \quad \frac{16}{60} \quad \frac{21}{46}$$

$$\frac{8.0}{75} \quad \frac{1.6}{60} \quad \frac{3.0}{45}$$

$$\frac{12}{75} \quad \frac{2.2}{25} \quad \frac{3.7}{46}$$

$$\frac{5.8}{75} \quad \frac{8.1}{42}$$

$$\frac{7.5}{75} \quad \frac{18.4}{41}$$

$$\frac{8.3}{75} \quad \frac{13.2}{38}$$

$$\frac{5.7}{27} \quad \frac{65}{18} \quad \frac{64}{10} \quad 68 \quad \frac{6.0}{11} \quad \frac{6.8}{19} \quad \frac{11.5}{30} \quad \frac{15.6}{50}$$

$$\frac{0.0}{56} \quad \frac{0.8}{52} \quad \frac{2.1}{38} \quad \frac{7.4}{27} \quad \frac{7.8}{11} \quad 76 \quad \frac{8.0}{11} \quad \frac{8.5}{17}$$

$$\frac{06}{63} \quad \frac{28}{50} \quad \frac{44}{37} \quad \frac{9.4}{26} \quad \frac{9.4}{11} \quad 91 \quad \frac{9.5}{70} \quad \frac{10.2}{15}$$

$$\frac{22}{60} \quad \frac{41}{50} \quad \frac{60}{37} \quad \frac{113}{24} \quad \frac{10.7}{10} \quad 106 \quad \frac{11.1}{10} \quad \frac{11.6}{16}$$

$$\frac{3.4}{60} \quad \frac{5.8}{50} \quad \frac{7.8}{35} \quad \frac{12.9}{26-22} \quad \frac{12.2}{10} \quad 12.2 \quad \frac{12.6}{10} \quad \frac{13.4}{18}$$

| Sta | + | 7 | - | Elev |
|-----|---|---|---|------|
|-----|---|---|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 895.36 |  |  |
|--|--|--------|--|--|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 218 |  |  |  | 881.7 |
|-----|--|--|--|-------|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 219 |  |  |  |  |
|-----|--|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 0.71 | 883.89 | 1218 | 883.18 |
|------|------|--------|------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| 216 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 217 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 218 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|  |  |  |  |       |
|--|--|--|--|-------|
|  |  |  |  | 880.5 |
|--|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 219 |  |  |  | 878.8 |
|-----|--|--|--|-------|

|     |  |  |  |  |
|-----|--|--|--|--|
| +40 |  |  |  |  |
|-----|--|--|--|--|

|  |  |  |  |       |
|--|--|--|--|-------|
|  |  |  |  | 877.9 |
|--|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 220 |  |  |  | 877.3 |
|-----|--|--|--|-------|

|      |      |        |     |        |
|------|------|--------|-----|--------|
| T.P. | 4.27 | 883.93 | 423 | 879.66 |
|------|------|--------|-----|--------|

Lt

L

Rt

$$\frac{2.7}{60} \quad \frac{50}{50} \quad \frac{66}{46} \quad \frac{142}{23} \quad \frac{136}{11} \quad 137$$

$$\frac{22}{60} \quad \frac{42}{50} \quad \frac{5.5}{43}$$

$$\frac{76}{60} \quad \frac{96}{50} \quad \frac{11.2}{36}$$

$$\frac{36}{30} \quad \frac{74}{50}$$

$$\frac{7.6}{36} \quad \frac{9.8}{50}$$

$$\frac{10.1}{38} \quad \frac{12.9}{50}$$

$$\frac{10.7}{36} \quad \frac{12.5}{50}$$

$$\frac{28}{10} \quad \frac{36}{18} \quad \frac{110}{34} \quad \frac{123}{44} \quad \frac{147}{44} \quad \frac{121}{47} \quad \frac{125}{50}$$

$$\frac{3.6}{26} \quad \frac{4.2}{22} \quad \frac{3.6}{16} \quad \frac{3.4}{10} \quad 34 \quad \frac{38}{11} \quad \frac{44}{19} \quad \frac{8.7}{30} \quad \frac{10.2}{40} \quad \frac{13.5}{40-42} \quad \frac{9.8}{42} \quad \frac{103}{50}$$

$$\frac{5.7}{22} \quad \frac{5.2}{16} \quad \frac{4.9}{10} \quad 51 \quad \frac{5.4}{10} \quad \frac{6.3}{15} \quad \frac{9.7}{26} \quad \frac{10.9}{41} \quad \frac{12.9}{41-43} \quad \frac{10.9}{44} \quad \frac{10.7}{50}$$

$$\frac{3.2}{50} \quad \frac{5.8}{30} \quad \frac{7.2}{23} \quad \frac{6.5}{19} \quad \frac{60}{11} \quad 60 \quad \frac{6.6}{10} \quad \frac{7.1}{17} \quad \frac{10.5}{25} \quad \frac{11.5}{40} \quad \frac{14.5}{40-43} \quad \frac{11.7}{43} \quad \frac{12.0}{50}$$

$$\frac{9.2}{50} \quad \frac{10.0}{24} \quad \frac{7.5}{19} \quad \frac{6.7}{10} \quad 66 \quad \frac{7.3}{11} \quad \frac{10.4}{23} \quad \frac{12.4}{40} \quad \frac{15.4}{40-42} \quad \frac{12.4}{42} \quad \frac{12.4}{50}$$

| Sta    | +           | $\pi$  | -    | Elev   |
|--------|-------------|--------|------|--------|
|        |             | 883.53 |      |        |
| 220+50 |             |        |      | 877.1  |
| 221    |             |        |      | 877.2  |
| +50    |             |        |      | 877.5  |
| 222    |             |        |      | 878.0  |
| +45'   | 24" X Drain |        |      | 878.3  |
| 223    |             |        |      | 879.2  |
| +50    |             |        |      | 880.7  |
| +81    |             |        |      | 881.8  |
| 224    |             |        |      | 882.6  |
| +50    |             |        |      |        |
| 225    |             |        |      |        |
| T.P.   | 10.47       | 894.15 | 0.25 | 883.68 |
| 224+50 |             |        |      | 884.9  |

L+

✱

R+

$$\frac{9.5}{50} \quad \frac{10.1}{27} \quad \frac{12.9}{26} \quad \frac{7.7}{20} \quad \frac{6.8}{11} \quad 6.8 \quad \frac{9.2}{11} \quad \frac{8.2}{17} \quad \frac{11.1}{24} \quad \frac{13.0}{38} \quad \frac{16.0}{38-40} \quad \frac{12.8}{40} \quad \frac{12.6}{50}$$

$$\frac{9.3}{50} \quad \frac{9.9}{26} \quad \frac{12.7}{25} \quad \frac{7.8}{20} \quad \frac{6.9}{11} \quad 6.7 \quad \frac{6.9}{11} \quad \frac{7.6}{16} \quad \frac{11.9}{28} \quad \frac{13.0}{37} \quad \frac{16.0}{37-40} \quad \frac{13.2}{40} \quad \frac{13.6}{50}$$

$$\frac{9.7}{50} \quad \frac{10.1}{27} \quad \frac{12.5}{26} \quad \frac{6.9}{18} \quad \frac{6.4}{10} \quad 6.4 \quad \frac{6.6}{10} \quad \frac{6.9}{16} \quad \frac{12.7}{32} \quad \frac{13.5}{37} \quad \frac{14.2}{37-40} \quad \frac{13.2}{40} \quad \frac{13.8}{50}$$

$$\frac{9.9}{50} \quad \frac{9.9}{28} \quad \frac{11.6}{27} \quad \frac{6.6}{20} \quad \frac{5.9}{11} \quad 5.9 \quad \frac{6.2}{10} \quad \frac{7.1}{18} \quad \frac{11.8}{29} \quad \frac{12.8}{37} \quad \frac{13.9}{37-41} \quad \frac{13.0}{41} \quad \frac{13.1}{50}$$

$$\begin{array}{c} \text{Inv} \\ \frac{9.6}{50} \quad \frac{10.3}{30} \quad \frac{11.0}{29} \quad \frac{11.0}{28} \quad \frac{9.8}{27} \quad \frac{6.5}{18} \quad \frac{5.6}{10} \quad 5.6 \quad \frac{5.8}{10} \quad \frac{6.5}{17} \quad \frac{11.1}{26} \quad \frac{13.8}{27} \quad \frac{13.8}{27} \quad \frac{11.2}{37} \quad \frac{11.9}{50} \end{array}$$

$$\frac{9.1}{50} \quad \frac{9.8}{33} \quad \frac{8.4}{28} \quad \frac{7.8}{24} \quad \frac{5.2}{18} \quad \frac{4.8}{11} \quad 4.7 \quad \frac{5.1}{10} \quad \frac{5.6}{18} \quad \frac{9.2}{26} \quad \frac{11.0}{38} \quad \frac{10.7}{50}$$

$$\frac{7.3}{50} \quad \frac{8.3}{31} \quad \frac{6.9}{28} \quad \frac{6.5}{25} \quad \frac{3.9}{18} \quad \frac{3.3}{11} \quad 3.2 \quad \frac{3.8}{10} \quad \frac{4.0}{16} \quad \frac{8.3}{30} \quad \frac{8.1}{50}$$

$$\frac{5.2}{50} \quad \frac{4.7}{28} \quad \frac{2.6}{17} \quad \frac{2.2}{10} \quad 2.1 \quad \frac{2.5}{10} \quad \frac{2.9}{17} \quad \frac{6.0}{25} \quad \frac{7.3}{50}$$

$$\frac{2.8}{50} \quad \frac{2.6}{23} \quad \frac{1.9}{19} \quad \frac{1.5}{11} \quad 1.3 \quad \frac{1.8}{10} \quad \frac{2.5}{17} \quad \frac{5.8}{27} \quad \frac{6.5}{50}$$

$$\frac{3.9}{29} \quad \frac{4.7}{50}$$

$$\frac{1.7}{27} \quad \frac{1.3}{50}$$

$$\frac{10.4}{50} \quad \frac{11.6}{30} \quad \frac{10.9}{28} \quad \frac{10.6}{21} \quad \frac{10.0}{18} \quad \frac{9.5}{10} \quad 9.3 \quad \frac{9.7}{10} \quad \frac{10.3}{17}$$



| Sta | x | h | - | Elev. |
|-----|---|---|---|-------|
|-----|---|---|---|-------|

894.15

225

887.2

+50

889.7

226

892.2

T.P.

11.97

905.87

0.25

893.90

+50

894.6

227

897.1

+50

899.7

B.M

2.49

905.87

2.49

903.38

903.41

228

902.2

+50

904.9

T.P.

11.54

917.16

0.25

905.62

229

907.4

+50

909.7

230

912.1

+60

915.2

L

X

R+

$$\frac{8.4}{50} \quad \frac{9.3}{38} \quad \frac{8.7}{28} \quad \frac{9.0}{24} \quad \frac{7.8}{19} \quad \frac{7.3}{10} \quad \frac{7.9}{17}$$

$$\frac{7.3}{50} \quad \frac{7.3}{24} \quad \frac{5.1}{18} \quad \frac{4.7}{11} \quad 4.5 \quad \frac{5.0}{11} \quad \frac{5.4}{20} \quad \frac{7.9}{24} \quad \frac{9.5}{50}$$

$$\frac{4.9}{50} \quad \frac{3.1}{30} \quad \frac{3.1}{23} \quad \frac{2.4}{20} \quad \frac{2.1}{11} \quad 2.0 \quad \frac{2.2}{11} \quad \frac{2.7}{19} \quad \frac{3.7}{25} \quad \frac{3.9}{32} \quad \frac{3.4}{50}$$

$$\frac{12.0}{50} \quad \frac{10.5}{28} \quad \frac{12.4}{24} \quad \frac{11.6}{17} \quad \frac{11.4}{10} \quad 11.3 \quad \frac{11.5}{10} \quad \frac{11.7}{28} \quad \frac{10.5}{33} \quad \frac{11.6}{41} \quad \frac{11.4}{50}$$

$$\frac{9.7}{50} \quad \frac{8.3}{33} \quad \frac{8.3}{21} \quad \frac{9.0}{11} \quad 8.8 \quad \frac{9.2}{11} \quad \frac{9.0}{27} \quad \frac{7.6}{33} \quad \frac{8.1}{37} \quad \frac{8.9}{50}$$

$$\frac{6.7}{50} \quad \frac{6.3}{49} \quad \frac{6.9}{39} \quad \frac{5.8}{32} \quad \frac{7.7}{29} \quad \frac{7.8}{21} \quad \frac{7.0}{17} \quad \frac{6.4}{10} \quad 6.2 \quad \frac{6.7}{11} \quad \frac{6.5}{24} \quad \frac{4.7}{31} \quad \frac{4.7}{50}$$

Top Conc Mon U.S. G.S. # G 9 33' 41 5/4 227+88

$$\frac{3.5}{50} \quad \frac{2.9}{44} \quad \frac{2.8}{35} \quad \frac{1.5}{32} \quad \frac{5.0}{23} \quad \frac{4.0}{12} \quad 3.7 \quad \frac{4.0}{11} \quad \frac{4.4}{23} \quad \frac{3.7}{28} \quad \frac{3.3}{50}$$

$$\frac{0.0}{50} \quad \frac{0.2}{31} \quad \frac{1.2}{24} \quad \frac{1.1}{10} \quad 1.0 \quad \frac{1.2}{11} \quad \frac{1.9}{16} \quad \frac{1.7}{21} \quad \frac{1.9}{50}$$

$$\frac{10.3}{50} \quad \frac{9.8}{23} \quad \frac{9.8}{9} \quad 9.8 \quad \frac{10.0}{11} \quad \frac{10.6}{19} \quad \frac{11.3}{28} \quad \frac{12.4}{50}$$

$$\frac{9.2}{50} \quad \frac{9.0}{25} \quad \frac{7.8}{18} \quad \frac{7.6}{9} \quad 7.5 \quad \frac{7.8}{11} \quad \frac{8.3}{17} \quad \frac{12.6}{28} \quad \frac{12.6}{50}$$

$$\frac{8.3}{50} \quad \frac{8.3}{27} \quad \frac{5.6}{17} \quad \frac{5.2}{9} \quad 5.1 \quad \frac{5.6}{11} \quad \frac{6.3}{19} \quad \frac{11.9}{32} \quad \frac{12.0}{50}$$

$$\frac{6.7}{50} \quad \frac{6.4}{27} \quad \frac{2.4}{16} \quad \frac{2.2}{8} \quad 2.0 \quad \frac{2.5}{12} \quad \frac{3.5}{19} \quad \frac{8.1}{32} \quad \frac{8.2}{50}$$

| Sta    | +     | $\pi$   | -    | Elev   |
|--------|-------|---------|------|--------|
|        |       | 917.16  |      |        |
| 230+68 |       |         |      | 915.6  |
| 231    |       |         |      | 917.2  |
| +15    |       |         |      |        |
| +25    |       |         |      |        |
| +65    |       |         |      |        |
| T.P    | 13.69 | 93 0.55 | 0.30 | 916.86 |
| 231+15 |       |         |      | 917.9  |
| +25    |       |         |      | 918.4  |
| +65    |       |         |      | 920.4  |
| 232    |       |         |      | 922.5  |
| +08    |       |         |      | 923.0  |
| +15    |       |         |      | 923.5  |
| +40    |       |         |      | 925.0  |

L+

±

R+

$$\frac{61}{50} \quad \frac{5.0}{26} \quad \frac{2.3}{16} \quad \frac{1.7}{7} \quad 1.6 \quad \frac{2.2}{13} \quad \frac{3.2}{26} \quad \frac{3.7}{50}$$

$$\frac{4.7}{50} \quad \frac{4.6}{28} \quad \frac{0.6}{16} \quad \frac{0.2}{7} \quad 0.0 \quad \frac{0.6}{13} \quad \frac{3.6}{28} \quad \frac{2.8}{34} \quad \frac{2.8}{50}$$

$$\frac{4.1}{50} \quad \frac{3.5}{27} \quad \frac{0.3}{18} \quad \frac{3.0}{30} \quad \frac{2.8}{33} \quad \frac{2.8}{50}$$

$$\frac{3.8}{50} \quad \frac{3.2}{30}$$

$$\frac{0.6}{50} \quad \frac{0.4}{35} \quad \frac{0.0}{30}$$

$$\frac{13.1}{17} \quad \frac{13.0}{11} \quad 12.7 \quad \frac{13.2}{12} \quad \frac{13.6}{17}$$

$$\frac{12.9}{17} \quad \frac{12.5}{7} \quad 12.2 \quad \frac{12.7}{13} \quad \frac{13.8}{25} \quad \frac{12.7}{31} \quad \frac{11.9}{50}$$

$$\frac{10.5}{20} \quad \frac{10.5}{7} \quad 10.2 \quad \frac{10.5}{12} \quad \frac{10.8}{21} \quad \frac{10.3}{28} \quad \frac{10.2}{50}$$

$$\frac{7.3}{50} \quad \frac{6.9}{30} \quad \frac{8.6}{21} \quad \frac{8.3}{7} \quad 8.1 \quad \frac{8.3}{13} \quad \frac{9.1}{21} \quad \frac{8.8}{50}$$

$$\frac{5.2}{50} \quad \frac{5.4}{35} \quad \frac{7.8}{19} \quad \frac{7.7}{7} \quad 7.6 \quad \frac{7.8}{13} \quad \frac{8.0}{16} \quad \frac{8.6}{22} \quad \frac{8.2}{26} \quad \frac{8.5}{50}$$

$$\frac{3.9}{50} \quad \frac{4.1}{36} \quad \frac{7.3}{23} \quad \frac{7.3}{8} \quad 7.1 \quad \frac{7.4}{13} \quad \frac{7.6}{25} \quad \frac{4.8}{36} \quad \frac{4.3}{50}$$

$$\frac{10.5}{50} \quad \frac{0.9}{31} \quad \frac{4.9}{31} \quad \frac{6.4}{22} \quad \frac{5.8}{9} \quad 5.6 \quad \frac{6.0}{13} \quad \frac{6.2}{19} \quad \frac{6.9}{20-24} \quad \frac{2.7}{35} \quad \frac{2.7}{50}$$

| Sta    | +     | X      | -    | Elev   |
|--------|-------|--------|------|--------|
|        |       | 930.55 |      |        |
| 232+83 |       |        |      | 927.0  |
| 233    |       |        |      | 927.7  |
| +50    |       |        |      | 930.4  |
| T.P.   | 12.49 | 942.79 | 0.25 | 930.30 |
| 232+83 |       |        |      |        |
| 233    |       |        |      |        |
| +50    |       |        |      |        |
| +70    |       |        |      | 931.5  |
| 234    |       |        |      | 933.0  |
| +50    |       |        |      | 935.0  |
| 235    |       |        |      | 936.9  |
| +50    |       |        |      | 938.8  |
| +85    |       |        |      | 939.9  |



Lx

K

Px

$$\frac{2.9}{30} \frac{4.0}{22} \frac{3.9}{9} = 3.1 \frac{4.0}{13} \frac{4.9}{23-25}$$

$$\frac{2.1}{30} \frac{3.2}{23} \frac{3.0}{8} \quad 2.9 \frac{3.1}{13} \frac{3.5}{19} \frac{4.6}{22-24}$$

$$\frac{0.1}{30} \frac{0.4}{16} \frac{0.3}{7} \quad 0.2 \frac{0.2}{13} \frac{0.5}{16} \frac{1.4}{24}$$

$$\frac{8.4}{50} \frac{10.9}{30}$$

$$\frac{10.3}{40} \frac{10.0}{30} \frac{12.9}{65}$$

$$\frac{7.4}{50} \frac{9.6}{30}$$

$$\frac{8.1}{42} \frac{12.4}{65}$$

$$\frac{6.6}{50} \frac{8.2}{30}$$

$$\frac{6.8}{41} \frac{8.4}{50} \frac{10.5}{65}$$

$$\frac{4.4}{50} \frac{5.6}{39} \frac{10.7}{25} \frac{11.5}{23} \frac{10.3}{20} \quad 11.3 \frac{11.7}{12} \frac{11.8}{18} \frac{12.5}{22} \frac{5.9}{41} \frac{7.6}{50} \frac{10.1}{65}$$

$$\frac{5.8}{50} \frac{5.7}{38} \frac{10.9}{25-21} \frac{10.3}{19} \frac{9.9}{8} \quad 9.8 \frac{10.1}{13} \frac{10.9}{23} \frac{4.0}{42} \frac{5.1}{50} \frac{7.6}{65}$$

$$\frac{6.6}{50} \frac{5.8}{33} \frac{9.2}{24-21} \frac{8.5}{18} \frac{8.0}{9} \quad 7.8 \frac{7.9}{12} \frac{8.7}{23} \frac{1.2}{44} \frac{1.4}{50} \frac{2.0}{65}$$

$$\frac{4.6}{50} \frac{3.8}{34} \frac{7.0}{24} \frac{6.3}{18} \quad 5.9 \frac{6.2}{11} \frac{6.4}{25}$$

$$\frac{1.4}{50} \frac{0.3}{35} \frac{4.2}{26} \frac{4.8}{22} \frac{4.2}{10} \quad 4.0 \frac{4.2}{12} \frac{4.9}{24}$$

$$\frac{2.3}{28} \frac{3.6}{22} \frac{3.0}{10} \quad 2.9 \frac{3.1}{11} \frac{3.8}{25}$$

| Sta | +    | $\Delta$ | -    | Elev   |        |
|-----|------|----------|------|--------|--------|
| 236 |      | 942.79   |      | 940.4  |        |
| +30 |      |          |      | 941.2  |        |
| B.M | 8.91 | 951.42   | 0.29 | 942.50 | 942.51 |
| 235 |      |          |      |        |        |
| +50 |      |          |      |        |        |
| +85 |      |          |      |        |        |
| 236 |      |          |      |        |        |
| +30 |      |          |      |        |        |
| +50 |      |          |      | 941.8  |        |
| +80 |      |          |      | 942.5  |        |
| +90 |      |          |      | 942.6  |        |
| 237 |      |          |      | 942.7  |        |
| +15 |      |          |      | 942.5  |        |

L4.

K

R4

$$\frac{1.8}{28} \quad \frac{3.0}{22} \quad \frac{2.6}{10} \quad 24 \quad \frac{28}{12} \quad \frac{33}{25} \quad \frac{2.9}{30} \quad \frac{3.1}{50}$$

$$\frac{1.1}{27} \quad \frac{2.0}{23} \quad \frac{1.8}{10} \quad 1.6 \quad \frac{2.0}{12} \quad \frac{2.7}{25} \quad \frac{1.5}{29} \quad \frac{1.4}{50}$$

Top Main Western + Co Rd B' 236 + 90.17

$$\frac{77}{43} \quad \frac{8.0}{50} \quad \frac{8.0}{60}$$

$$\frac{6.9}{40} \quad \frac{8.1}{50} \quad \frac{8.7}{60}$$

$$\frac{8.2}{50} \quad \frac{7.4}{36}$$

$$\frac{9.2}{35} \quad \frac{10.0}{50}$$

$$\frac{6.8}{50} \quad \frac{6.3}{37}$$

$$\frac{4.5}{60} \quad \frac{4.6}{50} \quad \frac{3.9}{40}$$

$$\frac{2.9}{60} \quad \frac{2.5}{50} \quad \frac{2.1}{40} \quad \frac{8.2}{30} \quad \frac{9.9}{23} \quad \frac{9.7}{9} \quad 9.6 \quad \frac{10.0}{11} \quad \frac{10.5}{28} \quad \frac{10.9}{23} \quad \frac{6.5}{35} \quad \frac{6.8}{41} \quad \frac{7.6}{50}$$

$$\frac{0.6}{60} \quad \frac{0.6}{50} \quad \frac{0.8}{44} \quad \frac{5.4}{35} \quad \frac{8.9}{27} \quad \frac{8.9}{9} \quad 8.9 \quad \frac{9.3}{11} \quad \frac{9.5}{26} \quad \frac{4.5}{37} \quad \frac{6.3}{50}$$

$$\frac{6.5}{50} \quad \frac{8.0}{33} \quad \frac{8.7}{11} \quad 8.8 \quad \frac{8.9}{11} \quad \frac{8.7}{29} \quad \frac{7.2}{50}$$

$$\frac{6.7}{50} \quad \frac{8.4}{15} \quad 8.7 \quad \frac{8.9}{15} \quad \frac{7.3}{50}$$

$$\frac{7.1}{50} \quad \frac{8.4}{31} \quad \frac{8.7}{15} \quad 8.9 \quad \frac{9.1}{14} \quad \frac{8.6}{29} \quad \frac{6.9}{50}$$

| Sta     | +    | Δ      | -    | Elev   |
|---------|------|--------|------|--------|
|         |      | 951.42 |      |        |
| 237 +23 |      |        |      | 942.4  |
| +60     |      |        |      | 941.6  |
| 238     |      |        |      | 940.7  |
| +50     |      |        |      | 939.5  |
| 239     |      |        |      |        |
| +50     |      |        |      |        |
| B.M     | 1.40 | 943.91 | 8.91 | 942.51 |
| 239     |      |        |      | 939.0  |
| +50     |      |        |      | 937.9  |
| 240     |      |        |      | 936.9  |
| +29     |      |        |      | 936.3  |
| +50     |      |        |      | 935.9  |
| 241     |      |        |      | 934.9  |
| T.P.    | 1.24 | 938.39 | 6.76 | 937.15 |

LH

L

RH

$$\frac{6.7}{50} \quad \frac{7.4}{37} \quad \frac{8.8}{25} \quad \frac{8.9}{7} \quad 9.0 \quad \frac{9.3}{11} \quad \frac{9.4}{19} \quad \frac{9.6}{23} \quad \frac{3.1}{40} \quad \frac{2.9}{50}$$

$$\frac{6.8}{50} \quad \frac{7.4}{34} \quad \frac{9.2}{26} \quad \frac{9.9}{10} \quad 9.8 \quad \frac{10.1}{10} \quad \frac{10.1}{19} \quad \frac{10.9}{22} \quad \frac{3.0}{40} \quad \frac{3.9}{50} \quad \frac{4.2}{60}$$

$$\frac{8.6}{50} \quad \frac{9.1}{31} \quad \frac{10.7}{25} \quad \frac{11.1}{21} \quad \frac{10.7}{11} \quad 10.7 \quad \frac{11.0}{11} \quad \frac{11.3}{18} \quad \frac{12.0}{23} \quad \frac{5.2}{40} \quad \frac{6.0}{50} \quad \frac{6.2}{50}$$

$$\frac{11.3}{50} \quad \frac{10.9}{30} \quad \frac{12.9}{22} \quad \frac{12.1}{12} \quad 11.9 \quad \frac{11.5}{11} \quad \frac{11.5}{20} \quad \frac{12.1}{22} \quad \frac{4.3}{42} \quad \frac{4.6}{50} \quad \frac{4.8}{60}$$

$$\frac{6.1}{40} \quad \frac{6.3}{50} \quad \frac{6.8}{60}$$

$$\frac{11.0}{34} \quad \frac{11.2}{50}$$

Top Man. "13" &amp; Western

$$\frac{4.0}{50} \quad \frac{3.7}{28} \quad \frac{5.6}{21} \quad \frac{5.3}{18} \quad \frac{4.9}{10} \quad 4.9 \quad \frac{5.2}{10} \quad \frac{5.3}{18} \quad \frac{6.3}{22} \quad \frac{4.5}{29}$$

$$\frac{8.0}{50} \quad \frac{6.6}{24} \quad \frac{6.7}{16} \quad \frac{6.1}{9} \quad 6.0 \quad \frac{6.0}{11} \quad \frac{6.7}{19} \quad \frac{7.7}{22} \quad \frac{5.5}{30}$$

$$\frac{8.1}{50} \quad \frac{8.4}{20} \quad \frac{7.1}{9} \quad 7.0 \quad \frac{7.2}{11} \quad \frac{8.0}{17} \quad \frac{8.9}{21} \quad \frac{9.3}{27} \quad \frac{7.9}{33} \quad \frac{7.7}{50}$$

$$\frac{7.0}{50} \quad \frac{7.5}{36} \quad \frac{11.1}{25} \quad \frac{8.2}{17} \quad \frac{7.6}{8} \quad 7.6 \quad \frac{7.8}{11} \quad \frac{10.4}{23} \quad \frac{10.9}{33} \quad \frac{8.9}{50}$$

$$\frac{13.7}{50} \quad \frac{13.2}{27} \quad \frac{8.9}{18} \quad \frac{8.1}{9} \quad 8.0 \quad \frac{8.3}{10} \quad \frac{8.8}{16} \quad \frac{11.3}{25} \quad \frac{11.3}{36} \quad \frac{10.3}{50}$$

$$\frac{14.4}{50} \quad \frac{13.9}{26} \quad \frac{9.8}{19} \quad \frac{9.1}{8} \quad 9.0 \quad \frac{8.9}{10} \quad \frac{9.3}{17} \quad \frac{12.3}{24} \quad \frac{12.3}{29} \quad \frac{11.3}{40} \quad \frac{10.4}{50}$$



| Sta    | +    | $\pi$  | -     | Elev   |        |
|--------|------|--------|-------|--------|--------|
|        |      | 938.39 |       |        |        |
| 241+50 |      |        |       | 934.3  |        |
| 242    |      |        |       | 933.7  |        |
| +50    |      |        |       | 933.0  |        |
| 243    |      |        |       | 932.2  |        |
| +50    |      |        |       | 931.5  |        |
| 244    |      |        |       | 930.9  |        |
| +35    |      |        |       | 930.5  |        |
| +50    |      |        |       | 930.3  |        |
| BM     | 4.13 | 938.42 | 4.13  | 934.26 | 934.29 |
| 245    |      |        |       | 929.7  |        |
| +50    |      |        |       | 928.6  |        |
| T.P.   | 456  | 932.81 | 10.17 | 928.25 |        |
| 246    |      |        |       | 927.1  |        |
| +50    |      |        |       | 926.2  |        |

L1

L2

R1

$\frac{9.0}{50} \frac{8.9}{27} \frac{4.8}{19} \frac{4.1}{9} 4.1 \frac{4.2}{10} \frac{4.8}{18} \frac{6.3}{23} \frac{6.2}{29} \frac{5.9}{31} \frac{5.1}{50}$

$\frac{9.0}{50} \frac{8.7}{34} \frac{7.8}{26} \frac{5.5}{19} \frac{4.7}{9} 4.7 \frac{4.7}{10} \frac{5.7}{17} \frac{9.6}{26} \frac{9.8}{31} \frac{8.7}{34} \frac{8.1}{50}$

$\frac{11.9}{50} \frac{11.9}{37} \frac{9.5}{29} \frac{9.0}{22} \frac{6.8}{17} \frac{5.4}{9} 5.4 \frac{5.5}{10} \frac{6.5}{19} \frac{8.0}{23} \frac{8.1}{36} \frac{6.6}{50}$

$\frac{11.2}{50} \frac{11.4}{35} \frac{9.6}{30} \frac{9.8}{23} \frac{6.8}{16} \frac{6.2}{9} 6.2 \frac{6.3}{10} \frac{7.6}{18} \frac{9.6}{24} \frac{9.6}{32} \frac{5.6}{41} \frac{4.3}{50}$

$\frac{7.4}{50} \frac{7.9}{37} \frac{6.4}{31} \frac{6.2}{28} \frac{8.7}{23-20} \frac{7.8}{18} \frac{6.8}{9} 6.9 \frac{7.1}{11} \frac{8.1}{17} \frac{9.9}{25} \frac{9.9}{31} \frac{4.9}{50}$

$\frac{6.2}{50} \frac{6.7}{29} \frac{8.7}{24} \frac{8.7}{21} \frac{7.4}{18} \frac{7.6}{10} 7.5 \frac{7.7}{10} \frac{9.2}{18} \frac{10.9}{23-27} \frac{10.7}{29} \frac{11.5}{50}$

$\frac{6.1}{50} \frac{6.8}{29} \frac{9.0}{24} \frac{9.0}{21} \frac{7.6}{17} \frac{7.9}{9} 7.9 \frac{8.3}{10} \frac{9.0}{17} \frac{11.8}{28} \frac{12.4}{50}$

$\frac{6.1}{50} \frac{6.8}{29} \frac{9.2}{24} \frac{9.2}{21} \frac{7.9}{18} \frac{8.0}{9} 8.1 \frac{8.5}{10} \frac{8.6}{29} \frac{8.1}{50}$

N.W. Cor. 4' Conc Slab at Ho 125' L1 Stg 244+73

$\frac{6.3}{50} \frac{7.0}{31} \frac{9.7}{23} \frac{9.7}{20} \frac{8.7}{17} \frac{8.7}{9} 8.7 \frac{9.2}{10} \frac{9.2}{17} \frac{10.4}{21} \frac{10.4}{24} \frac{6.6}{32} \frac{5.2}{50}$

$\frac{6.1}{50} \frac{7.1}{34} \frac{10.4}{26} \frac{10.6}{20} \frac{9.8}{18} \frac{9.8}{9} 9.8 \frac{10.1}{10} \frac{10.0}{18} \frac{10.4}{25} \frac{10.3}{50}$

$\frac{3.4}{50} \frac{3.6}{36} \frac{4.6}{30} \frac{6.8}{24-21} \frac{5.5}{19} \frac{5.5}{8} 5.7 \frac{5.9}{9} \frac{6.1}{18} \frac{6.9}{22} \frac{8.0}{50}$

$\frac{4.5}{50} \frac{5.5}{30} \frac{8.0}{24-22} \frac{6.9}{19} \frac{6.6}{7} 6.6 \frac{6.8}{11} \frac{7.1}{18} \frac{8.0}{22-24} \frac{7.8}{50}$

| Sta  | +    | $\pi$           | -     | Elev   |
|------|------|-----------------|-------|--------|
|      |      | 932.81          |       |        |
| 247  |      |                 |       | 925.4  |
| +47  |      |                 |       | 924.5  |
| 248  |      |                 |       | 923.2  |
| +50  |      |                 |       | 921.7  |
| T.P. | 1.22 | 922.46          | 11.57 | 921.24 |
| 249  |      |                 |       | 920.5  |
| +35  |      |                 |       | 919.6  |
| +65  |      |                 |       | 919.0  |
| 250  |      |                 |       | 918.2  |
| +50  |      |                 |       | 917.1  |
| 251  |      |                 |       | 916.2  |
| +13  |      | Profile Dean Rd |       | 916.0  |
| +50  |      |                 |       | 915.7  |

21

★

R4

$$\frac{42}{50} \quad \frac{41}{33} \quad \frac{87}{24-21} \quad \frac{73}{17} \quad \frac{73}{8} \quad 74 \quad \frac{77}{10} \quad \frac{82}{19} \quad \frac{90}{22-26} \quad \frac{32}{35} \quad \frac{42}{50}$$

$$\frac{37}{50} \quad \frac{35}{35} \quad \frac{92}{25} \quad \frac{96}{23-20} \quad \frac{86}{15} \quad 83 \quad \frac{87}{10} \quad \frac{91}{8} \quad \frac{101}{21-24} \quad \frac{15}{40} \quad \frac{11}{50}$$

$$\frac{74}{50} \quad \frac{75}{31} \quad \frac{105}{24-21} \quad \frac{99}{18} \quad \frac{97}{9} \quad 96 \quad \frac{96}{10} \quad \frac{101}{18} \quad \frac{110}{21-24} \quad \frac{69}{34} \quad \frac{60}{50}$$

$$\frac{141}{50} \quad \frac{138}{32} \quad \frac{130}{24} \quad \frac{120}{19} \quad \frac{113}{9} \quad 111 \quad \frac{115}{10} \quad \frac{119}{19} \quad \frac{126}{30} \quad \frac{130}{50}$$

$$\frac{94}{50} \quad \frac{82}{35} \quad \frac{53}{24} \quad \frac{28}{17} \quad \frac{22}{9} \quad 20 \quad \frac{26}{11} \quad \frac{33}{20} \quad \frac{40}{23} \quad \frac{39}{28} \quad \frac{34}{50}$$

$$\frac{105}{50} \quad \frac{92}{39} \quad \frac{57}{24} \quad \frac{36}{18} \quad \frac{30}{9} \quad 29 \quad \frac{33}{11} \quad \frac{39}{19} \quad \frac{49}{23-26} \quad \frac{26}{30} \quad \frac{29}{50}$$

$$\frac{100}{50} \quad \frac{77}{32} \quad \frac{58}{22} \quad \frac{40}{17} \quad \frac{36}{8} \quad 35 \quad \frac{40}{11} \quad \frac{42}{19} \quad \frac{60}{26} \quad \frac{72}{50}$$

$$\frac{83}{50} \quad \frac{77}{23} \quad \frac{50}{17} \quad \frac{44}{9} \quad 43 \quad \frac{49}{11} \quad \frac{58}{19} \quad \frac{86}{26} \quad \frac{99}{50}$$

$$\frac{73}{50} \quad \frac{87}{30} \quad \frac{82}{22} \quad \frac{60}{15} \quad \frac{56}{9} \quad 54 \quad \frac{60}{11} \quad \frac{66}{19} \quad \frac{103}{29} \quad \frac{105}{45} \quad \frac{100}{50}$$

$$\frac{78}{50} \quad \frac{84}{32} \quad \frac{98}{29-25} \quad \frac{73}{17} \quad \frac{65}{9} \quad 63 \quad \frac{67}{10} \quad \frac{76}{18} \quad \frac{106}{27-29} \quad \frac{70}{50}$$

$$65 \quad \frac{68}{10} \quad \frac{71}{15} \quad \frac{70}{32} \quad \frac{58}{50}$$

$$\frac{110}{50} \quad \frac{110}{25} \quad \frac{77}{16} \quad \frac{70}{9} \quad 68 \quad \frac{71}{10} \quad \frac{81}{18} \quad \frac{108}{25-28} \quad \frac{80}{32} \quad \frac{52}{50}$$

| Sta  | +                 | ↑      | -    | Elev   |
|------|-------------------|--------|------|--------|
|      |                   | 922.46 |      |        |
| 252  |                   |        |      | 915.4  |
| +50  |                   |        |      | 915.0  |
| 253  |                   |        |      | 914.6  |
| +05  |                   |        |      | 914.5  |
| +15  |                   |        |      | 914.4  |
| +50  |                   |        |      | 914.1  |
| T.P. | 4.48              | 917.99 | 8.95 | 913.51 |
| 254  |                   | 93     |      | 913.6  |
| +18  | Profile Ditch Rt. |        |      |        |
| +50  |                   |        |      | 913.3  |
| 255  |                   |        |      | 912.9  |
| +50  |                   |        |      | 912.5  |
| 256  |                   |        |      | 911.9  |



Lt

X

Ry

$$\frac{12.8}{50} \quad \frac{12.0}{32} \quad \frac{10.9}{24} \quad \frac{8.3}{17} \quad \frac{7.3}{9} \quad 7.1 \quad \frac{7.5}{11} \quad \frac{8.2}{18} \quad \frac{10.4}{24-26} \quad \frac{6.2}{32} \quad \frac{3.5}{50}$$

$$\frac{12.0}{50} \quad \frac{10.3}{25} \quad \frac{8.3}{17} \quad \frac{7.7}{9} \quad 7.5 \quad \frac{8.0}{11} \quad \frac{8.6}{17} \quad \frac{10.4}{23-26} \quad \frac{6.2}{32} \quad \frac{4.6}{50}$$

$$\frac{9.4}{50} \quad \frac{9.3}{35} \quad \frac{8.0}{28} \quad \frac{8.2}{9} \quad 7.9 \quad \frac{8.3}{12} \quad \frac{8.8}{17} \quad \frac{10.8}{23-27} \quad \frac{6.9}{33} \quad \frac{7.4}{50}$$

$$\frac{9.0}{50} \quad \frac{8.9}{34} \quad \frac{8.1}{30} \quad \frac{8.2}{9} \quad 8.0 \quad \frac{8.3}{12} \quad \frac{8.6}{21} \quad \frac{10.2}{25-29} \quad \frac{7.0}{32} \quad \frac{7.4}{50}$$

$$\frac{8.7}{50} \quad \frac{8.8}{34} \quad \frac{8.0}{30} \quad \frac{8.3}{9} \quad 8.1 \quad \frac{8.3}{12} \quad \frac{8.9}{29} \quad \frac{8.7}{50}$$

$$\frac{10.7}{50} \quad \frac{10.2}{26} \quad \frac{9.1}{18} \quad \frac{8.6}{9} \quad 8.4 \quad \frac{8.6}{11} \quad \frac{9.2}{21} \quad \frac{9.0}{50}$$

$$\frac{8.8}{50} \quad \frac{7.2}{26} \quad \frac{5.5}{20} \quad \frac{4.6}{9} \quad 4.4 \quad \frac{4.6}{10} \quad \frac{4.7}{22} \quad \frac{3.8}{35} \quad \frac{3.5}{50}$$

$$\frac{6.6}{26} \quad \frac{5.6}{50} \quad \frac{5.3}{100}$$

$$\frac{7.2}{50} \quad \frac{7.0}{27} \quad \frac{6.6}{21} \quad \frac{5.0}{9} \quad 4.7 \quad \frac{5.0}{12} \quad \frac{5.7}{21} \quad \frac{6.3}{23} \quad \frac{5.1}{30} \quad \frac{1.9}{36} \quad \frac{2.5}{50}$$

$$\frac{3.6}{50} \quad \frac{4.5}{32} \quad \frac{6.3}{27-22} \quad \frac{5.5}{20} \quad \frac{5.1}{8} \quad 5.1 \quad \frac{5.5}{10} \quad \frac{5.9}{18} \quad \frac{7.3}{24-26} \quad \frac{6.1}{30} \quad \frac{1.9}{36} \quad \frac{1.9}{50}$$

$$\frac{3.7}{50} \quad \frac{4.2}{32} \quad \frac{6.7}{24-21} \quad \frac{5.8}{18} \quad \frac{5.6}{9} \quad 5.5 \quad \frac{5.9}{10} \quad \frac{6.8}{18} \quad \frac{8.0}{22} \quad \frac{8.0}{27} \quad \frac{7.3}{30} \quad \frac{2.7}{37} \quad \frac{3.7}{50}$$

$$\frac{7.0}{50} \quad \frac{7.5}{40} \quad \frac{6.7}{24} \quad \frac{7.3}{22} \quad \frac{6.4}{18} \quad \frac{6.1}{9} \quad 6.1 \quad \frac{6.4}{10} \quad \frac{6.8}{17} \quad \frac{8.7}{24} \quad \frac{9.0}{29} \quad \frac{8.7}{33} \quad \frac{9.4}{50}$$

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 917.99 |  |  |
|--|--|--------|--|--|

|        |  |  |  |       |
|--------|--|--|--|-------|
| 256+50 |  |  |  | 911.5 |
|--------|--|--|--|-------|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 4.19 | 916.38 | 5.80 | 912.19 |
|------|------|--------|------|--------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 257 |  |  |  | 911.5 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 911.9 |
|-----|--|--|--|-------|

|     |           |  |  |       |
|-----|-----------|--|--|-------|
| +70 | ? X Drain |  |  | 912.3 |
|-----|-----------|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 258 |  |  |  | 913.2 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 915.1 |
|-----|--|--|--|-------|

|      |      |        |       |        |
|------|------|--------|-------|--------|
| T.P. | 2.08 | 905.57 | 12.89 | 903.49 |
|------|------|--------|-------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| 257 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +70 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 258 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 259 |  |  |  |  |
|-----|--|--|--|--|

L+

E

R+

$$\frac{9.0}{50} \frac{10.0}{24} \quad \frac{4.4}{18} \quad \frac{6.6}{9} \quad 6.5 \quad \frac{6.9}{9} \frac{7.1}{15} \quad \frac{12.7}{29} \frac{13.8}{50}$$

$$\frac{9.4}{50} \frac{9.7}{38} \quad \frac{9.0}{28} \quad \frac{5.9}{19} \quad \frac{5.1}{10} \quad 4.9 \quad \frac{5.0}{10} \quad \frac{5.6}{15}$$

$$\frac{9.8}{50} \frac{10.0}{36} \quad \frac{10.2}{34-31} \quad \frac{8.6}{25} \quad \frac{5.4}{18} \quad \frac{4.6}{10} \quad 4.5 \quad \frac{4.8}{9} \quad \frac{5.3}{17}$$

$$\frac{9.6}{50} \quad \text{Inv} \quad \frac{11.96}{24} \quad \frac{5.4}{18} \quad \frac{4.2}{9} \quad 4.1 \quad \frac{4.5}{10} \quad \frac{5.0}{16} \quad \frac{\text{Inv } 14.50}{23}$$

$$\frac{8.8}{50} \quad \frac{9.0}{40} \quad \frac{9.6}{35-32} \quad \frac{7.6}{25} \quad \frac{4.1}{18} \quad \frac{3.3}{9} \quad 3.2 \quad \frac{3.6}{9} \quad \frac{3.7}{15} \quad \frac{7.6}{24}$$

$$\frac{3.1}{50} \quad \frac{4.4}{39} \quad \frac{6.8}{33-28} \quad \frac{2.5}{18} \quad \frac{1.3}{10} \quad 1.3 \quad \frac{1.6}{10} \quad \frac{2.2}{15} \quad \frac{4.6}{21}$$

$$\frac{1.9}{33} \quad \frac{3.5}{44} \quad \frac{2.9}{52}$$

$$\frac{6.3}{43} \quad \frac{7.8}{59}$$

$$\frac{8.8}{49} \quad \frac{10.3}{65}$$

$$\frac{10.1}{53} \quad \frac{11.0}{65}$$

$$\frac{10.5}{57} \quad \frac{11.5}{65}$$

$$\frac{8.7}{59} \quad \frac{9.3}{65}$$

| Sta      | +     | $\pi$  | -    | Elev   |
|----------|-------|--------|------|--------|
|          |       | 905.57 |      |        |
| 259 + 50 |       |        |      |        |
| T.P.     | 12.89 | 916.38 | 2.08 | 903.49 |
|          | 7.96  | 923.93 | 0.41 | 915.97 |
| 259      |       |        |      | 917.0  |
| +50      |       |        |      | 919.3  |
| 260      |       |        |      | 921.7  |
| +40      |       |        |      | 923.6  |
| 261      |       |        |      |        |
| +23      |       |        |      |        |
| T.P.     | 12.99 | 936.82 | 0.10 | 923.83 |
| 261      |       |        |      | 926.5  |
| +23      |       |        |      | 927.8  |
| +60      |       |        |      | 929.7  |
| +84      |       |        |      | 931.1  |

2+

2

R+

$$\frac{38}{55} \quad \frac{46}{65}$$

$$\frac{5.5}{50} \quad \frac{6.4}{43} \quad \frac{10.6}{36} \quad \frac{11.7}{29} \quad \frac{11.7}{25} \quad \frac{8.1}{18} \quad \frac{7.0}{9} \quad 6.9 \quad \frac{7.2}{10} \quad \frac{7.4}{15} \quad \frac{10.2}{22}$$

$$\frac{4.1}{50} \quad \frac{5.8}{38} \quad \frac{8.1}{31} \quad \frac{8.1}{25} \quad \frac{5.0}{18} \quad \frac{4.7}{9} \quad 4.6 \quad \frac{4.8}{10} \quad \frac{5.4}{18}$$

$$\frac{5.2}{50} \quad \frac{6.1}{32} \quad \frac{6.6}{29-25} \quad \frac{2.9}{16} \quad \frac{2.2}{8} \quad 2.2 \quad \frac{28}{16} \quad \frac{3.7}{21} \quad \frac{14.8}{43} \quad \frac{15.8}{49} \quad \frac{17.1}{50-52} \quad \frac{16.3}{53} \quad \frac{17.3}{65}$$

$$\frac{8.4}{50} \quad \frac{8.0}{34} \quad \frac{6.6}{29} \quad \frac{1.4}{18} \quad \frac{0.3}{9} \quad 0.3 \quad \frac{0.5}{10} \quad \frac{1.7}{19} \quad \frac{10.6}{43} \quad \frac{12.0}{45-47} \quad \frac{11.3}{50} \quad \frac{11.8}{65}$$

$$\frac{2.4}{50} \quad \frac{6.2}{39} \quad \frac{5.1}{36} \quad \frac{4.8}{32}$$

$$\frac{2.8}{28} \quad \frac{5.4}{39} \quad \frac{4.2}{65}$$

$$\frac{2.4}{50} \quad \frac{2.6}{43}$$

$$\frac{11.1}{18} \quad \frac{10.5}{8} \quad 10.3 \quad \frac{10.5}{10} \quad \frac{11.3}{18}$$

$$\frac{13.1}{24} \quad \frac{10.0}{18} \quad \frac{9.4}{9} \quad 9.0 \quad \frac{9.2}{11} \quad \frac{10.0}{21} \quad \frac{12.4}{26} \quad \frac{13.8}{34} \quad \frac{13.2}{50}$$

$$\frac{5.5}{50} \quad \frac{7.5}{18} \quad \frac{7.4}{8} \quad 7.1 \quad \frac{7.1}{12} \quad \frac{7.6}{21} \quad \frac{8.6}{24} \quad \frac{8.7}{29} \quad \frac{5.5}{34} \quad \frac{4.7}{50}$$

$$\frac{2.1}{50} \quad \frac{2.5}{29} \quad \frac{5.3}{23} \quad \frac{6.0}{17} \quad \frac{6.1}{8} \quad 5.7 \quad \frac{5.7}{13} \quad \frac{6.3}{22} \quad \frac{7.4}{25-31} \quad \frac{7.2}{36} \quad \frac{4.1}{41} \quad \frac{2.1}{41} \quad \frac{1.3}{50}$$



| Sta       | +    | $\pi$      | -    | Elev   |        |
|-----------|------|------------|------|--------|--------|
|           |      | 936.82     |      |        |        |
| 261       |      |            |      | 931.8  |        |
| T.P.      | 1324 | 948.10     | 1.96 | 934.86 |        |
| +50       |      |            |      | 935.4  |        |
| +70       |      |            |      | 936.9  |        |
| +85       |      |            |      | 937.9  |        |
| +92       |      | Edge Pave. |      | 938.07 |        |
| 263+03.97 |      | * Rice Str |      | 938.23 |        |
| B.M.      | 990  | 948.07     | 990  | 938.20 | 938.17 |
| +16       |      | Edge Pave. |      |        |        |
| +28       |      |            |      |        |        |
| +37       |      |            |      |        |        |
| +65       |      |            |      |        |        |
| 264       |      |            |      |        |        |
| +24       |      |            |      |        |        |

Lt

X

Rt

$$\frac{0.4}{50} \quad \frac{1.5}{28} \quad \frac{4.6}{20} \quad \frac{5.2}{16} \quad \frac{5.1}{8} \quad 5.0 \quad \frac{4.8}{14} \quad \frac{5.2}{22} \quad \frac{6.3}{25} \quad \frac{6.3}{32} \quad \frac{3.2}{36} \quad \frac{0.4}{45} \quad \frac{0.2}{50}$$

$$\frac{10.5}{50} \quad \frac{11.4}{28} \quad \frac{13.3}{13} \quad \frac{13.0}{7} \quad 12.7 \quad \frac{13.2}{20} \quad \frac{14.0}{24} \quad \frac{13.8}{33} \quad \frac{11.0}{39} \quad \frac{10.8}{50}$$

$$\frac{10.0}{50} \quad \frac{11.1}{20} \quad \frac{11.4}{10} \quad 11.2 \quad \frac{11.3}{15} \quad \frac{11.8}{24} \quad \frac{12.0}{39} \quad \frac{11.0}{43} \quad \frac{10.5}{50}$$

$$\frac{10.0}{50} \quad \frac{10.2}{32} \quad \frac{10.3}{15} \quad 10.2 \quad \frac{10.3}{19} \quad \frac{10.7}{35} \quad \frac{10.7}{50}$$

$$\frac{10.24}{50} \quad 10.03 \quad \frac{10.18}{50}$$

$$\frac{10.09}{50} \quad 9.87 \quad \frac{10.07}{50}$$

Top Mort. Co Rd B + Rice Str Sta 263+03.97

$$\frac{10.13}{50} \quad 9.91 \quad \frac{10.10}{50}$$

$$\frac{9.6}{50} \quad \frac{9.7}{24} \quad \frac{9.3}{10} \quad 9.2 \quad \frac{9.2}{16} \quad \frac{9.8}{34} \quad \frac{9.4}{38} \quad \frac{9.6}{50}$$

$$\frac{9.1}{50} \quad \frac{9.0}{28} \quad \frac{9.3}{24} \quad \frac{9.2}{12} \quad 8.9 \quad \frac{8.9}{11} \quad \frac{9.4}{24} \quad \frac{8.0}{33} \quad \frac{7.2}{50}$$

$$\frac{8.2}{50} \quad \frac{8.3}{34} \quad \frac{8.0}{23} \quad \frac{8.2}{10} \quad 8.0 \quad \frac{8.3}{13} \quad \frac{7.9}{30} \quad \frac{6.2}{36} \quad \frac{5.2}{50}$$

$$\frac{7.4}{50} \quad \frac{6.6}{31} \quad \frac{6.8}{19} \quad \frac{6.7}{9} \quad 6.4 \quad \frac{6.8}{12} \quad \frac{7.3}{17} \quad \frac{5.9}{32} \quad \frac{5.6}{43} \quad \frac{3.0}{50}$$

$$\frac{5.2}{50} \quad \frac{4.5}{32} \quad \frac{4.7}{28} \quad \frac{6.1}{20} \quad \frac{5.8}{17} \quad \frac{5.5}{9} \quad 5.2 \quad \frac{5.5}{10} \quad \frac{6.1}{22} \quad \frac{4.9}{27} \quad \frac{5.0}{32} \quad \frac{3.7}{42} \quad \frac{4.0}{50}$$

| Sta | + | $\Delta$ | - | E/cv |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 948.07 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 264+68 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 265 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +23 |  |  |  |  |
|-----|--|--|--|--|

|      |       |        |      |        |
|------|-------|--------|------|--------|
| T.P. | 12.74 | 960.48 | 0.33 | 947.74 |
|------|-------|--------|------|--------|

|        |  |  |  |  |
|--------|--|--|--|--|
| 264+68 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 265 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +23 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 266 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 267 |  |  |  |  |
|-----|--|--|--|--|

|      |       |        |       |        |
|------|-------|--------|-------|--------|
| T.P. | 10.23 | 957.93 | 12.78 | 947.70 |
|------|-------|--------|-------|--------|

|        |  |  |  |  |
|--------|--|--|--|--|
| 265+50 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 266 |  |  |  |  |
|-----|--|--|--|--|

L+

L

R+

$$\frac{3.5}{21-18} \quad \frac{3.0}{17} \quad \frac{3.0}{7} \quad 29 \quad \frac{3.1}{11} \quad \frac{3.5}{18} \quad \frac{3.7}{23} \quad \frac{3.1}{24}$$

$$\frac{0.8}{23} \quad \frac{1.4}{19} \quad \frac{1.6}{6} \quad 1.8 \quad \frac{2.0}{12} \quad \frac{2.2}{23}$$

$$\frac{0.4}{15} \quad \frac{1.1}{6} \quad 1.4 \quad \frac{1.5}{11} \quad \frac{2.0}{23}$$

$$\frac{11.0}{50} \quad \frac{12.3}{29}$$

$$\frac{9.7}{34} \quad \frac{9.2}{42} \quad \frac{11.7}{47} \quad \frac{11.7}{50}$$

$$\frac{9.3}{50} \quad \frac{10.5}{34}$$

$$\frac{9.0}{35} \quad \frac{8.1}{50}$$

$$\frac{9.1}{50} \quad \frac{11.0}{27}$$

$$\frac{7.5}{37} \quad \frac{7.3}{50} \quad \frac{8.0}{60}$$

$$\text{Barn} \quad \frac{7.1}{42} \quad \frac{8.4}{27}$$

$$\frac{6.8}{39} \quad \frac{6.6}{50} \quad \frac{6.6}{60}$$

$$\text{Silo} \quad \frac{4.7}{44} \quad \frac{5.3}{32}$$

$$\frac{5.1}{43} \quad \frac{4.9}{50} \quad \frac{5.5}{60}$$

$$\text{Barn} \quad \frac{1.1}{48} \quad \frac{1.8}{37}$$

$$\frac{5.0}{46} \quad \frac{4.7}{56} \quad \frac{4.8}{65}$$

$$\text{Barn} \quad \frac{1.4}{48} \quad \frac{2.3}{36}$$

$$\frac{5.3}{47} \quad \frac{5.2}{57} \quad \frac{5.0}{75}$$

$$\frac{10.8}{18} \quad \frac{11.5}{9} \quad 11.6 \quad \frac{11.8}{12} \quad \frac{12.1}{24}$$

$$\frac{12.3}{20} \quad \frac{12.7}{12}$$

$$12.8 \quad \frac{12.9}{12} \quad \frac{13.1}{24}$$

| Sta    | +    | $\pi$  | -     | Elev   |
|--------|------|--------|-------|--------|
|        |      | 957.93 |       |        |
| 266+50 |      |        |       |        |
| 267    |      |        |       |        |
| +50    |      |        |       |        |
| 268    |      |        |       |        |
| +25    |      |        |       |        |
| +35    |      |        |       |        |
| TP     | 0.36 | 948.06 | 10.23 | 947.70 |
| 267+50 |      |        |       |        |
| 268    |      |        |       |        |
| T.P.   | 4.19 | 938.97 | 13.28 | 934.78 |
| +25    |      |        |       |        |
| +35    |      |        |       |        |
| +53    |      |        |       |        |
| +77    |      |        |       |        |



Lt

2

Pt

$$\frac{12.1}{2.3} \quad \frac{14.3}{17} \quad \frac{14.2}{8} \quad 14.1$$

$$\frac{14.3}{15} \quad \frac{14.5}{24}$$

$$\frac{13.4}{24} \quad \frac{16.0}{19-17} \quad \frac{15.8}{16} \quad 15.8 \quad \frac{16.0}{13} \quad \frac{16.3}{20} \quad \frac{16.8}{21-24}$$

$$\frac{4.2}{67} \quad \frac{4.7}{35}$$

$$\frac{4.8}{47} \quad \frac{4.8}{65} \quad \frac{5.8}{90}$$

$$\frac{6.2}{60} \quad \frac{8.9}{50} \quad \frac{7.6}{33}$$

$$\frac{8.0}{47} \quad \frac{7.9}{67} \quad \frac{8.4}{90}$$

$$\frac{16.0}{60} \quad \frac{14.0}{50} \quad \frac{13.7}{42} \quad \frac{14.1}{32}$$

$$\frac{11.5}{44} \quad \frac{12.4}{61} \quad \frac{12.3}{85}$$

$$\frac{15.6}{39} \quad \frac{15.9}{49} \quad \frac{14.3}{75}$$

$$\frac{9.2}{20-18} \quad \frac{8.8}{12} \quad \frac{8.8}{6} \quad 8.6 \quad \frac{8.8}{12} \quad \frac{9.0}{20} \quad \frac{9.2}{23}$$

$$\frac{11.9}{19} \quad \frac{12.0}{6} \quad 11.6 \quad \frac{11.7}{11} \quad \frac{12.0}{21} \quad \frac{12.7}{23}$$

$$\frac{5.2}{20-18} \quad \frac{4.3}{16} \quad \frac{4.3}{8} \quad 4.0 \quad \frac{4.1}{10} \quad \frac{4.3}{21} \quad \frac{4.6}{23}$$

$$\frac{3.4}{54} \quad \frac{3.2}{33} \quad \frac{5.8}{20-18} \quad \frac{5.0}{17} \quad \frac{5.0}{8} \quad 4.5 \quad \frac{4.7}{10} \quad \frac{4.9}{23}$$

$$\frac{6.5}{50} \quad \frac{6.5}{40} \quad \frac{6.4}{22} \quad \frac{6.2}{8} \quad 6.0 \quad \frac{6.0}{10} \quad \frac{5.0}{15} \quad \frac{1.6}{37} \quad \frac{0.0}{52}$$

$$\frac{14.3}{50} \quad \frac{14.2}{34} \quad \frac{8.6}{24} \quad \frac{8.0}{9} \quad 7.9 \quad \frac{7.8}{9} \quad \frac{7.4}{17} \quad \frac{6.3}{34} \quad \frac{3.2}{55}$$

| Sta  | +    | $\Delta$ | -     | Elev   |
|------|------|----------|-------|--------|
|      |      | 938.97   |       |        |
| 269  |      |          |       |        |
| T.P. | 0.36 | 926.36   | 12.97 | 926.00 |

269

+50

270

+50

271

|      |      |        |       |        |
|------|------|--------|-------|--------|
| T.P. | 1.36 | 915.56 | 12.16 | 914.20 |
|------|------|--------|-------|--------|

+19

+72

18" X Drain (Shelved)

13.82  
Inv

272

+50

273

+50

Lt.

Z

Rt

$$\frac{10.7}{23} \quad \frac{10.0}{9} \quad 9.7 \quad \frac{9.6}{10} \quad \frac{10.2}{22} \quad \frac{12.1}{33} \quad \frac{13.0}{50} \quad \frac{11.7}{59}$$

$$\frac{9.5}{60} \quad \frac{6.2}{41} \quad \frac{5.4}{36}$$

$$\frac{14.3}{62} \quad \frac{12.3}{48} \quad \frac{9.1}{36} \quad \frac{2.2}{22} \quad \frac{1.6}{10} \quad 1.3 \quad \frac{1.5}{9} \quad \frac{2.7}{14} \quad \frac{6.7}{26} \quad \frac{9.1}{34} \quad \frac{9.8}{62}$$

$$\frac{16.9}{58} \quad \frac{15.6}{42} \quad \frac{14.3}{39} \quad \frac{13.8}{35} \quad \frac{6.1}{20} \quad \frac{5.5}{10} \quad 5.5 \quad \frac{5.7}{9} \quad \frac{6.0}{16} \quad \frac{12.5}{30} \quad \frac{14.2}{36} \quad \frac{14.8}{66}$$

$$\frac{17.2}{50} \quad \frac{17.0}{43} \quad \frac{17.8}{41-39} \quad \frac{16.8}{38} \quad \frac{13.3}{29} \quad \frac{9.4}{19} \quad \frac{9.0}{10} \quad 8.8 \quad \frac{9.0}{9} \quad \frac{10.0}{15} \quad \frac{16.3}{31} \quad \frac{17.8}{37} \quad \frac{17.9}{64}$$

$$\frac{14.6}{50} \quad \frac{16.3}{39} \quad \frac{18.2}{37-35} \quad \frac{15.9}{33} \quad \frac{14.4}{28} \quad \frac{12.3}{19} \quad \frac{11.8}{10} \quad 11.6 \quad \frac{11.9}{9} \quad \frac{12.5}{15} \quad \frac{17.8}{29} \quad \frac{19.0}{35} \quad \frac{19.3}{43} \quad \frac{19.0}{65}$$

$$\frac{4.2}{52} \quad \frac{4.3}{40} \quad \frac{7.8}{35-33} \quad \frac{5.0}{31} \quad \frac{2.5}{20} \quad \frac{1.9}{11} \quad 1.7 \quad \frac{1.9}{8} \quad \frac{2.5}{17} \quad \frac{7.1}{28} \quad \frac{8.8}{35} \quad \frac{8.9}{38} \quad \frac{8.3}{53}$$

INV

$$\frac{7.6}{50} \quad \frac{8.8}{33} \quad \frac{8.9}{29} \quad \frac{8.88}{29} \quad \frac{6.3}{26} \quad \frac{4.5}{19} \quad \frac{4.0}{18} \quad 3.7 \quad \frac{3.9}{9} \quad \frac{4.6}{16} \quad \frac{9.2}{25} \quad \frac{11.5}{31} \quad \frac{13.5}{46} \quad \frac{13.8}{59}$$

$$\frac{6.0}{50} \quad \frac{6.2}{33} \quad \frac{5.2}{19} \quad \frac{4.7}{9} \quad 4.5 \quad \frac{4.8}{8} \quad \frac{5.6}{17} \quad \frac{12.3}{31} \quad \frac{14.9}{37} \quad \frac{16.2}{61}$$

$$\frac{4.9}{56} \quad \frac{5.3}{45} \quad \frac{6.4}{34} \quad \frac{7.1}{31} \quad \frac{7.1}{22} \quad \frac{5.7}{18} \quad \frac{5.3}{10} \quad 5.2 \quad \frac{5.4}{8} \quad \frac{6.6}{16} \quad \frac{13.7}{33} \quad \frac{16.4}{42} \quad \frac{17.9}{61}$$

$$\frac{3.5}{50} \quad \frac{5.4}{32} \quad \frac{6.1}{21} \quad \frac{5.4}{17} \quad \frac{5.0}{10} \quad 5.1 \quad \frac{5.4}{9} \quad \frac{6.0}{15} \quad \frac{15.2}{35} \quad \frac{17.4}{42} \quad \frac{18.8}{59}$$

$$\frac{5.8}{50} \quad \frac{5.8}{33} \quad \frac{5.6}{25} \quad \frac{6.5}{22} \quad \frac{5.0}{17} \quad \frac{4.7}{10} \quad 4.7 \quad \frac{5.0}{8} \quad \frac{5.6}{17} \quad \frac{10.4}{29} \quad \frac{12.2}{34} \quad \frac{14.4}{60}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 915.56 |  |  |
|--|--|--------|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 274 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 275 |  |  |  |  |
|-----|--|--|--|--|

|     |      |        |      |        |        |
|-----|------|--------|------|--------|--------|
| B.M | 1350 | 921.91 | 7.17 | 908.39 | 908.41 |
|-----|------|--------|------|--------|--------|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 276 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +79 |  |  |  |
|--|-----|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +95 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 277 |  |  |  |  |
|-----|--|--|--|--|

|      |       |        |      |        |
|------|-------|--------|------|--------|
| T.P. | 11.19 | 933.07 | 0.03 | 921.88 |
|------|-------|--------|------|--------|

|        |  |  |  |  |
|--------|--|--|--|--|
| 276+95 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 277 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +20 |  |  |  |
|--|-----|--|--|--|

Lt.

X

Rt

$$\frac{9.0}{50} \quad \frac{9.4}{35} \quad \frac{7.8}{34-31} \quad \frac{8.6}{28} \quad \frac{4.7}{17} \quad \frac{4.0}{10} \quad \frac{3.7}{37} \quad \frac{4.1}{9} \quad \frac{4.6}{17} \quad \frac{9.2}{29} \quad \frac{11.1}{36} \quad \frac{11.9}{54}$$

$$\frac{13.0}{51} \quad \frac{11.7}{35} \quad \frac{10.1}{32} \quad \frac{3.4}{18} \quad \frac{2.7}{10} \quad 2.5 \quad \frac{2.8}{8} \quad \frac{4.1}{18} \quad \frac{11.9}{34} \quad \frac{15.1}{43} \quad \frac{17.1}{61}$$

$$\frac{12.3}{50} \quad \frac{11.5}{46} \quad \frac{10.3}{33} \quad \frac{7.1}{28} \quad \frac{2.4}{17} \quad \frac{1.1}{10} \quad 0.9 \quad \frac{1.3}{9} \quad \frac{2.1}{16} \quad \frac{12.5}{38} \quad \frac{15.6}{47} \quad \frac{15.6}{60}$$

SpK in 18" Twin Cottonwood 33' Lt 274 + 51

$$\frac{15.0}{53} \quad \frac{13.7}{33} \quad \frac{6.6}{17} \quad \frac{5.7}{9} \quad 5.6 \quad \frac{5.8}{9} \quad \frac{6.8}{18} \quad \frac{18.2}{42} \quad \frac{20.6}{53}$$

$$\frac{13.8}{56} \quad \frac{11.0}{31} \quad \frac{6.6}{22} \quad \frac{4.7}{16} \quad \frac{3.9}{10} \quad \frac{3.7}{37} \quad \frac{4.0}{8} \quad \frac{4.7}{17} \quad \frac{15.1}{38} \quad \frac{16.7}{43} \quad \frac{17.7}{55}$$

$$\frac{8.7}{53} \quad \frac{7.3}{31} \quad \frac{2.4}{18} \quad \frac{1.6}{9} \quad 1.5 \quad \frac{1.8}{8} \quad \frac{2.5}{17} \quad \frac{8.8}{31} \quad \frac{13.2}{38} \quad \frac{14.0}{41-43} \quad \frac{12.8}{44}$$

$$\frac{5.8}{50} \quad \frac{4.4}{31} \quad \frac{3.4}{25} \quad \frac{0.7}{17} \quad \frac{0.4}{9} \quad 0.4 \quad \frac{0.9}{9} \quad \frac{1.6}{17} \quad \frac{4.2}{24} \quad \frac{5.3}{31} \quad \frac{7.6}{36} \quad \frac{9.8}{38-40} \quad \frac{7.4}{43} \quad \frac{6.5}{57}$$

$$\frac{0.2}{9} \quad \frac{1.5}{15} \quad \frac{4.1}{24} \quad \frac{5.3}{33} \quad \frac{4.0}{43} \quad \frac{3.8}{50}$$

$$\frac{1.4}{15} \quad \frac{4.4}{26} \quad \frac{5.5}{27-29} \quad \frac{1.9}{33} \quad \frac{2.9}{50}$$

$$\frac{12.9}{52} \quad \frac{13.2}{39} \quad \frac{12.0}{26} \quad \frac{11.3}{17} \quad \frac{11.0}{10} \quad 10.9$$

$$\frac{11.7}{50} \quad \frac{10.9}{31} \quad \frac{11.1}{15} \quad \frac{10.7}{9} \quad 10.7 \quad \frac{11.2}{9}$$

$$\frac{7.4}{50} \quad \frac{9.5}{41} \quad \frac{9.8}{28} \quad \frac{11.4}{23-20} \quad \frac{10.6}{17} \quad \frac{10.2}{11} \quad 9.9 \quad \frac{10.3}{8} \quad \frac{10.8}{12} \quad \frac{13.2}{21} \quad \frac{14.7}{23-25} \quad \frac{9.7}{29} \quad \frac{10.0}{43} \quad \frac{10.6}{52}$$



| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 933.07 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 277+90 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 278 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +25 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +40 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +82 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 279 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +38 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +70 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 280 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +10 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 281 |  |  |  |  |
|-----|--|--|--|--|

L1

K

R1

$$\frac{0.3}{50} \quad \frac{0.7}{39} \quad \frac{7.5}{28} \quad \frac{9.4}{24-21} \quad \frac{8.6}{10} \quad 8.2 \quad \frac{8.3}{9} \quad \frac{9.2}{16} \quad \frac{9.7}{20} \quad \frac{10.8}{23-25}$$

$$\frac{4.1}{50-48} \quad \frac{0.9}{41} \quad \frac{7.3}{28} \quad \frac{8.7}{22-20} \quad \frac{8.3}{19} \quad \frac{7.8}{11} \quad 7.2 \quad \frac{7.3}{9} \quad \frac{7.9}{13} \quad \frac{8.6}{21} \quad \frac{9.6}{22-24}$$

$$\frac{0.1}{50} \quad \frac{2.5}{38} \quad \frac{7.8}{22-18} \quad \frac{6.8}{11} \quad 6.5 \quad \frac{6.6}{9} \quad \frac{7.1}{14} \quad \frac{8.1}{22} \quad \frac{8.6}{23-25}$$

$$\frac{4.6}{54} \quad \frac{5.4}{46} \quad \frac{4.5}{39} \quad \frac{7.2}{22-20} \quad \frac{6.8}{19} \quad \frac{6.2}{11} \quad 6.1 \quad \frac{6.1}{9} \quad \frac{6.5}{13} \quad \frac{7.0}{20} \quad \frac{7.8}{22-24} \quad \frac{6.8}{26}$$

$$\frac{3.9}{58} \quad \frac{4.7}{32} \quad \frac{5.7}{22} \quad \frac{5.1}{11} \quad 5.2 \quad \frac{5.3}{9} \quad \frac{5.6}{16} \quad \frac{6.3}{20} \quad \frac{6.9}{22-24}$$

$$\frac{2.4}{50} \quad \frac{2.7}{31} \quad \frac{6.0}{22-20} \quad \frac{5.3}{18} \quad \frac{4.9}{11} \quad 5.0 \quad \frac{5.2}{9} \quad \frac{6.0}{20} \quad \frac{6.4}{22-24}$$

$$\frac{4.0}{27} \quad \frac{5.4}{22} \quad \frac{5.0}{10} \quad 5.1 \quad \frac{5.3}{10} \quad \frac{5.9}{20} \quad \frac{6.1}{24}$$

$$\frac{4.2}{28} \quad \frac{5.8}{20} \quad \frac{5.8}{10} \quad 5.6 \quad \frac{5.7}{10} \quad \frac{6.0}{20} \quad \frac{6.3}{24}$$

$$\frac{3.7}{29} \quad \frac{5.6}{23} \quad \frac{6.6}{15} \quad \frac{6.3}{10} \quad 6.2 \quad \frac{6.3}{10} \quad \frac{6.7}{21} \quad \frac{6.8}{24}$$

$$\frac{5.7}{25} \quad \frac{7.0}{14} \quad \frac{6.7}{10} \quad 6.5 \quad \frac{6.6}{11} \quad \frac{6.7}{15} \quad \frac{7.1}{23} \quad \frac{5.0}{27}$$

$$\frac{5.4}{29} \quad \frac{7.6}{24} \quad \frac{9.0}{16} \quad \frac{8.4}{10} \quad 8.0 \quad \frac{8.2}{10} \quad \frac{8.7}{20} \quad \frac{9.8}{21-24}$$

$$\frac{8.5}{27} \quad \frac{10.8}{22} \quad \frac{10.5}{10} \quad 10.0 \quad \frac{10.3}{10} \quad \frac{10.7}{20} \quad \frac{11.1}{23-25}$$

| Sta    | +     | $\Delta$ | -    | Elev   |
|--------|-------|----------|------|--------|
|        |       | 933.07   |      |        |
| 281+35 |       |          |      |        |
| T.P    | 19.52 | 952.53   | 0.06 | 933.01 |

277+70

278

+25

+40

+82

279

+38

+70

280

+10

+56

L1

2

R1

$$\frac{9.1}{30} \quad \frac{12.9}{21} \quad \frac{12.3}{14} \quad \frac{12.1}{10} \quad 120 \quad \frac{12.1}{10} \quad \frac{12.5}{20} \quad \frac{13.5}{21-24}$$

$$\frac{21.1}{39} \quad \frac{22.8}{60}$$

$$\frac{17.1}{44} \quad \frac{17.9}{60}$$

$$\frac{13.4}{48} \quad \frac{15.0}{65}$$

$$\frac{12.2}{50} \quad \frac{13.3}{65}$$

$$\frac{9.0}{53} \quad \frac{9.6}{65}$$

$$\frac{7.8}{56} \quad \frac{8.7}{75}$$

$$\frac{18.2}{57} \quad \frac{16.2}{44}$$

$$\frac{5.4}{58} \quad \frac{6.5}{75}$$

$$\frac{16.1}{65} \quad \frac{14.5}{50} \quad \frac{17.2}{44}$$

$$\frac{5.1}{61} \quad \frac{5.4}{75}$$

$$\frac{2.2}{90} \quad \frac{3.4}{88} \quad \frac{3.5}{75} \quad \frac{5.4}{61} \quad \frac{16.2}{42}$$

$$\frac{4.1}{63} \quad \frac{4.6}{75}$$

$$\frac{2.0}{90} \quad \frac{0.5}{70} \quad \frac{1.8}{68} \quad \frac{3.0}{65}$$

$$\frac{4.0}{63} \quad \frac{4.6}{75}$$

$$\frac{7.9}{90} \quad \frac{5.2}{80} \quad \frac{3.6}{67} \quad \frac{5.2}{66}$$

$$\frac{3.4}{65} \quad \frac{4.9}{82}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 952.53 |  |  |
|--|--|--------|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 281 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +35 |  |  |  |
|--|-----|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +75 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 282 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +25 |  |  |  |
|--|-----|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 0.06 | 933.07 | 1952 | 933.01 |
|------|------|--------|------|--------|

|  |      |        |       |        |
|--|------|--------|-------|--------|
|  | 8.89 | 929.95 | 12.01 | 921.06 |
|--|------|--------|-------|--------|

|        |  |  |  |  |
|--------|--|--|--|--|
| 282+25 |  |  |  |  |
|--------|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +76 |  |  |  |
|--|-----|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +89 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 283 |  |  |  |  |
|-----|--|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 0.23 | 921.29 | 8.89 | 921.06 |
|------|------|--------|------|--------|

|        |  |  |  |  |
|--------|--|--|--|--|
| 281+75 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 282 |  |  |  |  |
|-----|--|--|--|--|



L1

2

R1

$$\frac{8.7}{90} \quad \frac{5.2}{66} \quad \frac{7.3}{65}$$

$$\frac{4.3}{66} \quad \frac{5.3}{85}$$

$$\frac{11.7}{90} \quad \frac{8.8}{61} \quad \frac{11.3}{60}$$

$$\frac{8.9}{62} \quad \frac{9.6}{80}$$

$$\frac{18.7}{85} \quad \frac{16.6}{55}$$

$$\frac{14.0}{59} \quad \frac{14.3}{75}$$

$$\frac{24.0}{75} \quad \frac{21.5}{50}$$

$$\frac{18.0}{55} \quad \frac{17.6}{70}$$

$$\frac{22.1}{51} \quad \frac{22.1}{65}$$

$$\frac{4.6}{75} \quad \frac{2.8}{58} \quad \frac{2.4}{46}$$

$$\frac{9.3}{65} \quad \frac{8.4}{41}$$

$$\frac{5.9}{43} \quad \frac{5.3}{68}$$

$$\frac{9.5}{40} \quad \frac{9.1}{60}$$

$$\frac{13.0}{35} \quad \frac{12.2}{60}$$

$$\frac{2.7}{25} \quad \frac{3.1}{20-17} \quad \frac{2.6}{10} \quad 2.3 \quad \frac{2.6}{9} \quad \frac{3.3}{17} \quad \frac{3.8}{19-23}$$

$$\frac{4.8}{24} \quad \frac{4.7}{13} \quad \frac{4.1}{10}$$

$$3.7 \quad \frac{4.0}{11} \quad \frac{4.7}{18} \quad \frac{5.8}{20-} \quad \frac{5.4}{23} \quad \frac{3.4}{25}$$

| Sta    | +    | $\Delta$ | -    | Elev   |      |
|--------|------|----------|------|--------|------|
|        |      | 921.29   |      |        |      |
| 282+25 |      |          |      |        |      |
| +70    |      |          |      |        |      |
| +89    |      |          |      |        |      |
| 283    |      |          |      | 12.2   | 5+31 |
| T.P.   | 2.30 | 910.24   | 1335 | 907.94 |      |
| +50    |      |          |      | 09.7   | 4+81 |
| 284    |      |          |      | 07.2   | 4+31 |
| +30    |      |          |      | 05.9   | 4+01 |
| +65    |      |          |      | 04.4   | 3+66 |
| 285    |      |          |      | 02.8   | 3+34 |
| +50    |      |          |      | 00.5   | 2+81 |
| +80    |      |          |      | 899.2  | 2+51 |
| 286    |      |          |      | 98.2   | 2+31 |
| T.P.   | 3.13 | 900.63   | 1274 | 897.50 |      |

L-1

Z

R+

$$\frac{4.6}{26} \quad \frac{6.6}{23-19} \quad \frac{6.1}{17} \quad \frac{5.4}{10} \quad 5.1 \quad \frac{5.6-6.8}{11-20} \quad \frac{7.7}{21-23} \quad \frac{5.2}{26}$$

$$\frac{2.5}{36} \quad \frac{3.3}{34} \quad \frac{10.1}{23-22} \quad \frac{7.3}{20} \quad \frac{8.1}{10} \quad 7.5 \quad \frac{7.8}{11} \quad \frac{8.6}{15} \quad \frac{9.1}{17} \quad \frac{8.7}{19} \quad \frac{10.2}{22} \quad \frac{8.6}{25}$$

$$\frac{12.7}{58-40} \quad \frac{9.6}{34} \quad \frac{9.3}{27} \quad \frac{11.1}{24-22} \quad \frac{9.9}{20} \quad \frac{9.7}{15} \quad \frac{8.8}{10} \quad 8.4 \quad \frac{8.7}{10} \quad \frac{9.2}{15} \quad \frac{10.8}{20-23} \quad \frac{9.2}{26}$$

$$\frac{13.4}{50-40} \quad \frac{11.2}{36} \quad \frac{10.6}{34} \quad \frac{10.4}{27} \quad \frac{11.6}{24-22} \quad \frac{10.2}{19} \quad \frac{9.4}{10} \quad 9.1 \quad \frac{9.4}{10} \quad \frac{9.1}{16} \quad \frac{11.6}{21-23} \quad \frac{9.6}{27}$$

Top G. Rail Post.

$$\frac{3.6}{50} \quad \frac{2.2}{39} \quad \frac{1.9}{27} \quad \frac{3.0}{25-21} \quad \frac{1.4}{19} \quad \frac{0.8}{10} \quad 0.5 \quad \frac{0.9}{10} \quad \frac{1.8}{25} \quad \frac{1.4}{22} \quad \frac{3.2}{36} \quad \frac{4.5}{51}$$

$$\frac{6.3}{50} \quad \frac{4.9}{39} \quad \frac{4.6}{32} \quad \frac{5.8}{28-25} \quad \frac{3.4}{21} \quad \frac{3.4}{10} \quad 3.0 \quad \frac{3.3}{9} \quad \frac{4.0}{30} \quad \frac{5.5}{35} \quad \frac{5.5}{50}$$

$$\frac{8.4}{54} \quad \frac{7.0}{34} \quad \frac{8.5}{31-30} \quad \frac{7.8}{29} \quad \frac{5.2}{19} \quad \frac{4.7}{10} \quad 4.3 \quad \frac{4.7}{10} \quad \frac{6.3}{22} \quad \frac{6.0}{28} \quad \frac{7.4}{33} \quad \frac{7.3}{50}$$

$$\frac{9.8}{22} \quad \frac{7.3}{16} \quad \frac{6.1}{12} \quad 5.8 \quad \frac{6.1}{11} \quad \frac{7.2}{18} \quad \frac{9.7}{25} \quad \frac{10.1}{41} \quad \frac{9.2}{50}$$

$$\frac{8.5}{17} \quad \frac{8.0}{11} \quad 7.4 \quad \frac{7.7}{9} \quad \frac{8.6}{17}$$

$$\frac{12.5}{20} \quad \frac{10.5}{14} \quad \frac{10.5}{11} \quad 9.7 \quad \frac{10.0}{13} \quad \frac{11.7}{18}$$

$$\frac{11.9}{13} \quad 11.0 \quad \frac{11.3}{13} \quad \frac{13.0}{17}$$

$$\frac{14.1}{17} \quad \frac{13.0}{13} \quad 12.0 \quad \frac{12.5}{12} \quad \frac{13.8}{17}$$

| Sta    | +    | Δ      | -    | Elev   |        |
|--------|------|--------|------|--------|--------|
|        |      | 900.63 |      |        |        |
| 284+65 |      |        |      |        |        |
| 285    |      |        |      |        |        |
| 286+50 |      |        |      | 96.2   | 1781   |
| 287    | 1231 |        |      | 94.9   | 1731   |
| B.M    | 600  | 900.60 | 600  | 894.63 | 894.60 |
| +50    | 81   |        |      | 94.0   | 0x81   |
|        | 81   |        |      |        |        |
| +95    | 36   |        |      | 93.3   | 0+36   |
| T.P    | 0.61 | 888.43 | 1278 | 887.82 |        |
| 285    |      |        |      |        |        |
| +50    |      |        |      |        |        |
| +80    |      |        |      |        |        |
| 286    |      |        |      |        |        |
| +50    |      |        |      |        |        |
| 287    |      |        |      |        |        |

L1

L2

R4

$$\begin{array}{r} 7.1 \\ 64 \end{array} \quad \begin{array}{r} 7.1 \\ 44 \end{array} \quad \begin{array}{r} 9.6 \\ 44.39 \end{array} \quad \begin{array}{r} 7.0 \\ 38 \end{array} \quad \begin{array}{r} 4.9 \\ 30 \end{array} \quad \begin{array}{r} 0.7 \\ 24 \end{array}$$

$$\begin{array}{r} 12.8 \\ 39 \end{array}$$

$$\begin{array}{r} 5.2 \\ 13 \end{array} \quad 44 \quad \begin{array}{r} 4.9 \\ 12 \end{array} \quad \begin{array}{r} 5.9 \\ 18 \end{array}$$

$$\begin{array}{r} 8.8 \\ 19 \end{array} \quad \begin{array}{r} 6.2 \\ 13 \end{array} \quad 5.7 \quad \begin{array}{r} 5.9 \\ 12 \end{array} \quad \begin{array}{r} 7.7 \\ 18 \end{array}$$

Top Man

$$\begin{array}{r} 10.3 \\ 22 \end{array} \quad \begin{array}{r} 7.1 \\ 12 \end{array} \quad 6.6 \quad \begin{array}{r} 6.9 \\ 12 \end{array} \quad \begin{array}{r} 7.6 \\ 18 \end{array}$$

$$\begin{array}{r} 7.8 \\ 19 \end{array} \quad 7.3 \quad \begin{array}{r} 7.5 \\ 11 \end{array} \quad \begin{array}{r} 8.7 \\ 18 \end{array}$$

$$\begin{array}{r} 10.7 \\ 78 \end{array} \quad \begin{array}{r} 7.3 \\ 58 \end{array} \quad \begin{array}{r} 9.3 \\ 56 \end{array} \quad \begin{array}{r} 3.4 \\ 51 \end{array}$$

$$\begin{array}{r} 16.0 \\ 75 \end{array} \quad \begin{array}{r} 12.3 \\ 61 \end{array} \quad \begin{array}{r} 10.6 \\ 58 \end{array} \quad \begin{array}{r} 8.0 \\ 48 \end{array}$$

$$\begin{array}{r} 20.0 \\ 91 \end{array} \quad \begin{array}{r} 18.0 \\ 77 \end{array} \quad \begin{array}{r} 15.6 \\ 66 \end{array} \quad \begin{array}{r} 13.3 \\ 64 \end{array} \quad \begin{array}{r} 11.0 \\ 52 \end{array}$$

$$\begin{array}{r} 20.5 \\ 95 \end{array} \quad \begin{array}{r} 19.3 \\ 77 \end{array} \quad \begin{array}{r} 17.6 \\ 69 \end{array} \quad \begin{array}{r} 14.3 \\ 60 \end{array} \quad \begin{array}{r} 13.2 \\ 54 \end{array}$$

$$\begin{array}{r} 22.2 \\ 90 \end{array} \quad \begin{array}{r} 20.0 \\ 68 \end{array} \quad \begin{array}{r} 17.3 \\ 59 \end{array}$$

$$\begin{array}{r} 21.7 \\ 90 \end{array} \quad \begin{array}{r} 20.0 \\ 72 \end{array} \quad \begin{array}{r} 18.8 \\ 65 \end{array}$$



Sta      +       $\pi$       -      Elev

888.43

287+50

+95

288

---

|     |      |        |        |
|-----|------|--------|--------|
| B.M | 0.53 | 895.13 | 894.60 |
|-----|------|--------|--------|

285

+50

+80

286

+50

287

+50

+95

L.

R

R+

$$\frac{175}{81} \quad \frac{144}{60}$$

$$\frac{144}{76} \quad \frac{9.6}{44}$$

$$\frac{14.4}{76} \quad \frac{8.7}{44}$$

Top Mon Sta 287+

$$\frac{2.4}{30} \quad \frac{1.8}{37} \quad \frac{1.2}{50}$$

$$\frac{5.8}{40} \quad \frac{5.5}{48} \quad \frac{4.1}{60}$$

$$\frac{13.2}{45} \quad \frac{12.8}{61}$$

$$\frac{13.7}{30} \quad \frac{15.0}{64}$$

$$\frac{17.0}{55} \quad \frac{17.6}{77}$$

$$\frac{11.9}{40} \quad \frac{14.4}{52} \quad \frac{16.4}{67}$$

$$\frac{7.6}{30} \quad \frac{9.5}{39} \quad \frac{11.1}{55}$$

$$\frac{7.7}{33} \quad \frac{9.5}{44} \quad \frac{4.3}{70}$$

Sta      +       $\pi$       -      Elev

895.13

288

93.2 0+31

+25

93.2 0+06

West Rail 93.3

East Rail 93.3

+40

93.0 0+09

+50

92.6 0+19

+60

92.1 0+29

+80

91.2 0+49

289

90.4 0+69

+50

88.3 1+19

T.P.

0.28

894.88

0.53

894.60

290

86.7 1+69

+18

86.2 1+87

L1      L      R+

$$\frac{4.4}{19} \quad \frac{2.3}{12} \quad 1.9 \quad \frac{2.0}{11} \quad \frac{3.7}{22} \quad \frac{5.1}{31} \quad \frac{4.2}{51} \quad \frac{3.4}{70}$$

$$\frac{5.9}{45} \quad \frac{3.0}{28} \quad \frac{2.0}{13} \quad 1.9 \quad \frac{1.9}{12} \quad \frac{2.5}{12} \quad \frac{2.8}{67}$$

$$1.82$$

$$1.82$$

$$\frac{2.2}{50} \quad \frac{2.2}{14} \quad \frac{2.0}{12} \quad 2.1 \quad \frac{2.2}{11} \quad \frac{2.8}{25} \quad \frac{8.9}{49}$$

$$\frac{2.1}{50} \quad \frac{2.3}{45} \quad \frac{2.7}{37} \quad \frac{2.6}{8} \quad 2.5 \quad \frac{2.9}{12} \quad \frac{4.3}{16} \quad \frac{4.4}{18}$$

$$\frac{3.1}{54} \quad \frac{7.2}{29} \quad \frac{3.5}{17} \quad \frac{3.2}{12} \quad 3.0 \quad \frac{3.5}{11} \quad \frac{4.7}{15} \quad \frac{5.4}{19}$$

$$\frac{5.2}{16} \quad \frac{4.4}{11} \quad 3.9 \quad \frac{4.1}{12} \quad \frac{6.0}{17} \quad \frac{6.1}{20}$$

$$\frac{6.2}{17} \quad \frac{5.3}{12} \quad \frac{4.7}{8} \quad 4.7 \quad \frac{5.1}{11} \quad \frac{7.2}{15-19}$$

$$\frac{8.7}{18} \quad \frac{7.4}{9} \quad 6.8 \quad \frac{7.1}{12} \quad \frac{8.5}{15-19}$$

$$\frac{10.2}{18} \quad \frac{8.8}{11} \quad 8.2 \quad \frac{8.5}{12} \quad \frac{9.8}{15-17}$$

$$\frac{10.3}{18} \quad \frac{9.7}{13} \quad \frac{9.3}{11} \quad 8.7 \quad \frac{9.1}{12} \quad \frac{9.9}{18}$$

| Sta    | +    | $\pi$  | -    | Elev      |
|--------|------|--------|------|-----------|
|        |      | 894.88 |      |           |
| 290+50 |      |        |      | 853 2+19  |
| +75    |      |        |      | 84.6 2+44 |
| 291    |      |        |      | 840 2+69  |
| +40    |      |        |      | 3+09      |
| T.P.   | 2.81 | 887.82 | 9.87 | 885.01    |
| 288+50 |      |        |      |           |
| +60    |      |        |      |           |
| +80    |      |        |      |           |
| 289    |      |        |      |           |
| +50    |      |        |      |           |
| 290    |      |        |      |           |
| +18    |      |        |      |           |
| +50    |      |        |      |           |



L+

R

R+

$$\frac{11.1}{18} \quad \frac{10.1}{9} \quad 96 \quad \frac{9.9}{11} \quad \frac{10.6}{18} \quad \frac{14.7}{26} \quad \frac{14.7}{30} \quad \frac{13.5}{50}$$

$$\frac{11.4}{18} \quad \frac{10.7}{10} \quad 10.3 \quad \frac{10.6}{10} \quad \frac{11.2}{19} \quad \frac{13.5}{27} \quad \frac{13.1}{33} \quad \frac{9.4}{41} \quad \frac{10.1}{50}$$

$$\frac{12.2}{19} \quad \frac{11.3}{10} \quad 10.9 \quad \frac{11.3}{11} \quad \frac{11.5}{16} \quad \frac{13.7}{28} \quad \frac{10.4}{39} \quad \frac{3.5}{47} \quad \frac{5.9}{75}$$

$$\frac{10.3}{44} \quad \frac{0.6}{76}$$

$$\frac{7.4}{40} \quad \frac{7.4}{50}$$

$$\frac{8.0}{37} \quad \frac{9.4}{56}$$

$$\frac{11.4}{50} \quad \frac{9.7}{41}$$

$$\frac{9.1}{38} \quad \frac{12.1}{56}$$

$$\frac{13.0}{53} \quad \frac{11.1}{41}$$

$$\frac{9.9}{36} \quad \frac{12.8}{43} \quad \frac{13.1}{53}$$

$$\frac{14.2}{51} \quad \frac{12.2}{39}$$

$$\frac{11.0}{35} \quad \frac{12.8}{41} \quad \frac{12.5}{66}$$

$$\frac{14.6}{50} \quad \frac{12.6}{38}$$

$$\frac{8.9}{31} \quad \frac{9.4}{38} \quad \frac{6.4}{51}$$

$$\frac{14.4}{60} \quad \frac{13.6}{38}$$

$$\frac{7.9}{29} \quad \frac{9.2}{36} \quad \frac{3.5}{57}$$

$$\frac{12.2}{57} \quad \frac{12.6}{44} \quad \frac{10.1}{30}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

887.82

290+75

291

+40

83.0 3+09

292

82.2 3+69

+15

82.1 3+84

+75

82.4 4+44

293

82.7 4+69

+50

83.3 5+19

294

+50

295

T.P.

15.76

900.20

3.38

884.44

294+50

LH

2

RH

$$\frac{12.0}{52} \quad \frac{11.5}{37} \quad \frac{9.7}{30}$$

$$\frac{11.3}{52} \quad \frac{8.7}{33} \quad \frac{8.5}{26}$$

$$\frac{10.5}{50} \quad \frac{8.2}{33} \quad \frac{8.5}{27} \quad \frac{6.0}{21} \quad \frac{5.0}{10} \quad 4.8 \quad \frac{5.0}{11} \quad \frac{4.8}{27}$$

$$\frac{7.7}{50} \quad \frac{7.3}{21} \quad \frac{6.6}{17} \quad \frac{5.9}{10} \quad 5.6 \quad \frac{5.9}{10} \quad \frac{6.1}{15} \quad \frac{7.4}{26} \quad \frac{6.5}{28} \quad \frac{5.8}{50}$$

$$\frac{7.5}{50} \quad \frac{8.7}{31} \quad \frac{7.1}{19} \quad \frac{6.2}{10} \quad 5.7 \quad \frac{6.0}{15} \quad \frac{6.8}{20} \quad \frac{8.6}{26} \quad \frac{9.3}{50}$$

$$\frac{7.1}{55} \quad \frac{8.6}{37} \quad \frac{7.8}{22} \quad \frac{6.2}{16} \quad \frac{5.7}{9} \quad 5.4 \quad \frac{5.7}{10} \quad \frac{6.3}{17} \quad \frac{10.8}{29} \quad \frac{11.0}{55}$$

$$\frac{5.7}{55} \quad \frac{6.9}{33} \quad \frac{6.8}{22} \quad \frac{5.9}{16} \quad \frac{5.2}{10} \quad 5.1 \quad \frac{5.4}{10} \quad \frac{5.8}{16} \quad \frac{8.3}{26} \quad \frac{9.1}{32} \quad \frac{8.8}{50}$$

$$\frac{4.5}{52} \quad \frac{5.2}{45} \quad \frac{5.5}{30} \quad \frac{4.9}{10} \quad 4.5 \quad \frac{4.9}{10} \quad \frac{5.1}{16} \quad \frac{6.3}{21-24} \quad \frac{5.0}{28} \quad \frac{4.5}{57}$$

$$\frac{5.0}{52} \quad \frac{5.3}{24} \quad \frac{5.0}{20} \quad \frac{4.4}{10} \quad 4.1 \quad \frac{4.4}{10} \quad \frac{4.8}{18} \quad \frac{5.6}{21-23} \quad \frac{1.8}{32} \quad \frac{1.6}{50}$$

$$\frac{6.6}{50} \quad \frac{4.4}{32} \quad \frac{4.1}{18} \quad \frac{3.9}{10} \quad 3.7 \quad \frac{4.0}{10} \quad \frac{4.6}{18} \quad \frac{5.0}{19} \quad \frac{5.0}{23} \quad \frac{3.2}{27}$$

$$\frac{1.4}{50} \quad \frac{3.0}{33} \quad \frac{3.8}{17} \quad \frac{3.5}{9} \quad 3.4 \quad \frac{3.7}{10} \quad \frac{3.7}{16} \quad \frac{4.2}{19} \quad \frac{4.2}{22} \quad \frac{2.6}{25}$$

$$\frac{8.0}{43} \quad \frac{8.2}{62}$$

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 900.20 |  |  |
|--|--|--------|--|--|

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|-----|--|--|--|--|
| 295 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|      |       |        |      |        |
|------|-------|--------|------|--------|
| T.P. | 13.21 | 910.77 | 2.64 | 897.56 |
|------|-------|--------|------|--------|

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|-----|--|--|--|--|
| 296 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 297 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +75 |  |  |  |
|--|-----|--|--|--|

|      |      |        |       |        |
|------|------|--------|-------|--------|
| T.P. | 0.11 | 897.21 | 13.67 | 897.10 |
|------|------|--------|-------|--------|

|     |      |        |       |        |        |
|-----|------|--------|-------|--------|--------|
| B.M | 4.51 | 889.61 | 12.12 | 885.09 | 885.10 |
|-----|------|--------|-------|--------|--------|

|        |  |  |  |  |
|--------|--|--|--|--|
| 295+50 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 296 |  |  |  |  |
|-----|--|--|--|--|

|  |     |  |  |  |
|--|-----|--|--|--|
|  | +50 |  |  |  |
|--|-----|--|--|--|

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|-----|--|--|--|--|
| 297 |  |  |  |  |
|-----|--|--|--|--|

Lt

Q

R+

$$\frac{47}{48} \quad \frac{6.8}{65}$$

$$\frac{5.0}{66} \quad \frac{5.6}{43} \quad \frac{99}{41} \quad \frac{12.2}{53} \quad \frac{14.7}{63}$$

$$\frac{8.0}{80} \quad \frac{8.7}{55}$$

$$\frac{4.0}{80} \quad \frac{6.8}{59}$$

$$\frac{3.3}{85} \quad \frac{8.6}{59}$$

$$\frac{8.1}{70} \quad \frac{14.1}{48}$$

$$\frac{9.8}{73} \quad \frac{14.5}{52} \quad \frac{16.1}{45}$$

Sp K 17 P.P 28' Rt Sta 297+98

$$\frac{5.2}{26} \quad \frac{6.5}{23} \quad \frac{6.5}{21} \quad \frac{5.4}{12} \quad \frac{5.1}{16} \quad 5.0 \quad \frac{5.5}{12} \quad \frac{6.6}{21} \quad \frac{6.6}{23} \quad \frac{5.7}{26}$$

$$\frac{4.4}{27} \quad \frac{6.3}{22-20} \quad \frac{5.4}{18} \quad \frac{5.4}{9} \quad 5.2 \quad \frac{5.6}{11} \quad \frac{6.4}{18} \quad \frac{7.0}{24} \quad \frac{5.0}{28} \quad \frac{10.6}{44} \quad \frac{11.5}{50}$$

$$\frac{4.2}{27} \quad \frac{6.1}{23} \quad \frac{6.1}{21} \quad \frac{5.5}{18} \quad \frac{5.3}{8} \quad 5.3 \quad \frac{5.4}{9} \quad \frac{5.8}{12} \quad \frac{6.7}{24} \quad \frac{10.5}{45} \quad \frac{9.8}{50}$$

$$\frac{3.8}{29} \quad \frac{5.9}{22} \quad \frac{5.9}{19} \quad \frac{5.4}{9} \quad 5.2 \quad \frac{5.9}{12} \quad \frac{6.5}{25} \quad \frac{7.8}{31} \quad \frac{7.8}{50}$$



| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 889.61 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 297+50 |  |  |  |  |
|--------|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +75 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 298 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 299 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 300 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +15 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 301 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 302 |  |  |  |  |
|-----|--|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 4.45 | 888.09 | 5.97 | 883.64 |
|------|------|--------|------|--------|

LT. L Rt.

$$\frac{4.3}{30} \quad \frac{6.0}{22-20} \quad \frac{5.6}{17} \quad \frac{5.3}{9} \quad 5.0 \quad \frac{5.3}{11} \quad \frac{5.5}{19} \quad \frac{6.8}{50}$$

$$\frac{4.9}{29} \quad \frac{6.4}{23-21} \quad \frac{5.4}{18} \quad \frac{5.0}{9} \quad 4.8 \quad \frac{5.1}{11} \quad \frac{6.3}{41} \quad \frac{6.7}{44-42} \quad \frac{6.3}{50}$$

$$\frac{4.9}{50} \quad \frac{5.7}{35-33} \quad \frac{5.2}{31} \quad \frac{4.9}{9} \quad 4.8 \quad \frac{5.0}{11} \quad \frac{5.3}{26} \quad \frac{6.2}{39-50}$$

$$\frac{5.9}{50} \quad \frac{5.5}{29} \quad \frac{5.2}{10} \quad 5.2 \quad \frac{5.6}{10} \quad \frac{6.1}{32} \quad \frac{6.1}{50}$$

$$\frac{6.4}{50} \quad \frac{6.2}{26} \quad \frac{5.4}{10} \quad 5.3 \quad \frac{5.8}{10} \quad \frac{5.9}{12} \quad \frac{7.2}{25} \quad \frac{5.0}{50}$$

$$\frac{6.6}{50} \quad \frac{6.4}{26} \quad \frac{7.0}{24-21} \quad \frac{5.6}{18} \quad \frac{5.3}{10} \quad 5.1 \quad \frac{5.4}{10} \quad \frac{6.0}{19} \quad \frac{6.9}{22-24} \quad \frac{6.0}{28} \quad \frac{5.5}{50}$$

$$\frac{6.1}{50} \quad \frac{5.8}{27} \quad \frac{7.0}{24-21} \quad \frac{6.0}{18} \quad \frac{5.6}{10} \quad 5.4 \quad \frac{5.6}{11} \quad \frac{6.0}{17} \quad \frac{6.9}{21-24} \quad \frac{5.5}{27} \quad \frac{5.5}{38} \quad \frac{3.8}{50}$$

$$\frac{6.4}{50} \quad \frac{4.9}{30} \quad \frac{7.0}{24-21} \quad \frac{6.0}{18} \quad \frac{5.7}{11} \quad 5.4 \quad \frac{5.7}{10} \quad \frac{6.2}{18} \quad \frac{7.1}{21-24} \quad \frac{6.6}{26} \quad \frac{5.3}{37} \quad \frac{2.9}{45} \quad \frac{6.0}{60}$$

$$\frac{6.6}{50} \quad \frac{3.5}{32} \quad \frac{7.2}{24-21} \quad \frac{4.0}{17} \quad \frac{5.9}{10} \quad 5.6 \quad \frac{5.8}{10} \quad \frac{6.1}{18} \quad \frac{7.3}{21-24} \quad \frac{6.6}{26} \quad \frac{5.5}{36} \quad \frac{4.2}{49}$$

$$\frac{10.1}{50} \quad \frac{9.0}{25} \quad \frac{7.0}{18} \quad \frac{6.4}{10} \quad 6.1 \quad \frac{6.3}{10} \quad \frac{6.8}{19} \quad \frac{7.7}{21-23} \quad \frac{7.3}{24} \quad \frac{6.2}{34} \quad \frac{5.3}{50}$$

$$\frac{10.2}{50} \quad \frac{9.7}{24} \quad \frac{7.9}{18} \quad \frac{7.2}{10} \quad 6.9 \quad \frac{7.3}{11} \quad \frac{7.9}{17} \quad \frac{9.2}{21} \quad \frac{9.8}{27} \quad \frac{9.5}{50}$$

$$\frac{10.8}{50} \quad \frac{11.3}{28} \quad \frac{12.2}{27} \quad \frac{10.8}{17} \quad \frac{10.4}{9} \quad 8.2 \quad \frac{8.6}{11} \quad \frac{9.6}{18} \quad \frac{11.0}{22} \quad \frac{10.4}{34} \quad \frac{10.7}{50}$$

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 888.09 |  |  |
|--|--|--------|--|--|

|        |  |  |  |  |
|--------|--|--|--|--|
| 302+50 |  |  |  |  |
|--------|--|--|--|--|

|  |   |       |        |  |
|--|---|-------|--------|--|
|  | X | Drain | Buried |  |
|--|---|-------|--------|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 303 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 304 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 305 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 306 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 307 |  |  |  |  |
|-----|--|--|--|--|

|      |       |        |      |        |
|------|-------|--------|------|--------|
| T.P. | 12.48 | 900.44 | 0.13 | 887.96 |
|------|-------|--------|------|--------|

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|-----|--|--|--|--|
| 306 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

L+

2

R+

$$\frac{8.6}{50-45} \frac{10.0}{40} \frac{11.2}{25} \frac{8.3}{18} \frac{7.7}{8} 7.7 \frac{8.0}{10} \frac{8.6}{18} \frac{9.5}{22} \frac{8.9}{35} \frac{9.1}{50}$$

$$\frac{9.0}{50} \frac{10.2}{47} \frac{10.2}{32} \frac{10.9}{25} \frac{8.3}{18} \frac{7.6}{9} 7.6 \frac{7.9}{9} \frac{8.8}{17} \frac{10.0}{21} \frac{9.8}{29} \frac{8.9}{35} \frac{9.3}{50}$$

$$\frac{9.6}{50} \frac{9.8}{23} \frac{8.0}{18} \frac{7.2}{10} 6.8 \frac{7.2}{10} \frac{7.7}{17} \frac{8.9}{22} \frac{8.7}{50}$$

$$\frac{9.2}{50} \frac{9.2}{31} \frac{9.4}{26} \frac{6.9}{18} \frac{6.1}{10} 5.8 \frac{6.1}{9} \frac{6.7}{18} \frac{8.0}{23} \frac{8.0}{32} \frac{8.1}{50}$$

$$\frac{9.1}{50} \frac{9.2}{35} \frac{8.6}{24} \frac{5.2}{16} \frac{4.6}{10} 4.3 \frac{4.6}{10} \frac{5.6}{18} \frac{7.1}{23} \frac{7.8}{37} \frac{7.8}{50}$$

$$\frac{9.2}{50} \frac{8.4}{26} \frac{3.7}{16} \frac{3.2}{10} 2.8 \frac{3.3}{10} \frac{4.3}{18} \frac{6.6}{24} \frac{7.1}{37} \frac{7.0}{50}$$

$$\frac{9.0}{50} \frac{9.0}{39} \frac{8.4}{30} \frac{2.4}{18} \frac{1.6}{10} 1.3 \frac{1.7}{10} \frac{3.1}{19} \frac{6.3}{26} \frac{7.2}{50}$$

$$\frac{8.5}{50} \frac{7.1}{41} \frac{6.7}{33} \frac{5.1}{26} \frac{0.5}{18} \frac{0.6}{19} \frac{6.2}{31} \frac{7.3}{40}$$

$$\frac{5.2}{50} \frac{4.8}{40} \frac{1.3}{30} \frac{3.0}{30} \frac{5.1}{40} \frac{6.4}{50}$$

$$\frac{1.2}{50} \frac{0.6}{40} \frac{0.8}{39} \frac{2.2}{50}$$

$$\frac{11.6}{9} 11.1 \frac{11.5}{10}$$

$$\frac{133}{26} \frac{8.7}{18} \frac{7.6}{9} 7.3 \frac{7.7}{9} \frac{9.3}{18} -$$

| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

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|  |  | 900.44 |  |  |
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| 307 |  |  |  |  |
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| 308 |  |  |  |  |
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| +50 |  |  |  |  |
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| T.P. | 12.82 | 912.96 | 0.30 | 900.14 |
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| 308 |  |  |  |  |
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| 309 |  |  |  |  |
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| T.P. | 13.65 | 926.55 | 0.06 | 912.90 |
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| 309+50 |  |  |  |  |
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| 310 |  |  |  |  |
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| T.P. | 13.01 | 939.54 | 0.02 | 926.53 |
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| 310+50 |  |  |  |  |
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Lt

R

Rt

$$\frac{10.8}{32} \quad \frac{46}{17} \quad \frac{39}{9} \quad 35 \quad \frac{41}{10} \quad \frac{48}{18} \quad \frac{11.0}{30}$$

$$\frac{40}{50} \quad \frac{39}{39} \quad \frac{7.6}{33} \quad \frac{5.7}{26} \quad \frac{1.0}{17} \quad \frac{0.1}{10} \quad 102 \quad \frac{0.0}{10} \quad \frac{0.7}{18} \quad \frac{8.0}{33} \quad \frac{9.6}{40} \quad \frac{8.6}{43} \quad \frac{9.4}{50}$$

$$\frac{3.3}{31} \quad \frac{5.4}{38} \quad \frac{6.0}{44} \quad \frac{7.0}{50}$$

$$\frac{1.2}{40} \quad \frac{2.4}{50}$$

$$\frac{7.0}{50} \quad \frac{8.9}{41} \quad \frac{13.1}{33-29} \quad \frac{12.0}{25} \quad \frac{9.2}{18} \quad \frac{8.5}{9} \quad 8.2 \quad \frac{8.4}{11} \quad \frac{9.1}{18}$$

$$\frac{8.7}{50} \quad \frac{10.2}{35} \quad \frac{9.4}{28} \quad \frac{5.3}{18} \quad \frac{4.3}{9} \quad 4.1 \quad \frac{4.3}{11} \quad \frac{4.9}{17} \quad \frac{11.7}{33}$$

$$\frac{10.0}{50} \quad \frac{9.1}{35} \quad \frac{1.4}{17} \quad \frac{0.7}{8} \quad 0.3 \quad \frac{0.4}{12} \quad \frac{1.1}{18} \quad \frac{6.0}{31-34} \quad \frac{5.1}{36} \quad \frac{5.4}{50}$$

$$\frac{4.0}{50} \quad \frac{3.5}{39} \quad \frac{2.0}{31}$$

$$\frac{14.3}{27} \quad \frac{11.3}{19} \quad \frac{9.9}{8} \quad 9.8 \quad \frac{10.1}{11} \quad \frac{10.7}{22} \quad \frac{11.2}{27} \quad \frac{10.1}{34} \quad \frac{11.0}{50}$$

$$\frac{9.0}{50} \quad \frac{7.6}{28} \quad \frac{7.9}{23} \quad \frac{6.6}{18} \quad \frac{5.8}{8} \quad 5.7 \quad \frac{5.7}{11} \quad \frac{6.0}{18} \quad \frac{7.2}{23-25} \quad \frac{6.1}{30} \quad \frac{2.8}{37} \quad \frac{1.9}{50}$$

$$\frac{3.1}{24} \quad \frac{3.1}{22} \quad \frac{2.4}{19} \quad \frac{1.8}{10} \quad 1.6 \quad \frac{1.8}{11} \quad \frac{2.6}{18} \quad \frac{3.2}{21} \quad \frac{3.2}{23} \quad \frac{1.8}{28}$$

$$\frac{12.7}{50} \quad \frac{12.2}{33}$$

$$\frac{5.0}{43} \quad \frac{4.7}{59} \quad \frac{2.7}{75}$$

| Sta | + | $\pi$  | - | Elev |
|-----|---|--------|---|------|
| 311 |   | 939.54 |   |      |

+50

312

|      |       |        |      |        |
|------|-------|--------|------|--------|
| T.P. | 11.25 | 950.63 | 0.16 | 939.38 |
|------|-------|--------|------|--------|

311

+50

312

+50

313

+09

+18

+24

+38

♀ Mc Menemy

|     |      |        |      |        |        |
|-----|------|--------|------|--------|--------|
| B.M | 5.08 | 951.68 | 4.05 | 946.58 | 946.60 |
|-----|------|--------|------|--------|--------|

Lt

L

Rt

$$\frac{5.1}{62} \quad \frac{4.7}{50} \quad \frac{4.0}{37} \quad \frac{11.9}{25} \quad \frac{11.8}{17} \quad \frac{11.1}{10} \quad 10.8 \quad \frac{11.0}{10} \quad \frac{11.4}{18} \quad \frac{12.0}{21-24} \quad \frac{11.0}{27}$$

$$\frac{6.9}{25} \quad \frac{7.8}{26} \quad \frac{7.5}{17} \quad \frac{7.5}{10} \quad 7.1 \quad \frac{7.3}{10} \quad \frac{7.5}{19} \quad \frac{8.0}{20-23} \quad \frac{6.9}{27}$$

$$\frac{3.2}{25} \quad \frac{4.3}{21} \quad \frac{3.5}{11} \quad 3.2 \quad \frac{3.5}{10} \quad \frac{3.6}{18} \quad \frac{4.1}{20} \quad \frac{4.1}{22} \quad \frac{2.8}{27}$$

$$\frac{8.3}{47} \quad \frac{8.0}{63} \quad \frac{7.5}{80}$$

$$\frac{9.0}{70} \quad \frac{7.6}{43}$$

$$\frac{4.8}{46} \quad \frac{5.0}{58} \quad \frac{5.3}{75}$$

$$\frac{2.8}{65} \quad \frac{2.8}{44}$$

$$\frac{3.6}{44} \quad \frac{4.3}{75}$$

$$\frac{1.7}{60} \quad \frac{2.0}{40} \quad \frac{11.2}{25} \quad \frac{11.5}{19} \quad \frac{10.8}{10} \quad 10.6 \quad \frac{10.9}{10} \quad \frac{11.3}{18} \quad \frac{11.9}{21} \quad \frac{11.9}{23} \quad \frac{10.2}{28} \quad \frac{3.1}{39} \quad \frac{3.6}{65}$$

$$\frac{1.5}{50} \quad \frac{1.9}{35} \quad \frac{8.0}{25} \quad \frac{7.4}{17} \quad \frac{7.0}{10} \quad 6.4 \quad \frac{6.4}{10} \quad \frac{6.9}{17} \quad \frac{7.6}{20-23} \quad \frac{6.2}{27} \quad \frac{3.2}{31} \quad \frac{3.5}{50}$$

$$\frac{1.5}{50} \quad \frac{1.7}{38} \quad \frac{5.0}{31} \quad \frac{6.9}{23} \quad \frac{6.0}{11} \quad 5.7 \quad \frac{5.6}{14} \quad \frac{6.6}{21-24} \quad \frac{3.1}{33} \quad \frac{3.5}{50}$$

$$\frac{5.2}{50} \quad \frac{5.2}{37} \quad \frac{6.2}{24} \quad \frac{5.5}{16} \quad 5.1 \quad \frac{4.9}{18} \quad \frac{5.2}{27} \quad \frac{3.4}{37} \quad \frac{3.1}{50}$$

$$\frac{6.0}{50} \quad \frac{5.5}{33} \quad \frac{4.9}{11} \quad 4.5 \quad \frac{4.4}{10} \quad \frac{5.0}{28} \quad \frac{5.3}{50}$$

$$\frac{5.7}{50}$$

$$4.0$$

$$\frac{4.7}{50}$$

| Sta | + | $\pi$ | - | Elev |
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| Sta | + | $\pi$ | - | Elev |
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951.68

| Sta | + | $\pi$ | - | Elev |
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313+54

| Sta | + | $\pi$ | - | Elev |
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|-----|---|-------|---|------|

+62

| Sta | + | $\pi$ | - | Elev |
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|-----|---|-------|---|------|

+69

| Sta | + | $\pi$ | - | Elev |
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314

| Sta | + | $\pi$ | - | Elev |
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+50

| Sta | + | $\pi$ | - | Elev |
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315

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316

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| Sta | + | $\pi$ | - | Elev |
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317

| Sta | + | $\pi$ | - | Elev |
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+50

| Sta | + | $\pi$ | - | Elev |
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318

Lt

Z

Rt

$$\frac{6.2}{50} \frac{6.0}{33} \frac{6.4}{27} \frac{6.1}{22} \frac{5.1}{12} 48 \frac{4.9}{10} \frac{5.6}{29} \frac{6.0}{50}$$

$$\frac{6.0}{50} \frac{5.5}{27} \frac{5.8}{24} \frac{5.6}{18} \frac{5.1}{12} 48 \frac{5.0}{11} \frac{5.4}{23} \frac{4.4}{29} \frac{4.7}{50}$$

$$\frac{2.4}{50} \frac{2.8}{32} \frac{5.0}{28} \frac{6.0}{23-21} \frac{5.4}{19} \frac{4.9}{12} 48 \frac{5.1}{11} \frac{5.5}{18} \frac{5.9}{21} \frac{5.7}{24} \frac{4.0}{30} \frac{4.5}{50}$$

$$\frac{2.6}{50} \frac{2.8}{33} \frac{4.9}{28} \frac{6.2}{23-21} \frac{5.5}{18} \frac{5.1}{10} 4.9 \frac{5.3}{10} \frac{5.7}{18} \frac{6.1}{21-24} \frac{4.2}{29} \frac{3.6}{33} \frac{3.6}{50}$$

$$\frac{2.3}{50} \frac{1.9}{33} \frac{5.3}{27} \frac{6.6}{23-21} \frac{5.6}{18} \frac{5.1}{11} 4.9 \frac{5.2}{11} \frac{5.6}{19} \frac{6.3}{21-24} \frac{3.5}{30} \frac{3.3}{50}$$

$$\frac{2.6}{50} \frac{2.1}{33} \frac{5.5}{27} \frac{6.7}{23-21} \frac{5.6}{18} \frac{5.2}{11} 4.8 \frac{5.0}{10} \frac{5.4}{18} \frac{6.5}{21-23} \frac{5.6}{25} \frac{3.1}{31} \frac{3.1}{50}$$

$$\frac{2.7}{50} \frac{2.2}{35} \frac{2.9}{32} \frac{5.4}{27} \frac{6.7}{24-22} \frac{6.0}{19} \frac{5.5}{9} 5.2 \frac{5.5}{10} \frac{6.2}{19} \frac{6.8}{22-24} \frac{6.2}{26} \frac{3.2}{31} \frac{3.4}{50}$$

$$\frac{2.5}{50} \frac{2.0}{36} \frac{3.0}{32} \frac{6.2}{26} \frac{7.1}{23-21} \frac{6.4}{18} \frac{6.0}{11} 5.8 \frac{6.3}{11} \frac{6.7}{19} \frac{7.5}{22-24} \frac{6.5}{27} \frac{3.1}{33} \frac{3.6}{50}$$

$$\frac{3.2}{50} \frac{2.6}{35} \frac{7.1}{26} \frac{8.0}{23-21} \frac{7.2}{17} \frac{6.7}{10} 6.5 \frac{7.0}{11} \frac{7.3}{19} \frac{8.1}{22-24} \frac{7.3}{27} \frac{4.3}{32} \frac{4.4}{50}$$

$$\frac{3.8}{50} \frac{4.0}{33} \frac{7.6}{25} \frac{8.5}{23-21} \frac{7.5}{18} \frac{7.4}{10} 7.2 \frac{7.5}{11} \frac{7.7}{18} \frac{8.3}{22-24} \frac{6.0}{30} \frac{6.6}{50}$$

$$\frac{5.0}{50} \frac{5.3}{32} \frac{8.8}{23-21} \frac{8.2}{18} 7.8 \frac{8.2}{11} \frac{8.3}{18} \frac{9.3}{22-24} \frac{8.0}{29} \frac{8.7}{50}$$

$$\frac{8.5}{50} \frac{7.4}{30} \frac{9.5}{24-22} \frac{8.8}{19} \frac{8.7}{10} 8.5 \frac{8.7}{11} \frac{9.0}{18} \frac{9.9}{21-23} \frac{9.5}{24} \frac{10.6}{50}$$



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|  |  | 951.68 |  |  |
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| 318+50 |  |  |  |  |
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| T.P. | 6.35 | 948.34 | 969 | 941.99 |
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| 323 |  |  |  |  |
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| T.P. | 7.78 | 954.65 | 1.47 | 946.87 |
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| +50 |  |  |  |  |
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Lt.

2

Rt

$$\frac{12.6}{50} \frac{13.0}{37} \frac{12.0}{35} \frac{117}{24} \frac{100}{18} \frac{97}{9} \quad 95 \quad \frac{9.9}{11} \frac{10.6}{18} \frac{12.4}{23} \frac{13.6}{31} \frac{13.9}{50}$$

$$\frac{11.9}{50} \frac{12.1}{37} \frac{11.4}{28} \frac{8.0}{18} \frac{75}{9} \quad 72 \quad \frac{7.6}{11} \frac{8.2}{18} \frac{12.9}{29} \frac{13.6}{50}$$

$$\frac{13.0}{50} \frac{13.1}{35} \frac{12.6}{29} \frac{8.2}{18} \frac{79}{9} \quad 77 \quad \frac{8.1}{11} \frac{8.6}{18} \frac{12.8}{30} \frac{14.0}{50}$$

$$\frac{13.1}{50} \frac{13.2}{36} \frac{13.0}{30} \frac{8.3}{17} \frac{79}{9} \quad 77 \quad \frac{8.1}{11} \frac{8.7}{19} \frac{12.6}{29} \frac{12.9}{50}$$

$$\frac{11.5}{50} \frac{11.1}{26} \frac{7.8}{17} \frac{7.6}{9} \quad 7.3 \quad \frac{7.6}{10} \frac{8.3}{17} \frac{9.0}{20} \frac{8.1}{50}$$

$$\frac{10.4}{50} \frac{9.6}{26} \frac{7.6}{16} \frac{7.0}{9} \quad 67 \quad \frac{6.9}{10} \frac{7.1}{16} \frac{7.3}{20-18} \frac{6.6}{22} \frac{5.9}{50}$$

$$\frac{7.4}{50} \frac{7.3}{25} \frac{6.4}{19} \frac{6.2}{9} \quad 5.8 \quad \frac{5.8}{10} \frac{6.4}{19} \frac{5.8}{23} \frac{5.0}{50}$$

$$\frac{5.3}{50} \frac{5.6}{26} \frac{6.3}{24-22} \frac{5.2}{18} \frac{5.1}{9} \quad 47 \quad \frac{4.8}{10} \frac{5.0}{17} \frac{5.7}{20-23} \frac{5.3}{25} \frac{3.0}{31} \frac{2.7}{50}$$

$$\frac{4.5}{50} \frac{3.8}{27} \frac{5.2}{24-22} \frac{3.9}{17} \frac{3.8}{9} \quad 3.4 \quad \frac{3.6}{10} \frac{4.1}{18} \frac{5.0}{20-22} \frac{1.7}{30} \frac{1.9}{50}$$

$$\frac{4.3}{50} \frac{3.7}{26} \frac{4.3}{24-21} \frac{3.6}{18} \frac{3.1}{9} \quad 2.6 \quad \frac{2.7}{10} \frac{2.9}{17} \frac{3.6}{20-22} \frac{3.1}{23} \frac{1.9}{30} \frac{1.2}{50}$$

$$\frac{3.7}{50} \frac{2.8}{26} \frac{3.5}{24-22} \frac{2.7}{18} \frac{2.2}{10} \quad 1.9 \quad \frac{2.1}{10} \frac{2.2}{17} \frac{3.0}{20-23} \frac{1.2}{29} \frac{1.3}{50}$$

$$\frac{9.9}{50} \frac{9.4}{42} \frac{8.0}{28} \frac{9.1}{24-21} \frac{8.3}{18} \frac{7.7}{9} \quad 7.5 \quad \frac{7.8}{10} \frac{7.8}{18} \frac{8.4}{20-23} \frac{7.0}{28} \frac{7.1}{50}$$

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|  |  | 95465' |  |  |
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| 324 |  |  |  |  |
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| 325 |  |  |  |  |
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| 326 |  |  |  |  |
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| 329 |  |  |  |  |
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| +50 |  |  |  |  |
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Lt.

K

Rt

$$\frac{10.2}{50} \quad \frac{9.7}{34} \quad \frac{8.5}{26} \quad \frac{8.8}{24-21} \quad \frac{7.8}{18} \quad \frac{7.4}{10} \quad 6.9 \quad \frac{7.1}{10} \quad \frac{7.3}{17} \quad \frac{8.3}{20-23} \quad \frac{6.6}{28} \quad \frac{6.7}{50}$$

$$\frac{10.4}{50} \quad \frac{10.2}{33} \quad \frac{7.6}{19} \quad \frac{6.9}{11} \quad 6.4 \quad \frac{6.4}{9} \quad \frac{6.8}{18} \quad \frac{7.7}{21} \quad \frac{6.8}{28} \quad \frac{7.0}{50}$$

$$\frac{8.8}{50} \quad \frac{7.9}{34} \quad \frac{7.4}{25} \quad \frac{7.8}{24-22} \quad \frac{6.9}{19} \quad \frac{6.4}{11} \quad 6.0 \quad \frac{6.0}{9} \quad \frac{6.3}{18} \quad \frac{7.3}{20-22} \quad \frac{6.8}{24} \quad \frac{5.9}{30} \quad \frac{6.1}{50}$$

$$\frac{7.7}{50} \quad \frac{6.6}{26} \quad \frac{7.5}{24-21} \quad \frac{6.4}{18} \quad \frac{5.8}{11} \quad 5.5 \quad \frac{5.7}{9} \quad \frac{5.7}{17} \quad \frac{6.9}{20-23} \quad \frac{5.0}{29} \quad \frac{4.6}{50}$$

$$\frac{6.7}{50} \quad \frac{5.8}{27} \quad \frac{7.0}{25-21} \quad \frac{6.0}{18} \quad \frac{5.7}{12} \quad 5.2 \quad \frac{5.2}{9} \quad \frac{5.5}{18} \quad \frac{6.6}{20-22} \quad \frac{6.2}{25} \quad \frac{5.4}{28} \quad \frac{4.7}{50}$$

$$\frac{6.1}{50} \quad \frac{5.6}{26} \quad \frac{6.3}{24-21} \quad \frac{5.2}{19} \quad \frac{5.0}{11} \quad 4.6 \quad \frac{4.5}{8} \quad \frac{4.7}{18} \quad \frac{5.9}{21-24} \quad \frac{4.5}{29} \quad \frac{5.0}{50}$$

$$\frac{5.5}{50} \quad \frac{4.7}{26} \quad \frac{5.3}{24-21} \quad \frac{4.3}{19} \quad \frac{4.1}{11} \quad 3.8 \quad \frac{3.9}{9} \quad \frac{4.1}{18} \quad \frac{5.3}{21-24} \quad \frac{2.9}{29} \quad \frac{3.1}{50}$$

$$\frac{5.1}{50} \quad \frac{4.4}{26} \quad \frac{5.0}{24-21} \quad \frac{4.0}{18} \quad \frac{3.5}{12} \quad 3.0 \quad \frac{3.3}{9} \quad \frac{3.7}{18} \quad \frac{4.8}{21-24} \quad \frac{3.8}{27} \quad \frac{3.5}{50}$$

$$\frac{4.2}{50} \quad \frac{4.0}{34} \quad \frac{3.0}{30-28} \quad \frac{4.4}{24-22} \quad \frac{3.4}{18} \quad \frac{3.1}{11} \quad 2.7 \quad \frac{2.8}{10} \quad \frac{3.0}{17} \quad \frac{4.4}{22-24} \quad \frac{2.6}{29} \quad \frac{2.9}{50}$$

$$\frac{3.3}{50} \quad \frac{3.2}{35} \quad \frac{2.4}{30} \quad \frac{4.1}{25-21} \quad \frac{3.1}{18} \quad \frac{2.6}{12} \quad 2.4 \quad \frac{2.7}{10} \quad \frac{3.0}{18} \quad \frac{4.1}{21-24} \quad \frac{2.3}{28} \quad \frac{2.2}{50}$$

$$\frac{3.4}{50} \quad \frac{3.1}{32} \quad \frac{1.9}{29} \quad \frac{3.8}{24-21} \quad \frac{2.8}{18} \quad \frac{2.4}{11} \quad 2.1 \quad \frac{2.4}{10} \quad \frac{2.7}{19} \quad \frac{3.9}{21-24} \quad \frac{2.7}{27} \quad \frac{2.5}{50}$$

$$\frac{2.3}{50} \quad \frac{2.7}{40} \quad \frac{1.8}{30} \quad \frac{3.8}{24-21} \quad \frac{2.6}{18} \quad \frac{2.3}{11} \quad 2.0 \quad \frac{2.2}{10} \quad \frac{2.5}{19} \quad \frac{3.6}{21-24} \quad \frac{2.2}{27} \quad \frac{2.1}{50}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
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|  |  | 954.65 |  |  |
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| 330 |  |  |  |  |
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| +50 |  |  |  |  |
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| BM |  |  |  |  |
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| 0.69 |  |  |  |  |
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| 954.60 |  |  |  |  |
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| 0.75 |  |  |  |  |
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|--------|--------|--|--|--|
| 953.90 | 953.91 |  |  |  |
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| 331 |  |  |  |  |
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| +50 |  |  |  |  |
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| 332 |  |  |  |  |
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| +50 |  |  |  |  |
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| 333 |  |  |  |  |
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| +07 |  |  |  |  |
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| +15 |  |  |  |  |
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| +50 |  |  |  |  |
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| 334 |  |  |  |  |
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|-----|--|--|--|--|
| +40 |  |  |  |  |
|-----|--|--|--|--|



L+

✕

R+

$$\frac{2.1}{50} \frac{1.7}{35} \frac{0.7}{30} \frac{3.9}{24-21} \frac{2.6}{18} \frac{2.3}{11} 2.1 \frac{2.3}{11} \frac{2.2}{19} \frac{3.8}{22-24} \frac{1.2}{29} \frac{1.0}{50}$$

$$\frac{2.8}{50} \frac{2.5}{37} \frac{1.6}{30} \frac{4.3}{23-20} \frac{3.3}{18} \frac{3.1}{10} 2.7 \frac{2.9}{11} \frac{3.1}{18} \frac{4.3}{21-24} \frac{1.3}{29} \frac{1.5}{50}$$

SpK in PP. 28' R+ Stg 330 + 133

$$\frac{2.8}{50} \frac{2.1}{31} \frac{4.5}{26} \frac{5.4}{23-20} \frac{4.2}{18} \frac{3.9}{11} 3.6 \frac{4.0}{12} \frac{4.2}{18} \frac{5.2}{21-24} \frac{2.7}{28} \frac{2.6}{50}$$

$$\frac{3.0}{50} \frac{2.6}{33} \frac{6.2}{27} \frac{7.0}{23-21} \frac{5.6}{18} \frac{5.4}{11} 5.2 \frac{5.5}{11} \frac{5.1}{18} \frac{6.7}{21-24} \frac{3.2}{30} \frac{3.2}{50}$$

$$\frac{4.7}{50} \frac{4.5}{33} \frac{8.5}{26} \frac{9.3}{24-21} \frac{8.0}{19} \frac{7.8}{12} 7.5 \frac{7.7}{12} \frac{8.0}{18} \frac{9.2}{21-24} \frac{4.8}{33} \frac{4.9}{50}$$

$$\frac{7.2}{50} \frac{7.1}{33} \frac{11.3}{26} \frac{11.7}{24-21} \frac{10.4}{19} \frac{10.2}{10} 10.0 \frac{10.4}{11} \frac{11.0}{20} \frac{12.1}{21-24} \frac{6.7}{34} \frac{6.6}{50}$$

$$\frac{9.4}{50} \frac{9.6}{33} \frac{14.7}{25} \frac{15.3}{23-21} \frac{13.1}{18} \frac{13.1}{16} 12.8 \frac{13.2}{11} \frac{13.2}{19} \frac{13.9}{22-26} \frac{8.3}{34} \frac{8.0}{50}$$

$$\frac{9.1}{50} \frac{9.9}{33}$$

$$\frac{14.0}{35} \frac{11.1}{50} \frac{9.9}{65}$$

$$\frac{9.8}{50} \frac{10.0}{35}$$

$$\frac{8.7}{37} \frac{8.3}{50}$$

$$\frac{10.8}{50} \frac{11.7}{37}$$

$$\frac{9.0}{41} \frac{8.5}{55}$$

$$\frac{12.4}{50} \frac{12.4}{40}$$

$$\frac{9.7}{45} \frac{9.5}{58}$$

$$\frac{14.0}{50} \frac{14.0}{42}$$

$$\frac{11.9}{45} \frac{11.6}{58}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|     |   | 95460    |   |      |

334+62

+70

|     |      |        |       |       |
|-----|------|--------|-------|-------|
| T.P | 1.39 | 942.81 | 13.18 | 94142 |
|-----|------|--------|-------|-------|

333+07

+15

+50

334

+40

+62

+70

335

+10

+27

Lt

A

Rt

$$\frac{13.2}{44}$$

$$\frac{13.3}{56}$$

$$\frac{14.2}{43}$$

$$\frac{13.8}{52}$$

$$\frac{2.7}{27} \quad \frac{3.8}{24.22} \quad \frac{2.2}{18} \quad \frac{1.7}{9} \quad 1.4 \quad \frac{1.8}{12} \quad \frac{1.8}{20} \quad \frac{3.2}{22} \quad \frac{2.6}{26}$$

$$\frac{2.9}{27} \quad \frac{4.0}{24.22} \quad \frac{2.8}{19} \quad \frac{2.1}{9} \quad 1.9 \quad \frac{2.3}{12} \quad \frac{2.5}{20} \quad \frac{3.1}{22} \quad \frac{3.4}{31}$$

$$\frac{5.6}{25.21} \quad \frac{4.5}{18} \quad \frac{4.2}{8} \quad 4.1 \quad \frac{4.7}{12} \quad \frac{5.0}{18} \quad \frac{5.9}{21} \quad \frac{5.9}{25}$$

$$\frac{7.9}{27} \quad \frac{8.8}{22.19} \quad \frac{8.0}{18} \quad \frac{7.5}{8} \quad 7.2 \quad \frac{4.6}{11} \quad \frac{7.8}{17} \quad \frac{11.3}{22.26}$$

$$\frac{11.2}{26} \quad \frac{12.3}{24.21} \quad \frac{10.5}{17} \quad \frac{10.2}{8} \quad 9.8 \quad \frac{10.0}{12} \quad \frac{10.7}{19} \quad \frac{13.4}{23.27}$$

$$\frac{3.6}{50} \quad \frac{4.0}{42} \quad \frac{11.7}{27} \quad \frac{13.5}{24.21} \quad \frac{11.4}{17} \quad \frac{11.5}{7} \quad 11.3 \quad \frac{11.5}{12} \quad \frac{11.9}{19} \quad \frac{14.4}{22.27}$$

$$\frac{7.7}{50} \quad \frac{10.4}{29} \quad \frac{12.1}{7} \quad 11.8 \quad \frac{12.1}{12} \quad \frac{12.7}{20} \quad \frac{14.9}{23.27}$$

$$\frac{9.1}{50} \quad \frac{12.7}{25}$$

$$\frac{7.4}{39} \quad \frac{5.8}{52}$$

$$\frac{8.9}{50} \quad \frac{11.1}{34}$$

$$\frac{9.5}{37} \quad \frac{7.9}{50}$$

$$\frac{6.2}{50} \quad \frac{6.8}{44}$$

$$\frac{13.5}{34} \quad \frac{10.5}{50}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 942.81 |  |  |
|--|--|--------|--|--|

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|--------|--|--|--|--|
| 335+40 |  |  |  |  |
|--------|--|--|--|--|

|      |      |        |       |        |
|------|------|--------|-------|--------|
| T.P. | 0.24 | 930.59 | 12.46 | 930.35 |
|------|------|--------|-------|--------|

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| 335 |  |  |  |  |
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| +10 |  |  |  |  |
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|-----|--|--|--|--|
| +27 |  |  |  |  |
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| +40 |  |  |  |  |
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|-----|--|--|--|--|
| +60 |  |  |  |  |
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|-----|--|--|--|--|
| +92 |  |  |  |  |
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| 336 |  |  |  |  |
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|------|------|--------|-------|--------|
| T.P. | 1.06 | 919.71 | 11.94 | 918.65 |
|------|------|--------|-------|--------|

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| +53 |  |  |  |  |
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| 337 |  |  |  |  |
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|-----|--|--|--|--|
| +50 |  |  |  |  |
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|-----|--|--|--|--|
| 338 |  |  |  |  |
|-----|--|--|--|--|

|      |      |        |       |        |        |
|------|------|--------|-------|--------|--------|
| B.M. | 4.97 | 913.37 | 11.30 | 908.41 | 908.40 |
|------|------|--------|-------|--------|--------|

Lt

K

R+

$$\frac{7.6}{51} \quad \frac{5.9}{50} \quad \frac{6.2}{46}$$

$$\frac{15.6}{34} \quad \frac{12.1}{50}$$

$$\frac{1.6}{15} \quad \frac{1.9}{7} \quad 1.7 \quad \frac{2.1}{12} \quad \frac{2.7}{20} \quad \frac{4.3}{23-26}$$

$$\frac{1.1}{25} \quad \frac{2.7}{14} \quad \frac{2.7}{6}$$

$$2.4 \quad \frac{3.0}{12} \quad \frac{3.6}{21} \quad \frac{4.2}{22-25} \quad \frac{3.4}{28}$$

$$\frac{4.7}{29} \quad \frac{8.6}{25} \quad \frac{8.1}{20} \quad \frac{4.5}{16} \quad \frac{3.9}{6} \quad 3.7 \quad \frac{4.2}{14} \quad \frac{4.7}{22} \quad \frac{6.0}{24} \quad \frac{6.0}{27}$$

$$\frac{7.6}{25-23} \quad \frac{8.7}{22} \quad \frac{5.5}{15} \quad 4.8 \quad \frac{5.3}{14} \quad \frac{5.8}{23} \quad \frac{7.1}{24} \quad \frac{7.1}{26}$$

$$\frac{5.1}{50} \quad \frac{6.7}{43} \quad \frac{8.2}{30} \quad \frac{10.3}{26-22} \quad \frac{7.2}{18} \quad \frac{6.6}{6} \quad 6.3 \quad \frac{6.6}{13} \quad \frac{7.5}{23} \quad \frac{8.6}{25-27} \quad \frac{6.3}{31} \quad \frac{6.6}{37} \quad \frac{3.5}{50}$$

$$\frac{3.6}{50} \quad \frac{8.0}{37} \quad \frac{9.9}{28} \quad \frac{10.9}{23} \quad \frac{11.7}{22-18} \quad \frac{9.4}{12} \quad \frac{9.1}{6} \quad 8.8 \quad \frac{9.4}{14} \quad \frac{9.6}{25} \quad \frac{11.7}{32} \quad \frac{11.0}{33} \quad \frac{10.6}{42} \quad \frac{8.6}{50}$$

$$\frac{1.8}{50} \quad \frac{2.1}{41} \quad \frac{10.0}{28} \quad \frac{11.5}{20} \quad \frac{12.2}{19-16} \quad \frac{10.0}{11} \quad \frac{9.6}{5} \quad 9.4 \quad \frac{9.8}{14} \quad \frac{9.8}{26} \quad \frac{11.6}{32} \quad \frac{12.1}{36} \quad \frac{12.0}{44} \quad \frac{10.4}{50}$$

$$\frac{3.9}{50} \quad \frac{4.5}{38} \quad \frac{3.3}{22} \quad \frac{2.9}{5} \quad 2.5 \quad \frac{2.5}{15} \quad \frac{3.3}{25} \quad \frac{7.1}{34} \quad \frac{8.6}{50}$$

$$\frac{7.6}{50} \quad \frac{6.6}{27} \quad \frac{6.2}{5} \quad 5.8 \quad \frac{5.8}{6} \quad \frac{6.7}{16} \quad \frac{7.3}{25} \quad \frac{11.6}{35} \quad \frac{13.1}{58}$$

$$\frac{11.0}{50} \quad \frac{10.9}{29} \quad \frac{9.2}{24} \quad \frac{9.0}{6} \quad 8.5 \quad \frac{9.3}{16} \quad \frac{9.7}{25} \quad \frac{14.4}{35} \quad \frac{16.8}{50}$$

$$\frac{14.6}{50} \quad \frac{14.4}{33} \quad \frac{11.2}{24} \quad \frac{10.5}{5} \quad 10.3 \quad \frac{11.0}{17} \quad \frac{11.6}{26} \quad \frac{15.2}{33-39} \quad \frac{14.1}{50}$$

Top Man Co Rd "B" & Edgerton Str.



Sta      +       $\Delta$       -      Elev

91337

338+50

339

+40

+52

61.74

Edge Pave.

339+71.74

\* Edgerton

+81.74

Edge Pave

+90

340

+50

341

+50

Lt.      &      Rt

$\frac{108}{50}$   $\frac{107}{38}$   $\frac{5.1}{24}$   $\frac{49}{14}$   $\frac{5.2}{5}$  50  $\frac{5.3}{13}$   $\frac{5.8}{17}$   $\frac{6.1}{26}$   $\frac{70}{28-32}$   $\frac{47}{35}$   $\frac{3.4}{50}$

$\frac{11.9}{50}$   $\frac{11.0}{36}$   $\frac{6.5}{22}$  5.5  $\frac{40}{18}$   $\frac{6.3}{28}$   $\frac{8.7}{30-36}$   $\frac{47}{38}$   $\frac{2.8}{50}$

$\frac{11.4}{50}$   $\frac{6.8}{32}$   $\frac{5.5}{25}$   $\frac{5.2}{19}$  5.3  $\frac{5.5}{15}$   $\frac{5.9}{34}$   $\frac{6.0}{42}$   $\frac{7.1}{47}$   $\frac{7.1}{57}$

$\frac{47}{50}$   $\frac{5.0}{32}$   $\frac{5.1}{13}$  5.1  $\frac{5.3}{24}$   $\frac{5.8}{50}$

$\frac{442}{50}$  5.01  $\frac{5.80}{50}$

$\frac{322}{100}$   $\frac{426}{50}$  496  $\frac{5.19}{50}$   $\frac{5.10}{100}$

$\frac{428}{50}$  5.02  $\frac{531}{50}$

$\frac{42}{50}$   $\frac{5.0}{20}$  49  $\frac{5.2}{21}$   $\frac{5.2}{39}$   $\frac{5.3}{50}$

$\frac{11.7}{50}$   $\frac{5.4}{25}$   $\frac{49}{14}$  4.9  $\frac{5.3}{26}$   $\frac{5.7}{39}$   $\frac{9.6}{50}$

$\frac{15.2}{50}$   $\frac{12.6}{38}$   $\frac{7.3}{21}$   $\frac{5.8}{14}$   $\frac{5.5}{7}$  5.4  $\frac{5.5}{15}$   $\frac{6.2}{24}$   $\frac{11.0}{35}$   $\frac{11.6}{46}$   $\frac{6.9}{55}$

$\frac{14.9}{50}$   $\frac{12.7}{38}$   $\frac{7.8}{21}$   $\frac{5.5}{4}$  5.3  $\frac{5.5}{15}$   $\frac{5.7}{20}$   $\frac{6.3}{24}$   $\frac{10.2}{33}$   $\frac{11.5}{38}$   $\frac{11.5}{50}$

$\frac{15.4}{50}$   $\frac{12.9}{38}$   $\frac{7.3}{25}$   $\frac{5.3}{8}$  5.0  $\frac{5.0}{15}$   $\frac{4.9}{20}$   $\frac{5.8}{24}$   $\frac{9.6}{33}$   $\frac{10.7}{39}$   $\frac{10.1}{50}$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
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|  |  | 91337 |  |  |
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| 341475 |  |  |  |  |
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| 342 |  |  |  |  |
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| +50 |  |  |  |  |
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| 343 |  |  |  |  |
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| +50 |  |  |  |  |
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|-----|--|--|--|--|
| +75 |  |  |  |  |
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| 344 |  |  |  |  |
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| +10 |  |  |  |  |
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| +28 |  |  |  |  |
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| +35 |  |  |  |  |
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|-----|--|--|--|--|
| +66 |  |  |  |  |
|-----|--|--|--|--|

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|------|-------|--------|------|--------|
| T.P. | 10.09 | 920.88 | 2.58 | 910.79 |
|------|-------|--------|------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| 345 |  |  |  |  |
|-----|--|--|--|--|

Lt

Z

Rt

$$\frac{14.3}{50} \quad \frac{12.7}{38} \quad \frac{7.1}{26} \quad \frac{5.3}{14} \quad \frac{5.0}{6} \quad 48 \quad \frac{48}{15} \quad \frac{5.0}{23} \quad \frac{8.0}{31} \quad \frac{8.6}{37} \quad \frac{6.1}{42} \quad \frac{4.4}{50}$$

$$\frac{13.3}{50} \quad \frac{12.2}{40} \quad \frac{6.3}{26} \quad \frac{5.3}{14} \quad \frac{4.8}{5} \quad 47 \quad \frac{47}{15} \quad \frac{4.8}{20} \quad \frac{6.2}{27-30} \quad \frac{5.0}{33} \quad \frac{2.4}{50}$$

$$\frac{10.1}{50} \quad \frac{9.3}{34} \quad \frac{5.9}{25} \quad \frac{4.6}{10} \quad \frac{4.5}{3} \quad 44 \quad \frac{4.5}{14} \quad \frac{5.1}{20} \quad \frac{5.9}{22-26} \quad \frac{2.5}{32} \quad \frac{1.6}{50}$$

$$\frac{2.5}{50} \quad \frac{4.2}{27} \quad \frac{4.4}{10} \quad \frac{4.0}{3} \quad 39 \quad \frac{4.4}{16} \quad \frac{4.8}{20} \quad \frac{5.2}{22-24} \quad \frac{2.6}{30} \quad \frac{2.8}{50}$$

$$\frac{3.1}{50} \quad \frac{3.5}{29} \quad \frac{4.1}{21} \quad \frac{3.7}{4} \quad 3.7 \quad \frac{4.2}{15} \quad \frac{4.7}{23} \quad \frac{5.9}{22} \quad \frac{6.2}{50}$$

$$\frac{5.4}{50} \quad \frac{5.6}{29} \quad \frac{4.4}{24} \quad \frac{4.4}{10} \quad \frac{3.8}{5} \quad 3.6 \quad \frac{4.1}{14} \quad \frac{4.9}{26} \quad \frac{7.7}{34} \quad \frac{8.5}{50}$$

$$\frac{6.9}{50} \quad \frac{7.5}{32} \quad \frac{4.7}{25} \quad \frac{3.6}{5} \quad 3.5 \quad \frac{4.0}{13} \quad \frac{4.5}{25} \quad \frac{7.3}{33} \quad \frac{8.5}{41} \quad \frac{8.5}{50}$$

$$\frac{3.7}{50} \quad \frac{4.2}{41} \quad \frac{5.3}{28} \quad \frac{4.3}{26} \quad \frac{3.5}{6} \quad 3.4 \quad \frac{3.8}{13} \quad \frac{4.3}{25} \quad \frac{7.9}{34} \quad \frac{8.1}{40} \quad \frac{6.6}{50}$$

$$\frac{3.7}{50} \quad \frac{4.4}{34} \quad \frac{4.9}{28} \quad \frac{4.6}{25} \quad \frac{3.3}{6} \quad 3.2 \quad \frac{3.5}{13} \quad \frac{3.4}{26} \quad \frac{5.1}{30} \quad \frac{5.7}{39} \quad \frac{4.4}{50}$$

$$\frac{3.7}{50} \quad \frac{4.6}{35} \quad \frac{4.8}{26} \quad \frac{4.1}{20} \quad \frac{3.3}{5} \quad 3.2 \quad \frac{3.4}{13} \quad \frac{3.3}{27} \quad \frac{1.2}{50}$$

$$\frac{4.1}{50} \quad \frac{4.7}{44} \quad \frac{4.7}{29} \quad \frac{3.9}{26} \quad \frac{3.2}{6} \quad 2.9 \quad \frac{3.0}{13} \quad \frac{2.8}{28} \quad \frac{1.7}{32} \quad \frac{0.0}{50}$$

$$\frac{11.2}{50} \quad \frac{11.1}{31} \quad \frac{10.3}{26} \quad \frac{10.4}{6} \quad 10.1 \quad \frac{10.4}{13} \quad \frac{11.0}{20} \quad \frac{11.6}{21-24} \quad \frac{10.6}{27} \quad \frac{3.7}{46} \quad \frac{2.8}{50}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

920.88

345+50

346

+30

+65

347

T.P.

0.66

913.11

8.43

912.45

346+65

347

+50

+70

348

+40

+71



Lt.

K

Rt

|                  |                  |                  |                  |                  |     |                   |                   |                   |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|-----|-------------------|-------------------|-------------------|------------------|------------------|------------------|
| $\frac{7.0}{50}$ | $\frac{8.3}{32}$ | $\frac{9.8}{25}$ | $\frac{9.9}{12}$ | $\frac{10.0}{6}$ | 9.9 | $\frac{10.3}{14}$ | $\frac{10.8}{20}$ | $\frac{11.2}{21}$ | $\frac{9.3}{28}$ | $\frac{0.8}{45}$ | $\frac{0.8}{50}$ |
|------------------|------------------|------------------|------------------|------------------|-----|-------------------|-------------------|-------------------|------------------|------------------|------------------|

|                  |                  |                   |                   |                  |      |                   |                   |                   |                  |                  |
|------------------|------------------|-------------------|-------------------|------------------|------|-------------------|-------------------|-------------------|------------------|------------------|
| $\frac{6.7}{50}$ | $\frac{7.7}{36}$ | $\frac{10.5}{25}$ | $\frac{10.2}{15}$ | $\frac{10.2}{7}$ | 10.2 | $\frac{10.5}{15}$ | $\frac{11.0}{21}$ | $\frac{10.0}{28}$ | $\frac{2.1}{43}$ | $\frac{2.0}{50}$ |
|------------------|------------------|-------------------|-------------------|------------------|------|-------------------|-------------------|-------------------|------------------|------------------|

|                  |                  |                   |                   |                  |      |                   |                   |                   |                  |                  |                  |
|------------------|------------------|-------------------|-------------------|------------------|------|-------------------|-------------------|-------------------|------------------|------------------|------------------|
| $\frac{7.7}{50}$ | $\frac{7.7}{37}$ | $\frac{10.9}{24}$ | $\frac{10.5}{16}$ | $\frac{10.3}{7}$ | 10.1 | $\frac{10.5}{13}$ | $\frac{10.7}{19}$ | $\frac{11.3}{22}$ | $\frac{9.9}{29}$ | $\frac{2.6}{42}$ | $\frac{2.3}{50}$ |
|------------------|------------------|-------------------|-------------------|------------------|------|-------------------|-------------------|-------------------|------------------|------------------|------------------|

|                  |                  |
|------------------|------------------|
| $\frac{3.2}{41}$ | $\frac{3.3}{50}$ |
|------------------|------------------|

|                  |                  |
|------------------|------------------|
| $\frac{4.9}{39}$ | $\frac{4.5}{50}$ |
|------------------|------------------|

|                  |                  |                  |                 |     |                  |                  |                  |                  |
|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|
| $\frac{5.6}{50}$ | $\frac{4.5}{34}$ | $\frac{3.1}{27}$ | $\frac{2.7}{7}$ | 2.6 | $\frac{2.8}{10}$ | $\frac{3.2}{18}$ | $\frac{3.6}{22}$ | $\frac{2.2}{28}$ |
|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|

|                  |                  |                  |                 |     |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|
| $\frac{6.9}{50}$ | $\frac{6.1}{32}$ | $\frac{4.3}{25}$ | $\frac{3.2}{7}$ | 3.1 | $\frac{3.4}{14}$ | $\frac{3.8}{19}$ | $\frac{4.2}{21}$ | $\frac{3.0}{23}$ | $\frac{2.7}{27}$ |
|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|

|                  |                  |                  |                 |     |                  |                  |                  |                  |                   |                   |
|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|-------------------|-------------------|
| $\frac{7.3}{50}$ | $\frac{7.0}{33}$ | $\frac{4.9}{25}$ | $\frac{4.2}{7}$ | 4.0 | $\frac{4.5}{18}$ | $\frac{5.6}{21}$ | $\frac{4.4}{24}$ | $\frac{1.3}{28}$ | $\frac{10.2}{39}$ | $\frac{10.2}{50}$ |
|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|-------------------|-------------------|

|                  |                  |                  |                  |                 |     |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|------------------|
| $\frac{7.7}{50}$ | $\frac{7.0}{33}$ | $\frac{6.4}{29}$ | $\frac{5.3}{25}$ | $\frac{4.5}{7}$ | 4.4 | $\frac{5.0}{18}$ | $\frac{6.0}{22}$ | $\frac{5.0}{24}$ | $\frac{4.1}{27}$ | $\frac{1.5}{33}$ | $\frac{1.5}{50}$ |
|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|------------------|

|                  |                  |                  |                  |                 |     |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|------------------|
| $\frac{7.5}{50}$ | $\frac{6.6}{34}$ | $\frac{6.2}{28}$ | $\frac{5.5}{28}$ | $\frac{5.1}{7}$ | 5.1 | $\frac{5.4}{15}$ | $\frac{6.7}{22}$ | $\frac{5.2}{24}$ | $\frac{4.9}{28}$ | $\frac{3.9}{39}$ | $\frac{3.7}{50}$ |
|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|------------------|

|                  |                  |                  |                  |                  |                  |                 |     |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|
| $\frac{6.4}{50}$ | $\frac{6.4}{38}$ | $\frac{5.7}{33}$ | $\frac{7.4}{24}$ | $\frac{6.7}{21}$ | $\frac{6.1}{19}$ | $\frac{6.1}{9}$ | 5.8 | $\frac{6.4}{15}$ | $\frac{7.1}{25}$ | $\frac{5.8}{29}$ | $\frac{5.5}{33}$ | $\frac{3.9}{50}$ |
|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|

|                  |                  |                  |                  |                  |                 |     |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|
| $\frac{4.2}{50}$ | $\frac{3.6}{33}$ | $\frac{7.8}{24}$ | $\frac{6.9}{21}$ | $\frac{6.9}{18}$ | $\frac{6.7}{7}$ | 6.5 | $\frac{7.0}{18}$ | $\frac{7.8}{21}$ | $\frac{5.3}{24}$ | $\frac{5.3}{30}$ | $\frac{4.1}{50}$ |
|------------------|------------------|------------------|------------------|------------------|-----------------|-----|------------------|------------------|------------------|------------------|------------------|

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

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|  |  | 913.11 |  |  |
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|-----|--|--|--|--|
| 349 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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| 350 |  |  |  |  |
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|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 351 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |      |        |       |        |        |
|-----|------|--------|-------|--------|--------|
| B.M | 0.04 | 901.32 | 11.78 | 901.33 | 901.28 |
| 352 |      |        |       |        |        |

|     |  |  |  |  |  |
|-----|--|--|--|--|--|
| +50 |  |  |  |  |  |
|-----|--|--|--|--|--|

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| 353 |  |  |  |  |  |
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| +50 |  |  |  |  |  |
|-----|--|--|--|--|--|

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|-----|--|--|--|--|--|
| 354 |  |  |  |  |  |
|-----|--|--|--|--|--|

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|-----|--|--|--|--|--|
| +50 |  |  |  |  |  |
|-----|--|--|--|--|--|

Lt.

R

Rt

$$\frac{3.8}{50} \quad \frac{4.2}{34} \quad \frac{5.0}{31} \quad \frac{8.3}{25-21} \quad \frac{7.4}{17} \quad \frac{7.3}{8} \quad 7.0$$

$$\frac{7.3}{18} \quad \frac{8.1}{21-24} \quad \frac{4.5}{32} \quad \frac{4.9}{50}$$

$$\frac{4.7}{50} \quad \frac{4.8}{37} \quad \frac{8.9}{24-22} \quad \frac{8.1}{18} \quad \frac{7.9}{7} \quad 7.8 \quad \frac{8.0}{13} \quad \frac{8.5}{19} \quad \frac{9.2}{21-24} \quad \frac{7.0}{30} \quad \frac{6.8}{44} \quad \frac{6.3}{50}$$

$$\frac{7.2}{50} \quad \frac{7.5}{39} \quad \frac{6.6}{33} \quad \frac{9.9}{25-21} \quad \frac{9.4}{18} \quad \frac{9.1}{7} \quad 9.8 \quad \frac{9.2}{18} \quad \frac{10.2}{21-24} \quad \frac{7.7}{30} \quad \frac{6.9}{50}$$

$$\frac{11.2}{50} \quad \frac{11.0}{37} \quad \frac{10.1}{29} \quad \frac{10.9}{24-21} \quad \frac{10.2}{17} \quad 9.7 \quad \frac{10.2}{18} \quad \frac{11.1}{22-25} \quad \frac{9.3}{28} \quad \frac{9.1}{50}$$

$$\frac{10.5}{50} \quad \frac{10.9}{27} \quad \frac{11.8}{24-21} \quad \frac{10.8}{18} \quad 10.6 \quad \frac{11.2}{19} \quad \frac{12.1}{22-25} \quad \frac{11.0}{28} \quad \frac{11.6}{43} \quad \frac{11.3}{50}$$

$$\frac{10.2}{50} \quad \frac{10.7}{35} \quad \frac{10.7}{28} \quad \frac{12.6}{24-21} \quad \frac{11.7}{18} \quad \frac{11.6}{7} \quad 11.4 \quad \frac{11.8}{19} \quad \frac{13.1}{21-24} \quad \frac{11.5}{27} \quad \frac{11.6}{36} \quad \frac{12.6}{50}$$

SpK 11" 15" Twin Maple 28' Stg 35' + 70'

$$\frac{0.0}{50} \quad \frac{0.7}{27} \quad \frac{1.7}{24} \quad \frac{1.7}{20} \quad \frac{1.0}{19} \quad \frac{0.6}{8} \quad 0.5 \quad \frac{0.7}{14} \quad \frac{1.8}{20} \quad \frac{2.5}{23-25} \quad \frac{1.4}{27} \quad \frac{2.7}{50}$$

$$\frac{+0.2}{50} \quad \frac{1.2}{28} \quad \frac{2.5}{24-21} \quad \frac{1.7}{19} \quad \frac{1.7}{8} \quad 1.5 \quad \frac{1.8}{12} \quad \frac{2.3}{19} \quad \frac{3.0}{21-23} \quad \frac{2.0}{27} \quad \frac{3.2}{50}$$

$$\frac{2.3}{50} \quad \frac{2.4}{27} \quad \frac{3.3}{24-21} \quad \frac{2.9}{20} \quad \frac{2.5}{8} \quad 2.3 \quad \frac{2.6}{13} \quad \frac{3.2}{23} \quad \frac{4.1}{37} \quad \frac{3.5}{50}$$

$$\frac{2.4}{50} \quad \frac{3.5}{36} \quad \frac{3.7}{26} \quad \frac{4.3}{23} \quad \frac{3.6}{18} \quad \frac{3.2}{9} \quad 2.9 \quad \frac{3.2}{12} \quad \frac{4.4}{33} \quad \frac{3.6}{50}$$

$$\frac{3.2}{50} \quad \frac{4.2}{27} \quad \frac{4.8}{23} \quad \frac{4.2}{19} \quad \frac{3.6}{9} \quad 3.4 \quad \frac{3.5}{12} \quad \frac{4.2}{23} \quad \frac{5.0}{30} \quad \frac{4.7}{50}$$

$$\frac{4.7}{50} \quad \frac{4.4}{26} \quad \frac{5.4}{23-21} \quad \frac{4.4}{18} \quad \frac{4.2}{9} \quad 3.9 \quad \frac{4.1}{12} \quad \frac{4.2}{24} \quad \frac{4.9}{35} \quad \frac{5.2}{50}$$

| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|-----|---|----------|---|------|

|  |  |        |  |  |
|--|--|--------|--|--|
|  |  | 901.32 |  |  |
|--|--|--------|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 355 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 356 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 357 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

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|-----|--|--|--|--|
| 358 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| 359 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 8.82 | 901.45 | 8.69 | 892.63 |
|------|------|--------|------|--------|

|     |  |  |  |  |
|-----|--|--|--|--|
| 360 |  |  |  |  |
|-----|--|--|--|--|

|     |  |  |  |  |
|-----|--|--|--|--|
| +50 |  |  |  |  |
|-----|--|--|--|--|

Lt      R      Rt

$$\frac{5.3}{50} \quad \frac{4.7}{27} \quad \frac{5.8}{23-20} \quad \frac{5.0}{18} \quad \frac{4.9}{9} \quad 4.6 \quad \frac{4.7}{11} \quad \frac{4.8}{35} \quad \frac{4.3}{50}$$

$$\frac{6.6}{50} \quad \frac{5.4}{27} \quad \frac{6.7}{24-22} \quad \frac{5.9}{19} \quad \frac{5.7}{10} \quad 5.4 \quad \frac{5.6}{11} \quad \frac{6.3}{33} \quad \frac{7.1}{50}$$

$$\frac{8.7}{50} \quad \frac{8.1}{34} \quad \frac{7.2}{24-22} \quad \frac{6.7}{18} \quad \frac{6.2}{9} \quad 6.0 \quad \frac{6.2}{22} \quad \frac{7.9}{30} \quad \frac{8.3}{34} \quad \frac{8.5}{50}$$

$$\frac{9.3}{50} \quad \frac{8.9}{33} \quad \frac{8.3}{29} \quad \frac{7.2}{27} \quad \frac{6.6}{9} \quad 6.3 \quad \frac{6.5}{11} \quad \frac{7.3}{25} \quad \frac{7.2}{30} \quad \frac{9.8}{50}$$

$$\frac{12.0}{50} \quad \frac{11.7}{34} \quad \frac{8.2}{25} \quad \frac{7.1}{9} \quad 6.7 \quad \frac{7.3}{12} \quad \frac{8.6}{25} \quad \frac{11.1}{31} \quad \frac{11.6}{36} \quad \frac{11.4}{50}$$

$$\frac{12.7}{50} \quad \frac{12.4}{34} \quad \frac{9.5}{26} \quad \frac{7.5}{9} \quad 7.2 \quad \frac{7.7}{11} \quad \frac{8.6}{24} \quad \frac{11.8}{31} \quad \frac{12.5}{50}$$

$$\frac{13.0}{50} \quad \frac{12.8}{33} \quad \frac{9.6}{26} \quad \frac{7.9}{9} \quad 7.7 \quad \frac{8.2}{13} \quad \frac{9.3}{25} \quad \frac{12.2}{31} \quad \frac{12.6}{50}$$

$$\frac{13.0}{50} \quad \frac{12.9}{33} \quad \frac{9.9}{24} \quad \frac{8.6}{9} \quad 8.4 \quad \frac{8.9}{12} \quad \frac{10.0}{25} \quad \frac{12.1}{31} \quad \frac{12.8}{35} \quad \frac{12.7}{50}$$

$$\frac{12.8}{50} \quad \frac{13.2}{44} \quad \frac{12.7}{33} \quad \frac{10.1}{25} \quad \frac{8.7}{10} \quad 8.4 \quad \frac{8.8}{13} \quad \frac{9.7}{23} \quad \frac{12.2}{32} \quad \frac{12.8}{34} \quad \frac{13.0}{50}$$

$$\frac{12.7}{50} \quad \frac{13.1}{45} \quad \frac{12.5}{32} \quad \frac{8.9}{23} \quad \frac{7.9}{10} \quad 7.4 \quad \frac{8.1}{12} \quad \frac{9.0}{25} \quad \frac{12.0}{34} \quad \frac{12.7}{39} \quad \frac{12.5}{50}$$

$$\frac{11.4}{50} \quad \frac{11.1}{36} \quad \frac{10.3}{30} \quad \frac{7.9}{24} \quad \frac{6.8}{9} \quad 6.6 \quad \frac{7.2}{12} \quad \frac{8.6}{24} \quad \frac{11.4}{33} \quad \frac{12.3}{50}$$

$$\frac{7.1}{50} \quad \frac{7.3}{31} \quad \frac{6.3}{21} \quad \frac{5.9}{10} \quad 5.7 \quad \frac{6.1}{13} \quad \frac{7.0}{24} \quad \frac{7.9}{31} \quad \frac{10.6}{42} \quad \frac{11.0}{50}$$



| Sta | + | $\pi$ | - | Elev |
|-----|---|-------|---|------|
|-----|---|-------|---|------|

901.45

361

+50

362

+50

363

|        |       |        |      |        |
|--------|-------|--------|------|--------|
| T.P.   | 11.75 | 913.18 | 0.02 | 901.43 |
| 361+50 |       |        |      |        |

362

+50

363

+50

364

+50

Lt

K

Rt

$$\frac{1.6}{50} \quad \frac{1.0}{38} \quad \frac{1.4}{33} \quad \frac{4.1}{28} \quad \frac{5.6}{22} \quad \frac{5.0}{18} \quad \frac{4.8}{7} \quad 46 \quad \frac{5.1}{13} \quad \frac{5.6}{26} \quad \frac{7.1}{29} \quad \frac{9.3}{50}$$

$$\frac{2.8}{28} \quad \frac{4.4}{22-20} \quad \frac{3.9}{16} \quad \frac{3.6}{8} \quad 3.4 \quad \frac{3.9}{13} \quad \frac{4.1}{19} \quad \frac{4.6}{21-24} \quad \frac{2.4}{31} \quad \frac{2.3}{36} \quad \frac{3.9}{50}$$

$$\frac{0.2}{31} \quad \frac{2.8}{20} \quad \frac{2.4}{8} \quad 2.2 \quad \frac{2.7}{19} \quad \frac{3.1}{20} \quad \frac{2.2}{27}$$

$$\frac{0.4}{54} \quad \frac{2.0}{20} \quad \frac{1.4}{17} \quad \frac{1.3}{8} \quad 1.1 \quad \frac{1.5}{13} \quad \frac{2.1}{22} \quad \frac{0.3}{28}$$

$$\frac{0.0}{27} \quad \frac{1.0}{22-20} \quad \frac{0.4}{17} \quad \frac{0.4}{8} \quad 0.2 \quad \frac{0.6}{13} \quad \frac{0.9}{18} \quad \frac{1.6}{21-23} \quad \frac{0.0}{28}$$

$$\frac{4.1}{65} \quad \frac{5.4}{50} \quad \frac{5.9}{43}$$

$$\frac{10.6}{65} \quad \frac{10.6}{50}$$

$$\frac{8.3}{40} \quad \frac{8.9}{50} \quad \frac{10.2}{60}$$

$$\frac{11.5}{65} \quad \frac{11.9}{50}$$

$$\frac{5.5}{42} \quad \frac{6.0}{50} \quad \frac{7.2}{65}$$

$$\frac{10.3}{65} \quad \frac{0.4}{49}$$

$$\frac{6.4}{39} \quad \frac{6.7}{50} \quad \frac{8.5}{65}$$

$$\frac{1.1}{65} \quad \frac{2.3}{43} \quad \frac{12.8}{24-21} \quad \frac{12.2}{19} \quad \frac{11.9}{9} \quad 11.8 \quad \frac{12.3}{13} \quad \frac{13.0}{21} \quad \frac{11.8}{27} \quad \frac{9.2}{33} \quad \frac{11.3}{50}$$

$$\frac{3.1}{65} \quad \frac{4.7}{41}$$

$$\frac{4.7}{60} \quad \frac{7.8}{38}$$

Sta      +      A      -      Elev

913.18

365

+45

+73

T.P      1.52      902.95      11.75      901.43

364

+50

365

+45

+73

+90

+92

12" C M

366

+06.45

± Arcade

B.M

10.73 892.22 892.24

Lt

2

Rt

$$\frac{7.8}{60} \quad \frac{10.5}{27}$$

$$\frac{9.6}{60} \quad \frac{11.0}{40}$$

$$\frac{9.6}{66}$$

$$\frac{7.3}{50} \quad \frac{47}{37} \quad \frac{34}{26} \quad \frac{3.8}{23-21} \quad \frac{2.7}{13} \quad 2.2 \quad \frac{2.3}{9} \quad \frac{1.8}{16} \quad \frac{2.1}{21} \quad \frac{1.1}{28}$$

$$\frac{4.7}{25-20} \quad \frac{41}{17} \quad 40 \quad \frac{47}{14} \quad \frac{5.2}{25} \quad \frac{7.7}{32} \quad \frac{8.8}{37} \quad \frac{10.7}{50}$$

$$\frac{7.4}{26} \quad \frac{9.6}{21} \quad \frac{6.9}{18} \quad \frac{6.7}{9} \quad 6.4 \quad \frac{6.9}{12} \quad \frac{7.5}{23} \quad \frac{11.2}{33} \quad \frac{13.5}{50}$$

$$\frac{9.1}{28} \quad \frac{9.0}{18} \quad \frac{9.0}{10} \quad 8.8 \quad \frac{9.8}{19} \quad \frac{10.6}{26} \quad \frac{13.1}{22} \quad \frac{14.7}{39} \quad \frac{16.0}{50}$$

$$\frac{7.6}{54} \quad \frac{8.2}{47} \quad \frac{9.4}{43} \quad \frac{10.2}{29} \quad 10.2 \quad \frac{10.8}{12} \quad \frac{11.2}{16} \quad \frac{10.8}{20-24} \quad \frac{14.6}{36} \quad \frac{15.5}{50}$$

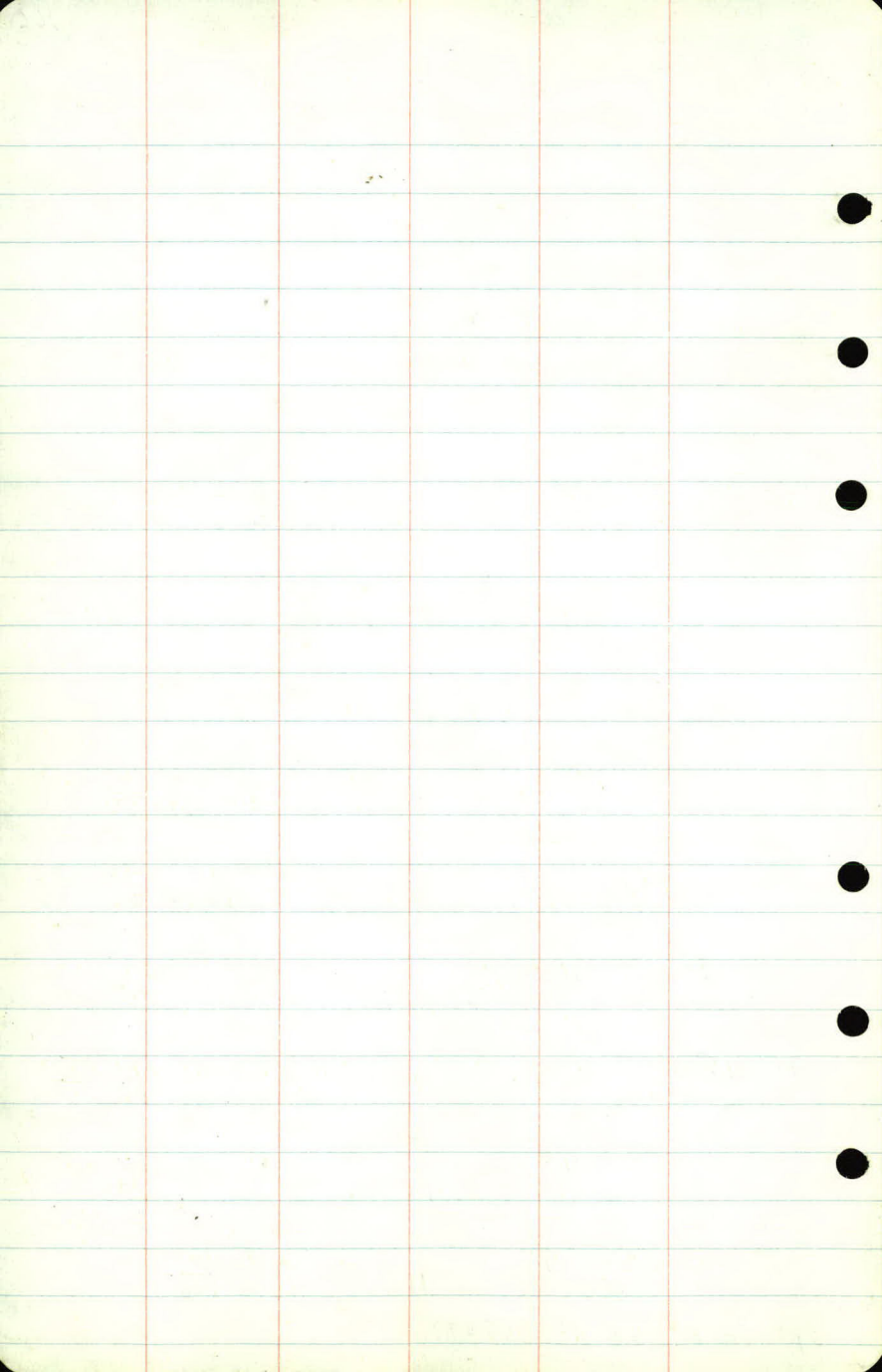
$$\frac{10.7}{50} \quad \frac{11.0}{41} \quad \frac{10.4}{30} \quad \frac{10.3}{16} \quad 10.8 \quad \frac{12.1}{21} \quad \frac{12.9}{35} \quad \frac{13.8}{50}$$

$$\frac{11.1}{50} \quad \overset{\text{Inv}}{\frac{11.5}{42}} \quad \frac{10.5}{41} \quad \frac{10.4}{30} \quad \frac{10.3}{16} \quad 10.8 \quad \frac{12.1}{21} \quad \frac{12.8}{33} \quad \overset{\text{Inv}}{\frac{14.5}{35}} \quad \frac{14.3}{35} \quad \frac{15.0}{50}$$

$$\frac{9.8}{50} \quad 11.0 \quad \frac{13.0}{50}$$

$$\frac{8.7}{50} \quad \frac{9.7}{50} \quad 11.0 \quad \frac{12.7}{50} \quad \frac{14.4}{100}$$

Spk in P.P 28' Rt 365+80





Drainage Survey

South Side Co Rd "B"

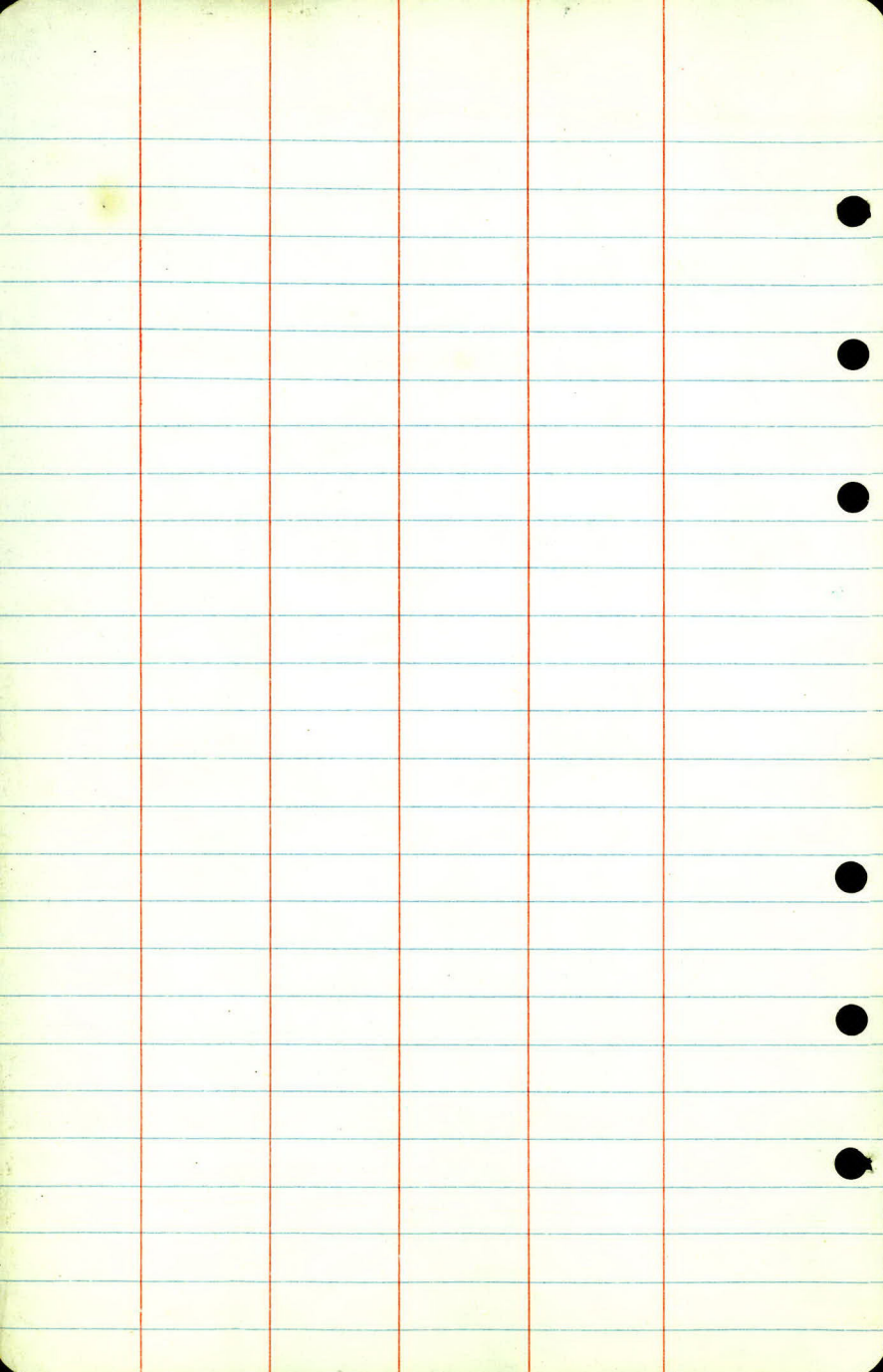
From 800' West of Snelling To  
Snelling

9/19/41

HAW

AM

L. L.



Align

sta

Pt.

$\Delta L$

$\Delta R$

105+67.80

P.1

0°31'

$\pm$  Snelling

87+00

P.O.T.

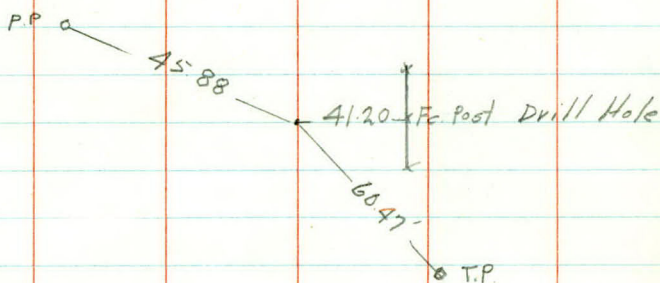
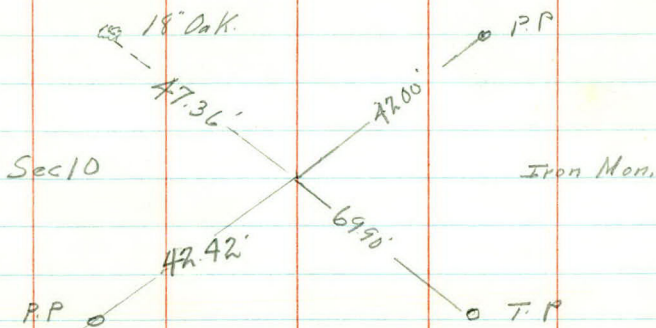
49+37.50

P.1

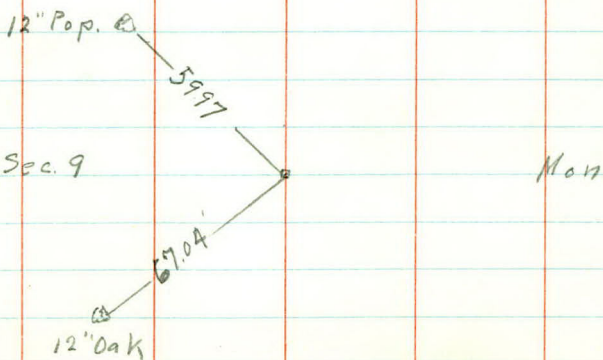
0°02'

$\pm$  New Brighton Rd.

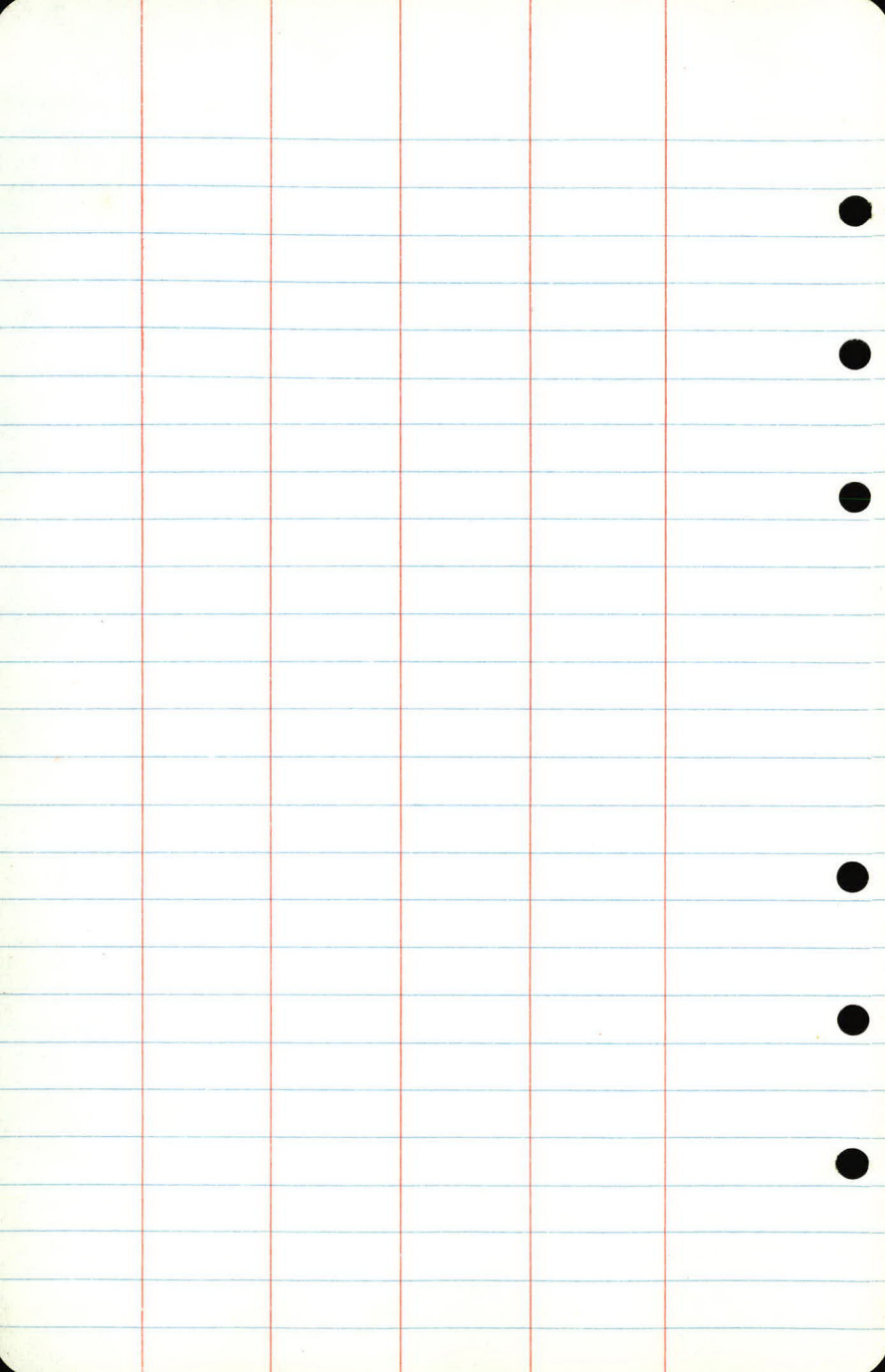
S.W. Cor. Sec. 10



5/4 Cor. Sec. 9







Topography

103

102

101

100

99

98

97

26' I.C.C. Pavement

+95 Beg Hedge 30'

+78 Fc Cor. 29'

+65 B.E. 40'

+55 T.P. 25'

+87 Beg Fc 30'

+62 Ent.  
15'x20' CM 25'

+25 T.P. 26'

+13 Spruce 42'

+10 2 Spruce 39' 45'

+00 End Yard

+95 B.E. 23'

Yard

+54 Ent  
18'x26' CM 22'

+46 X Fc 33'

+32 End orchard 44'

+00 Beg Orchard 44'

+88 T.P. 27'

+81 Ent 18'x26' CM  
21

+71 End Hedge 34'

Yard

+17 12'x6' CM 15'

1'x8' Spill

+16 Cor Hedge 34'

+12 Stump 36'

+10 X Fc. 32'

+86 16' Oak 37'

+56 T.P. 27'

+26 16' Oak 37'

+90 End Swp. 16'-135'

+32 T.P. 28'

Swp 22'-250'

+10 Beg Swp 27'-60'

22'  
24'  
218'

248'

22' +19 15"X40' Conc X Drain

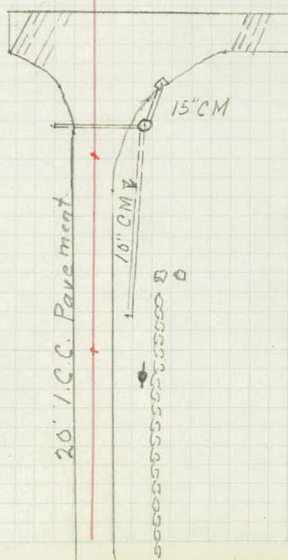
105

104

103

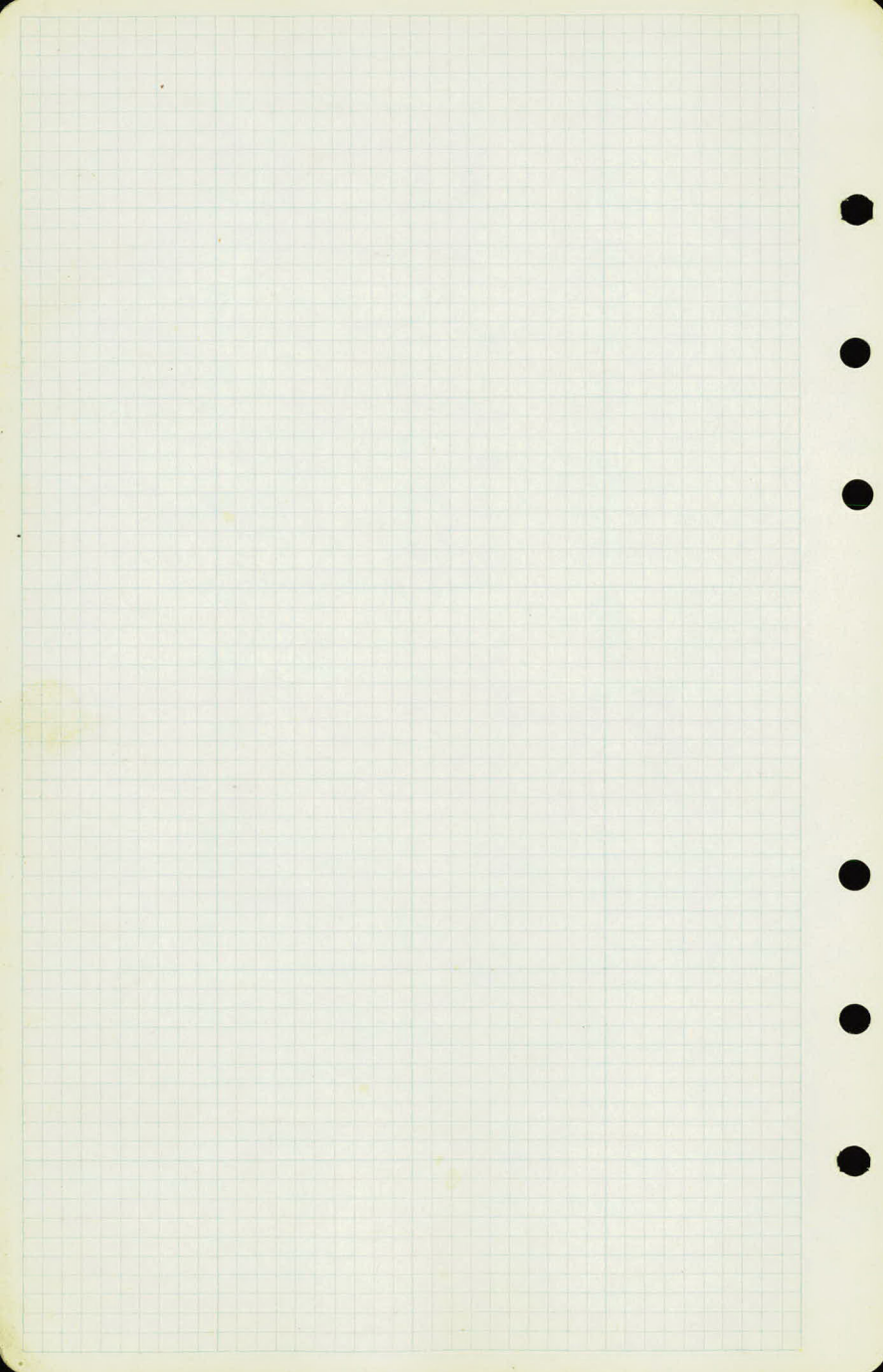


+57 End Rad 43'  
 +38 Rad 18'  
 +19 End 15" Cornc Pipe 22'  
 +14 Beg Rad.



+57 End Rad 68'  
 +38 Drop Inlet 34'  
 +30 Rad 28'  
 +17 M.H. 26'  
 +02 T.P. 27'  
 +82 Beg Rad

+39 2 Pop. 33' 43'  
 +29 End Hedge 33'  
 +17 End 16" CM 17'  
 +87 T.P. 26



586E 7

Cross Sections

| Sta   | +    | $\Delta$ | -    | Elev          |
|-------|------|----------|------|---------------|
| B.M.  | 0.55 | 979.70   |      | 979.15        |
|       | 3.18 | 973.29   | 9.59 | 970.11.       |
| B.M.  | 4.09 | 969.67   | 7.71 | 965.58        |
| 96+00 |      |          |      | 66.97         |
| +50   |      |          |      | 67.33 ? 66.33 |
| 97    |      |          |      | 65.81         |
| +50   |      |          |      | 65.39         |
| 98    |      |          |      | 64.77         |
| +43   |      |          |      | 64.31         |
| +59   |      |          |      | 64.19         |
| +74   |      |          |      | 64.00         |
| 99    |      |          |      | 63.70         |
| +10   |      |          |      | 63.64         |
| +50   |      |          |      | 63.21         |

2

R4.

SpK P.P. 33' Lt Sta 89+96

SpKin T.P 29 Rt Sta 96+02

$$2.70 \quad \frac{2.94}{10} \quad \frac{3.5}{16} \quad \frac{5.4}{29} \quad \frac{7.2}{36} \quad \frac{7.7}{62} \quad \frac{8.1}{75}$$

7.3.34 (2.3)  $\frac{2.34}{10} \quad \frac{3.54}{10} \quad \frac{3.8}{14} \quad \frac{7.3}{21} \quad \frac{8.5}{42} \quad \frac{8.3}{60} \quad \frac{7.9}{75}$

(3.9)  $\frac{3.86}{10} \quad \frac{4.06}{10} \quad \frac{4.3}{14} \quad \frac{7.0}{21} \quad \frac{8.3}{31} \quad \frac{8.7}{60} \quad \frac{8.7}{75} \quad \frac{10.5}{200} \text{ Low spot}$

(4.3)  $\frac{4.28}{10} \quad \frac{4.56}{10} \quad \frac{4.8}{14} \quad \frac{7.7}{19} \quad \frac{8.6}{27} \quad \frac{9.7}{47} \quad \frac{9.4}{60} \quad \frac{7.3}{45}$

4.90  $\frac{5.10}{10} \quad \frac{5.3}{15} \quad \frac{7.6}{19-20} \quad \frac{8.1}{34} \quad \frac{6.4}{60} \quad \frac{5.5}{75}$

(5.4)  $\frac{5.36}{10} \quad \frac{5.46}{10} \quad \frac{5.9}{17} \quad \frac{7.4}{20} \quad \frac{7.3}{26} \quad \frac{2.0}{36} \quad \frac{1.3}{45} \quad \frac{0.5}{60} \quad \frac{+0.3}{75}$

(5.5)  $\frac{5.48}{10} \quad \frac{5.66}{10} \quad \frac{5.8}{18} \quad \frac{7.4}{21-22} \quad \frac{6.2}{23} \quad \frac{1.5}{34} \quad \frac{0.3}{37} \quad \frac{0.9}{60} \quad \frac{1.0}{75}$

(5.7)  $\frac{5.67}{10} \quad \frac{5.82}{10} \quad \frac{6.2}{18} \quad \frac{7.9}{23-24} \quad \frac{7.1}{26} \quad \frac{1.6}{33} \quad \frac{1.7}{43} \quad \frac{2.2}{60} \quad \frac{2.4}{75}$

6.00  $\frac{6.12}{10} \quad \frac{6.2}{18} \quad \frac{7.7}{22} \quad \frac{8.0}{29} \quad \frac{4.3}{33} \quad \frac{4.3}{60} \quad \frac{3.4}{75}$

(6.0)  $\frac{6.03}{10} \quad \frac{6.20}{10} \quad \frac{6.4}{17} \quad \frac{8.6}{20-22} \quad \frac{7.2}{23} \quad \frac{5.8}{30} \quad \frac{4.9}{46} \quad \frac{4.2}{60} \quad \frac{3.4}{75}$

(6.5)  $\frac{6.46}{10} \quad \frac{6.63}{10} \quad \frac{6.8}{16} \quad \frac{8.5}{20-21} \quad \frac{6.3}{26} \quad \frac{4.9}{60} \quad \frac{4.2}{75}$



| Sta | + | $\Delta$ | - | Elev |
|-----|---|----------|---|------|
|     |   | 969.67   |   |      |

|     |  |           |           |  |
|-----|--|-----------|-----------|--|
| +81 |  | Ent Culv. | 18" x 26" |  |
|-----|--|-----------|-----------|--|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 100 |  |  |  | 62.67 |
|-----|--|--|--|-------|

|      |      |        |      |        |
|------|------|--------|------|--------|
| T.P. | 2.61 | 965.18 | 7.10 | 962.57 |
|------|------|--------|------|--------|

|     |  |           |           |  |
|-----|--|-----------|-----------|--|
| +54 |  | Ent Culv. | 18" x 26" |  |
|-----|--|-----------|-----------|--|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 62.18 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 101 |  |  |  | 61.58 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 60.98 |
|-----|--|--|--|-------|

|     |  |           |           |  |
|-----|--|-----------|-----------|--|
| +62 |  | Ent Culv. | 15" x 20" |  |
|-----|--|-----------|-----------|--|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 102 |  |  |  | 60.45 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 59.96 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| 103 |  |  |  | 59.48 |
|-----|--|--|--|-------|

|     |  |  |  |       |
|-----|--|--|--|-------|
| +50 |  |  |  | 58.94 |
|-----|--|--|--|-------|

2

Pt.

7

60.93

8.74

8.94 <sup>60.73</sup>

Inv West End

Inv East End

7.00  $\frac{7.16}{70}$   $\frac{7.2}{75}$   $\frac{8.7}{19-21}$   $\frac{6.4}{27}$   $\frac{6.6}{60}$   $\frac{6.5}{75}$

59.82

5.36 Inv West End

58.58

6.60 Inv East End

3.00  $\frac{3.14}{70}$   $\frac{3.4}{76}$   $\frac{5.5}{20-22}$   $\frac{3.1}{27}$   $\frac{3.2}{60}$   $\frac{3.0}{75}$

3.60  $\frac{3.82}{70}$   $\frac{4.1}{77}$   $\frac{7.9}{23-25}$   $\frac{5.0}{32}$   $\frac{3.8}{40}$   $\frac{3.9}{60}$   $\frac{3.7}{75}$

4.20  $\frac{4.32}{70}$   $\frac{4.5}{75}$   $\frac{8.4}{23-27}$   $\frac{5.4}{34}$   $\frac{4.6}{60}$   $\frac{4.5}{75}$

56.62 8.56 Inv West End

56.42 8.76 Inv East End

(4.7)

4.73  $\frac{4.92}{70}$   $\frac{5.0}{74}$   $\frac{8.8}{22-26}$   $\frac{8.4}{28}$   $\frac{5.3}{34-37}$   $\frac{7.1}{41}$   $\frac{7.3}{49}$   $\frac{7.0}{60}$   $\frac{7.0}{75}$   $\frac{6.0}{150}$

(5.2)

5.22  $\frac{5.41}{70}$   $\frac{5.6}{76}$   $\frac{8.3}{22}$   $\frac{9.0}{23-25}$   $\frac{7.8}{28}$   $\frac{6.7}{48}$   $\frac{7.7}{60}$   $\frac{7.7}{75}$

5.70  $\frac{5.90}{70}$   $\frac{6.2}{76}$   $\frac{9.4}{24-26}$   $\frac{7.1}{29}$   $\frac{6.7}{38-40}$   $\frac{7.4}{42}$   $\frac{6.7}{60}$   $\frac{6.7}{75}$

(6.2)

6.24  $\frac{6.42}{70}$   $\frac{6.4}{79}$   $\frac{9.7}{24-28}$   $\frac{7.0}{31}$   $\frac{6.8}{38}$   $\frac{4.8}{60}$

| Sta  | +    | $\pi$                        | -    | Elev   |        |
|------|------|------------------------------|------|--------|--------|
|      |      | 965.18                       |      |        |        |
| 104  |      |                              |      | 58.44  |        |
| +17  |      | 10" C.M. Culv.               |      |        |        |
| +20  |      |                              |      | 58.26  |        |
| B.M. | 5.42 | 962.78                       | 7.86 | 957.32 | 957.36 |
| +50  |      |                              |      | 58.08  |        |
| 105  |      |                              |      | 57.54  |        |
|      |      |                              |      | 58.18  |        |
|      |      |                              |      | 57.747 |        |
| +44  |      | Ditch West Side Snelling Ave |      |        |        |
|      |      | Drains North                 |      |        |        |
|      |      |                              |      | 10.9   |        |

\$

Pt.

(6.7)

6.74  $\frac{6.94}{10}$   $\frac{7.0}{20}$   $\frac{9.9}{23.25}$   $\frac{7.4}{28}$   $\frac{6.7}{34}$   $\frac{4.2}{60}$

55.25

9.93 Inv West End

(6.9)

6.92  $\frac{7.12}{10}$   $\frac{7.2}{20}$   $\frac{6.9}{32}$   $\frac{4.4}{60}$

Top S.F. Cor of M.H. Top

4.70  $\frac{4.90}{10}$   $\frac{4.6}{28}$   $\frac{3.8}{34}$   $\frac{2.2}{60}$

(5.2)

5.24  $\frac{5.38}{10}$   $\frac{5.2}{23}$   $\frac{4.4}{47}$

54.18 8.60 Inv 10" CM in M.H

53.88 8.90 Inv 15" Conc. in M.H

53.88 8.90 Inv 15" Conc. North End

(5.0)

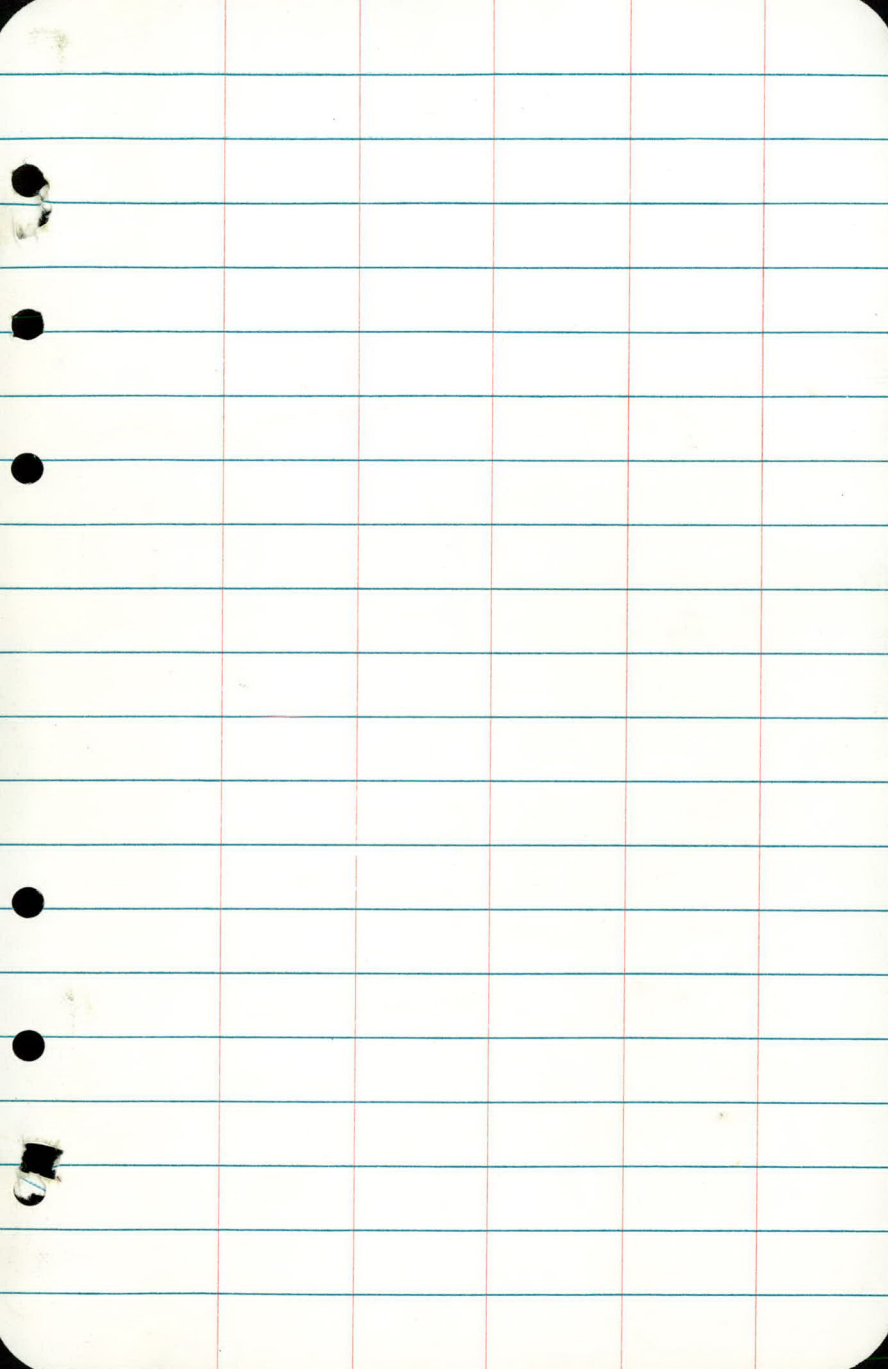
$\frac{9.6}{100}$   $\frac{8.5}{50}$   $\frac{7.7}{41}$   $\frac{5.6}{23}$   $\frac{5.30}{10}$  5.04  $\frac{5.4}{28}$   $\frac{5.3}{41}$   $\frac{5.2}{50}$

$\frac{10.9}{150}$



1  
BM





| Lenker Rod |         |                                |
|------------|---------|--------------------------------|
| Sta        | Elev    |                                |
| BM         | 946.70  | Top Mon "B" + McMenamy         |
| BM         | 948.43  | Top Hyd S.W. Cor " + B         |
| TP         | 939.575 |                                |
| TBM        | 930.18  | Nail in PP NE Cor S/each + B   |
| BM         | 927.10  | Top Hyd SW Cor " "             |
| TP         | 921.43  |                                |
| TP         | 912.54  |                                |
| BM         | 903.76  | Top Hyd SE Cor Mississippi + B |
| TBM        | 894.61  | Nail in PP E. of Bridge on B   |
| TP         | 885.97  |                                |
| BM         | 882.89  |                                |
| BM         | 877.50  | 2 Nails in PP S. side B        |
| BM         | 879.775 | Spike in PP By WW Gate         |
| T.P.       | 878.75  |                                |
| T.P.       | 881.60  | stake                          |
| E Rail     | 888.63  |                                |
| W Rail     | 898.625 |                                |
| BM         | 897.46  | Top Hyd                        |
|            | 899.51  |                                |