

BK. 120

DR. 16

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN Survey

COUNTY RD. A-2

From RICE ST. To ARCADE ST.

Road Acc't. No. 28

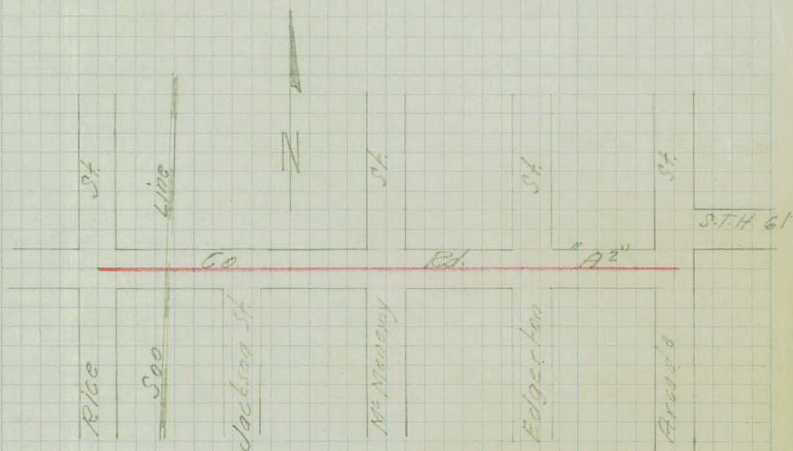
ate Filed 1-31-45 File

3 to 11 + 23

0450 to 2475

PLAN SURVEY
CO. RD. "A2"

Rice St. to Arcade St.



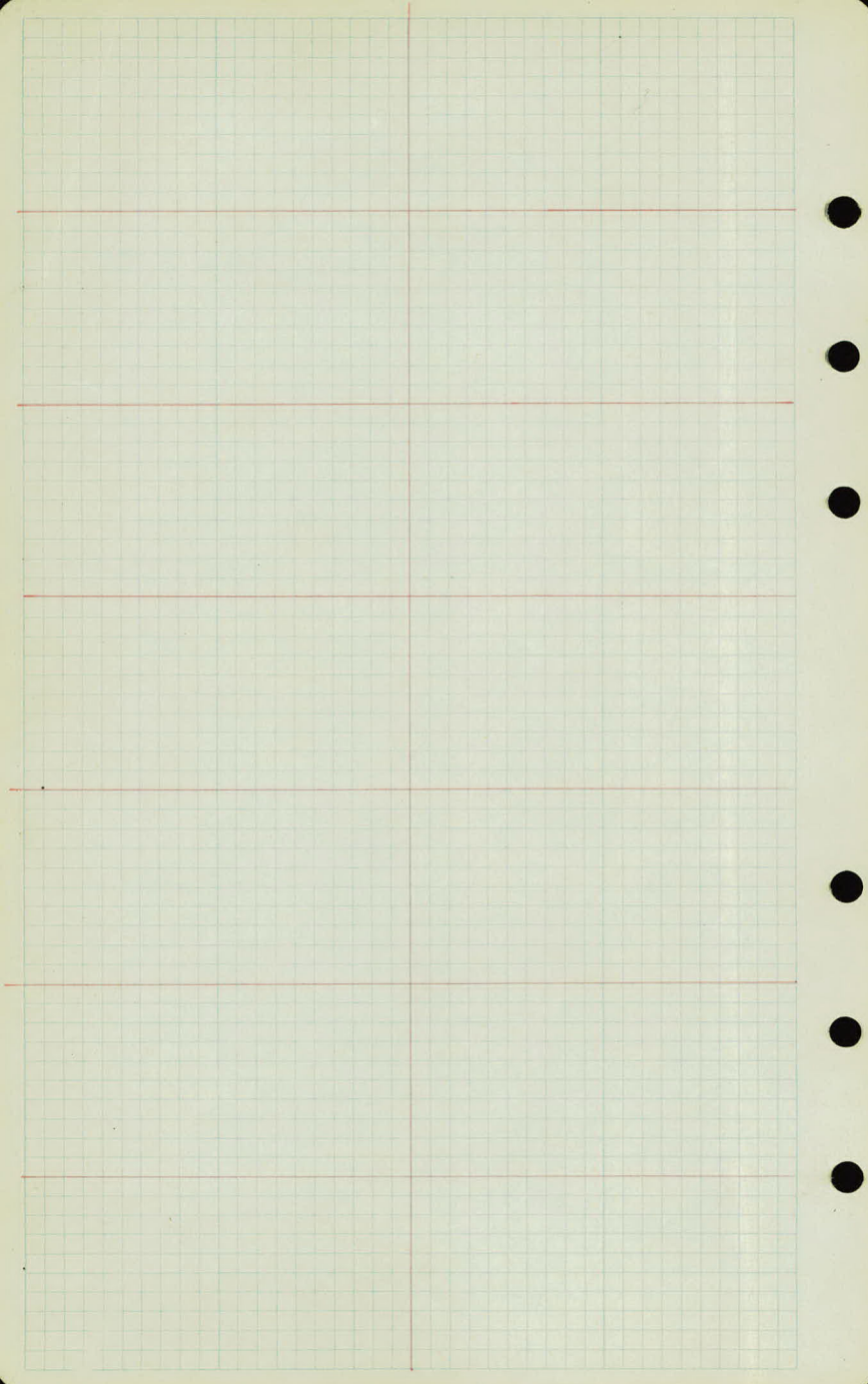
INDEX

Align	Proc 1-3
Topog	4-20
Bench Levels	21-23
X Sections	24-25

Survey Completed 9/4/44

Date Rec'd in

Office 10/3/44
Plans Completed 1/26/45



Alignment

Sta	Point	Alt	Ref
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50+42.17	P.L.	0°50'	E Mc Menamy St.
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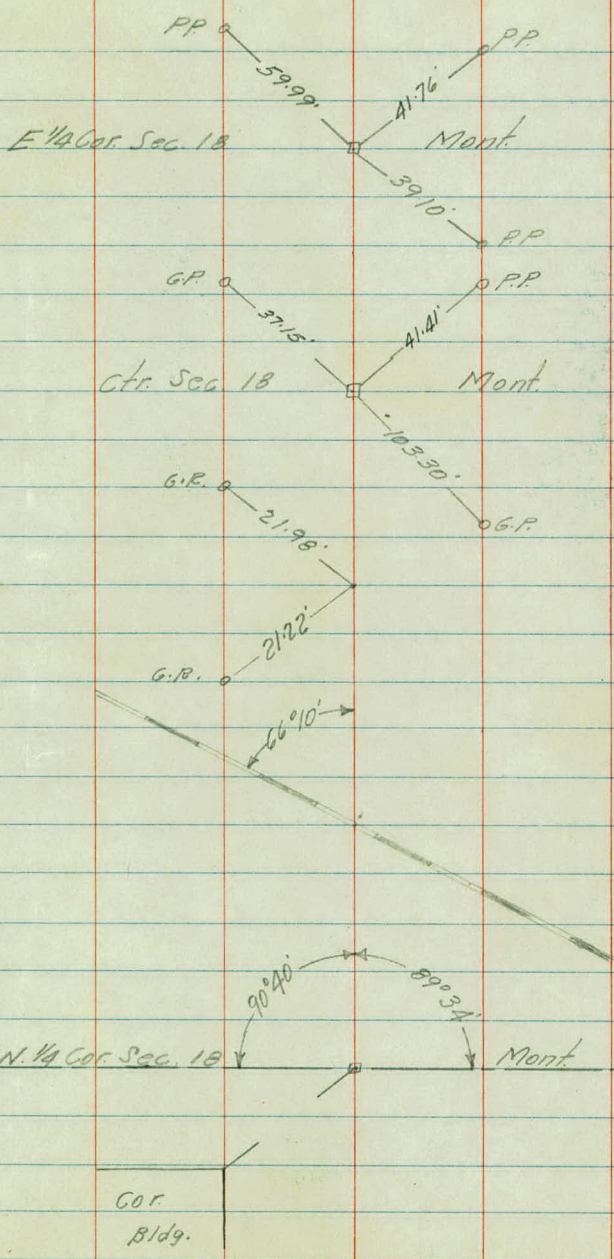
24+13.77	P.O.T.		
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17+00	P.O.T.		
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<u>9+28.13</u>	P.O.T.	=	Soo Line Track
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0+00	=	Rice St.	
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8-14-44



Sta	Point	Δ Lf	Δ Rt
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102+79.92		E S.T.H. 61	
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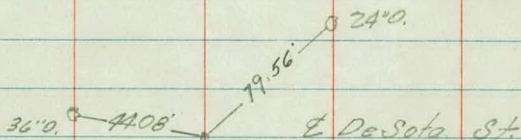
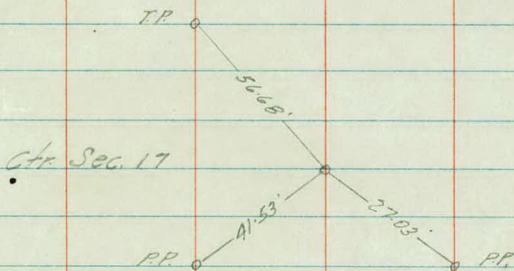
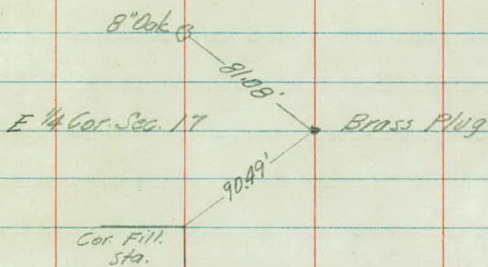
96 +00	P.O.T.		
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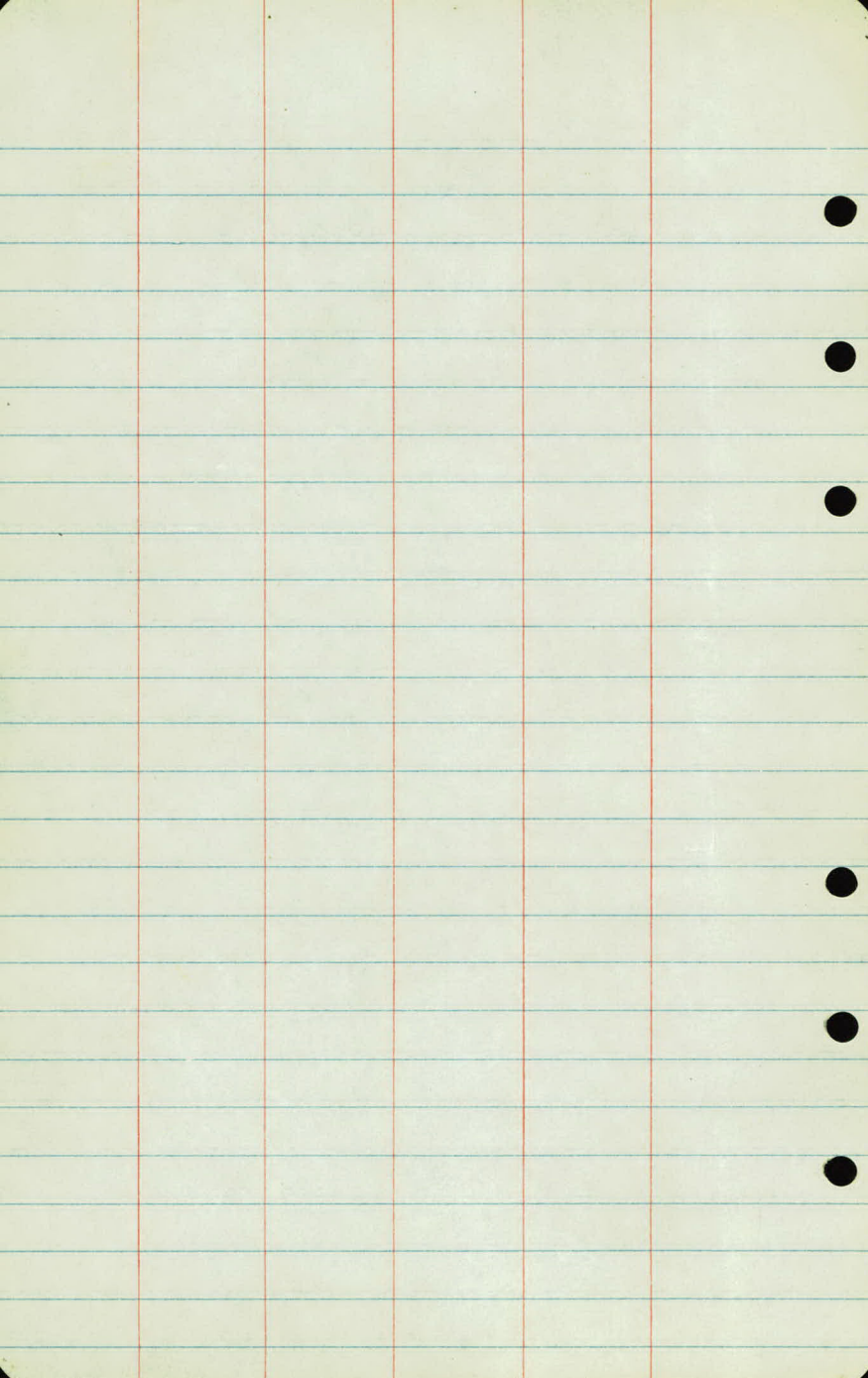
76 +60.10	P.O.T.	E Edgerton St	
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63 +51.27	P.O.T.		
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6-14-44

3





Topography

+24 Cor. Barn - 30' + Fe.
+17 P.P. - 15

5 110-Ent. 9'

467-15" Tw. B.E. - 38'
454-15" B.E. - 35'

147-N.W. Cor. Ho. - 90'

4 10 9' G.R. 11' Fe-27' S.B.E.-34'

+ 84-6" Two B.E. - 35'
+ 57-80g. G.B. - 11'
+ 30-80g. Fe - 24'
+ 108 & 2" Br. Drums - 23'-29'

+90-Fc Cor. - 32' →
+92-Range Tie to Fc

2	FC-32'	11'	12'
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436-PA-18'

1 12' 12'

138 EC 20.5

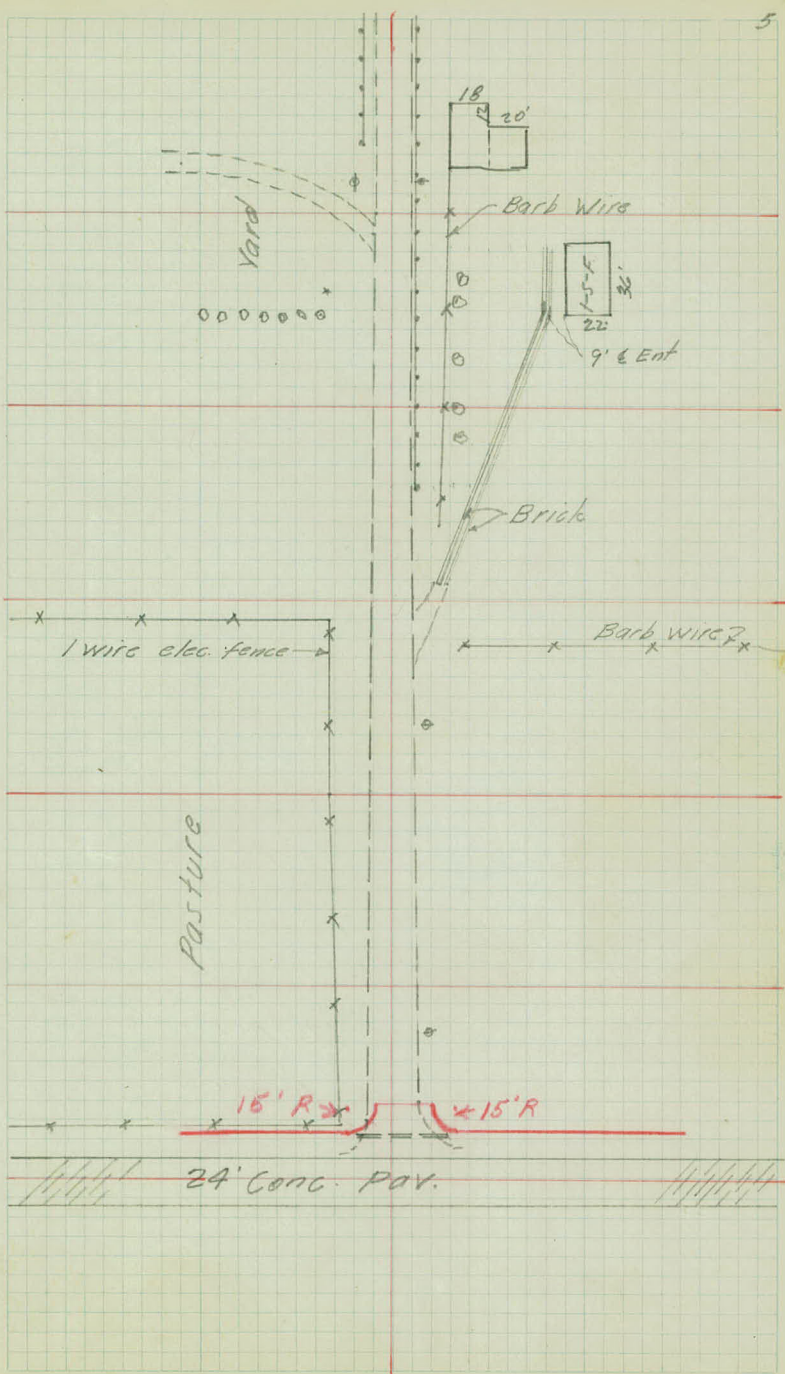
176-P.R.-18

+23 ER 32.5

+40-Rd. 13'

+22-18" CORC. X DRAIN = 18'-28' + 130-COR. PAR. 32.2
+146-EDGE PAR. = 32.2

1106-Edge Pkwy.	-32.2
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+43-4" Cedar - 23' +47-4" Cedar - 28'
 +24-8" E/ins - 22' +37-4" Cedar - 26'
 +145-4" Apr 2" Gutter - 11'
 +18-10" 2' +3" Gutter - 18'
 +11-4" Cedar - 22'
 +07-8" Beg. 3" Mason. Gutter 18'
 +09-4" Cedar - 19.5'
 +01-End 12" CMR - 49'
 10 G.R. - 11' 7'-9' 4" Cedar - 22' G.R. - 13'
 +90-End Spillway - 61'-
 +90-Edge Spillway - 13.5'
 +78.7-End of Bridge - 10.7 11.3 +81-Metal Spillway - 17'
 +75-End 36" Conc Culv. - 62'
 +54-End Spillway - 36'

9 +05-End 36" Conc Culv. - 54'

+74.6-End of Bridge = 10' 12'

+63-18" Pop - 55'

+61-End 36" Conc Culv. - 68'
 +60-End Wall at W. vi - 17.5'
 +60-G.R. - 13' - 12'

+37-End Wall
 +21-Beg. Plank Retain Wall - 24'
 +05-End Wall - 25'
 8 G.R. - 13' 7' 17.5-Wall G.R. - 12'
 +90-4" TRIP B.E. - 40'
 +90-Beg. Plank Retain Wall - 22'

+60-B. Top - 10' 16.5'
 +60-Beg. Plank Retain Wall - 16.5'
 +58-4" TRIP B.E. - 39'
 7 G.R. - 14' 9' 10' G.R. - 12'
 +89-24" Conc Culv. - 50' - 38'
 +87-6" TRIP B.E. - 38'

6 G.R. - 14' 9' 10' G.R. - 11'

8-16-41

6

ditch

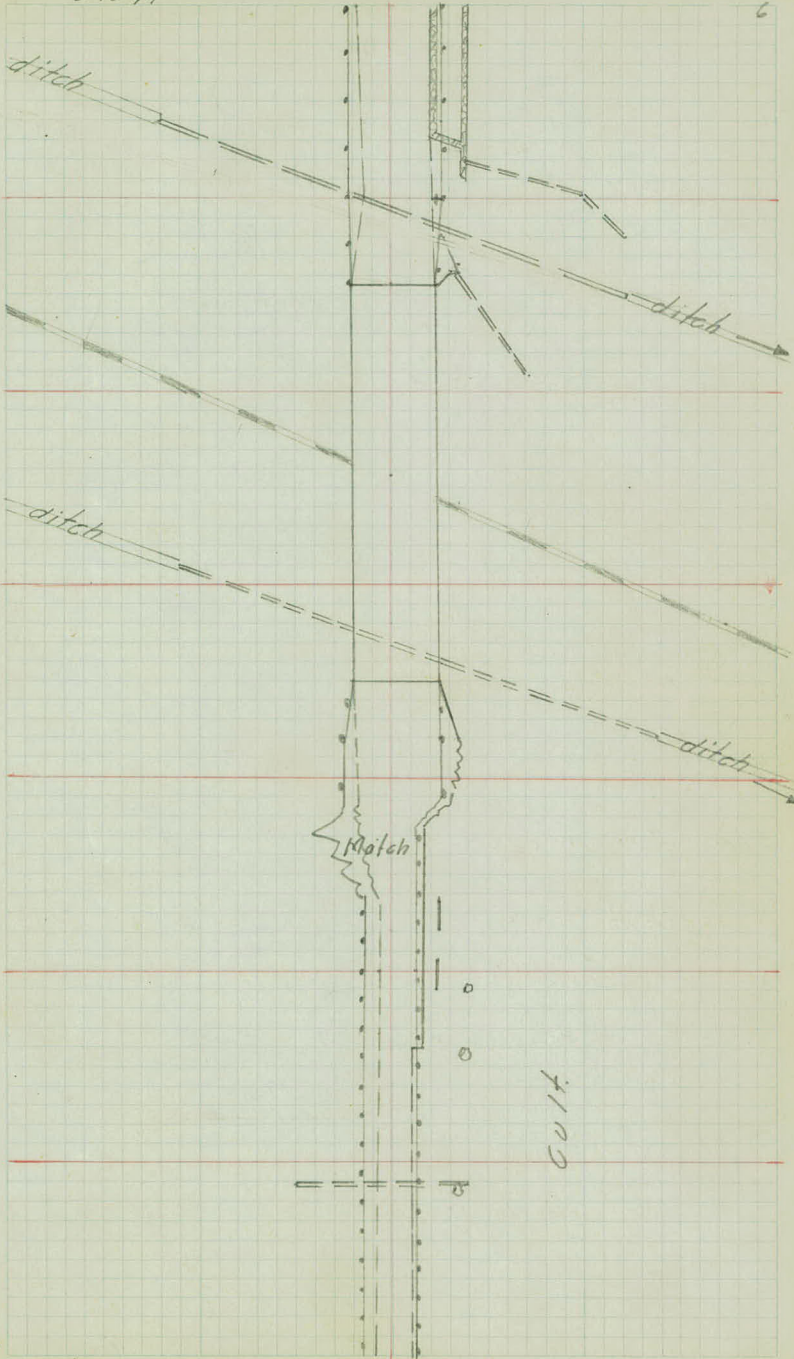
ditch

ditch

ditch

Match

Cult



+64-Beg. G.R. - 12'
+50-Rd - 74-58

15 Rd-74-58

Gutter - 17.7' - 25.7'

+50-Rd - 80-62

14 Fe - 35'
Rd-85-100

11' 13' Rubble
Gutter - 17-245'

+38-End Hedge - 39'

+25-12" Pop - 42'

13 & Rd - 142 Fe - 34'

11'

+25-End Wall - 21'

+24-15" Pop - 24'

12' Wall - 20.5'

Gutter - 16'

+12-Cor. Shrubs - 39'

12 Fe - 33'

+95-E Rd - 155'

11'

11' Wall - 18.5'

+83-Δ in Gutter - 14'

+82-C.B. in Wall

+82-End 18" GM XDraw - 19.5'

+74-Δ in Gutter - 12.5'

+67-End Wall Rd - 18.5'

+58-Gutter - 12'

+51-Gutter - 18'

+40-Beg. Wall - 42'

+34-Bulk Edge 2" Max. Gutter - 44'

+10 - End G.R. - 40.6'

+03-Gutter Connection

+04-End Rd. Gutter - 43.5' ±

+81-Beg. Rd. Gutter - 18'

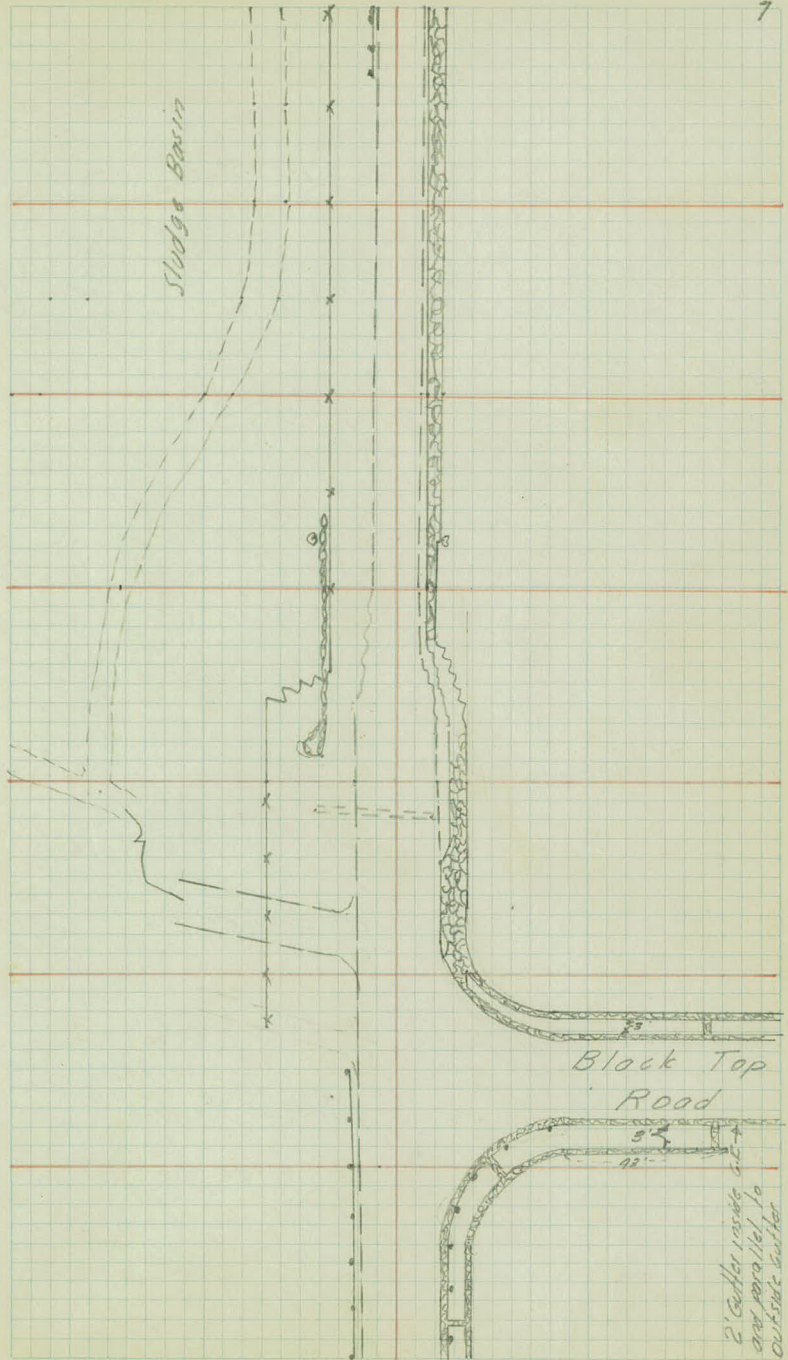
+74-G.R. - 13'

+59-Gutter Connection

Sludge Basin

Black Top Road

2' gutter inside and
and parallel to
outside gutter



+99-End 18" Conc. Culv.-18'
+94-T.P.-46'

22 ✓

10' 12' +13-EP-28'

+53-Fc. Cor.-48'

8 12

21 Fc-47

20 Fc-44'

9' 12'

+61-Fc-30'

+35-Ent.

19 +109-End G.R.-12'
Fc-32' G.R.-12' 9' 14'

+18 M.H.-31'

+18-End 24" C.M.-28'

18 Fc-32' G.R.-12' 9 14

+95-End 24" C.M.-66'

+67-Rd-89-73

+64-W.W. Pipe X 2

Get details from W. W.

+43-Fc Cor.-38'

+14-End Gutter-19.5-27.5

+15-End 12" C.M.-39' - Spillway 23'

+14-Cor. Wall + Bag Fc.-38'

17 Fc-33' G.R.-12' 8 14

Rd-78-62

+70-Bag. Cable G.R.-

~~Flat Rd-89-73~~

Wall-38'

+85-Gutter-19.5-27.5

+76-Bc Ent.-28

+75-Bcg. Wall-44' 6" Rod

+58-Bc Ent.-28

+59-End Wall-48' 6" Rod

+48-Gutter-19-26.5

18" W. 122 +15 Wall-70'

+02-Spillway 12" C.M.-33'-39'

16 Fc-34' G.R.-12'

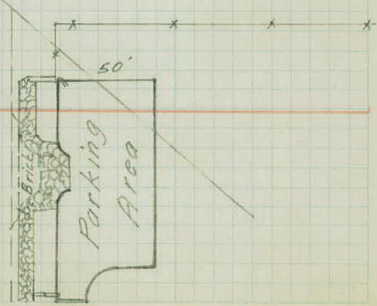
P1-60-76

9' 15' Gutter-18.5-26' Cor. Wall-37'

Cult

Barb Wire

Sludge Basin



29

11' 11' +05-PP-

28

11' 11'

27

10' 11' +15-PP-

26

12' 11'

+93-Ent-10
+88-Road Pk.

+95-PP-28'

25

10' 11'

24

10' 10'

+43-G.P.-24'

+44-PP-30'

+41-End 18" Conc. Culv.-
+19-G. Road Pk.

23

10' 10'

Hayfield

Cult

Hayfield



+64-PP-

+25-Beg. G.R.-12'

36 10' 10' GR-12'

+20-Beg. G.R.-13'

35 12' 9'

+71-PP-

+27-Ent-

34 11' 10'

+85-PP-

33 11' 11'

32 10' 11'

+92-PP-

31 11' 11'

30 11' 11'

No Cable —

No Cable

Hay Field

Cult

+50-18'0"-39'

43 Fe-47 G.F-13' 10' 10' G.F-12'

+67-24" Cong. X Drain^{1/4"} -51'-38'
+72-Fe-48

+35-PP-

42 G.F-13 Fe-41' 9' 10' G.F-12'

+88-Beg. G.F-12'

+50-Beg. G.F-13'
+46-12" Tw. Birch -63'
+40-12" Birch -63'

41 Fe-34' 10' 10'

+50-Fe-31'

+44-PP-

+106-End
40 Fe-24' 9' 11'

+74-End G.F.

+36-End G.F.

39 Fe-33' G.F-12' 10' 10' G.F-12'

+53-PP-

+11-24" Cong. X Drain -37.5'-35.5'
38 Fe-36' G.F-12' 11' 10' G.F-12'

+28-Fe Cor-41'

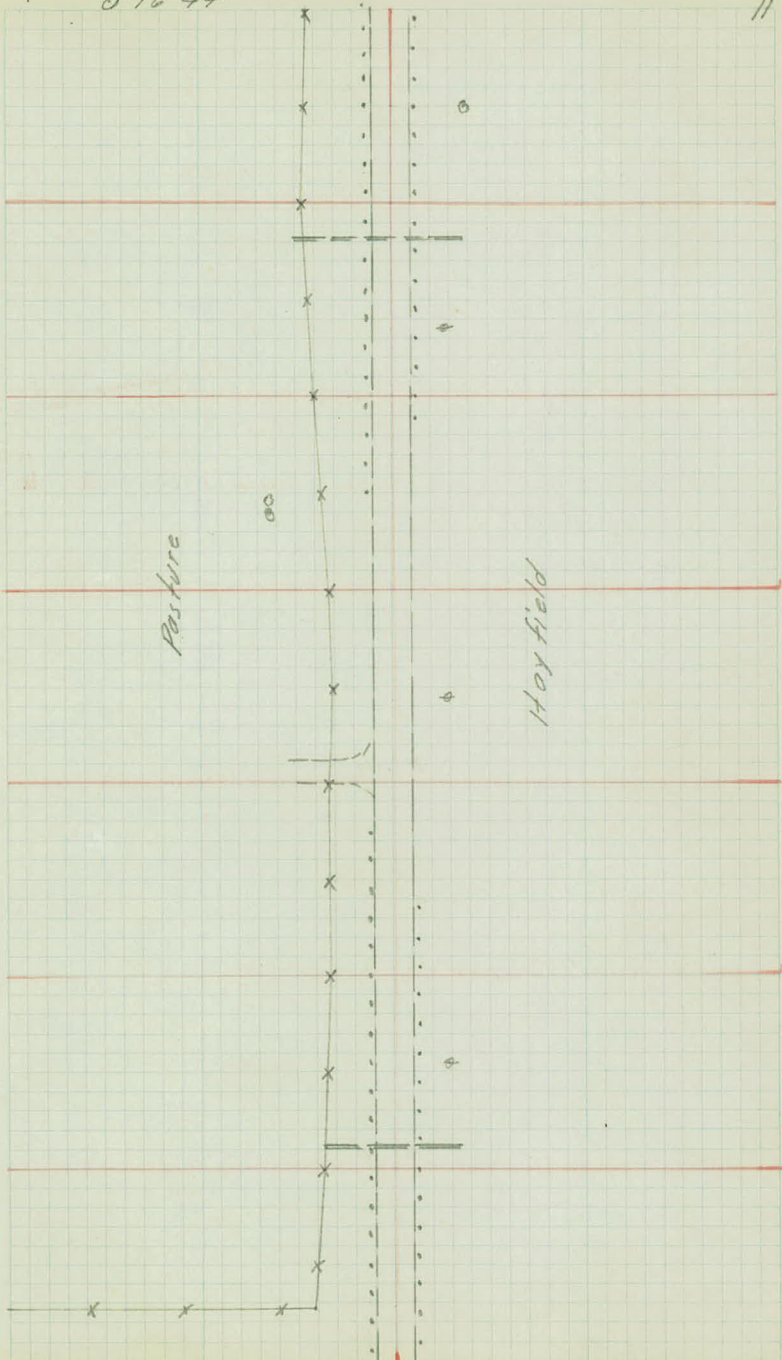
37 G.F-12' 10' 10' G.F-12'

8-16-44

11

Pasture

Hay field



+90-Ent
 +97-PP-23' +90--13' 12'
 +82-Bog. Row-2" Pop-31'
 +75-PP-27'
 +65-15" C.M. X Drain = 29' - 31'
 +59-End-42' 40'
 +32-Bod = 36' 42'
 +29-18" ~~Pop~~ X Drain 256 = 32.6 12' C.M. + 46' Cor.
 +19-Fc Cor-37'-56'
 +05-Ent-14' 6" BE-31' +14-PP-27'
 50 +98-Rod.-10 +90-Rod.-11'

+69-Δ in Fc-26' +73-6" Elm-26'
 +46-Δ in Fc-57' +60-5" Elm-32'
 +51-8" Elm-36'
 +38-Bog. Fc-43' = Fc Cor.
 +29-End Fc-26' Ent-10'
 49 Fc-25' Ent-52' 10' 13'
 +82-12" Elm-33' +94-8" Maple-31'
 +75-Fc Cor-23-26'-54'
 +74-Hodge-26'-36'
 +63-15" BE-29'
 +55-Shrubs-25'
 +40-End Hodge-33'
 +10-15" Pop-25'
 +02-Bog. Hodge-33'
 +02-5" E Cor Ho-36'
 48 Fc-23' 9' 12' +10-PP-28'

+66-End Shrubs-
 +57-Fc Cor-37'
 +56-End Hodge-39'
 +53-Fc Cor-24'
 +15-Bog. Lillian Hodge-40'
 47 8' 11'

+71-Fc Cor-46'
 +50-Range Tie.

 +17-PP-
 46 Fc-49' 9' 10'

+58-Fc-46'
 +36-Fc-39'
 45 +11-5" p-+Fc-35' 9' 10'

+62-Ent-

+84-End G.R.-12'
 +19-Fc-57'

+44-End G.E.-12'

+34-Fc Cor-42-56'

+22-PP-

44 G.R.-13' Fc 44 9' 10' G.R.-12'

8-17-44

12

Mc Menemy

St.

Orchard

+ 855 E. Co. Bldg. - 71'

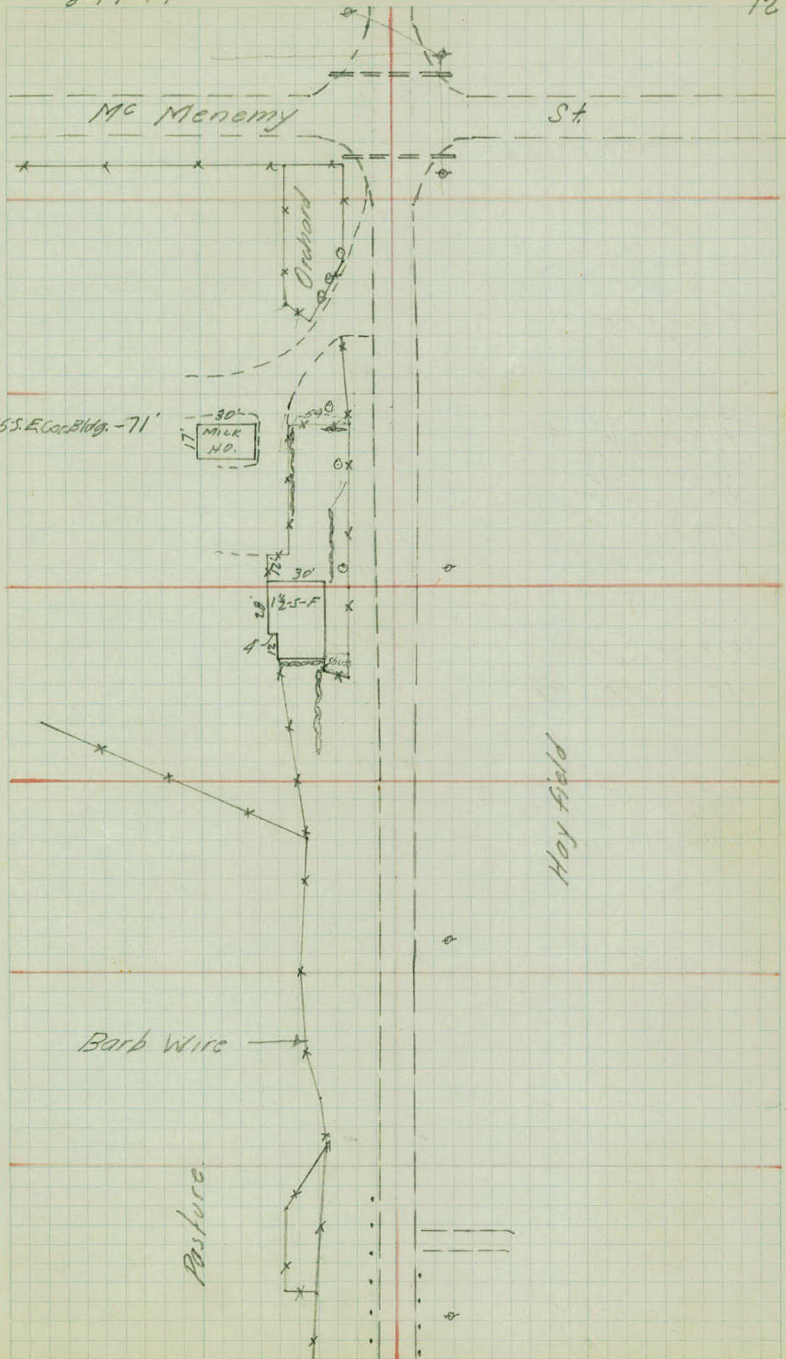
30'
MILK
NO.

13-5-5

Hay Field

Barb Wire

Pasture



+97-Beg. G.R. - 14'

+40-P.R.-

57

+96-Fe Cor-28' 9' 10'

+06-P.R.
56

9' 10'

+86-6" B.E. - 31'

+78-12" x 20' C.M. - 20'

+80-End Hedge - 26'

+44-Beg. Hedge - 26'

+36-15" B.E. - 34'

+18-Ent 12" x 20' C.M.
21"

+06-Row 15" B.E. - 40'

+88-Ent.

+84-Cor. Church.

+77-2" Elm - 37'

+35-End Wall - 33'

55 +98-8" Popl End Hedge - 33' 9' 10'

+71-8" Silver Pop - 33'

+61-P.R. - 26'

+33-5" Silver Pop + Beg. Hedge - 33'

+09-End Fe - 35'

+78-Cor 6" Conc. Wall - 33'

+72-2 6' Conc. Walk - 26.2'

+66-Arc. P.R. - 29' Cor. Church - 80'

+63-Edge Parking Area

54 +96-4" Silver Pop - 41' 9' 11'

+81-4" Silver Pop - 41'

+64-Fe. Cor. - 42' - 27'

+75-W. Edge Parking Area.

+25-P.R. - 26'

+22-2" Birch - 41'

53 Fe - 27' 10' 10'

+98-Ent.

+25-P.R. - 26'

+28-4" Maple - 49'

52 Fe - 26' 11' 10'

+05-End Row Pop - 34'

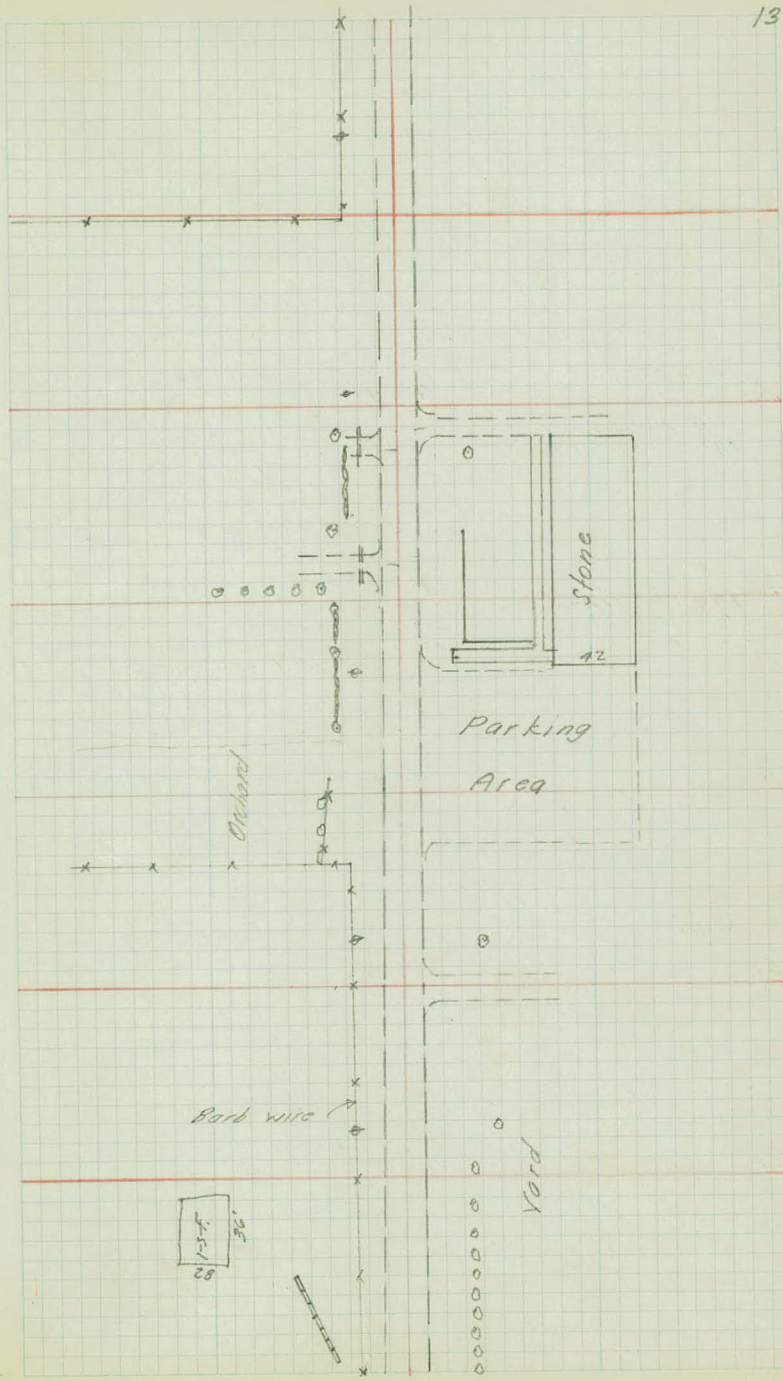
+56-S. W. Cor. Ho. - 93'

+50-End steps - 59'

Risers 7' Long

+05-6.3" Conc. steps - 31'

51 Beg. Fe. 24' 12' 11'



1-5 ft
30
28

Barb wire

Orchard

Parking Area

Stone

Yard

12

+88-30"O-29'

+51-24"O + Beg Fe-22'

+28-PP-

+20-Rd-12'

64

8' 12'

+55-36"O-45'

+65-Rd-53

+48-Ent-15"X26 Cong-22'

+33-End G.R-10'

+37-Rd-56

+25-PP-

+05-Rong Tieto Fe

63

7' 12'

+98-Fe Cor-29'

+90-12

+91-5" E/mi-29

62 FC-27

8' 12'

+94-12" Trip O-42'

+76-Beg G.R-10'

+71-PP-26'

+69-N.W. Cor. Bldg.-51'

61 6"O-35' St p-33'
Fe-33'

9' 11'

+10-End GR-14'

+98-6"O-35

+24-Fe Cor-29'

+17-PP-

60

10' 11'

G.R-14'

59 Fe-28'

10' 11'

G.R-14'

+77-PP-

58

9' 10'

De Sota St

Masonry Found

Chert	40'
20'	44'

No Cable

Barb Wire

Uncult.

+97-Fc - 35
+90-PP-25

+16-PP-

71 +106-Ent $\frac{18" \times 18" CM}{19'}$

+52-24"O. +Fc-30'

+29-24"O.-26' Fc

9' 10

+78-18"O.-26' +Fc

+72-5"PP-26'

+62-24"PP-28'

+50-6"Pop-30'

70

9' 10' +05-Fc Cor-24'
24"O.-33'

+82-18"O-32'

+62-PP-

+67-18"O.-26'

+34-18"O-26'

69

9' 10' +09-24"O.-26'

+89-Fc PP-37'
+81-Ent $\frac{15" \times 20" CM}{18'}$

+89-5"BE-25'

+25-5"Ent-39'

+16-PP-27

68 +110-Ent $\frac{15" \times 20" CM}{18'}$

8' 12' +14-18"O.-24'

+90-5"Ent-24' +98-5"Ent-24'

+80-6"BE-25'

+61-Ent +70-6"BE-26'

+26-3"Maple-26' 41"

+17-6"Willow-41'

+04-4"Willow-34'

67

8' 11' +95-PP-

+86-30"O.-38'

+35-Ent-

+03-NW Cor Ha-70'

66

11'

+33-15"O + End Fc-54'

+18-24"O.-+Fc-24'

+48-PP

65 +107-Ent-15"X20"CM-18'

8' 12'

Woven wire

Barb wire

Pasture

18' x 20'

Ent. 15' X 26' Conc 14'
+83-End 6" Tile 29'
+13-End 6" Tile 42'
+70-Ent 54'

+71-12" Tw. 0-45'
+62-24" O. 1 Bdg Fc 38'
+48-5" P-50
+35-5" P-40'

+23-6" Elm-37'
+21-5" W Cor Cor-71'

78 6' 12'

+98-6" Plum Tr-37'
+87-PP-30'
+83-End Pine Shrub-238'
+63-Beg Pine Shrub-5

+35-S.W. Cor. Ho.-57'

+17-36" Maple-48'

77 7' 14'
+88-T.P.-50'
+83-18" C.M. X Drain = 20'-26' +84-End 12" CM-27'
+70-1" Edge P.N.
+74-6" M.H.-17' +50-1" Edge Par.

+40-PP-38' +15-Rd.-11' +33-Rd.-12'
+37-18" C.M. X Drain = 44'-175' +40-PP-19'
+26-6" Bottom 6" Steps-40' 3' Rubble Gutter south.
+19-End 18" C.M.-20' +25-Cor Shrub-29-52'
76 Gutter-23'-15.6' 10' 11' +26-Cor Shrub-31'

+83-18" Elm.-43'

+54-18" Elm-44'
+33-PP-24'
+26-18" Elm-45'
+29-S.E. Cor School-75

+98-12" T Co-47'
+81-8" Pop-37'
+57-36" O-45'
+52-24" O-41' +56-W Cor Ho-80'
+37-8" Pop-37'
+25-Hedge-29'
+19-Ent.
+08-24" O.-34'

75 15" Elm-46' 11' 13'
Gutter-23'-15'

+95-Cor Bldg-29' Hedge-25'

+71-15" Elm-47'
+59-83' Rubble Gutter-94'-30'
+68-End Culv 2

+49-Ent-15' X 32" CM-19'
+24-PP-25

+42-Cor Shed-33'

74 +39-3' Rubble Gutter-93'-29'
+22-Cor Shed-74'-57' 12' 12'

+29-PP-25

+78-N.W. Cor Bldg-45'
+63-Ent. +67-15" O-22'
+62-2" Large Tie-
+54-Fc Cor-24'
+52-18" Tw. 0-32'
+26-Cor P-26'

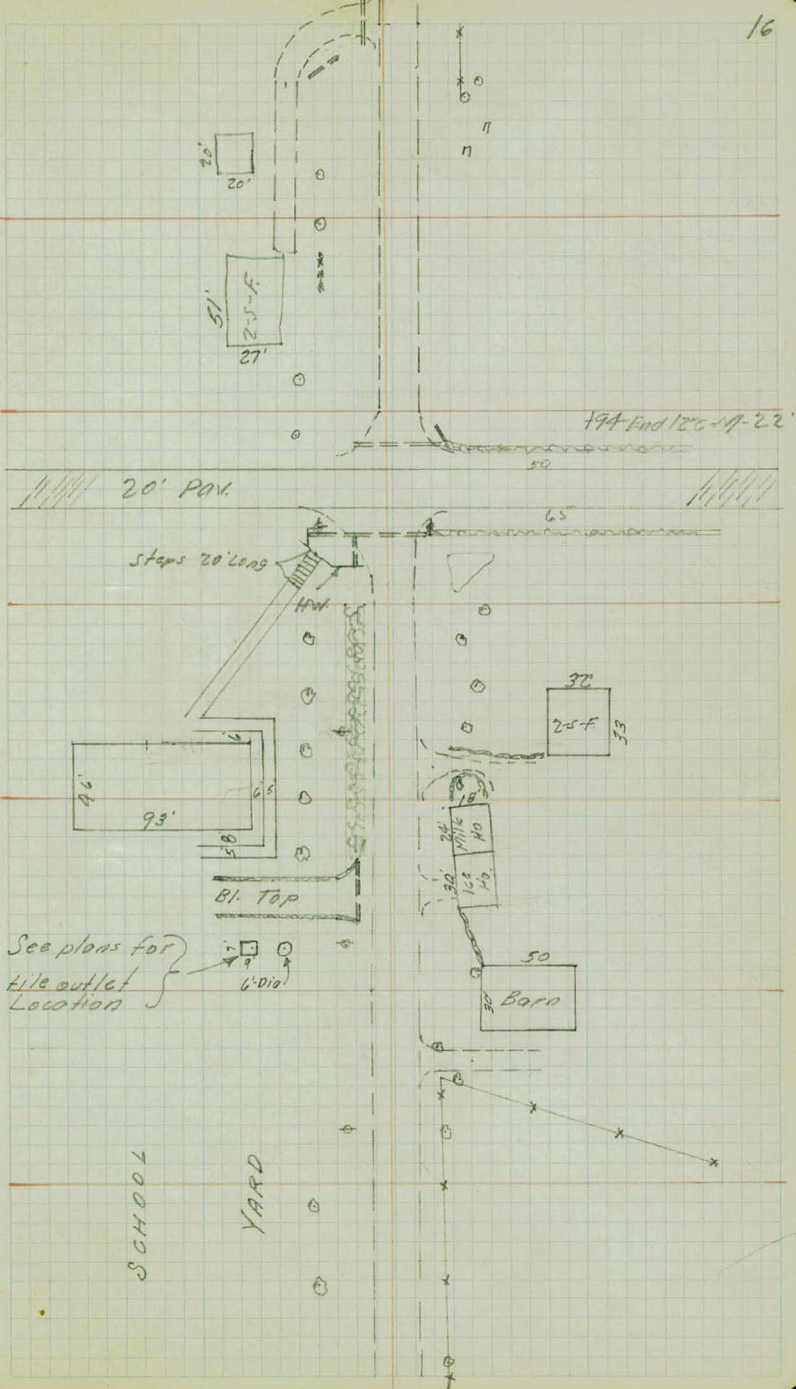
73 12' 13'

+87-15" Elm-42'

+47-15" Elm-40'

+58-5" Pop + Fc-28'
+29-24" O-26'
+22-24" O-28'
+07-20" O Fc-27'

72 10' 12'



+65-Pond-110'

+27-Pond-80'

85 +117-PP-28'

7

11

Fe-44'

+89-End G.R.-10.5'

+80-Pond-25'

+14-36"O.-61'

84 Pond-20' G.R.-10'

8-13'

Fe-43'

+72-PP-28'

83 Pond-20' G.R.-10'

7'

12'

+27-PP-28'

+48 } 6" Tree-37'
+39 } 42'

82 G.R.-10' Pond-21'

6'

12'

Fe-34'

+

+46-End 24" Conc. Cdr-184'

10" OM.
+55-End 8" Vit Pipe-27'
+44-Int. of Pipes-27'
+37-36"O.-51'

81

7'

+103-Div Vit-101'
13'

+18-PP-28'

+75-Beg. G.R.-10'

+80-End 12" Vit-203'

+60-Beg. Swamp-24'

+57-24"O.-48'

+40-End 15"x25" Conc.
16

+42-24"O.-53'

+21-18"O.-49'

80

7'

14'

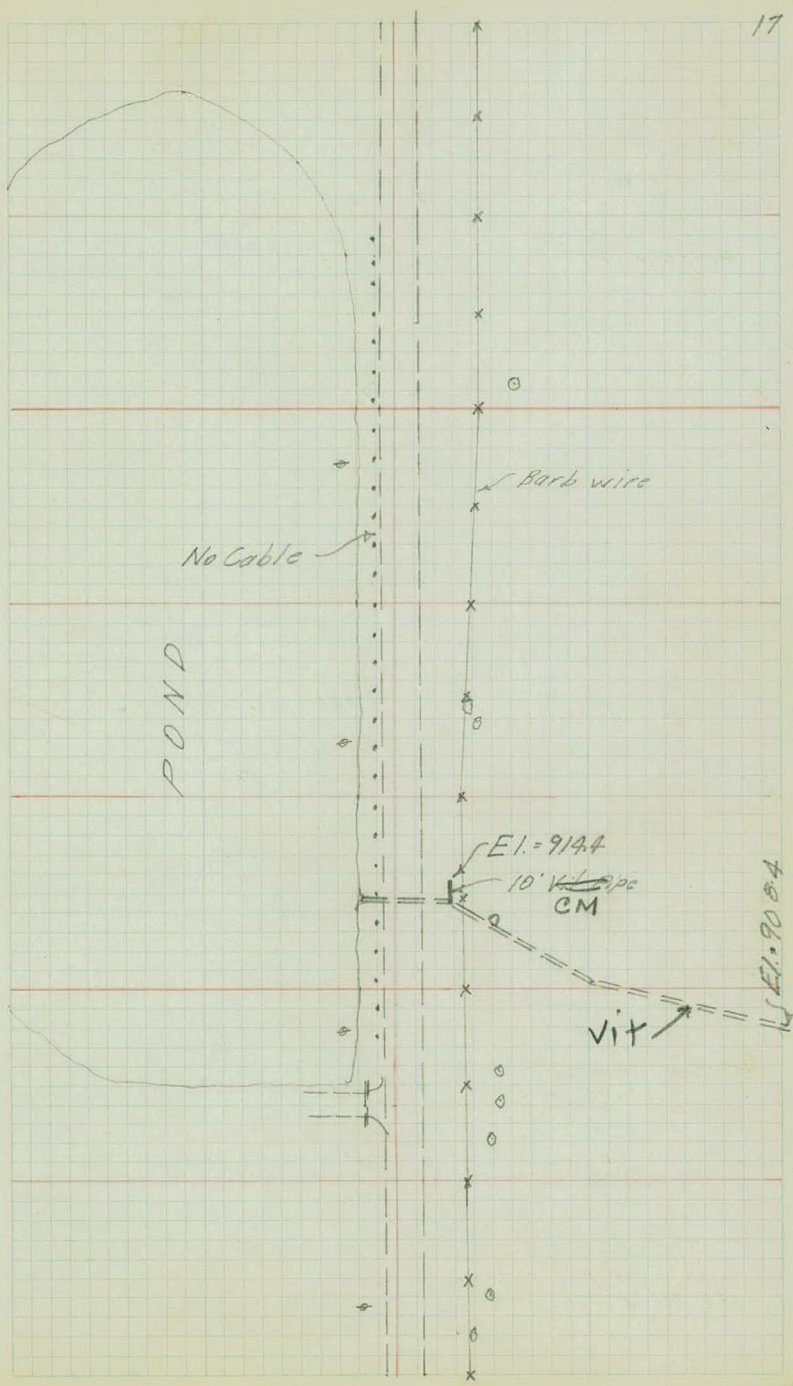
Fe-36'

+34-PP-28'

+42-18"O.-41'

+22-18"O.-40'

79



+70-8"E/m-37'

+45-8"E/m-37'

+26-2'2"S.W.-23'

+12-6"E/m-37'

92 +05-4"Tile-21'

+78-6"E/m-37'

+62-PR-24'

+43-6"E/m-37'

+02-6"E/m-37'

91

+79-Ent.

+72-6"E/m-37'

+41-6"E/m-37'

+03-6"E/m-37'

90

+93-PR-24'

14' Oiled Surface.

+79-8"O.-48'

+69-6"E/m-54'

+53-8"E/m-54'

+43-2'4"S.W.-43.6'

+33-8"E/m-54'

+17-6"E/m-54'

10'

+97-6"E/m-54'

+80-6"E/m-54'

+67-Ent-15"X27"CM-21'

+62-FC-44'

+61-Pow-8'Pop-46'

9' 11' End Fe-44

+90-5'p-48'

8' 10' Fe-43'

+93-6'p-23'

+70-4' Iron & Greenbrier Ave-0.3'

+47-18"O-43'

89

7'

+07-36"O.-54'

10' Fe-39'

+15-8' B.E-43'

88 +05-End Hedge 31' Fe-33 PR-24'

8'

11'

+52-Cor Hedge-31'

+43-Ent 12"X27"CM-17'

+43-18"O-44'

87

8'

11'

+98-24"O-53'

+61-PR-28'

+57-Beg Hedge-32'

+50-6-Ent-39'

+43-6 12' Ed-15"X50"Comp. 10CM-17'

86

7'

11'

Fe-44'

Drain from roof

Chinabot + Bard wire

Bard

+80-12" Elm-30'

+94-18" O-32'
+88-End C.R.-12'

+52.95-1ron 0.0

+40-8eg. GC-12.4

+20-E 1/4" dilled Rd. $\frac{15" \times 30' C.M.}{18'}$

+20-E 22" O/dilled Rd.

+03-2.5' R06616 Gc/Hor.-21'

99 +95-PP-24'

10'

9' +95-PP-34'

+91-12" Elm-32'

+73-15" O.-30'

98

10' 10'

+92-Ent. $\frac{12" \times 20' C.M.}{22'}$

+45-PP-24'

+45-4" Elm-47'

+52-3" Pine-34'

+14-6" Elm-43'

97

9'

10'

+98-5-D-21' +95-2.2' Conc. Drive 30' R +99
+86-Wall-Kobble-25' 15" X 40' C.M.-21'

+49 } 2 Conc. Drive-43'
+40.5

+69-End Curb-21'

+43-24" O.-25' Metal Curb-39-52'

+22-Beg. Metal Curb-20'

+47-Ent. $\frac{15" \times 20' C.M.}{19'}$

+39-Hodge-28'

+18-6" Elm-41'

+19-Bubble Wall-27 $\frac{15" \times 34' C.M.}{19'}$
Ent.

96

9'

10'

+97-PP-24'

+82-18" Elm-40'

+42-6" Elm-40'

+08-P Elm-39'

+02-Ent. $\frac{12" \times 20' C.M.}{21'}$

95

9'

+08-30" O.-39'

+34-Hodge 29'

+29-E 8" Conc Ent-23' $\frac{12" \times 20' C.M.}{20'}$

+11-30" O.-33'

+74-12" Elm-38'

+68-36" O.-37'

+58-Hodge-28'

+46-PP-24'

+38-8" Elm-38'

+01-8" Elm-38'

94

9'

10'

+35-18" P.W.O-42'

+25-Ent.

+07-18" O.-42'

+67-8" Elm-38'

+36-8" Elm-38'

+30-PP-24'

+105-E 1/4" Rd. $\frac{12" \times 30' C.M.}{20'}$

93

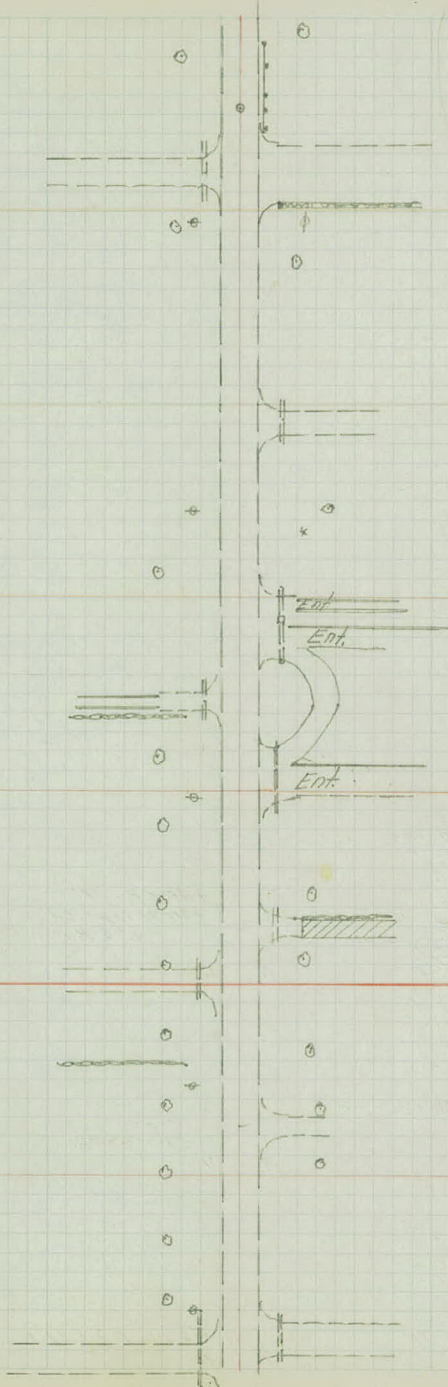
9'

10'

+41-2 1/4" dilled Rd $\frac{12" \times 20' C.M.}{21'}$

8-30-44

19



+62-End 11" C.M. - 140'	+67.8-Edge Riv.	+62.81 Top - 53'
+60-Ann. C.V.N. - 57'		+51-Bur m - 110'
+60-Cor. Carb. - 63.6'	+60-54'	+20.5B-85'
800 Bubble Carb 2	+30-30'	+30.81 Top - 23'
+49-Cor. Cema. Slob. - 50.5'		+24-Bur m - 52'
+22-Cor. Slob. - 3.56 Cor. Sta. - 69'		
+07-12" C.M. - 253'		
102 Max. Slope - 28'	16' 13'	+90-Bur m - 21'
+99-PP - 24'		
+95-12" Elm - 36'	+70 = -10' 12'	
+97-Top Max. Slope - 28'		
+27-Grass Arbor - 38'		
+04-Slp 28'		
101	9' 11'	+13-18" D - 29'
+97-Ent. 12" x 25' C.M.		+90-Clr 1 st Pillar - 34'
+53-Rain-Tier		+57-Ent. 198-34-38'
+77-Low 6" Pipes - 44'		+76-Arbor -
+58-18" Elm - 31'		+66-M. No 1 -
		+54-Pillar -
+45-PP - 24'		+41-Pillar -
+26-5" Elm - 31'		+29-Pillar -
+09-12" Elm - 31'		+20-38" O - 34'
100	9' 7'	+18-Clr 1 st Pebb. Pillar - 30.3'

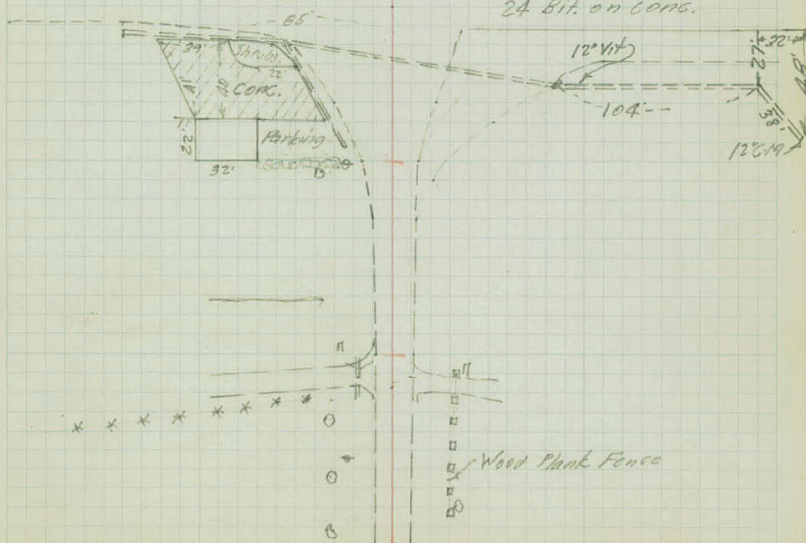
Get S.T.H. CI
curve align

24' Bit. on conc.

12' Vlt

104'--

32'--
12' Vlt
12' Vlt





Bench Levels

U.S.C. + G.S. B.M. G-8 at Wheelock + Rice
to

U.S.C. + G.S. B.M. G-6 on Payne Ave Cutoff

Sta	+	Δ	-	Elev
B.M.	3.38	876.21		872.83
T.P.	0.06	869.18	7.09	869.12
B.M.			4.46	864.72
T.P.	0.09	858.27	71.00	858.18
T.P.	0.78	848.70	10.35	847.92
T.P.	6.51	848.56	6.65	842.05
T.P.	7.03	849.85	5.74	842.82
T.P.	13.14	862.61	0.38	849.47
B.M.	8.69	870.75	0.55	862.06
T.P.	13.09	883.51	0.33	870.42
T.P.	12.02	895.12	0.41	883.10
B.M.			3.35	891.77
T.P.	8.79	902.37	1.54	893.58
T.P.	4.05	903.19	3.23	899.14
B.M.	0.54	897.60	6.13	897.06
T.P.	4.20	894.37	7.43	890.17
T.P.	0.17	886.33	8.21	886.16
B.M.	6.99	889.42	3.90	882.43
T.P.	12.72	901.71	0.43	888.99
T.P.	9.65	911.12	0.24	901.97
B.M.	10.20	918.29	3.03	908.09
T.P.	1.90	910.46	9.73	908.56
T.P.	5.81	911.51	4.76	905.70
B.M.			0.11	911.40
	8.72	917.78	2.45	909.06

Lt.

±

Rt.

Top U.S.C. + G.S. #6 N.E. Cor. Rice + Wheelock

Top Mon. Rice + Carpenter Ave

Top Mon. Rice + Co. Rd. "A3"

(Weep pipe in wall)

Top 2" Iron pipe 18' Rt. Stg. 11 + 92

SPK. in G.P. Lt. Stg 24 + 42

SPK. in P.P. Rt. Stg. 40 + 44

Top Mon. McMenemy + Co. Rd. "A3"

Top S.E. Cor. Lower Step at Ho. Lt. Stg 64 + 60

Sta	+	Σ	-	Elev
T.P.	3.41	918.54	2.65	915.13
B.M.	13.78	922.84	9.48	909.06
T.P.	6.11	925.89	3.06	919.78
T.P.	6.14	928.35	3.68	922.21
T.P.	5.77	930.64	3.48	924.87
B.M.			4.06	926.58
T.P.	0.12	922.92	7.84	922.80
T.P.	0.08	909.46	13.54	909.38
B.M.			10.41	899.05
T.P.	11.81	916.51	4.76	904.70
T.P.	1.20	910.97	6.74	909.77
T.P.	0.60	897.87	13.70	897.27
T.P.	0.15	885.03	12.99	884.88
T.P.	5.25	880.81	9.97	875.06
B.M.			2.22	878.59
				878.62

Lt

\$

Rt,

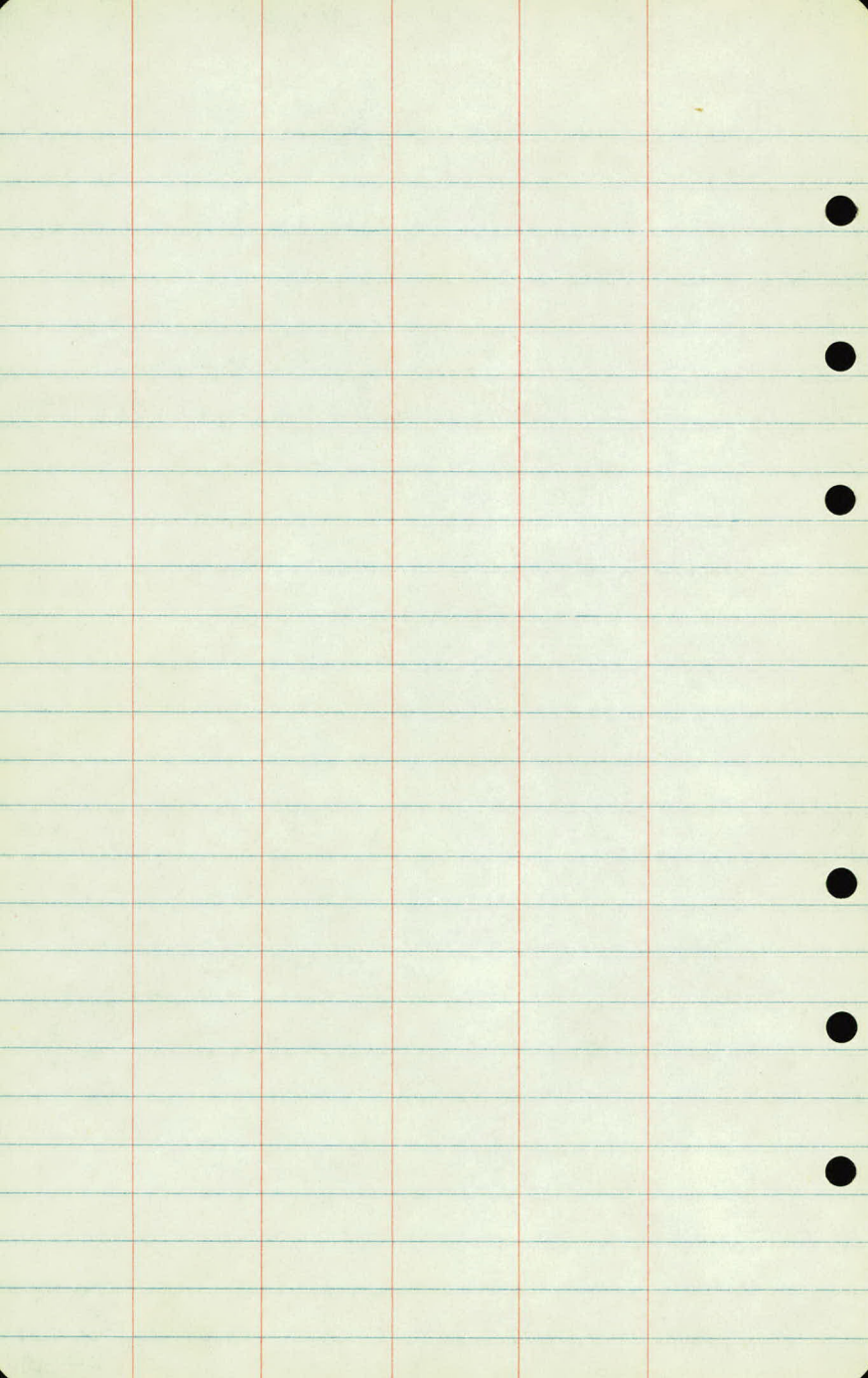
SPK. IN P.P. S.W. Cor "A3" + Edgerton St.

735 = Ho No.

Top S.E. Cor. Bottom Step at Ho Lt. Sta. 93+75

Top S. End Base of Filling Sta. pumps Lt. Sta 102+

U.S.C. + G.S. B.M. #66 Payne Ave. Cutoff



x sections

Sta.	+	π	-	Elev.
B.M.	9.74	871.80		(862.06) ✓

0 +00

+05

61.9 .

+19

62.4 .

+23

62.4 .

+30

62.4 .

+55

62.5 .

+70

62.6 .

1

62.8 .

L_A

C

R_ATop Mont Rice + Co. Rd. "A²"

8.1	9.0	9.9	10.9	11.8	✓
50	25		25	50	

8.2	8.9	9.9	9.4	10.9	10.7	11.3	✓
50	25	19		24	29	50	

8.6	9.6	10.8	9.4	9.4		10.8	12.8	13.1	✓
50	32	18	14			25	28	50	

7.4	7.9	6.5	10.0	10.0	9.2	9.4	10.3	11.1	11.1	7.3	8.8	✓
50	38	25	18	17	16		19	22	25	32	50	

6.5 ¹	6.5 ³	6.5 ³	6.5 ⁶	7.2	6.1 ⁸	6.2 ³	6.2 ⁵	6.2 ¹	6.1 ⁶	6.2 ⁰	6.2 ⁹	6.5 ⁵	6.9 ⁶	6.8 ¹	6.6 ⁹	✓
6.7	6.5	6.5	6.3	9.7	10.0	9.5	9.3	9.7	10.2	9.8	8.9	6.3	2.2	3.7	4.9	
100	72	51	24	18	16	14		15	17	24	30	42	54	80	100	

6.5 ^A	6.5 ²	6.5 ⁵	6.5 ⁸	6.2 ²	6.1 ⁹	6.2 ³		6.2 ⁶	6.2 ⁹	6.2 ³	6.1 ⁹	6.2 ¹	20.2	6.9 ⁷	6.6 ⁷	6.5 ⁴	✓
6.4	6.6	6.3	6.0	9.6	9.9	9.5		9.2	9.4	9.5	9.9	9.7	1.6	2.1	5.1	6.4	
100	76	46	25	19	16	14		11	15	16	26	34	46	72	100		

6.6 ¹	6.6 ⁰	6.6 ²	6.6 ⁶	6.2 ⁷	6.2 ³	6.2 ⁵	6.2 ⁸		6.2 ⁵	6.2 ²	6.2 ⁶	6.2 ³	6.1 ⁵	6.1 ³	6.5 ²	6.4 ²	✓
5.7	5.8	5.6	5.2	9.1	7.5	9.3	9.0		9.3	9.6	9.2	4.5	5.5	7.5	6.6	7.6	
100	66	46	26	20	18	15		13	17	26	31	34	80	90	100		

Sta	+	π	-	Elev
		871.80		
1	+30			63.1
	+56			63.3
	+73			63.5
2				64.0
T.P.	10.24	874.25	7.79	864.01
	+38			64.7
	+75			65.3
	10.24			
3				65.6
	+37			65.9

Lt

E

Et

62.2 66.7 67.3 67.8 62.5 62.5 62.9
 46 51 45 40 99 93 89
 100 76 49 26 19 17 13

63.1 62.7 62.6 62.1 62.3 65.2 64.5 64.5 62.1 60.4
 87 91 92 97 95 61 79 73 97 114
 12 14 16 20 27 34 50 77 100

71.3 69.8 69.3 69.6 62.8 63.0 63.3 62.8 62.3 62.3 65.7 64.1 62.1 60.8 59.9
 0.5 20 25 22 90 88 85 90 95 95 61 77 97 110 119
 100 76 50 28 18 12 14 17 20 27 33 70 80 100

74.3 72.8 71.1 70.9 63.7 62.9 63.2 63.5 63.1 62.5 63.0 62.9 63.4 62.3 60.7 59.2
 +2.5 +10 0.7 1.4 8.1 89 86 83 87 93 88 94 84 95 111 126
 100 77 51 28 20 17 13 12 17 19 26 39 49 74 100

75.6 72.1 71.1 71.1 64.1 63.8 63.8 64.0 63.6 62.8 62.2 66.5 65.3 61.8 61.4 59.5
 4.0 +3.8 +0.3 0.7 0.7 7.7 80 80 78 82 90 91 53 65 100 104 123
 86 50 35 30 20 16 11 13 16 19 25 48 56 73 100

74.6 73.1 72.2 71.1 63.9 63.7 64.5 64.7 64.3 64.3 63.3 63.5 65.8 63.7 61.5 55.4
 10.3 1.2 2.1 3.2 10.4 10.6 9.8 9.6 100 100 110 108 85 106 128 184
 100 76 53 30 20 16 13 11 14 18 20 24 43 58 100

70.9 70.9 71.3 71.2 64.4 64.1 65.0 65.3 65.3 64.9 64.5 64.7 63.3 56.9
 34 34 30 3.1 99 10.2 9.3 9.0 90 94 98 96 110 174
 100 80 53 30 20 18 14 14 11 19 26 41 75

70.5 71.0 71.2 70.6 64.6 64.6 65.3 65.5 65.6 65.2 64.1 63.9 63.8 60.3 56.9 54.9
 38 33 31 37 97 97 90 88 87 91 102 104 115 140 174 194
 100 75 49 29 21 17 15 10 11 19 28 34 39 58 75

70.6 70.8 71.2 70.0 70.1 65.0 65.0 65.9 65.9 65.8 64.9 61.9 60.0 59.2 56.4 54.0 53.0
 37 35 31 43 42 93 93 84 84 85 94 124 143 151 177 193 213
 100 73 43 34 29 22 19 13 10 17 23 29 44 49 63 75

Sta.	+	π	-	Elev.
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874.25

3 +60

66.2

+81

66.6

4

67.1

+30

67.8

+62

68.7

X

5

70.5

+23

71.7

+35

71.9

LH

E

BH

70.4 70.3 70.1 70.3 70.1 65.5 65.3 66.2 66.2 66.0 66.2 65.5 66.6 66.1 57.6 57.3 54.9 54.1
 3.9 4.0 3.2 4.0 4.2 8.8 9.0 8.1 8.1 8.3 8.1 8.8 12.7 13.2 16.7 17.0 19.9 25.2
 100 81 48 36 28 23 18 14 8 10 14 22 32 37 53 59 100

71.8 72.1 70.6 70.6 65.8 65.7 66.6 66.6 66.3 66.0 66.9 60.3 57.6 55.9 55.5 54.0 42.6
 2.5 2.2 3.7 3.7 8.5 8.6 7.7 7.7 8.0 8.3 12.4 14.0 16.7 18.4 18.8 20.3 26.7
 100 60 37 29 22 18 13 11 13 22 31 37 53 61 65 100

70.8 70.8 69.8 70.0 66.5 66.5 67.0 67.1 66.7 66.3 65.9 66.1 59.7 56.9 54.8 54.2 48.9
 4.5 4.5 4.5 4.3 7.8 7.8 7.3 7.2 7.6 8.0 8.9 12.2 14.6 17.4 19.5 20.1 26.4
 100 79 36 28 23 20 12 11 13 15 22 31 37 58 69 71 100

75.3 72.0 68.5 67.6 66.7 66.4 67.7 67.8 67.3 66.5 65.7 66.1 65.0 65.1 64.6 61.7 60.6
 4.0 2.3 5.8 6.7 7.6 7.7 6.6 6.5 7.0 7.8 15.6 18.2 18.3 21.2 21.7 22.6 23.7
 100 75 41 26 22 19 14 10 15 27 35 47 70 81 84 100

75.5 70.8 69.3 68.2 68.3 68.7 68.7 68.3 67.1 67.6 65.5 65.5 62.5 62.5
 4.2 3.5 5.0 6.1 6.0 5.6 5.6 6.0 7.2 14.7 18.8 21.8 21.8 21.8
 100 64 48 23 19 15 11 15 30 38 77 89 100

72.0 71.0 70.0 69.9 70.5 70.5 70.2 69.4 69.1 67.3 65.3 64.8 60.8
 4.27 3.3 4.3 4.4 3.8 3.8 4.1 4.9 6.2 17.0 19.0 19.5 23.5
 100 62 41 25 9 9 14 17 33 42 50 100

76.1 69.3 69.5 71.4 71.5 71.7 71.5 71.3 70.2 70.5 69.3 69.1 67.3 65.3 64.8 60.8
 4.8 5.0 4.8 2.9 2.8 2.6 2.8 3.0 4.1 11.8 16.0 17.7 19.0 21.0 22.0
 100 44 22 12 8 9 13 17 30 42 42 67 80 100

76.1 69.3 69.5 71.6 71.8 71.9 71.7 70.9 66.5 64.3 64.2
 4.8 5.0 4.8 2.7 2.5 2.4 2.6 3.4 8.8 10.3 10.1 11.8 14.9
 100 44 22 12 8 9 12 24 27 30

Sta	+	π	-	Elev
		874.25		
5	+57			73.3
	+75			74.1
I.P.	2.61	876.58	0.28	873.97
6				(74.9)
	+27			(75.9)
	+58			(77.0)
7				(79.3)
	+20			(80.4)
	+52			(81.9)

Lt. E Pt.
 75.7 72.7 69.7 70.2 71.7 72.5 73.1 73.3 73.2 72.5 66.3 65.6
 414 16 46 41 26 18 12 10 11 18 80 87 90 97 137 17.7
 100 65 34 24 21 18 7 11 15 24 26 30 43 50 90

73.7 70.6 69.1 72.8 73.5
 0.6 3.7 5.2 1.5 0.8
 100 50 32 20 15

74.1 73.9 73.5 65.8 63.3 56.0 54.0
 02.0 4.08 8.5 11.0 18.3 20.3
 11 15 23 43 88 100

71.2 68.1 67.4 68.6
 54 85 92 80
 100 50 37 28

-1.7

67.3 65.2 64.3 64.3 65.0
 93 114 123 123 116
 100 69 50 42 33

-0.7

64.5 63.4 63.1 63.5
 12.1 13.2 13.5 13.1
 100 61 50 40

+0.4

61.8 61.8 61.5 63.2
 148 148 151 134
 100 75 50 44

+2.7

61.9 61.8 62.8 63.4
 147 148 138 132
 100 70 50 45

+3.8

61.8 61.0 61.6
 118 118 106 10.0
 100 100 50 42

+5.3

Sta. + π - Elev

876.58

7 +87

83.5

8

84.1

+30

85.2

+45

86.0

+61

86.8

+74.6

87.3

9 +05 F.L. Calv. Lt.

+76.7

87.5

Lt

E

Bt

68.5 68.9 68.7 69.6 70.5
 81 7.7 7.9 7.0 6.1
 100 91 79 43 37

+6.9

✓

68.3 68.6 68.5 69.1
 83 8.0 8.1 7.5
 100 76 44 40

+7.5

✓

62.0 63.1 63.9 65.1
 146 135 127 115
 100 61 51 45

+8.6

✓

60.4 61.1 62.9
 16.2 155 13.7
 100 60 47

+9.4

✓

58.6 59.5 61.1 62.0
 18.0 17.1 15.5 14.6
 100 68 55 48

+10.2

✓

56.8 57.7 58.9 60.4 61.9
 19.8 18.9 17.7 16.2 15.2
 100 90 70 55 48

+10.7

✓

51.98 52.0
 24.6 apt. 56
 54.0

64.0 64.8 64.8 66.1 67.3
 P.R. 126 118 118 10.5 9.3
 Toe 90 77 65 42 38

+10.9

✓

Sta.	+	π	-	Elev
		876.58		
9	+95			(87.8)
10				(87.9)
	+20			(88.3)
	+50			(89.3)
T.P.	4.86	868.32	1312	863.46
6				(74.9)
	+27			(75.9)
	+58			(77.0)
7				(79.3)

Lt.

E

Pt.

64.6 65.3 67.3 68.7
12.0 11.3 9.3 7.9
100 69 47 40

+11.2

64.9 66.4 67.6 68.8
11.7 10.2 9.0 7.8
100 76 50 39

+11.3

67.5 67.3 57.3 65.3 64.8
9.1 19.3 19.3 13.3 11.8
102 64 60 59 43

+11.7

57.7
Toe slope 18.9
in ditch 11.5
Top Belt on tracks

+12.7

+6.6

64.2 62.2 61.0 59.4
4.1 6.1 7.3 13.9
30 39 55 100

+7.6

61.1 59.3 58.9 53.9
7.2 9.0 9.4 14.4
35 45 55 100

+8.7

59.3 57.9 57.7 56.5 56.8 56.3
9.0 10.4 10.6 11.8 11.5 12.0
39 48 56 73 85 100

+11.0

63.1 60.1 54.5 58.6 57.0
5.2 8.2 8.8 9.7 11.3
34 52 60 65 100

Sta.	+	π	-	Elev.
------	---	-------	---	-------

		868.32		
--	--	--------	--	--

7+20				
------	--	--	--	--

				80.4
--	--	--	--	------

+52				
-----	--	--	--	--

				81.9
--	--	--	--	------

+87				
-----	--	--	--	--

				83.5
--	--	--	--	------

8				
---	--	--	--	--

				84.1
--	--	--	--	------

+30				
-----	--	--	--	--

				85.2
--	--	--	--	------

+45				
-----	--	--	--	--

				86.0
--	--	--	--	------

+61				
-----	--	--	--	--

				86.8
--	--	--	--	------

+74.6				
-------	--	--	--	--

				87.3
--	--	--	--	------

Lt.

E

Pt.

+12.1

62.0 61.5 58.5 56.3
 6.3 6.8 9.8 12.0
 37 45 69 100

+13.6

62.3 60.9 58.6 56.1 53.2
 6.0 7.4 9.7 12.2 15.1
 38 47 51 61 100

+15.2

63.3 58.3 54.6 54.9 52.4
 5.0 10.0 11.7 13.4 15.9
 37 52 60 74 100

+15.8

61.0 57.2 54.4 52.7
 7.3 11.1 13.9 15.6
 43 54 80 100

+16.9

58.2 55.6 52.3
 12.1 12.7 16.0
 53 73 100

+17.7

64.3 61.3 55.5 51.4
 4.0 11.0 12.8 16.9
 40 60 70 100

+18.5

63.0 57.9 50.1 48.3 48.3 50.4 53.9
 (F.L. X D min)
 5.3 10.4 18.2 20.0 20.0 17.9 14.4
 43 56 68 69 76 78 100

+19.0

61.4 55.6 54.5 54.7
 6.9 12.7 13.8 8.6
 45 56 64 100

Sta	+	Δ	-	Elev.
		868.32 868.37		
9+75				
+76.7				87.5
+90				
	End Spillway 61' Rt.			87.8
+95				
T.P.	12.01	879.96 880.01	0.37	867.95 868.00
6				74.9
+27				75.9
+58				77.0
7				79.3
T.P.	12.99	892.29 892.34	0.66	879.30 879.35
+20				80.4

Lt.

4

Rt.

56.8

11.5

62

856.82

+19.2

64.7	64.1	62.3	63.3
3.6	4.2	5.0	5.0
42	56	80	100

+19.5

70.3	64.2	64.2	68.9
+2.0	4.1	4.1	+0.6
46	53	60	100

73.7	74.4	74.7	74.9	74.7	74.0
6.3	56	53	5.1	53	60
21	14	8	10	16	

74.7	75.6	75.7	75.9	75.6	75.1
53	44	43	4.1	44	49
20	14	8	10	14	

76.7	76.7	76.8	76.0	76.7	76.4	76.0
43	33	32	3.0	33	36	6.0
22	13	8	10	13	17	

78.3	78.9	79.1	79.3	79.2	79.1
1.7	1.1	0.9	0.7	0.8	0.9
21	14	8	10	13	

2 sta. 7

78.5	79.5	80.2	80.4	80.2
138	128	121	119	121
23	18	7	13	

Sta. + π - Elev.

892.29

892.34

7 +52

81.9.

+87

83.5.

8

84.1.

+30

85.2.

+45

86.0.

+61

86.8.

+74.6

87.3.

9

46

87.7.

Lt

E

Rt

80.6 81.4 81.7 81.9 81.5
 117 109 106 104 108
 22 15 8 13

82.2 83.0 83.4 83.5 83.1 81.1 77.6
 101 93 89 88 92 112 147
 21 15 7 12 16 16

82.9 83.7 83.9 84.1 83.7 81.3 79.1 74.1 71.5
 94 86 84 82 86 110 132 182 208
 21 14 7 12 17 17 22 22

83.6 85.0 85.2 85.2 84.8 82.5 79.1 74.1 71.8
 87 73 71 71 75 98 132 182 20.5
 20 14 7 12 17 17 23.5 23.5

84.5 85.6 86.0 86.0 85.7 82.9 79.9
 78 67 63 63 66 94 124
 18 13 7 12 17.5 17.5

86.9 86.8 86.8 86.5 83.1 81.5
 54 53 55 58 92 108
 14 6 12 17 17

80.5 87.4 87.3 87.4
 118 49 50 49
 21.5 10 12

Sta.	+	π	-	Elev.
		892.29		
		892.34		
9	+76.7			87.5.
	+9.5			87.8.
10				87.9.
	+20			88.3.
	+50			89.3.
B.M.	0.55	892.32	0.55	891.74
				891.79
				891.77
T.P.	5.20	868.45	29.07	863.25.
8	+74.6		+12.0	80.5.
	+75.8		+12.0	80.5.
	+80		+9.2	77.7.

Lt.

E

Rt.

79.5 87.6 81.5 87.3 83.4 82.7
 128 4.7 48 5.0 8.9 9.6
 22 10.9 11.3 14 20

81.7 82.7 82.6 81.8 87.5 86.7 82.6 82.4 81.3 85.2
 54 46 47 45 48 56 58 49 50 7.1
 13 10 6 10 11.5 13 13 17 21

86.9 87.8 87.7 87.9 87.8 86.9 88.1 87.8 85.2 87.0 72.1
 54 45 46 44 45 54 42 45 7.1 25.3 20.2
 14 11 7 9 12.3 14.5 16 24 53 100

86.0 88.0 88.3 88.4 87.7 88.0 87.9 86.6 85.5 87.2 77.9 77.1 76.8
 4.3 4.3 40 41 46 43 44 57 48 51 14.9 15.2 15.5
 13.5 7 9 11.6 13 16.3 17.6 18.6 19.4 27 42 60 100

75.2 78.1 88.6 89.1 84.3 89.1 89.0 88.0 86.0 86.3 89.3 88.1 77.6 77.3
 17.1 14.2 3.7 3.2 30 32 33 43 43 35 30 4.2 12.7 15.0
 50 31 15 8 13 16.3 17.3 18.3 19.4 32 35 56 100

Top 2" Weep pipe in wall rt sta. 11+92

Sta

868.45

8 +96

0.0

68.5 .

9

1.2

67.3 .

+15

4.1

64.4 .

+20

5.7

62.8 .

+25.4 Top Rail

5.11

63.34

+30.8 Top Rail

5.06

63.39

+38

5.7

62.8 .

+38

2.9

65.6 .

Top Wall

Sta	+	π	-	Elev.
		868.45		
9	+48		1.6	66.9 .
	+73.6		+14.0	82.5 .
	+76.7		+14.0	82.5 .
T.P.	32.92	896.17	5.20	863.25 .
10	+75			89.9 .
11				90.4 .
	+12			90.6 .
	+23			90.8 .
	+40			91.2 .

Lt.

E

Et.

	79.2	78.8	79.5	82.4	89.4	89.8	89.9	89.6	89.9	89.0	89.9	90.2	90.2	79.2
Top	17.0	17.4	16.7	13.8	6.8	6.4	6.3	6.6	6.3	7.2	7.3	6.6	6.0	17.0
ditch Bank	72	52	34	23	14	8		11	16	17	18	19	24	100

	78.5	78.0	80.1	89.9	90.2	90.4	90.2	90.7	90.8	89.7	89.8	90.7	91.4	91.9
Top	17.7	18.2	16.1	6.3	6.0	5.8	6.0	5.5	5.4	4.5	6.4	5.5	4.8	4.3
100	43	28	15	9		16	19	24	32	27	29	29	49	100

	78.6	78.5	79.4	89.9	90.3	90.6	90.6	90.8	91.3
Top	17.6	17.7	16.8	6.3	5.9	5.6	5.6	5.4	4.9
100	64	44	15	11		10	13	50	

	82.0	82.0	80.8	81.8	90.0	90.6	90.8	90.7	91.2	91.6	91.7
Top	14.2	14.2	15.4	14.4	6.2	5.6	5.4	5.5	5.0	4.6	4.5
100	77	42	33	19	12		8	18	50	100	

	11.2	9.5	6.2	5.4	5.2	5.0	5.1	5.3	5.0	4.9	5.6	5.6
70	38	32	23	10		9	23	26	33	35	60	

Sta.	+	π	-	Elev.
		896.17		
11	+50			91.4.
	+67			91.5 .
	+78			91.6 .
	+85			91.6 .
12				91.7 .
	+36			92.0 .
	+69			92.6 .
13				93.1 .

8-19-44

37

Lt.

E

Rt.

Top
wall
+

87 6.7 59 61 50 4.8 5.1 4.9 57 56 21 0.2
70 44 32 29 10 15 19 21 22.6 22.6 50

71 6.3 4.8 4.7 4.9 5.6 2.0 1.6 +7.4
50 28 10 10 18 18 24 39

6.8 5.9 5.7 5.9 4.8 4.6 4.9 5.0 5.6 5.6 2.0 1.6 +8.0
50 33 26 21 10 11 13 15 18 18 23 37

FL. CWN

131 12.0 10.9 8.0 5.6 5.6 4.8 4.6 4.8 5.6 5.6 4.9 2.1 2.0 +8.1
100 50 41 40 32 20 10 13.8 15.4 16.6 18 18 22 36
along ditch

5.8 5.1 5.3 4.7 4.5 4.8 5.4 5.4 4.8 2.1 2.0 +8.0
50 33 18 10 14 15.6 16.6 18.4 18.4 21 35

6.2 5.5 4.8 5.5 4.5 4.2 4.5 5.1 5.1 4.4 2.0 2.0 +7.0
50 41 32 21 10 15 16.8 18 19 19 20 35

6.4 5.8 4.2 4.6 3.9 3.6 4.0 4.0 4.6 4.6 4.0 1.9 1.9 +6.8
50 40 23 21 12 11 15 17 18.6 19.6 19.6 21 35

6.6 4.5 3.7 3.9 3.4 3.1 3.3 3.3 4.0 4.1 3.4 1.8 1.7 +6.7
50 32 21 20 11 11 16.4 17.5 18.4 20.3 20.3 23 35

Sta.	+	π	-	Elev.
		896.17		
13	+50			93.8
T.P.	8.17	902.78 ^{.79}	1.55	894.62

14				94.6
----	--	--	--	------

+50				95.4
-----	--	--	--	------

15				96.3
----	--	--	--	------

+50				97.0
-----	--	--	--	------

X

16				97.6
----	--	--	--	------

+50				98.2
-----	--	--	--	------

8-21-44

38

Lt.

E

Rt.

E
pitch
↓

143 143 93 72 5.1 2.9 2.7 2.4 2.5 3.4 3.4 0.9 +4.6 ✓
 100 98 80 50 34 19 11 16 18 19 24 34
 E sta 14

shldr.
↓

17.7 18.2 2.10 2.10 140 109 87 8.6 8.6 8.2 8.4 8.5 9.2 9.2 7.0 +0.3 ✓
 100 85 76 71 50 34 24 20 10 12 17 18.4 19.9 24.6 34

shldr.
↓

186 185 20.7 20.7 140 88 81 7.6 7.7 7.4 7.7 7.8 8.6 8.6 6.2 +0.9 ✓
 80 62 57 52 36 27 24 20 10 13 17 19 20.3 25 37

shldr
↓

185 182 20.2 20.2 137 7.6 6.8 6.8 6.5 6.7 6.7 7.8 7.8 5.4 +0.9 ✓
 74 58 52 48 34 22 19 9 13 17 19 20.6 25.7 35

18.2 18.1 20.5 20.5 141 7.5 6.8 6.4 5.8 6.2 6.4 7.1 7.0 4.6 +1.4 ✓
 74 58 52 48 34 21 19 11 14 18 19 20.8 25.7 36

X

184 179 20.5 20.5 132 6.8 6.0 5.4 5.2 5.6 5.7 6.3 6.3 3.8 +1.1 +31 ✓
 76 60 54 50 34 21 19 8 14 18.3 19.7 21 26.3 37.5 37.5

Top
Wall
↓

188 181 20.2 20.0 123 5.9 5.3 4.9 4.6 5.1 5.1 5.6 5.6 2.7 +1.1 +3.4 +3.4 ✓
 76 60 55 50 33 20 18 9 15 19.4 20 21.7 26.6 38 38 39.3

Top Wall
↓

+4.8 +1.6 +0.6
 81 88 39.3

Sta.	+	π	-	Elev.
		902.78 ⁷⁹ .		
16	+68	Profile of emb. rt.		898.4.
17				98.1.
	+43			99.0.
	+67			99.1.
18	+95	End culv. Lt.		
				99.3.
	+18	X Drain		99.3.

Lt

E

Rt

44 47 47 1.2 0.4 +0.7 H.0
12 19.4 38 44 56 75

✓

Shldr
19.2 18.8 20.1 20.1 10.2 5.5 4.8 4.3 4.1 4.3 4.6 5.3 5.3 2.3 +1.7 +2.1 +4.4
78 62 58 52 32 22 19 9 14 19 20.3 22.3 27 34 38 38

Top
Wall

+5.5 +2.3 +1.7 +4.4
89 89 39.5 39.5

✓

186 185 20.1 19.9 10.1 5.2 4.3 4.1 3.8 4.1 4.9 4.4 2.5 1.2 +2.3
80 66 62 55 31 20 15 8 14 22 26 32 38 75

Shldr

19.1 18.7 20.0 19.8 9.7 7.7 4.1 4.3 3.9 3.7 3.9 5.1 4.6 3.2
89 73 70 63 35 30 23 14 9 14 23 27 50

✓

882.59

20.2
66

185 184 196 195 128 7.4 6.4 4.8 3.9 3.5 3.8 4.5 6.1 7.8 6.4
100 88 84 75 57 43 30 17 9 14 22 28 38 50

✓

F.L.

Top

16.3 5.9 8.0 6.1 5.6 4.8 3.9 3.5 3.9 4.6 12.1 11.4 7.4 6.7
M.H. 52 32 26 19 8 14 19 28 33 45 60

✓

FL. Culv.

Sta.	+	π	-	Elev.
		^{.79} 902.78.		
18	+30			899.3.
	+69			99.4.
19				99.5.
I.P.	17.03	^{.48} 919.47.	0.34	^{.45} 902.44
	+26			(99.5)
	+50			(99.3)
	+64			(99.2)
20				(98.9)
	+50			(98.7)

Lt.

L

Et.

✓

7.7 6.6 5.8 4.7 3.8 3.9
56 34 31 21 11 9

35 3.8 4.0 6.2 7.3 6.7 6.8
13 17 29 37 42 60

✓

7.5 6.8 5.4 4.1 3.6 3.4 4.0 4.7 3.9 3.7 5.2 4.8
60 42 31 19 9 13 21 25 29 37 60

✓

6.8 4.9 4.4 4.0 3.4 3.5
60 39 31 19 10 8

33 3.7 3.8 4.6 0.0 1.1 1.3
14 16 23 29 34 38 57 75

✓

- 20.0

13.4 12.6 13.4 14.2 15.9 16.7
33 38 43 50 75 100

✓

- 20.2

10.6 11.7 13.3 15.6
36 45 62 100

- 20.3

9.8 9.6 11.8 13.7 14.8
37 41 55 77 100

✓

17.3 17.3 11.5 9.7 9.3 - 20.6 7.3 7.4 9.1 11.2 12.5
100 80 58 45 38 39 44 53 78 100

✓

8.6 7.4 5.7 4.0 - 20.8 11.5 5.0 6.4 8.8 9.3
100 82 57 44 39 45 50 76 100

✓

Sta.	+	π 48 919.47	-	Elev.
21				98.4
	+30			98.4
	+55			98.2
22				97.8
	+50			97.4
23				96.9
	+45			96.4
	+70			96.1

Lt.

E

Pt.

6.1 43 2.9 16 5.2 7.6 9.5 43 5.1 7.7 9.1 5.5 ✓
 100 77 57 54 47 40 (-21.1) 39 44 50 70 100

6.0 5.2 2.2 0.6 1.4 5.3 6.6 8.7 10.0 ✓
 100 79 57 50 46 (-21.1) 42 61 70 100

3.8 8.3 2.4 13 9.7 6.9 8.0 10.5 11.5 ✓
 100 80 58 46 (-21.3) 36 41 49 72 100

5.4 5.3 4.2 4.0 10.5 9.9 10.4 12.9 13.7 ✓
 100 65 50 43 (-21.7) 34 37 45 75 100

7.8 8.2 7.9 7.2 12.0 11.0 11.8 14.3 15.8 ✓
 100 73 50 40 (-22.1) 34 36 43 71 100

10.2 10.2 9.1 8.4 13.2 12.3 13.4 16.1 17.6 ✓
 100 75 45 38 (-22.6) 33 35 42 71 100

12.0 11.0 9.9 8.9 15.7 15.0 16.0 18.8 20.5 ✓
 100 66 42 38 (-23.1) 31 33 40 68 100

12.7 12.2 10.8 10.0 23.4 ✓
 100 71 41 37 (-23.4)

Sta	+	π ^{.48} 919.47	-	Elev
23	+95			(95.6)
24				(95.6)
T.P.	1.22	^{.67} 903.66	17.03	^{.45} 902.44
19	+26			899.5
	+50			99.3.
	+64			99.2.
20				98.9.
	+50			98.7.
21				98.4.

Lt.

E

Rt.

14.7 14.2 13.5 12.7 12.2 - 23.9
100 80 55 39 35

✓

15.2 14.3 13.8 13.2 12.8 - 23.9
100 76 50 39 35

✓

5.5 4.9 4.6 4.5 4.2 4.6 4.9 5.4
55 33 19 10 11 16 22

✓

5.4 4.9 4.7 4.4 4.8 4.9
50 33 11 12 20

✓

6.7 6.0 5.2 4.9 4.5 4.9 4.8
50 30 19 11 13 21

✓

3.5 4.9 5.1 4.8 5.2 5.1 4.5
21 15 10 14 18 22

✓

3.5 4.9 5.1 5.0 5.5 3.0
19 15 10 14 24

✓

4.3 4.7 4.9 5.3 5.3 5.7 5.6 4.4
18 14 9 12 15 22

✓

Sta	+	π	-	Elev.
		903. ^{.67} 66		

21	+30			898.4.
----	-----	--	--	--------

	+55			98.2.
--	-----	--	--	-------

22				97.8.
----	--	--	--	-------

	+50			97.4.
--	-----	--	--	-------

T.P.	10.15	906. ^{.67} 66	715	896. ^{.52} 51
------	-------	------------------------	-----	------------------------

23				96.9.
----	--	--	--	-------

	+45			96.4.
--	-----	--	--	-------

	+70			96.1.
--	-----	--	--	-------

	+95			95.6.
--	-----	--	--	-------

Lt

E

Bt

41 4.8 5.6 5.5 5.3 5.8 6.2 5.4 5.1 30 ✓
18 16 15 9 12 17 18 21 24

41.5 4.5 5.0 6.0 5.6 5.5 5.9 6.4 5.5 5.5 1.8 ✓
29 19 16 15 10 12 17 18 20 28

41.4 5.6 5.6 6.5 6.1 5.9 6.3 6.8 6.1 5.5 3.5 ✓
31 20 17 16 10 13 17 18 21 25

4.5 5.9 7.1 6.7 6.3 6.6 7.2 6.6 3.3 ✓
26 17 16 11 12 17 20 27

X

5.3 9.2 9.8 10.5 10.0 9.8 10.1 10.8 10.1 9.1 ✓
28 22 17 16 11 12 17 18 24

9.6 10.0 11.0 10.5 10.3 10.6 11.2 10.4 ✓
20 17 16 10 11 17 22

7.6 10.5 11.3 10.8 10.6 11.1 11.5 10.8 8.1 3.2 9.4 5.6 8.4 ✓
25 18 16 10 12 18 21 25 31 37 59 100

8.8 10.9 11.5 11.2 11.1 11.3 11.6 12.7 12.7 5.4 5.1 6.3 7.8 7.9 9.4 ✓
24 17 16 10 9 16 17 19 29 38 52 58 70 100

Sta.	+	π	-	Elev.
		^{.67} 906.66		
24				895.6.
413.77	Profile of Jackson St.			95.4.
+31				95.1.
+42				94.9.
+68				94.5.
25				94.3.
B.M.	1.16	898.22	9.63	^{.04} 897.03- (897.06)
+50				94.1.
26				93.7.

Lt.

C

Rt.

✓

89	105	110	115	113	111	113	114	109	106	105
24	20	17	14	9		9	23	50	70	100

113	113	112	109	106
10	25	50	100	

61	53	58	46	44	108	115	119	119	116	115	117	115	111
100	36	47	36	32	23	17	16	11		9	29	39	60

70	72	60	64	105	115	121	121	118	119	121	134	123	88	91	104	
100	46	34	31	24	20	15	11		10	18	19	20	21	28	44	60

96	96	82	94	99	123	125	122	123	126	135	109	103	117	126	
100	60	47	32	27	21	10		11	18	19	20	24	27	45	60

121	118	116	111	117	129	128	124	127	129	132	121	124	138	
100	67	38	29	23	20	10		11	17	18	19	22	39	60

Spt. in G.R. Lt sta 24+42

59	53	47	53	49	46	41	44	48	54	66	74
60	42	24	23	17	12		11	17	23	40	60

67	70	62	48	47	45	48	53	63	78	85
60	48	27	18	11		11	19	26	43	60

Sta.	+	π	-	Elev
		898.22		
26	+50			893.0.
27				92.4.
	+50			92.0.
28				91.4.
	+50			90.9.
29				90.5.
I.P.	7.98	898.18	8.02	890.20
	+50			90.3.
30				90.1.

Lt.

2

Et.

8.8 7.9 5.8 5.5 6.2 5.7 5.9 6.8 8.4 9.1 ✓
60 29 16 10 12 19 23 44 60

9.5 8.7 8.1 6.3 6.0 5.8 6.0 6.4 8.0 9.7 10.3 ✓
60 29 22 16 10 11 15 23 40 60

10.6 10.4 9.6 7.0 6.5 6.2 6.6 6.9 9.5 11.0 11.2 ✓
60 34 23 15 10 11 16 23 42 60

11.0 11.0 10.5 7.3 7.0 6.8 7.1 7.6 10.0 11.4 11.8 ✓
60 31 23 15 10 11 15 21 40 60

11.1 11.3 10.7 7.7 7.5 7.3 7.6 8.0 10.2 11.8 12.2 ✓
60 44 25 15 10 11 15 21 40 100

11.0 11.0 10.5 8.1 7.7 7.7 7.9 8.4 10.6 11.5 11.6 ✓
60 40 23 16 10 11 14 21 47 60

11.2 11.1 10.3 8.7 8.2 7.9 8.2 8.9 10.4 11.5 11.4 ✓
60 35 24 16 11 11 15 19 42 60

11.2 11.1 10.2 8.9 8.5
60 35 22 16 11

8.1 8.3 9.0 10.1 11.1 11.0 ✓
11 14 18 41 60

Sta	+	π	-	Elev
		898.18		
30	+50			889.9.
31				89.7.
	+50			89.5.
32				89.4.
	+50			89.4.
33				89.1.
	+50			88.4.
34				87.4.

Lt

d

Et

10.5 10.8 10.2 10.3 9.2 8.6 8.3 8.6 9.1 9.9 10.7 10.7 ✓
60 50 27 21 16 11 11 14 17 41 60

X

✓

10.0 10.4 9.7 9.8 10.8 9.2 8.7 8.5 9.0 9.6 10.2 10.8 10.6 10.7
60 37 32 27 21 16 10 10 15 18 26 44 60

9.5 9.8 9.1 10.7 10.7 9.4 8.8 8.7 8.8 9.3 10.2 10.7 11.1 11.0 ✓
60 48 30 22 18 13 9 10 15 18 24 41 60

9.6 9.9 9.2 9.5 10.7 10.6 9.3 8.9 8.8 9.0 9.6 10.3 11.5 11.9 ✓
60 50 33 28 21 12 13 9 11 15 19 41 60

9.5 9.7 9.1 11.0 11.0 9.6 9.1 8.8 9.1 9.3 10.3 11.5 11.9 ✓
60 39 29 21 18 14 9 11 14 20 40 60

8.3 8.6 8.0 11.1 11.1 9.7 9.4 9.1 9.4 9.8 10.6 11.9 12.6 ✓
60 38 30 21 17 12 9 11 17 23 41 60

4.9 6.5 7.4 7.0 10.2 11.6 11.6 10.6 10.3 9.8 10.1 10.6 11.8 12.9 14.3 ✓
100 71 50 32 24 19 18 14 11 10 16 24 38 60

✓

3.2 4.6 6.3 6.9 6.5 9.5 10.1 12.4 11.7 11.2 10.8 11.1 11.5 13.0 14.8 16.3
100 79 54 37 31 25 22 18 15 10 10 17 23 40 60

Sta.	+	π	-	Elev.
		898.18		
34	+38			886.7.
	+69			86.0.
35				85.2.
	+29			84.6.
	+98			84.2.
	+69			83.7.
36				82.8.
T.P.	1.31	886.01	13.48	884.70
35				(85.2)

8-21-44

47

Lt

L

Pt

✓
 16 47 59 58 102 111 132 124 118 115 118 122 140 159 169 151
 100 60 39 30 25 22 18 15 10 9 16 24 50 77 100

✓
 00 24 41 45 44 110 119 139 132 124 122 123 128 149 161 192 184 149
 100 71 51 38 34 24 21 18 16 10 9 16 23 32 59 75 100

✓
 H10 10 31 38 35 116 125 145 136 131 130 131 137
 100 77 55 41 36 26 22 20 18 15 11 9 16

✓
 108 15 37 46 122 149 143 137 136 137 147 159
 100 77 54 36 26 20 18 17 11 10 18 22

✓
 04 34 53 54 135 154 148 141 140 141 153
 100 68 44 37 27 20 17 15 10 10 20

✓
 24 43 59 64 78 159 152 148 145 147 160
 100 73 52 40 33 23 18 15 11 10 20

✓
 54 86 113 144 175 158 156 154 157 168
 100 75 52 27 23 17 13 9 10 20

○ - 0.8

✓
 42 63 93 85 73 51
 21 33 53 70 77 100

Sta	+	π	-	Elev
		886.01		
35	+29			(84.6)
	+48			(84.2)
	+69			(83.7)
36				(82.8)
	+30			82.1.
	+60			81.2.
37				80.2.
	+27			79.7.

Lt.

2

Rt.

(-1.4)

6.3 10.0 127 118 110
26 46 66 87 100 ✓

(-1.8)

7.2 9.8 148 156
26 39 70 100 ✓

(-2.3)

10.0 13.7 16.2 17.6
31 50 69 100 ✓

(-3.2)

11.8 15.6 17.6 18.8
31 50 77 100 ✓

0.6	3.6	5.5	7.2	7.1	5.0	4.3	3.9	4.1	5.2	6.0	12.3	15.8	18.2	19.3	20.1
100	72	50	32	19	15	12	11	22	24		32	50	64	87	100

7.1	9.2	10.1	10.7	9.0	6.2	5.2	4.8	5.1	6.1	6.9	12.7	15.3	17.4	19.3	19.9
100	83	57	32	20	16	12		12	23	25	34	50	63	84	100

13.9	15.1	15.7	16.0	14.2	6.6	6.2	5.8	6.2	6.9	7.5	15.0	17.4	19.5	18.5	
100	75	50	39	27	16	12		12	22	24	35	50	70	100	

14.5	17.5	17.8	17.1	15.8	7.4	6.9	6.3	6.9	7.8	8.8	17.3	19.8	18.8	17.0	
100	75	50	33	27	16	12		12	22	25	36	64	82	100	

Sta	+	π	-	Elev.
		886.01		
37	+60			879.2.
38				78.6.
	+11	X Drain 24" corr.		78.4.
	+48			77.7.
	+81			77.2.
39				77.1.
	+35			77.1.
	+54			77.0.

Lt.

E

Rt.

189 186 192 183 85 75 72 68 72 79 87 174 197 180 16.0
 100 75 50 32 17 16 12 12 20 22 35 61 83 100

✓

✓

190 202 208 204 190 90 85 80 74 80 88 99 177 192 197 196 191 182
 100 80 50 37 33 18 17 13 12 19 20 32 36 50 64 88 100

FL

X

✓

FL.7

22.6 187 206 207 193 93 86 81 74 81 89 100 180 196 195 194 183 2195
 375 100 75 39 33 18 17 13 13 18 20 32 39 50 77 100 355

✓

204 224 216 201 109 94 88 83 86 91 102 174 182 182 181 166
 100 68 41 31 18 16 12 12 18 21 32 37 50 75 100

✓

23.5 231 21.8 20.5 197 115 102 94 88 89 95 105 149 156 143 118 106 73
 100 75 44 33 31 18 16 12 12 17 19 26 35 50 67 82 100

✓

234 234 216 200 183 112 102 94 89 91 101 107 139 144 142 112 66 111
 100 75 50 32 28 18 17 12 12 16 18 23 35 43 59 80 100

✓

233 228 199 171 164 107 100 93 89 94 100 104 121 129 123 91 40 0.0
 100 75 50 29 27 17 15 12 12 16 17 21 24 41 58 80 94

✓

22.9 21.9 190 167 161 155 109 94 102 90 9.5 101 11.7 113 90 47 0.0
 100 77 50 35 28 25 17 12 15 13 16 23 29 42 62 84

Sta	+	π	-	Elev
		886.01		
39 +78				877.1.
40				77.1.
+27				77.3.
B.M.	6.13	888.56	359	882.42 (882.43).
+47				77.5.
+76				77.6.
41				77.7.
+17				77.8.
+49				78.2.

Lt.

E

Rt.

20.2 19.7 18.9 16.1 14.4 13.8 10.4 9.9 9.3 8.9 9.3 10.0 9.2 7.8 3.2
 100 72 64 50 27 23 17 16 13 11 16 22 35 50

✓

15.5 13.8 12.6 10.3 10.2 9.1 8.9 8.9 9.2 10.0 9.1 5.5 3.8 3.3 2.7 0.0
 100 74 38 23 17 12 9 13 16 22 27 30 31 40 50

✓

9.4 5.6 3.0 2.6 3.1 9.2 8.9 8.7 8.9 9.1 9.5 8.2
 100 67 50 27 19 15 13 11 15 16 23
 Spt. in RR Rt sta 40+44

✓

8.7 8.0 3.2 1.1 4.8 8.3 10.8 11.4 11.5 11.1 11.4 11.5 11.8 11.6 10.4 7.0
 100 84 50 29 27 22 17 14 9 11 14 15 20 20 27

✓

5.7 5.2 3.6 1.2 5.2 9.5 10.7 11.5 11.0 11.4 11.8 11.5 9.4 4.6
 100 72 50 31 28 22 18 12 10 16 21 21 29

✓

10.5 7.8 5.0 4.2 3.1 2.7 10.9 11.7 11.1 11.3 10.9 11.3 11.7 11.3 9.6 6.9
 100 90 59 41 31 26 20 17 13 10 11 18 21 22 29

✓

11.9 9.4 7.5 4.7 10.5 11.8 11.0 11.1 10.8 11.2 11.4 11.4 8.5 5.5
 100 70 50 28 22 18 13 9 11 18 21 23 30

✓

~~18.8 16.9 14.0 13.6~~ 11.6 11.2 12.4 11.5 10.9 10.7 10.4 10.8 10.7 9.0
~~100 66 40~~ 32 24 22 18 15 13 9 12 20 22

✓

Sta.	+	π	-	Elev.
		888.56		
B.M.	17.77	900.20	6.13	882.43
39+78				(77.1)
40				(77.1)
+27				(77.3)
+47				(77.5)
+76				(77.6)
41				(77.7)
+17				(77.8)
+49				(78.2)

Lt.

E

Pt.

-23.1

12.3 9.2 7.9
70 87 100

✓

-23.1

9.1 8.1 6.1
72 79 100

✓

-22.9

16.2 15.2 14.1 11.7 8.3 6.0
31 36 48 59 78 100

✓

-22.7

12.8 12.8 10.8 9.0 7.6
33 46 59 79 100

✓

-22.6

9.5 9.2 9.1 7.7 6.7
38 42 67 85 100

✓

-22.5

7.7 7.0 7.0 5.6 4.6
39 41 63 79 100

✓

-22.4

6.2 5.7 5.0 3.6 2.9
39 54 69 82 100

✓

-22.0

4.6 3.6 1.5 0.5 0.1 1.8 3.7
41 50 73 85 100 120 150

✓

Sta.	+	π 900.20	-	Elev.
41+69				78.5
42				79.2
+23				79.7
+50				80.4
B.M.	1.46	883.89	17.77	882.43
41+49				78.2
+69				78.5
42				79.2
+23				79.7

Lt.

E

Rt.

-21.7

13.0 98 79 6.1 4.4 3.2 3.3 4.8
32 41 55 60 75 100 113 150

✓

-21.0

15.3 10.2
75 100

✓

-20.5

12.3
100

✓

-19.8

13.7
100

✓

-5.7

188 169 152 140
100 66 50 40

✓

21.5 20.7
100 78

18.8 16.8 14.1 12.9 5.8 5.9 5.4 5.7 5.7 4.8 4.4
50 35 26 17 13 10 12 18 20 22

✓

20.9 24.1 22.4 21.2 19.5 17.3 16.0 5.3 5.2 4.7 5.2 5.4 10.4 10.7 6.0 4.5
100 87 66 50 38 32 16 13 9 13 15 26 31 39 50

✓

26.8 25.9 24.3
100 86 69

22.4 21.0 5.9 4.8 4.7 4.2
50 39 17 15 10

4.7 5.1 13.4 13.6 12.5 6.9
12 15 31 37 45 67

✓

Sta.	+	π	-	Elev
		883.89		
42+50				880.4.
+81	24"X	Conc. X-Drain		81.4.
43				82.3.
+37				(84.0)
+58				(85.1)
44				(87.4)
+16				(88.2)
B.M.	12.30	894.73	1.46	882.43
43 +37				84.0.

8-22-44

53

Lt

C

Rt

27.9 24.1 24.4 23.3 5.4 4.1 3.8 3.5 3.8 4.7
100 69 50 44 19 15 11 12 17

15.0 15.3 14.9
34 45 57

57.7

F.L. Conv.

50
F.L.

26.2 26.1 25.6 24.0 21.8 21.3 20.2 20.0 2.8 2.5 2.8 3.2 18.0 16.6 14.2 15.5 10.1
51 100 82 86 50 47 41 15 11 10 15 38 37 50 60 73

20.2
100

25.0 24.8 22.5 20.4 18.1 2.5 1.7 2.0 1.6 2.0 2.6
100 83 58 45 38 18 15 9 11 17

15.1 14.8 14.7 9.4 2.1
36 50 63 75 100

23.2 22.6 21.0 20.0
100 77 47 44

+0.1

12.8 12.0 5.7 1.2
35 50 72 100

21.4 20.4 19.5 17.8
100 77 47 43

+1.2

10.8 10.8 9.8 8.0 4.9 3.2
32 36 39 51 62 71
+0.3
100

19.6 17.8 15.7 15.2 13.8
100 80 50 46 40

+3.5

17.7 17.0 14.6 12.9
100 74 50 40

+4.3

11.9 11.1 11.1 10.7 10.9 11.1 12.0
16 13 10 10 15 17

Sta.	+	π	-	Elev.
		894.73		
43	+58			85.1.
44				87.4.
	+16			88.2.
	+58			90.2.
	+79			91.2.
45				92.3.
I.P.	18.29	913.00	0.02	894.71
	+17			93.1.
	+34			93.8.

Lt.

Q

Rt.

11.2 10.2 9.9 9.6 9.9 10.1 11.0
17 13 9 10 14 17

✓

9.2 8.4 7.7 7.3 7.5 7.9 8.7 16.1 16.1 14.5 12.1 9.2 7.7 8.3
18 16 9 10 14 16 28 32 38 50 66 83 100

✓

8.4 7.5 6.8 6.5 6.7 7.1 7.8 12.6 12.9 12.4 9.6 8.6 9.0
19 16 9 9 15 17 33 36 43 63 86 100

✓

14.4 13.7 13.4 20.6 20.5 18.8 9.3 5.6 4.8 4.5 4.8 5.5 7.3 8.6 9.2 11.4
100 77 52 44 41 35 26 19 9 9 14 25 50 72 100

✓

7.4 6.6 6.6 12.9 17.0 16.7 4.6 3.7 3.5 3.8 4.6 5.9 7.7 8.8 9.5
100 71 55 47 42 35 19 9 9 16 21 40 76 100

✓

0.9 4.0 0.4 0.5 3.5 2.9 2.6 2.4 2.7 3.4 3.4 4.0 4.2 4.1 0.0 5.0
100 67 50 28 23 15 8 10 16 21 28 33 48 71 100

✓

12.6 11.7 13.2 15.3 20.6 20.8 20.1 19.9 20.4 20.8 19.2 7.8 9.8 14.6 20.1
100 75 50 30 24 16 9 10 15 22 35 50 74 100

✓

5.7 4.9 5.6 9.6 10.3 16.7 19.3 19.9 19.3 19.2 19.6 19.9 17.1 5.8 5.6 6.7 8.1 10.4 15.8
100 82 62 41 34 28 21 15 9 10 17 24 36 40 50 62 77 100

✓

Sta.	+	π	-	Elev.
		913.00		

45	+58			94.9
----	-----	--	--	------

	+70			95.5
--	-----	--	--	------

46				96.8
----	--	--	--	------

	+25			97.9
--	-----	--	--	------

	+71			999.8
--	-----	--	--	-------

47				901.0
----	--	--	--	-------

	+10			01.4
--	-----	--	--	------

	+38			02.4
--	-----	--	--	------

Lt.

E

Rt.

✓
 151 176 187 184 181 185 188 177 138 21 26 28 56 97
 26 16 15 9 10 17 21 27 40 50 45 83 100

✓
 127 164 174 182 177 175 179 182 173 142 28 17 18 10 25 54
 28 22 15 14 9 10 16 21 26 38 41 47 67 78 100

✓
 110 150 156 170 165 162 166 169 155 129
 28 18 16 15 9 10 15 21 26

✓
 66 127 147 157 153 151 152 156 150 130
 33 23 16 14 9 10 15 21 25

✓
 82 127 133 132 132 133 138 150 96
 26 17 14 9 11 17 21 26

✓
 98 115 123 120 120 122 124 112 83
 21 15 14 7 11 16 21 25

✓
 91 112 120 117 116 118 121 112
 23 15 14 8 11 17 22

✓
 86 103 110 107 106 110 115 105
 22 16 15 9 11 17 21

Sta.	+	π	-	Elev.
		913.00		

47 +62

03.1

48

04.2

+23

04.7

+62

05.5

T.P.

407

908.93

T.P.

11.16

920.56

3.60

909.40

45 +58

(94.9)

+70

(95.5)

46

(96.8)

+25

(97.9)

Lt.

2

Et.

64 91 100 99 99 102 103 95
23 20 15 8 12 16 22

✓

77 88 89 88 90 95 94
18 16 8 12 18 22

✓

78 84 84 83 85 92 87
18 15 9 12 18 22

✓

X

✓

50 78 76 75 78 81 75 38
23 17 10 13 18 21 27

Nail in T.P.

85 56 48 57 84
125 100 85 64 45

-25.7

✓

68 42 36 42 71
125 100 85 67 46

-25.1

✓

83
125

56 51 39 49
100 82 64 48

-23.8

132 120 124 100 95 102
31 39 45 66 92 100

✓

89 44 35 39
100 79 57 49

-22.7

128 124 131 129 120 114
32 36 41 50 72 100

✓

Sta.	+	π	-	Elev
		.56 920.52		
46	+71			(899.8)
47				(901.0)
	+10			(01.4)
	+38			(02.4)
	+62			(03.1)
48				(04.2)
	+23			(04.7)
	+62			(05.5)

Lt.

Q

Pt.

153 91 50 35 104 107 87 71 71 108
 100 82 64 45 -20.8 52 39 55 81 100 125

130 73 51 39 -19.6 86 85 29 20 28 97
 81 63 50 41 32 38 70 80 100 125

113 59 44 -19.2 86 87 35 19 27 100
 75 50 41 32 38 65 78 100 100

101 69 60 -18.2 116 104 107 90 58 58 123
 70 45 37 29 33 37 55 80 102 125

Cor. Ho.

77 78 121 116 115 102 99
 35 32 -17.5 31 35 50 75 100

Cor. Ho.

5.0
 El. 1st floor ho.

66 69 -16.4 109 105 113 108 108 113
 36 31 28 30 33 43 75 100

56 66 -15.9 88 94 96 96 98
 55 31 30 34 52 79 100

71 69 -15.1 50 55 59 62 60
 52 31 32 37 44 70 100

Sta.	+	π ^{.56.} 920.52	-	Elev.
48	+82			05.9
49				06.2
+37				06.8 ✓
B.M.	480	912.89	12.47	908.09 908.05 (908.09) ✓
+70				07.1
50				07.3
+15				07.6
+22				07.7
+	X Drain			

Lt.

8

Rt.

151 151 147 116
13 18 20 26

✓

8.9 9.0 8.0 7.6 8.5 12.3 14.8 14.9 14.7 4.1 4.8 5.3 4.9 4.8 4.5
6.6 5.5 5.0 3.4 3.0 2.2 1.4 9 3.3 3.7 4.5 5.6 8.1 10.0

✓

10.9 10.5 10.0 9.8 11.6 14.4 14.5 14.4 14.7 15.0 14.2 6.1 5.5 6.8 7.0 6.9 6.4
7.0 4.8 4.3 3.1 2.4 1.6 8 1.2 1.7 2.2 3.3 3.5 3.9 4.5 7.3 10.0

✓

21.5 11.9 12.6 13.9 13.8 14.2 14.9 14.8 8.9 8.9 9.6 10.8 12.3 12.8
8.9 4.1 2.6 9 11 17 21 29 34 3.6 5.0 6.9 10.0

Top Mont. "A2" + McMenamy

✓

14.2 15.7 13.1 9.2 7.0 5.5 5.8 5.8 6.1 6.7 6.2 2.4 3.5 5.4 6.8 7.4
10.0 6.7 5.6 4.0 2.6 2.5 9 11 17 21 2.7 3.3 5.6 7.9 10.0

✓

16.0 15.8 12.1 9.5 6.1 5.6 5.6 5.6 5.8 6.2 6.5 4.2 4.1 5.0 6.2 6.6
10.0 7.0 4.3 2.8 2.2 2.0 11 11 16 21 2.3 3.1 4.0 7.2 10.0

✓

15.4 14.5 11.9 10.2 7.4 5.6 5.5 5.3 5.6 5.6 5.8 4.6 4.6 5.2 5.5
10.0 7.6 5.6 3.2 2.3 2.0 15 2.0 2.3 2.6 3.1 4.5 7.1 10.0

✓

10.8 10.0 8.4 9.0 7.5 5.7 5.2 5.2 5.3 5.6 5.8 4.8 5.0 5.2 5.2
10.0 6.9 3.9 3.1 2.5 2.1 9 9 2.4 3.1 3.4 4.5 7.9 10.0

903.80

91 = F.L. GULV.

7.5 = F.L. GULV.

705.40

Sta.	+	π	-	Elev.
		912.89		

50 + 26				07.8.
---------	--	--	--	-------

+4217 E. McMenemy St.				08.1.
-----------------------	--	--	--	-------

+59				08.3.
-----	--	--	--	-------

+65				08.4.
-----	--	--	--	-------

+71				08.4.
-----	--	--	--	-------

51				08.6.
----	--	--	--	-------

T.P.	18.96	931.85	0.00	912.89
------	-------	--------	------	--------

+33				(09.2)
-----	--	--	--	--------

+60				(09.9)
-----	--	--	--	--------

Lt.

E

Et.

6.8 6.9 6.5 8.7 5.9 5.2 5.1 5.3 5.7 6.4 6.2 6.3 6.3
100 70 39 26 24 9 9 28 34 45 73 100

6.4 6.4 6.0 5.9 5.5 4.9 4.5 4.9 5.3 5.4 5.0 4.6
200 150 100 72 38 9 25 50 100 150 200

6.8 6.3 5.8 5.8 4.9 4.6 4.6 5.2 5.6 5.4 5.7 5.9
100 68 37 26 11 8 23 29 35 67 100

FL.)

FL.)

8.6 7.8 6.9 7.7 6.0 5.5 4.7 4.5 4.6 5.3 5.4 7.0 6.6 6.6 7.0 6.7
100 74 45 29 28 21 8 9 22 30 31 32 50 73 100

8.4 8.1 6.3 6.4 5.2 4.6 4.5 4.6 5.1 5.2 6.0 5.2 5.1 5.3 4.9 3.7 4.0
100 74 45 29 17 8 9 19 25 28 34 51 74 69 92 100

3.0 2.2 2.9 4.2 4.7 4.6 4.3 4.6 4.8 4.1 3.6
73 50 30 21 15 10 10 17 20 60

10.4 12.3 14.5
100 64 46

-22.7

8.2 9.3 10.4 13.3 14.8
8.7 6.2 4.7 3.9 3.1

-22.0

Sta.	+	π	-	Elev.
		931.85		
52				(910.8)
+36				(11.5)
+45				(11.7)
+82				(12.6)
53				(12.9)
+25				(13.4)
+61				(14.0)
54				(14.0)

Lt.

4

Bt.

6.2: 1st Floor of Ho.

74 76 84 106
90 70 51 38

(-21.1)

✓

70 79 91 116
100 57 41 36

(-20.4)

✓

68 74 82 99
100 72 55 43

(-20.2)

✓

28 38 51 88
100 67 43 37

(-19.3)

✓

23 30 44 83
100 67 46 39

(-19.0)

✓

22 22 34 77
100 69 43 37

(-18.5)

✓

35 33 44 72
100 72 42 36

(-17.9)

✓

80 75 85
100 70 37

(-17.9)

✓

Sta	+	π	-	Elev
		931.85		
54	+23			(914.0)
T.P.	6.20	919.09	18.96	912.89
51	+33			09.2.
	+60			09.9.
52				10.8.
	+36			11.5.
	+45			11.7.
	+82			12.6.
53				12.9.

Lt.

E

pt.

96 10.0 10.6
100 70 34 -17.9

✓

62 8.9 92 101 10.1 9.9 10.1 10.4 9.7 8.9
27 22 17 14 10 9 17 29 60

✓

74 8.9 95 9.5 X 92 9.5 9.7 9.2 8.5 8.6
23 18 17 10 10 17 24 33 60

✓

5.8 7.4 8.4 8.6
25 19 17 11

8.3 8.5 8.7 7.2 5.6
10 16 33 60

✓

5.4 6.6 7.7 7.9 7.6
25 19 17 11

7.9 8.0 6.3 4.2
9 15 35 60

✓

4.8 6.0 7.2 7.6 7.4 7.7 7.8 6.1 4.2
26 19 17 9 10 17 36 60

✓

4.8 5.5 6.5 6.8
23 18 17 10

6.5 6.8 7.1 6.9 5.2 4.0
10 18 17 39 60

✓

X

✓

4.5 5.1 6.2 6.5 6.2
23 18 17 13 9

4.2 6.2 6.5 5.6 3.4
10 18 25 60

Sta.	+	π	-	Elev.
		919.09		
53 +25				13.4 .
53			6.68	
+61				14.0 .
54				14.0 .
+23				14.0 .
T.P.	3.19	915.60	6.68	912.41
+33				13.9 .
+70				13.4 .
55				12.7 .
+13				12.6 .

lt.

c

pt.

0.8 4.0 4.4 5.8 6.0
26 22 19 17 15

5.7 5.8 6.0 5.7 5.3 4.3 3.8
10 14 20 21 45 60

✓

1.1 3.9 5.2 5.5 5.3
26 19 17 14 10

5.1 5.4 5.9 5.4 5.3
10 20 37 60

✓

2.3 4.4 5.3 5.3 5.1
25 19 17 10

5.5 5.9 6.0 6.7
11 17 33 60

✓

2.3 5.2 5.5 5.3
26 18 14 9

5.1 5.7 6.1 4.5 6.7
11 18 41 60

✓

Top curb.

4.3.8 4.3.3 4.2.5 1.7 2.0 1.8 1.7 2.1 2.7 3.1 3.2
100 60 29 19 13 9 9 16 40 60

✓

4.2.0 4.2.0 4.1.0 2.0 2.6 2.4 2.2 2.5 2.9 3.2 3.4
100 60 29 23 17 9 10 15 26.3 60

✓

Door Ent. to Church.

S.W.

4.0.6 4.0.6 3.1 0.8 2.7 3.2 3.3 3.0 2.9 3.0 3.4 3.9 3.6 4.1 3.9
100 60 41 30 24 20 13 9 8 11 18 33.4 33.4 65.7

S.W.

Top Curb

3.3 3.3 2.9 3.1 3.0 3.3 3.6 4.1 3.8 4.2 3.9
60 36 17 8 9 11 17 33.5 33.5 65.7

S.W.

Top Curb

✓

Sta.	+	π	-	Elev.
		915.60		
B.M.			3.10	912.50
55 +40				12.1.
+82				11.2.
+93				11.0.
56	Cesspool M.H. = 54.4			10.9.
+35				10.1.
+60				09.5.
57				08.5.
+22				08.0.

Lt

C

Rt

N.W. Cor. Bottom Step Of Church Rt. 55+28 Middle Ent.
fsw

40	42	39	45	41	3.5	35	3.9	43	45	43	3.9	✓
60	40	26	22	16	8		9	11	17	33	657	

55	53	47	56	46	44	44	49	52	54	49	44	43	
60	39	24	21	15	9		10	12	16	25	51	60	

10.0	74	55	62	52	47	46	50	54	56	54	50	46	
60	36	22	20	17	9		9	11	15	21	39	60	

103	77	60	60	63	56	50	47	51	54	57	54	52	50	
60	43	25	21	20	17	11		9	11	15	20	40	60	

83	70	53	53	64	57	55	55	59	64	61	59			
60	49	34	26	20	16	9		11	16	34	60			

85	60	59	68	69	63	61	61	65	68	72	69	65	67	
60	37	25	22	19	16	9		10	14	17	19	36	60	

95	67	63	84	85	76	72	71	75	78	80	78	82	86	
60	44	27	22	20	16	10		9	13	19	22	38	60	

91	80	74	90	91	78	78	76	80	83	88	80	87	87	
60	37	28	24	21	14	10		9	14	18	23	50	60	

Sta.	+	π	-	Elev.
		915.60		
57	+66			07.2.
T.P.	3.41	910.00	9.01	906.59
58				06.6.
	+29			06.2.
	+65			05.9.
59				05.6.
	+34			05.6.
	+73			05.6.
60				05.6.

Lt.

4

Et.

14.3 127 11.4 101 105 109 93 90 88 84
60 41 30 24 23 21 18 15 10

87 89 93 104 104 111
10 13 15 18 39 60

✓

130 106 78 65 61 43 39 34 37 39 57 103 105 98 86
86 56 30 25 19 14 10 10 13 18 28 44 65 100

✓

13.3 109 84 70 68 52 47 43
80 55 31 25 21 16 13 10

38 40 45 53 124 144 144 123 11.8
9 13 16 33 39 58 84 100

X

✓

124 109 102 91 7.5 67 5.0 45 41 45 48 56
75 62 39 30 24 19 13 10 10 14 17

✓

11.4 105 100 81 7.7 5.5 49 46 44 48 51 63
75 66 32 24 20 15 13 10 11 14 17

✓

89 9.2 90 78 73 67 51 46 44 48 50 60
60 50 30 24 19 15 13 9 11 14 17

✓

68 76 76 7.5 74 56 51 47 44 49 51 60
60 53 29 24 19 15 13 10 11 14 17

✓

53 58 64 70 71 52 49 46 44 49 51 58
60 41 29 26 19 14 12 9 10 14 17

✓

Sta.	+	π	-	Elev.
		910.00		
60 +24				905.7
+54				05.8
61				05.9
+40				05.9
+69				05.9
I.P.	3.82	896.63	17.19	892.81
58 +65				905.9
59				05.6
+34				05.6

Lt.

E

Rt.

42 44 48 66 65 50 46 45 43 48 50 58
60 39 28 22 18 15 13 9 11 14 16

✓

32 31 30 61 61 51 45 43 42 46 49 57 136
60 42 28 21 18 14 12 8 11 14 16 27

✓

24 26 26 61 59 47 44 42 41 43 45 52 76 96
60 45 31 24 21 13 12 9 12 14 16 21 34

✓

20 23 29 61 61 54 45 43 41 44 49 55 87 111 157 172
60 38 31 23 20 17 12 9 11 15 17 29 42 65 70

✓

36 35 45 56 68 47 43 42 41 45 51 56 79 105 144 169
60 52 29 23 16 13 11 8 12 15 17 23 45 60 80

✓

+09.3

17 50 70 78 66
32 47 60 76 100

✓

+09.0

38 69 108 128
36 49 74 100

✓

+09.0

61 88 115 156
37 49 58 100

✓

Sta.	+	π	-	Elev.
		896.63		
59 +73				905.6
60				05.6
+24				05.7
+54				05.8
61				05.9
I.P.	13.65	908.72	1.56	895.07
62				905.7
+35				05.6
+65				05.6

Lt.

E

Rt.

+09.0

¹⁸⁴
 6.2 9.1 13.0 16.0 18.2
 39 50 70 100 125 ✓

+09.0

 6.0 9.7 13.9 16.2 17.8
 38 55 79 100 125 ✓

+09.1

 42 7.9 10.5 13.1 15.2 17.1
 35 50 64 72 100 125 ✓

+09.2

 1.7 8.2 10.4 12.1 13.5
 35 64 69 81 100 ✓

+09.3

 4.0 6.2 8.5 10.6
 63 68 80 100 ✓

 7.5 7.4 7.3 6.8 3.9 3.1 3.8 3.0 3.3 3.8 5.3 6.4 7.3
 60 48 30 25 15 10 8 11 16 21 32 50 ✓

 11.3 11.1 10.2 8.6 3.8 3.2 3.1 3.1 3.5 3.8 6.3 9.0 11.0 14.4 17.2 20.0
 60 42 34 23 14 11 8 12 14 22 38 48 65 74 100 ✓

 12.7 12.3 11.3 9.0 4.9 3.7 3.1 3.1 3.5 3.8 4.1 5.7 9.5 14.6 17.3 20.0
 70 44 30 21 14 12 8 11 14 15 20 41 66 74 100 ✓

Sta.	+	π	-	Elev.
		908.72		
63				05.6
+14				05.6
+30				05.6
+51.27				05.7
+69				05.8
+82				05.8
64				05.8
+85				06.0

Lt.

E

Et.

✓

110	112	102	86	41	32	3.2	31	34	40	43	52	79	123	147	178
60	41	27	22	14	10	8		11	15	19	22	45	65	73	100

✓

84	91	95	85	38	33	2.2	31	34	42	44	51	63	88	128	157
60	50	33	23	14	10	7		11	19	25	28	33	51	75	100

✓

70	77	84	74	43	37	32	31	34	38	53	74	92
60	46	32	22	15	12	7		10	24	46	76	100

✓

66	68	5.9	35	31	30	27	49	66	86	124	150
60	30	20	14	8		25	50	75	100	150	200

✓

41	54	61	67	59	36	31	29	32	38	49	70	91
60	44	39	23	19	14	9		10	25	42	73	100

✓

26	50	5.3	61	5.7	26	21	2.9	32	43	64	7.2	94	12.3
60	45	37	31	17	13	8		9	28	38	48	59	100

✓

28	47	48	5.4	5.2	5.3	36	3.2	2.9	3.1	3.7	6.7	7.3	7.2	7.9
60	47	34	32	22	16	13	10		10	18	25	36	48	64

+

✓

0.3	28	4.6	45	33	29
60	49	30	15	13	9

2.7	29	32	65	7.5	83	94
11	15	20	25	35	60	

Sta.	+	π	-	Elev.
		908.72		

64+46				06.1.
-------	--	--	--	-------

+69				06.3.
-----	--	--	--	-------

65				06.7.
----	--	--	--	-------

T.P.	8.43	915.14	2.01	906.71
+31				06.9.

B.M.	3.76	915.16	3.76	911.38	911.40 ✓
+50				07.1.	

66				07.2.
----	--	--	--	-------

+50				08.5.
-----	--	--	--	-------

+53				08.6.
-----	--	--	--	-------

Lt.

E

Pt.

✓

03	21	42	42	42	32	29	26	28	31	7.4	9.0	10.1
60	39	32	22	16	12	9		10	15	23	38	60

0.4	14	3.0	35	33	2.9	2.5	24	2.6	2.9	7.5	9.1	10.7
60	38	34	27	14	13	8		11	15	24	36	60

✓

40.2	0.8	2.9	2.3	2.0	24	2.7	5.6	20	8.8
60	36	18	8		11	17	24	41	60

✓

5.0	5.2	5.1	5.5	9.3	9.2	8.8	8.5	8.2	8.6	9.0	10.0	9.0	11.1	12.8
60	38	32	26	19	16	13	8		11	15	21	24	44	60

✓

S.E. Cor Lower Step of House Lt. 64+60

3.6	3.9	4.5	8.9	8.4	8.1	8.6	9.2	9.7	9.4	9.2	9.8	12.1
60	39	27	19	8		11	18	20	23	29	43	60

✓

2.1	3.4	2.9	7.5	8.0	8.0	7.8	7.5	7.9	8.8	8.6	9.5	10.9
60	39	29	21	17	8	6		11	22	31	49	60

✓

1.4	1.5	2.4	7.2	7.2	6.9	6.7	7.1	7.8	8.0	8.0	9.0	9.6
60	42	28	20	9	7		11	18	24	31	50	60

✓

1.6	3.6	4.0	6.6	6.7	7.1	6.9	6.6	Same As +50				
60	36	25	20	15	9	7						

✓

Sta	+	π	-	Elev
		915.16		

67				09.1.
----	--	--	--	-------

+50				09.7.
-----	--	--	--	-------

68				10.4.
----	--	--	--	-------

+50				10.9.
-----	--	--	--	-------

69				11.9.
----	--	--	--	-------

T.P.	5.60	919.30	1.46	913.70
------	------	--------	------	--------

+50				12.9.
-----	--	--	--	-------

70				13.7.
----	--	--	--	-------

+30				14.1.
-----	--	--	--	-------

8-24-44

69

Lt.

E

Rt.

0.9 1.6 4.1 6.6 5.8 6.4 6.1 6.4 6.7 7.3 7.8 9.7
60 50 25 20 18 11 11 14 30 39 60

0.6 3.0 5.3 5.6 5.5 5.9 6.5 6.6 7.6 8.8
60 34 21 9 11 13 21 37 60

0.6 2.6 2.9 5.5 4.6 5.0 4.8 5.3 5.9 7.4 8.0 9.7
60 37 28 19 16 8 10 16 19 33 60

10.5 10.3 0.4 2.6 4.7 4.3 4.3 4.7 5.3 9.4 11.5 12.6
60 52 45 28 17 8 10 14 21 36 60

0.0 0.7 1.5 2.7 4.2 3.8 3.4 3.3 3.5 4.2 8.3 10.6 13.5
60 40 32 24 20 14 8 10 14 24 41 60

E. sta 70 to 60

3.1 4.1 5.9 5.8 7.6 7.4 6.9 6.5 6.4 6.9 7.5 10.5 12.4 14.8
60 35 29 24 20 16 14 9 10 15 22 39 60

2.6 3.2 4.3 4.9 7.0 6.8 6.1 5.8 5.6 6.1 6.9 7.6 7.6 6.8 7.6 9.2
60 34 29 22 19 16 13 8 11 15 18 21 22 41 60

3.1 3.4 4.5 4.9 6.7 6.7 5.8 5.4 5.2 5.6 6.1 7.0 7.0 5.0 4.8 6.5 7.9
60 35 26 22 19 17 13 8 10 14 18 21 24 35 47 60

Sta	+	π	-	Elev
		919.30		

70 +62

14.3,

71

14.6

+46

14.8

+79

14.9

T.P.

842

923.56

416

915.14

72

15.2

+50

15.3

73

15.1

+26

14.9

Lt

E

Rt

✓

36 44 40 50 63 55 52
60 38 34 23 19-16 13 8

50 54 60 67 66 35 30 41 43
10 15 18 22 25 34 55 60

✓

52 53 49 61 61 52 49 47
60 41 22 20 17 13 9

50 45 65 67 27 23 26
10 15 18 21 26 43 60

✓

56 56 57 55 60 60 53 47 45 49 54 64 63 28 23 15 21 20
60 48 26 21 19 17 13 8 10 15 18 21 26 30 31 37 60

X

✓

38 42 54 57 49 46
60 39 24 16 11 9

44 46 49 65 64 38 26 27 20
10 13 18 20 24 31 43 60

✓

17 22 23 82 93 90 88 84 87 90 104 89 84 73 73 66
100 65 40 23 18-15 14 11 10 14 18-21 23 27 31 46 60

✓

14 20 22 80 95 90 86
100 66 41 24 21-18 16 12

83 88 94 104 80 77 88 88
11 16 19-22 24 31 42 60

✓

11 16 18 73 97 100
100 68 41 27 21 17

92 89
13 11

85 92 98 107 76 75 108 113
13 17 19-21 24 28 53 60

✓

11 16 17 82 102 103 75 91 87 93 98 107 87 86 106 113
100 67 41 24 20 17 15 11 12 16 18-21 23 28 40 60

Sta.	+	π	-	Elev.
------	---	-------	---	-------

923.56

73 +65

14.5

74

14.2

+22 = ^{6' DIA. 7' ELEV 9' IN H.} Caspool - 57' - 74' Lt.

+25

14.0

+39

13.8

+49 Profile cont. It

13.6

+59

13.4

+68

13.2

75

12.5

Lt.

E

Rt.

1.2 1.5 1.7 9.4 10.7 10.6 9.7 9.8 9.1 9.7 10.8 12.8 14.4 ✓
 100 69 41 22 19 17 14 10 12 19 35 60

1.2 1.4 1.8 9.9 10.7 9.9 9.6 9.4 10.0 10.9 12.0 13.2 ✓
 100 68 41 21 19 17 14 11 12 13 24 44

top
 (Casswood) 97.7%
 1.8 1.8 1.8 1.9 9.8 11.0 11.1 10.0 9.9 9.6 10.3 10.7 12.1 12.7 14.7 ✓
 100 74 56 40 22 20 18 16 12 12 16 23 35 60

1.9 2.4 6.6 10.0 11.5 10.5 10.0 9.8 10.5 11.0 12.1 12.9 ✓
 100 93 55 28 20 17 11 13 17 25 36

1.7 3.5 6.3 9.8 10.1 10.0
 100 75 50 25 11

2.1 2.4 5.6 9.8 11.7 10.2 10.3 10.2 10.9 11.5 12.0 ✓
 100 93 64 30 20 16 7 13 18 30

Bldg.

1.9 2.2 3.2 10.5 11.9 10.5 10.6 10.4 11.0 11.7 12.0 ✓
 100 62 43 23 20 16 10 13 18 30

slw

2.3 2.3 3.5 11.5 13.1 11.6 11.4 11.1 11.7 12.0 12.3 11.2 12.1 ✓
 74 64 44 23 20 15 10 13 15 22 24 39

Sta.	+	π	-	Elev.
		923.56		
75	+47			11.3.
	+78			10.6.
76				10.0
I.P.	7.03	918.76	11.83	911.73
	+18			09.5.
BM			9.70	909.06 (909.06) ✓
	+26			09.3.
	+36			09.0.
	+41			08.8.
	+50.10			08.6.

Lt.

E

Et.

✓
 L.O. 23 29 37 126 142 129 125 123 129 131 132 94 98 105
 78 63 45 24 20 15 8 11 12 21 34 43 65

SW

✓
 36 39 48 136 148 136 132 130 136 141 144 86 86 89
 81 71 44 23 20 15 9 12 15 19 36 60 71

SW

✓
 38 52 55 56 141 154 143 137 136 142 146 151 137 112 96 90 92
 87 64 34 44 24 20 16 10 11 14 19 20 31 42 70 82

✓
 33 47 60 95 106 99 95 93 99 101 109 100 81 78 80
 70 50 29 24 20 16 12 11 14 19 21 28 41 70

Spt. in P.P.S.W. Cor "A2" + Edgerton St.

✓
 61 65 76 88 94 96 94 95 101 108 117 106 91 94
 70 53 44 41 21 17 10 10 16 18 20 23 41 70

FL

FL. ✓

91 104 89 95 98
 60 42 42 14

106 113 130 132 148
 14 18 18 34 60

✓
 75 86 95 100 106 113 123 138
 60 42 14 11 19 34 66

54 77 93
 100 60 20

✓
 102 115 128 144 184
 25 50 80 100

X

Sta.	+	π	-	E/cv.
		91876		

76	+60.1			08.6
----	-------	--	--	------

	+70.1			08.6
--	-------	--	--	------

	+77			08.9
--	-----	--	--	------

	+80			09.1
--	-----	--	--	------

	+84			09.3
--	-----	--	--	------

	+93			09.7
--	-----	--	--	------

77				10.0
----	--	--	--	------

	+24			10.2
--	-----	--	--	------

Lt.

E

St.

102

53 65 77 89 102
100 75 50 25

115 127 154
25 50 100

76 86 96 103
60 39 22 17

99 105 115 129 143
14 27 47 70

87 95 107 97 95
60 39 23 21 17

97 105 115 129 133 145
14 27 31 47 70

68 72 92 108 108 97 95 95 100 107 113 129
60 43 24 22 20 19 15 12 19 27 60

115 15 41 56 74 101 95 92 91 98 103 119 110 119 131
100 60 42 26 20 17 14 11 14 17 21 22 24 39 60

141 129 138 09 95 62 95 90 88 88 95 101 116 102 116 123
100 67 55 40 30 21 17 15 9 5 12 17 20 25 52 70

151 146 144 88 85 82 81 88 91 103 92 82 94 106
100 65 35 15 13 8 13 16 19 21 31 56 75

Sta.	+	π	-	Elev.
		918.76		

77	+60			12.2
----	-----	--	--	------

T.P.	1095	928.35	1.36	917.40
------	------	--------	------	--------

78				13.6
----	--	--	--	------

+32				15.1
-----	--	--	--	------

+70				16.5
-----	--	--	--	------

+84				16.9
-----	--	--	--	------

79			11.0	17.4
----	--	--	------	------

+07				17.6
-----	--	--	--	------

+15				17.8
-----	--	--	--	------

Lt

E

Rt

✓

451 149 26 31 75 7.2 69 66 7.0 7.4 85 7.9 47 47 58 71
 55 24 24 20 15 12 7 12 17 18 20 30 50 78 100

✓

3.9 4.3 4.2 11.3 15.2 15.2 15.0 14.8 15.1 15.3 15.6 12.8 9.0 9.7 9.8 12.3
 76 53 31 20 14 11 7 12 15 18 24 32 59 80 100

✓

42 4.7 4.5 10.1 12.1 14.4 13.9 13.5 13.3 13.8 14.1 14.6 4.7 5.9 8.4 11.1
 68 50 30 21 17 14 10 6 12 16 18 33 54 79 100

✓

47 4.0 5.0 5.5 4.7 4.5 10.0 13.5 12.8 12.2 11.9 12.4 12.5 13.0 4.1 5.1 6.8 9.4
 83 64 57 42 39 29 20 15 13 7 13 16 19 31 50 75 100

✓

44 54 7.1 9.6 13.0 12.3 11.9 11.7 11.5 12.0 12.2 12.5 4.3 5.0 6.5 9.1
 74 55 36 19 16 13 9 6 13 16 20 31 55 74 100

✓

L.O. 5.2 6.6 10.0 12.0 10.9 11.0 12.8
 63 41 17 15 12 7

11.2 11.3 11.6 4.6 5.2 6.9 8.9
 12 15 21 29 57 77 100

L.O. 5.2 5.5 5.5 12.0 11.0 10.7
 63 49 25 16 13 6

10.6 11.0 11.2 4.2 5.6 5.5 7.4 9.2
 13 20 29 46 60 84 100

✓

Sta	+	π	-	E/ek
		928.35		
79	+57			18.9.
80				19.5.
				19.6.
	+40			
T.P.	5.08	924.53	8.90	919.45
	+65			19.5.
81				19.7.
	+34			19.9.
+46	X Drain			19.9.
+59				20.01

L.H.

E

R.H.

✓
 64 64 10.2 11.8 11.4 10.2 9.8 9.5 9.8 10.1 10.3 4.6 5.4 6.9 8.3 9.6
 60 24 16 15 13 12 6 13 18 20 29 51 69 79 100

✓
 91 90 80 108 118 103 92 90 89 94 103 4.6 5.3 7.2 10.3
 60 46 22 16 15 14 11 6 13 21 30 49 76 100

✓
 11.5 11.1 10.5 12.4 9.6 9.2 8.9 8.8 9.1 9.6 10.3 6.9 6.0 6.4
 60 31 19 16 13 11 6 13 17 22 29 49 64

✓
 8.8 8.8 8.4 7.8 7.2 5.5 5.3 5.0 5.0 5.4 6.8 6.7 5.8 3.3 2.7
 60 40 27 25 18 11 9 4 16 22 29 38 49 60

✓
 10.6 10.4 9.1 6.4 5.9 5.2 5.0 4.8 5.0 5.2 6.9 7.1 6.5 4.7
 60 33 20 16 13 10 7 12 17 24 31 43 60

✓
 11.0 10.9 9.5 8.6 7.5 6.2 5.0 4.9 4.6 4.6 4.8 5.7 7.1 7.1 6.2 6.6 6.7 5.8
 60 31 24 21 19 16 10 5 16 18 19 23 32 34 38 49 60

11.38

FL 24" Core. Col.

X

916.93

✓
 L.O. 11.7 12.6 13.5 9.9 7.7 5.5 5.0 4.6 4.7 4.8 5.5 6.9 7.6 8.2 7.1 6.7 6.3
 25 18.4 18.4 17 14 10 7 11 14 18 22 27 30 35 45 60

✓
 L.O. 10.4 9.6 6.0 5.6 4.9 4.5 4.7 5.0 5.5 8.8 8.9 8.0 7.5 6.8
 30 24 18 12 9 12 16 19 24 29 31 49 60

Sta.	+	π	-	Elev.
		924.53		

82				19.8
----	--	--	--	------

+50				19.8
-----	--	--	--	------

83				20.0
----	--	--	--	------

+50				20.2
-----	--	--	--	------

84				20.5
----	--	--	--	------

+38				20.9
-----	--	--	--	------

+68				21.0
-----	--	--	--	------

85				21.1
----	--	--	--	------

Lt

E

Rt

✓

L.O. 11.7 9.5 8.5 6.0 5.5 4.9 4.7 4.2 5.1 6.1 8.4 8.4 7.6 6.8 6.4
 30 25 21 16 13 9 11 14 18 23 29 36 52 60

✓

L.O. 10.8 9.2 6.5 5.5 4.9 4.7 4.6 4.9 5.2 8.5 8.5 7.5 6.5
 30 23 18 12 9 11 14 17 23 36 38 60

✓

L.O. 10.2 9.1 6.0 4.8 4.7 4.5 4.6 5.4 8.0 8.2 7.9 7.3
 30 22 16 10 7 11 17 23 28 34 60

✓

L.O. 10.4 10.2 9.5 8.2 5.7 4.7 4.4 4.3 4.2 4.5 5.2 7.6 7.6 7.3 6.8 6.4
 40 32 25 20 17 11 7 12 15 18 23 28 30 44 60

✓

10.0 9.6 9.6 8.9 7.0 5.2 4.5 4.1 4.0 4.3 4.8 6.5 6.8 6.0 5.8
 50 40 30 22 19 14 11 7 14 16 20 25 37 60

✓

9.5 8.9 7.8 5.7 4.9 4.0 3.9 3.6 3.8 4.3 5.1 5.9 5.7 2.5 1.0
 60 40 23 19 16 10 6 11 16 20 22 38 49 60

✓

9.5 9.0 8.5 7.8 7.2 5.4 3.8 3.8 3.5 3.8 4.1 4.8 6.1 6.0 2.2 0.5 0.3
 60 45 35 26 22 18 10 6 12 15 19 22 26 33 51 60

✓

8.6 7.7 6.3 4.6 3.7 3.5 3.4 3.6 4.0 5.6 5.5 0.9 0.2 0.3
 60 42 19 15 11 7 11 15 21 25 32 44 60

Sta	+	π	-	Elev
		924.53		

85+50				21.3
-------	--	--	--	------

T.P.	7.71	929.24	3.00	921.53
------	------	--------	------	--------

86				21.5
----	--	--	--	------

+20				21.8
-----	--	--	--	------

+49				22.1
-----	--	--	--	------

+60				22.2
-----	--	--	--	------

87				22.2
----	--	--	--	------

+50				22.4
-----	--	--	--	------

88				22.7
----	--	--	--	------

T.P.	5.00	928.52	6.52	922.72
------	------	--------	------	--------

Lt

E

Rt

21 64 54 50 47 37 33 32 35 28 47 48 40 0.3 0.5
60 43 28 19 16 4 8 11 14 17 13 31 62 80

E Sta. 86+00

98 86 67 64 98 79 78 77 79 83 92 90 63 44 43 49
60 47 32 24 18 16 13 7 10 14 19 22 28 30 44 70

84 77 67 70 101 79 76 74 77 83 92 90 63 44 43 49
60 47 34 21 18 16 15 7 11 16 20 26 28 42 58 70

Profile of east
edge Loc Ave

7.7 7.1 7.2 7.3 7.2 7.1 7.5 80 90 83 47 54 67
100 60 40 18 8 11 15 20 24 30 46 70

55 62 97 75 71
60 25 18 17 13 8

70 74 79 87 78 48 53 58 59 70
11 15 21 25 29 39 41 54 70

50 53 53 59 95 73 70 70 72 77 86 85 61 70 82
60 37 26 24 17 16 12 8 11 14 20 24 29 45 60

50 68 97 71 68
60 23 18 17 12 8

68 71 75 90 87 77 84 107
11 14 21 24 28 35 60

63 68 78 93 74 66 65 68 72 104 112 123 137
60 40 23 14 17 14 8 10 14 22 28 48 60

Sta	+	π	-	Elev
-----	---	-------	---	------

92852

88 +30

22.8.

+70

22.9.

89

23.1.

+25

23.2.

+50

23.3.

+60

23.4.

+70.4 Profile of Greenbrier Ave.

23.6.

+81

23.7.

Lt

2

Et

66 76 84 85 88 75 63 57 57 60 63 111 126 139
 60 48 32 23 20 17 13 7 10 14 22 34 60

✓

74 81 89 95 92 73 60 57 56 58 59 62 117 121 122
 60 43 32 25 22 17 13 7 10 14 17 27 40 60

✓

80 77 91 90 61 56 54 56 60 96 97 93 81
 60 49 29 20 13 8 11 16 25 34 37 60

X

✓

79 79 85 80 62 54 53 54 56 61 71 66 58 54
 60 45 27 22 15 8 10 13 17 22 29 43 60

✓

61 59 58 61 55 52 52 53 55 68 58 36 31
 60 33 21 19 14 8 10 15 21 27 30 60

✓

50 53 53 53 51 51 52 55 66 68 27 22
 60 41 25 16 9 10 14 20 25 30 60

✓

34 41 47 52 49
 100 60 31 16

✓

44 49 52 50
 60 33 22 8

48 Duplicate + 83 Et.

✓

Sta	+	Σ	-	Elev
		928.52		
89	+83			23.7.
T.P.	7.13	930.94	4.71	923.81
90				23.8.
+35				24.1.
+69				24.4.
+71				24.4.
91				24.4.
T.P.	5.90	930.38	6.46	924.48
+38				24.6.
+40				24.6.

Lt

E

Rt

27 26 49 53 50
60 33 26 17 8

48 49 52 60 63 48 17 15 18
10 14 18 21 27 31 60 80

51 52 52 77 73 71 72 75 83 81 34 33 39
60 40 24 21 8 10 14 19 24 31 47 71

43 41 39 72 73 71 68 70 75 77 65 25 32 41
60 42 25 20 15 7 10 18 22 24 30 58 80

31 29 30 68 71 68 65 67 71 78 58 29 32 36
60 45 27 21 15 9 11 17 22 24 31 45 80

47 52 61 68 71 68 45 Duplicate + 69
60 45 24 21 15 9

47 52 61 71 69 67 65 67 70 76 48 34 36 32
60 41 23 18 15 8 11 17 21 25 31 60 80

Top E. End Culu. Rt 91ft

42 44 51 60 62 60 58 61 64 71 57 30 29 32
60 47 25 21 16 9 9 18 20 22 26 30 48 60

30 23 19 60 62 60 58 Duplicate + 38
60 47 30 21 16 9

Sta.	+	π	-	Elev
		93038		
91	+60			24.8
92				24.9
	+03			24.9
	+05			24.9
	+50			24.9
	+91			25.1
93	+97			25.1
93				25.1

8-29-44

79

Lt

Z

Pt

✓
 3.6 27 24 5.9 6.0 5.8 5.6 5.8 4.9 7.3 5.6 3.4 2.9 3.2
 6.0 4.3 2.9 2.2 1.5 8 9 1.9 2.0 2.2 2.6 3.2 4.9 6.0

5.5

✓
 4.8 3.2 6.1 5.7 5.5 5.5 6.2 7.0 5.9 3.6 3.5
 6.0 2.8 1.7 9 1.0 1.8 2.0 2.2 2.4 3.2 6.0

✓
 4.8 5.1 5.4 6.1 5.7 5.5 Duplicate + 0.3
 6.0 2.9 2.4 1.7 9

✓
 5.5 6.5 6.1 5.8 5.7 5.5 5.5 5.9 6.4 6.8 6.1 5.5 3.9 3.4 2.8 2.4
 6.0 2.5 1.8 1.4 9 9 1.4 1.9 2.1 2.3 2.7 3.3 4.2 4.5 6.0

✓
 6.2 5.8 6.2 5.8 5.5 6.3 5.5 6.0 4.8 6.3 5.8 4.3 3.5
 6.0 2.4 1.9 1.6 9 1.0 1.5 2.0 2.1 2.3 2.7 3.2 6.0

✓
 6.9 6.3 5.4 5.3 5.4 5.9 6.9 6.8 6.3 5.8 4.4 3.7
 6.0 2.6 9 9 1.2 1.7 2.1 2.3 2.3 2.8 3.3 6.0

X

✓
 6.6 6.1 5.4 5.3 5.4 5.9 6.1 6.7 6.4 6.0 5.2
 6.0 2.5 9 9 1.2 1.8 2.1 2.3 3.3 6.0

Sta	+	π	-	Elev	
		930.38			
93 +05	Profile of rd H.			25.0	2.
+17	Profile of rd.			25.2	
+30				25.3	
+60				25.4	
B.M.	3.75	930.33	3.75	926.63	(926.58) ✓
+96				25.5	
94				25.5	
+12				25.5	
+33				25.6	

8-30-44

80

Lt.

E

Pt.

5.2 6.6 9.2 Proins
 350 400 450 North.
 49 5.2 58 6.1 64 6.6 60 54
 300 254 200 150 100 62 25 9

OK.

✓

6.2 6.1 6.0 7.0 7.0 5.7 5.4 5.2 5.2 5.1 4.5 3.8 3.7 4.5 5.3
 60 45 25 22 19 16 9 9 26 60 100 150 200 250

✓

Proins
South

✓

5.8 5.9 5.9 7.0 7.0 5.7 5.4 5.1 5.2 5.7 6.6 6.5 5.3 5.1 4.0
 60 39 26 22 18 14 9 10 17 20 24 31 40 60

4.9 5.3 5.8 7.2 7.0 5.5 5.2 5.0 5.9 5.9 4.5 4.4 5.4 4.0 3.4 3.2
 60 42 29 22 18 14 9 9 13 18 23 28 41 49 60

✓

Top S.E. Cor. Lower step of Ho. 735 "A2"

5.3 5.5 6.3 7.3 7.2 5.2 5.0 4.8 4.9 5.1 6.2 6.0 4.2 3.2
 60 48 27 23 19 14 10 9 12 17 35 42 60

✓

6.9 6.9 6.5 7.3 7.2 5.2 5.0 4.8 Duplicate + 96
 60 48 27 23 19 14 10

✓

7.1 7.2 6.5 7.4 7.3 5.2 5.0 4.8 4.9 5.2 6.0 6.1 5.4 3.8 3.2
 60 39 26 22 19 14 9 9 12 15 27 38 46 60

✓

6.4 6.9 6.7 7.5 7.3 5.3 5.0 4.7 4.9 5.3 4.8 4.4
 60 37 25 22 19 14 9 9 23 40 60

✓

Sta.	+	π	-	Elev
------	---	-------	---	------

930.33

94 +65

25.5

95

25.5

+30 Elev. slope rt.

+50

25.2

96

24.7

+50

24.0

+72

23.6

97

22.8

T.P.

Lt. E Bt.

50 56 60 76 74 54 50 48 49 54 62 62 54 47 44
60 42 28 22 19 14 9 8 13 17 21 29 42 60

Con. Enty

47 50 55 75 74 53 50 48 29 54 68 54 50 48
60 43 28 22 19 15 9 8 13 19 33 47 60

52

41 44 75 74 57 53 51 52 56 73 74 66 53 52
60 31 23 18 14 9 9 14 19 21 23 32 60

40 41 75 75 61 58 56 56 60 73 72 52 53
60 31 23 18 14 9 9 14 19 22 32 60

28 32 70 81 68 65 63 65 65 77 78 62 61
60 34 24 19 18 15 9 10 14 18 22 26 60

28 30 37 50 76 77 72 69 67 69 69 80 82 68 63
70 60 35 28 21 16 13 9 9 13 17 22 25 60

25 24 33 46 86 86 80 77 75 77 82 88 89 81 78 78
70 53 34 29 20 16 13 9 9 14 19 23 28 43 60

Sta	+	π	-	Elev
		930.33		
97	+34			21.8
	+38			21.7
	+65			20.8
98				19.6
	+24			18.7
	+56			17.6
T.P.	1.78	920.62	11.49	918.84
99				15.6
	+03			15.4

Lt.

E

Rt.

L.O. 24 24 27 96 98 92 88 85 86 87 96 97 86 83 81
 70 64 31 20 17 14 9 9 14 17 22 28 38 60 ✓

L.O. 24 24 27 99 100 93 89 86 88 92 97 99 93 88 91
 70 64 31 20 17 14 9 9 14 18 23 26 43 60 ✓

21 17 19 22 105 108 102 98 95 96 102 107 97 96
 100 71 42 32 21 17 14 9 9 16 22 31 60 ✓

29 23 25 33 118 120 114 110 107 108 114 121 121 127 106
 100 66 44 30 19 15 13 9 9 17 21 25 41 60 ✓

44 38 41 50 127 125 120 116 118 122 131 131 129 123 132
 100 70 46 28 18 14 9 9 15 20 25 28 42 60 X ✓

66 66 82 98 139 140 134 130 127 129 131 154 153 152 159
 100 71 44 25 19 16 13 9 9 14 20 31 38 60 ✓

45 54 62 66 55 52 50 53 61 75 87
 60 40 21 17 14 9 9 17 38 60 ✓

57 61 63 58 56 53 52 54 65 70 82 95
 60 40 25 21 13 9 9 17 19 38 60 ✓

Sta	+	π	-	Elev
		920.62		
99 + 20				14.6
T.R	3.75	916.80	7.57	913.05
+33				14.0
+52				13.1
+75				12.1
100				11.1
+40				09.5
+75				08.2
101				07.3

44

4

44

✓

44 56 61 61 60
100 67 31 12

66 76 89 100
25 50 75 100

Iron 2 453

35 38 34 36 31 30 28 29 33 40 51
60 41 21 19 17 16 9 9 18 37 60

✓

①

46 50 48 41 38
60 39 19 12 8

37 39 43 51 101 109 117
9 12 18 30 41 60

✓

58 60 60 53 48 47 49 50 60 95 108 119 120
60 45 18 13 9 9 12 17 23 30 39 60

✓

64 69 71 62 58
60 43 18 12 9

57 60 62 71 101 110 127
9 12 18 25 41 60

✓

68 72 76 87 87 79 74 73 75 77 85 101 101 94
60 42 22 18 16 13 9 8 12 19 23 36 60

✓

71 76 83 108 96 91 86 86 89 92 101 102 100 95
60 41 23 19 16 13 9 9 14 19 25 42 60

✓

67 71 79 100 113 98 96 95 100 103 105 105 99 95 84
60 41 23 19 17 15 8 10 15 17 21 24 47 60

✓

Sta + π - Elev

916.80

101 +34

05.7

+60

04.5

+81

03.6

+97

02.8

T.P.

2.67

906.53

12.94

903.86

102

02.6

+20

01.7

+40

00.9

+49

00.5

62

84

Lt.

E.

Rt.

86 82 83 129 123 118 113 111 113 117 113 90 66 ✓
 60 38 25 19 15 14 9 10 16 21 35 60

98 95 91
 60 40 26

137 137 132 128 123 124 128 128 119 81 64 58 S.S.
 20 17 14 10 11 16 19 26 37 42 60 ✓

119 111 103 147 143 138
 60 42 27 20 18 14 10

132 135 141 133 128 83 60 38 38 ✓
 12 20 23 33 51 64 94 100

127 122 121
 60 48 29

156 151 149 140 144 147 151 141 136 91 62 61
 24-22 18 16 11 19 28 33 47 71 89 100

65 62 51 58 56 51 47 39 41 46 50 38 34 197 151 ✓
 64 47 27 24 22 19 16 10 25 32 36 48 82 100

f slope

76 64 67 69 62 53
 60 35 32 29 24 13

48 50 50 53 54 49 39 117
 10 24 42 57 62 78 112

f slope

80 74 72 62
 70 45 33 17

f slope

56 54 52 53 45 36 88.5 ✓
 26 52 84 85 100 84

FL. 18" CM
Sower

f slope

83 80 79 65 60
 80 50 5 45 17

54 52 48 ✓
 29 58 100

Sta	+	π	-	Elev
		906.53		

102+67.8

899.7

+79.92

99.2

No. End 18" Sewer

13.80

92.7

So. End 12" G.M. Sewer

6.2

900.3

B.M.

7.48

899.05

899.06

✓

8-30-44

85

Lt

\$

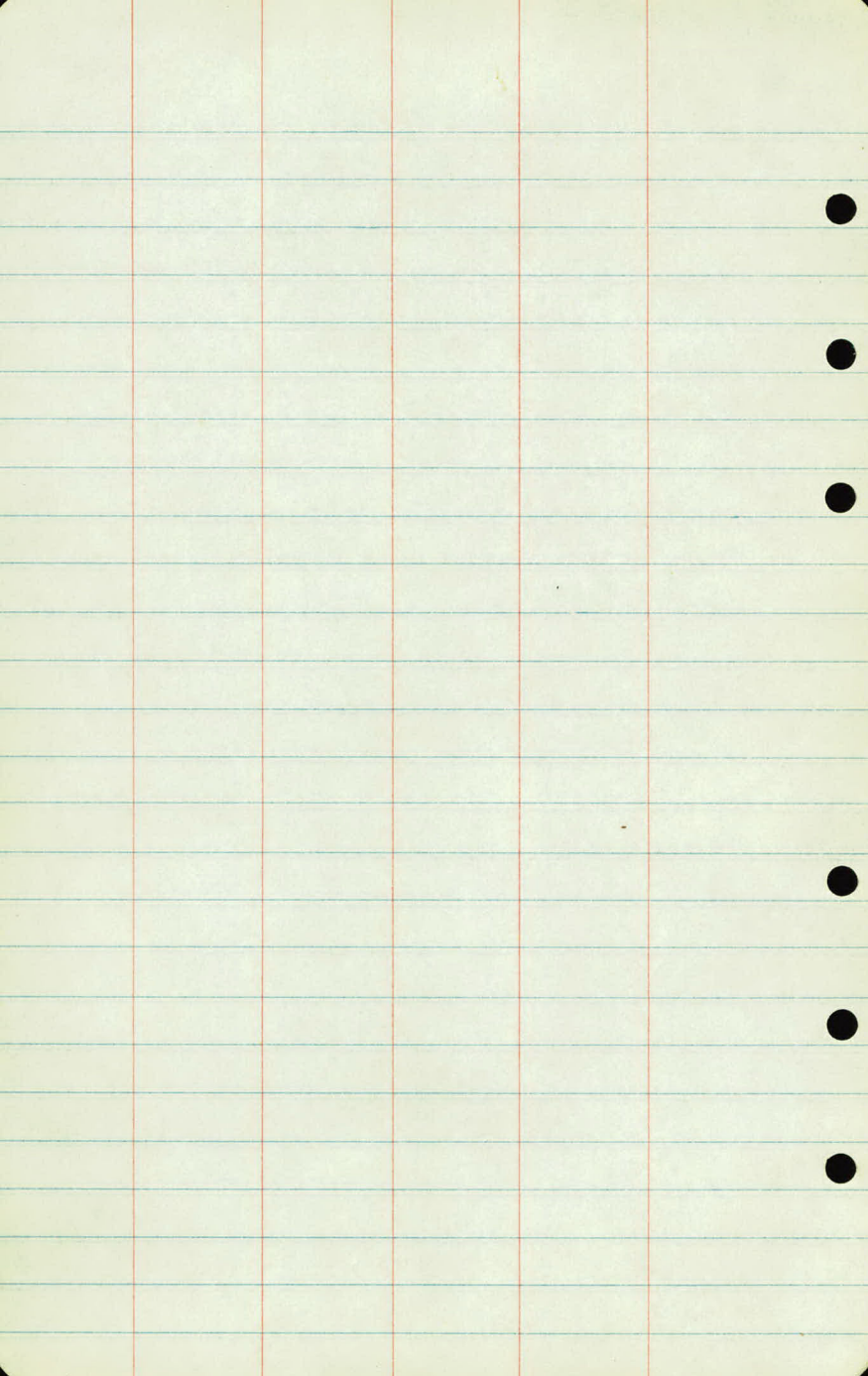
Rt

10.7 9.7 8.6 7.7 6.8 6.1 5.4 4.6 3.9 ✓
100 75 50 25 25 50 75 100

X

73

Top S-End Core. Pump started 11:50 102+25



Edgerton St

Additional X Sections
rt. & H sta 16 + 50

Sta.	+	π	-	Elev
B.M.	3.5			

16 +50

11-22-44
K.P.
C.N.
C.F.

Sta. 16+50

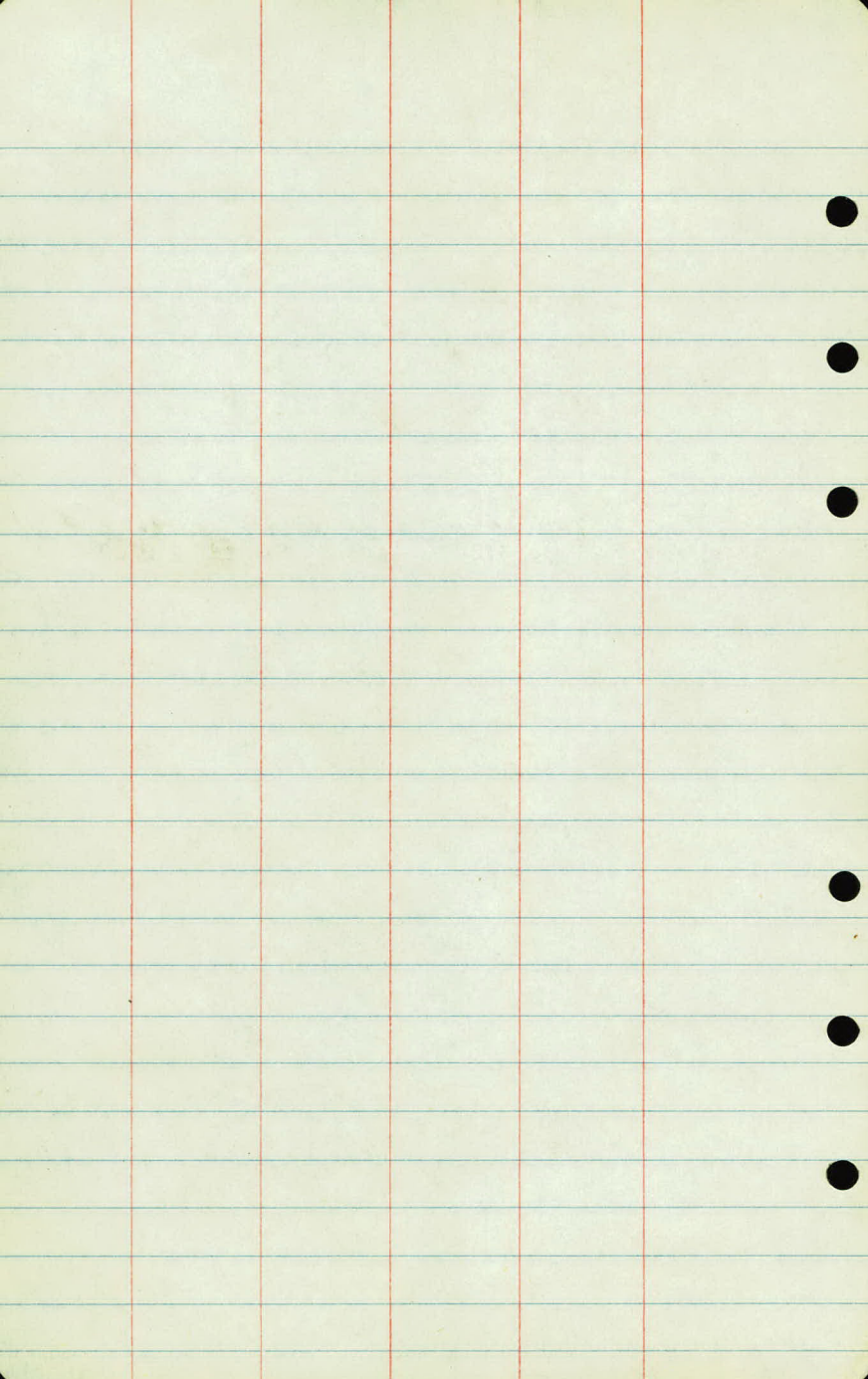
Elev. Water

Elev. Water

18.6	18.1	17.3	17.3	14.9	3.5	11.3	15.8	14.5	17.6	18.7
148	116	93	54	47		50	62	83	130	145

177	159	14.9	107	05
180	193	205	243	263

46	6.9	88	114	146	174
295	265	245	235	225	190



GO Rd A²

Additional X sections

Lt sta 81+ at X drain
82+00

Sta	+	π	-	Elev
B.M.	1462	923.68		909.06

81 + = No. end sewer

92 +00

Elev water 7.43

11-22-44

K.A.
E.N.
C.F.

Lt

E

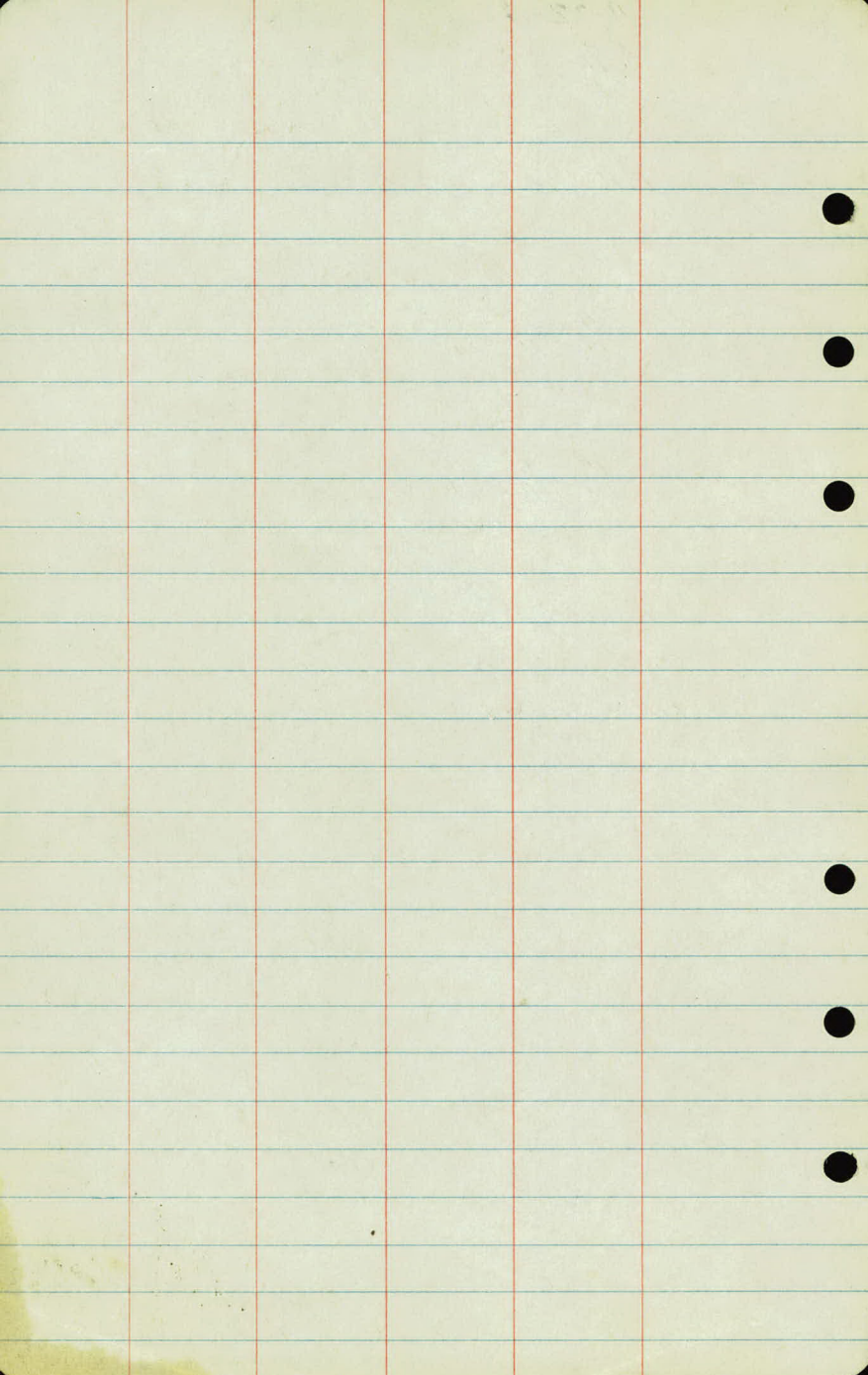
Et

Spk in RR SW Cor Edgerton & A³

94	96	108
100	70	40

98	97	101
100	70	40

Did not find any
readings lower than
these shown



1
ROSELAWN AVE

from

RICE ST to EAST of BRIDGE

X Sections

in connection with bridge

9/58

Sta	+	π	-	Elev.
BM	2.54	894.31		891.77

	1.55	882.97	12.89	881.42
--	------	--------	-------	--------

	1.50	871.39	13.08	869.89
--	------	--------	-------	--------

862.94

BM			9.23	862.16
----	--	--	------	--------

0+23

+38

TP	5.77	875.66	1.50	869.89
----	------	--------	------	--------

			12.31	863.35
--	--	--	-------	--------

T.P.	11.05	885.99	0.72	874.94
------	-------	--------	------	--------

T.P.	10.08	894.62	1.45	884.54
------	-------	--------	------	--------

BM			2.88	891.74
----	--	--	------	--------

891.77

FK
RG
RR

± Sept 16, 1958

2

Lt

Rt

Top 2" Iron Weep pipe in Wall Rt Sta 11+92

See Line Elev. Rail at E Bridge 95.65

Mont

Brass Plug E Rice St at A²

61.63
9.76
5.5

62.75

62.31

62.26

61.96

62.45

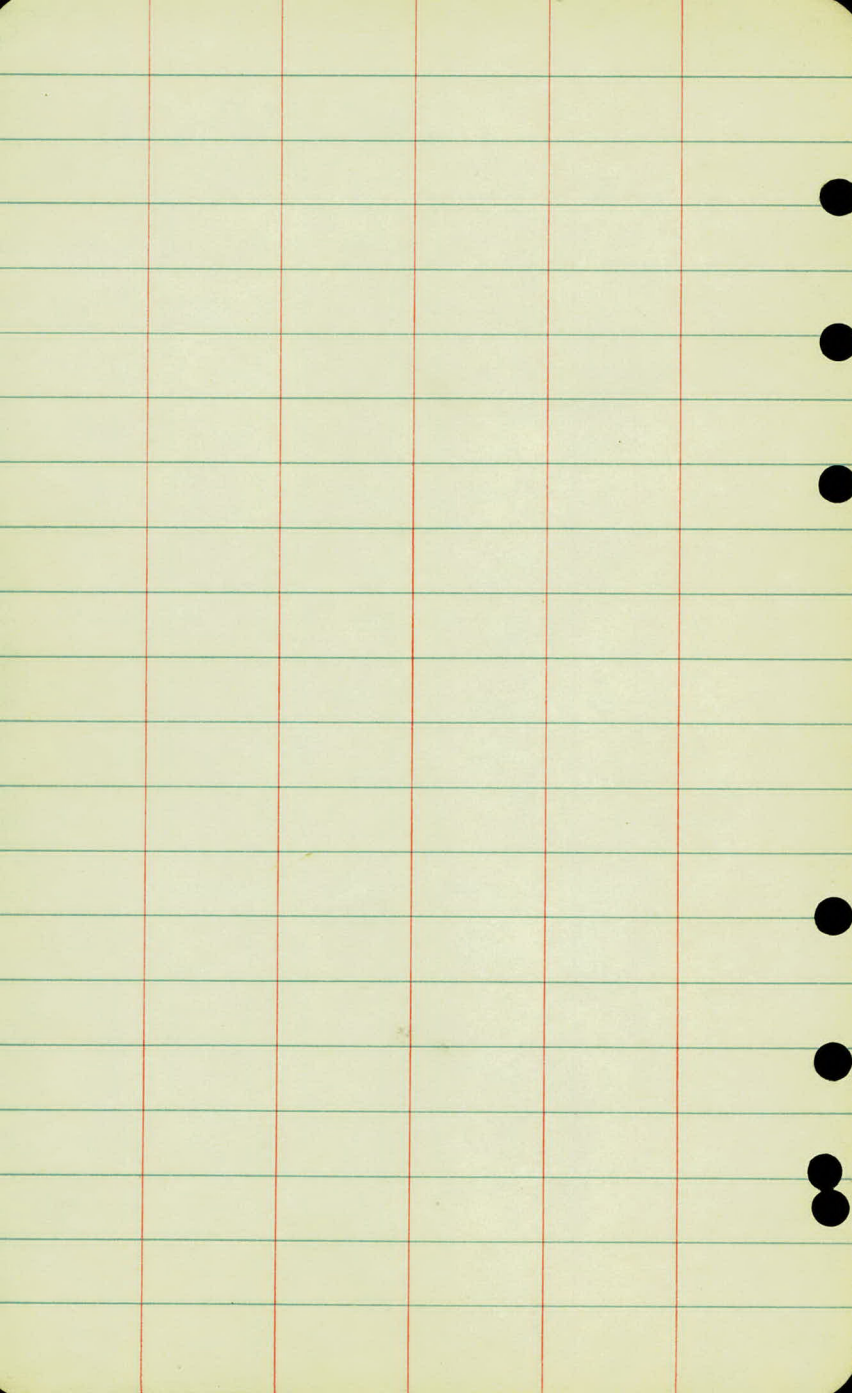
8.64 2.08
C G
9.5

9.13
5.5

9.43 8.94
G C
20.5

Top Rail on E Bridge = 95.65

Top 2" Iron Weep pipe in Wall Rt Sta 11+92



SEPT. 18, 1958

1.

RG
KP
RR

Co. Rd. "A2"

Rice St to JACKSON

X-SECTIONS

STA	+	π	-	Elev.
BM	13.00	875.16		862.16

D+48

✓

D+76

✓

1+00

2

4

BT

BRASS PLUG TOP MONT BICE & A2

9.9	9.8	9.9
70	83	100
65.3	65.4	65.3

65.7	66.1	62.4	62.6	62.7	62.4	62.2	62.0	61.9
9.5	9.1	12.8	12.6	12.5	12.8	13.0	13.2	13.3
42	27	17	15		7	23	37	50

65.7	65.5	65.5
9.5	9.7	9.7
60	77	100

66.1	66.3	66.5	62.6	62.9	63.0	62.6	62.5	62.2	62.2
9.1	8.9	8.7	12.6	12.3	12.2	12.6	12.7	13.0	13.0
64	43	26	19	=		10	22	31	50

66.1	66.0
9.1	9.2
82	100

STA

+

T

-

Elev.

875.16

1+50

✓

1+80

✓

1+83

✓

XP
PP

SEPT 18, 1958

3

4

RT

68.3	68.9	63.0	63.3	63.6	63.0	62.9	62.8
6.9	6.3	12.2	11.9	11.6	12.2	12.3	12.4
42	28	18	11		20	31	50

68.5	68.9	69.7	70.1
6.7	6.3	5.5	5.1
63	77	94	100

73.2	71.8	70.7	63.3	63.8	64.0	63.5	63.0	64.0	63.9
2.0	3.4	4.5	11.9	11.4	11.2	11.7	12.2	11.2	11.3
73	51	29	18	11		10	19	22	35

75.4
+0.2
100

64.1	63.6	63.0	64.4	64.6
11.1	11.6	12.2	10.8	10.6
	10	19	27	32

62.4	64.6
12.8	10.6
50	39

63.1	63.8
13.1	11.4
50	40

STA	+	-	Elev
-----	---	---	------

	875.16		
--	--------	--	--

1+84			
------	--	--	--

✓			
---	--	--	--

2+00			
------	--	--	--

✓			
---	--	--	--

TP	11.42	875.71	10.87 864.29
----	-------	--------	--------------

2+50			
------	--	--	--

✓			
---	--	--	--

SEPT 18, 1958

4.

RG

KD

RR

4

4

RT

1.7	3.4	4.4	11.8	11.3	11.1	11.6	12.2	8.3	8.9
66	47	30	17	10		10	19	26	39
73.5	71.8	70.8	63.4	63.9	64.1	63.6	63.0	66.9	66.3
72.7	74.2	76.2						62.4	63.3
2.5	4.1	11.6	11.0	10.9	11.4	11.9	8.2	8.6	
53	31	18	10		10	18	26	35	
72.7	71.1	63.6	64.2	64.3	63.8	63.3	67.0	66.6	
2.0	75.5	76.1					64.7	65.9	
59	89	100					50	39	

57A 2+00

3.6	5.0	11.3	10.9	10.7	11.1	11.9	9.9	11.7
50	31	20	12		13	19	27	39
72.1	70.7	64.4	64.8	65.0	64.6	63.8	65.8	64.0
72.7	73.8							62.3
3.0	1.9							13.4
78	100							50

STA	+	T	-	Elev.
		875.71		

3+00

✓

3+20

✓

TP	3.38	878.34	0.75	874.96
----	------	--------	------	--------

TBM			10.83	867.51
-----	--	--	-------	--------

TBM			10.68	867.66
-----	--	--	-------	--------

T

	0.79	868.30	6.88	
--	------	--------	------	--

	2.09	869.75	10.51	
--	------	--------	-------	--

867.51

867.66

RG
KD
RR

LT

SEPT. 18, 1958
RT

5

71.0	70.4	64.9	65.4	65.7	65.4	63.7	63.7	62.7
4.7	5.3	10.8	10.3	10.0	10.3	12.0	12.0	13.0
51	29	21	14		10	23	30	35

70.8

70.5

4.9
77

5.2
100

✓

59.1
16.6
50

61.2
14.5
40

71.3

70.4

65.5

65.7

65.9

65.6

64.0

63.3

61.9

4.9	5.3	10.2	10.0	9.8	10.1	11.7	12.4	13.8
47	31	23	14		12	19	21	30

71.3

71.0

70.7

4.9
63

4.7
78

5.0
100

✓
58.1
17.6
50

59.3
16.4
41

61.3
14.4
38

STA 6

TOP STUMP N SIDE OF CORD 12

TOP STUMP S. SIDE OF CORD 12

50' LT Sta 6+89

FL N END 24" SCP CULVERT 861.42 ✓

FL S END 24" SCP CULVERT 859.24 ✓

38' RT Sta 6+89

STA	+	T	-	ELEV
-----	---	---	---	------

		878.34		
--	--	--------	--	--

TP	1.34	868.36	11.32	867.02
----	------	--------	-------	--------

			6.28	862.08
--	--	--	------	--------

				862.16
--	--	--	--	--------

Lt

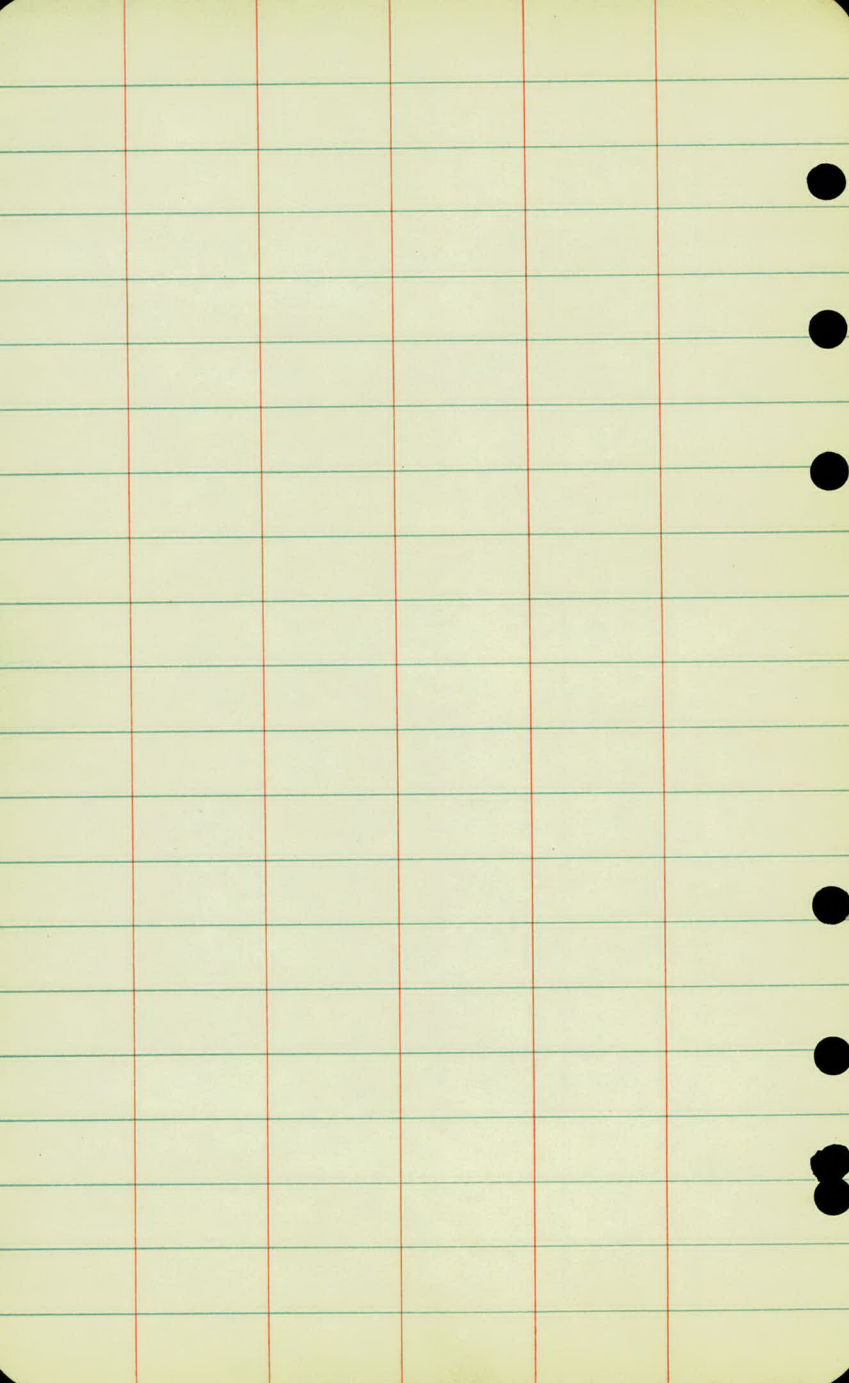
Lt

Rt

6

STA 4

Topmont Kicest & Ar



Roselawn

Rice too 500' East

Barrow Pit x-sections

Sta + π - Elev

BM 13.39 875.55

862.16

0+48

0+76

1

+50

TP 10.46 879.56 6.45 869.10

+50

+80

FA
KP
AB

1 Oct 30, 1958 £ 8

Brass plug £ Rice & Roselawn

65.2
10.4
100

65.5
10.1
100

66.0
9.6
100

14.0	12.4	10.9	9.0	8.6	8.4
1.4	3.2	4.7	6.6	7.0	7.2
173	148	128	100	87	60

14.1 15.5
5.5 4.1
173 188
Driveway

1.8	1.3	1.6	1.8	1.1	1.6	1.8	1.7	1.6
1.8	2.3	3.0	3.8	4.5	5.0	6.8	7.9	9.0
192	172	147	119	100	91	67	50	31

Drive

Sta + π - Elev

879.56

2

✓

+50

✓

+86

Oct 30, 1958

9

LH

15.5	15.2	15.1	15.9	14.1	12.6	11.0
4.1	4.4	3.9	3.7	4.9	7.0	8.6
158	130	115	100	78	54	32

17.2	17.6
------	------

2.4	1.8
175	185

Garden

12.4	11.2	12.1	13.4	13.6	12.3	11.9	10.9
7.2	8.4	7.5	6.2	6.0	7.3	7.7	8.7
173	153	132	119	100	70	52	31

13.6

6.0
187

Garden

9.9	10.1	10.1	10.3	10.9	10.1	6.1	6.4
9.7	9.5	9.5	9.3	8.7	8.9	14.9	14.2
145	126	100	79	56	30	22	

6.1	6.1
-----	-----

9.9	9.9
175	200

Sta	+	π	-	Elev
-----	---	-------	---	------

		879.56		
--	--	--------	--	--

3+00				
------	--	--	--	--

✓				
---	--	--	--	--

+20				
-----	--	--	--	--

+60				
-----	--	--	--	--

+81				
-----	--	--	--	--

4				
---	--	--	--	--

TP	5.34	879.99	4.91	874.65
----	------	--------	------	--------

Oct 30, 1958

10

14

£

10.0

10.2

10.1

10.5

10.5

11.1

10.6

9.6

9.4

9.5

9.1

9.1

8.5

9.0

171

149

131

100

85

57

30

19.9

9.7

200

69.7

10.1

10.3

10.4

10.2

10.5

11.0

11.4

10.3

9.9

9.5

9.3

9.2

9.4

9.1

8.6

8.2

9.3

200

182

159

136

117

100

78

50

31

11.8

12.2

11.4

10.1

10.5

10.6

10.9

10.9

10.1

7.8

7.4

8.2

8.9

9.1

9.0

8.7

8.7

9.5

200

178

150

122

100

82

59

43

31

14.6

14.7

14.3

13.1

12.3

12.5

12.0

10.1

5.0

4.9

5.3

6.5

7.3

7.1

7.6

8.9

200

180

158

132

100

82

56

31

16.5

16.8

16.4

15.4

14.6

13.8

12.5

10.2

9.9

2.8

1.8

3.2

4.2

5.0

5.8

7.1

9.4

9.7

186

152

131

100

83

69

38

30

200

Sta	+	x	-	Elev
-----	---	---	---	------

		879.99		
--	--	--------	--	--

A+30				
------	--	--	--	--

✓				
---	--	--	--	--

+45				
-----	--	--	--	--

✓				
---	--	--	--	--

A+100				
-------	--	--	--	--

		12.92867.07		867.02
--	--	-------------	--	--------

Oct 30, 1958 £ 11

11

14.8 12.9 9.8 61.6 66.7 61.6 61.8

5.2 7.1 10.2 12.4 13.3 12.4 12.2
100 84 58 30 22 13

16.1 16.1 11.6 11.8 11.2

3.9 3.3 2.4 2.2 2.8
117 130 164 188 200

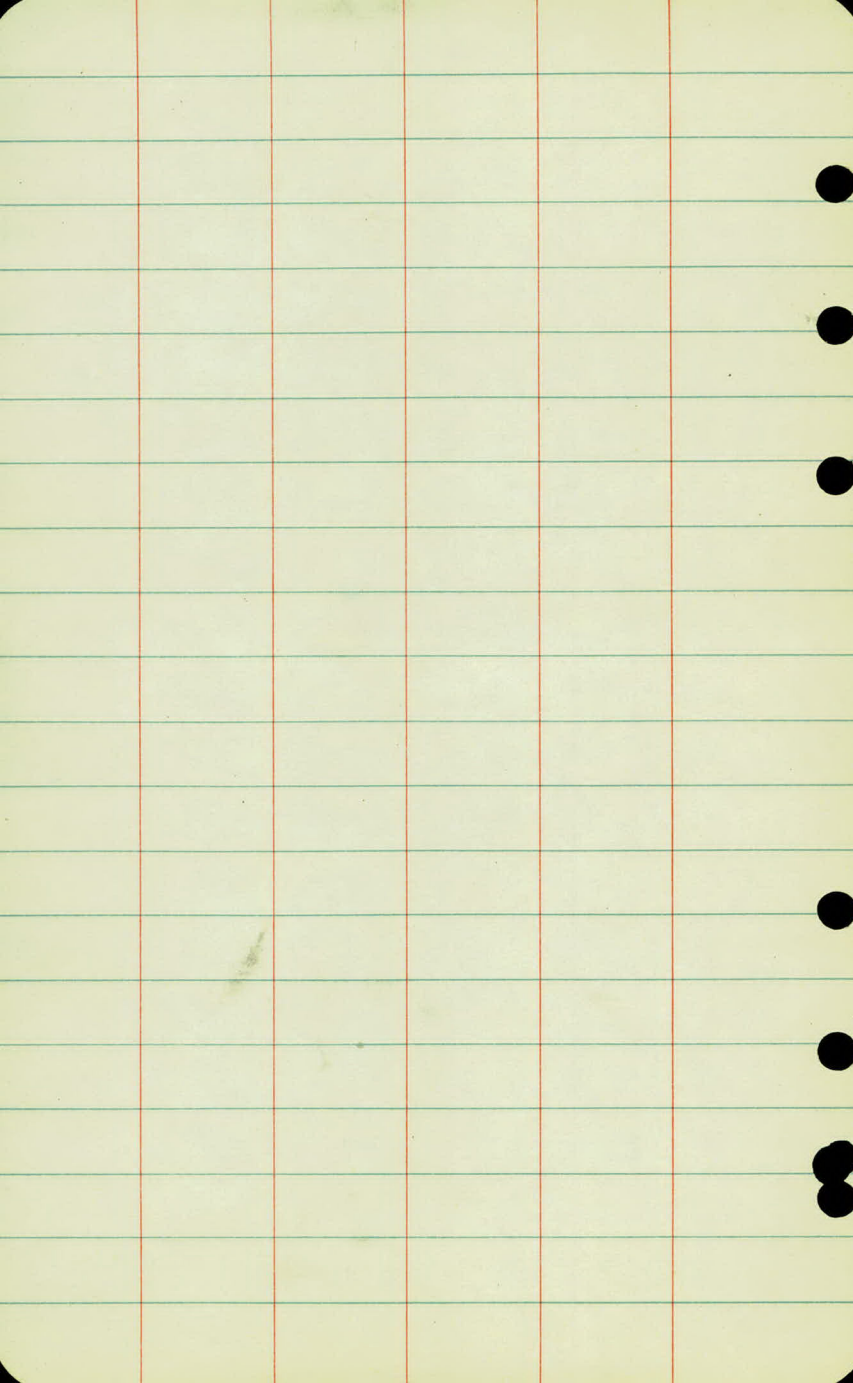
16.2 14.5 10.2 61.4 61.2 68.0 68.2

3.8 5.5 9.8 12.2 12.8 12.0 11.8
117 100 67 38 22 15

11.1 11.5 11.1 11.5 11.0

2.9 2.5 2.3 2.5 3.0
140 159 176 192 200

£ For Check



April 28, 1959

a

Roselawn Ave

Rice to Jackson

Bridge Elevation

Pages a-b

	Paved = 22.3			
Keller Parkway	BT Width = 26		Shoulders = 36	
	1+50	4+00	6+00	10+00
Johanna Blvd	35.7	35.7	36.3	36.0
"	E Prop. Line 36			
150' Eot	"	"	"	29

Sta	+	Δ	-	Elev
BM	1.02	892.79		891.77

8+64.7 Beginning Bridge

9+87 4.59

9+93 4.40 88.39

10+00 4.34

8+00 8.76 884.0 84.1

FK
KP
JH

April 28, 1957

6

2" Drainage pipe in wall Rt Stall #93

86.87

6.10
N.W. Cor

5.92
±

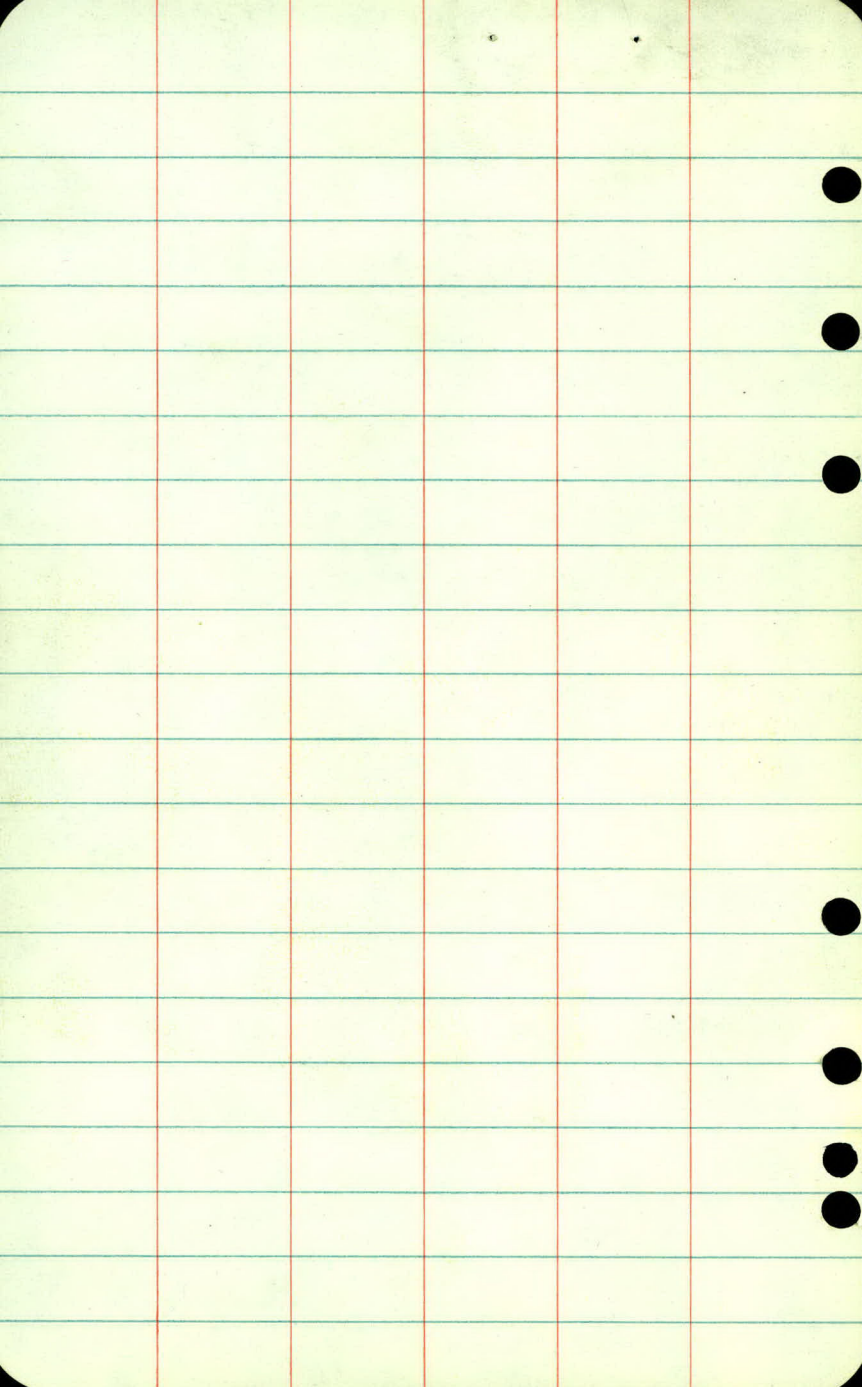
6.12
S.W. Cor

S.E. Cor Bridge

Bridge ± E. End

N.E. Cor Bridge

±



Roselawn of Sec Line
East End

± Bridge = 1.78 N. of Sec Line

NE Cor 16.83

Line

13.27 SE Cor

Section

122.2 NW Cor 17.12 13.02 SW Cor

± Bridge = 2.05 N. of Sec. Line

West End Sta 10+22.2

1 + 80

2

+ 50

+ 86

3

+ 20

+ 60

+ 81

4

+ 30

+ 45

1

FK
RL
RR
OP
DF

June 26, 1959

1

Roselawn

Rice to 500' East

Borrow Pit X-sections

8 pages

Rec. 6/29/59 K.A.

Sta + Δ - Elev

BM 10.8087296

862.16

0 + 48

0 + 76

1

+50

✓

+55

June 26, 1959

Lt

2

Brass Plug Top Mont Rice & Rose lawn

65.1	61.7	62.4	62.5
7.9	11.3	10.6	10.5
33	19	14	
NG			

65.9	62.4	62.8	62.9
7.1	10.4	10.2	10.1
33	18	14	
NG			

66.1	62.9	63.1
6.9	10.1	9.9
34	17	
NG		

69.3	67.9	67.3	67.8	67.8	64.6	63.5	63.7
3.7	5.1	5.7	5.2	5.2	8.4	9.5	9.3
162	127	90	60	33	25	17	

72.2
→ 0.8
172

67.6	67.2	66.8	65.1	64.2	64.5	63.6	63.7
5.4	5.8	6.2	7.9	8.8	8.5	9.4	9.3
115	85	66	48	26	24	17	

Sta + π - Elev

872.96 -

1+55

+80

✓

2

✓

+50

June 26, 1959

3

LH

L

72.8	69.4	68.9	68.1
3.2	3.6	4.1	4.9
175	162	158	140

67.2	66.9	66.3	66.2	65.2	63.8	64.1
5.8	6.1	6.7	6.8	7.8	9.2	8.9
101	88	62	50	29	18	

67.6	68.1	68.6	71.1	72.9
5.4	4.9	4.4	1.9	0.1
127	149	173	181	187

66.7	66.3	66.4	66.3	65.7	64.7	64.2	64.4
6.3	6.7	6.6	6.7	7.3	8.3	8.8	8.6
89	66	54	42	27	20	19	

67.6	67.7	68.5	68.8	69.3	71.1
5.4	5.3	4.5	4.2	3.7	1.9
114	139	165	186	192	200

68.5	67.8	67.3	66.8	66.5	65.0	65.2
4.5	5.2	5.7	6.2	6.5	8.0	7.8
124	98	69	38	27	17	

Sta	+	π	-	Elev
-----	---	-------	---	------

		872.96		
--	--	--------	--	--

2+50				
------	--	--	--	--

✓				
---	--	--	--	--

+86				
-----	--	--	--	--

✓				
---	--	--	--	--

✓				
---	--	--	--	--

3				
---	--	--	--	--

June 26, 1959

4

21

69.8	69.3	68.8	69.1	69.2	69.3
3.2	3.7	4.2	3.9	3.8	3.7
237	220	200	181	164	146

70.4
→ 2.6
257
146



68.5	67.8	67.8	67.9	66.9	65.8	65.2	65.7
4.5	5.2	5.2	5.4	6.1	7.2	7.6	7.3
104	88	76	52	27	24	18	

69.2	69.9	69.9	69.5	69.5	69.5
→ 3.8	3.1	3.1	3.5	3.5	3.5
126	141	162	182	200	218



70.4	69.6	69.4
2.6	3.4	3.6
281	266	246
NG		

67.8	67.7	67.5	66.9	66.0	65.7	65.9
5.2	5.3	5.5	6.1	7.0	7.3	7.1
89	67	46	27	24	18	



Sta	+	π	-	Elev.
-----	---	-------	---	-------

		872.96		
--	--	--------	--	--

3				
---	--	--	--	--

✓				
---	--	--	--	--

+20				
-----	--	--	--	--

✓				
---	--	--	--	--

+60				
-----	--	--	--	--

TP	2.59	877.96	2.59	870.37
----	------	--------	------	--------

June 26, 1959 $\frac{1}{2}$ 5

Lt

69.3	69.8	69.9	69.3	68.3	68.8
3.7	3.2	3.1	3.7	4.7	4.2
200	178	160	142	123	105

Nat. Beyond
End of Cut Beyond

69.1	69.0	69.0	69.2	✓
3.9	4.0	4.0	3.8	
217	239	258	268	

Nat Ground

69.2	68.3	67.9	67.5	67.1	66.4	65.9	66.1
3.8	4.7	5.1	5.5	5.9	4.6	7.1	6.9
112	85	60	38	27	25	17	

69.5	69.7	70.2	70.1	69.9	✓
3.5	3.3	2.8	2.9	3.1	
131	149	163	175	194	

NG

70.4	69.9	69.7	69.2	68.2	67.3	66.4	66.6
2.6	3.1	3.3	3.8	4.8	5.7	6.6	6.4
124	102	82	58	36	26	17	

70.8	71.1	71.2	70.8	70.2	70.0
2.2	1.9	1.8	2.2	2.8	3.0
145	165	184	200	121	25

221

NG
250

✓

Sta + K - Elev

877.96

3+81

✓

4

✓

+

✓

+45

End of Cut,

June 26, 1959 $\neq$ 6

11

71.5 70.8 70.3 69.2 68.4 67.7 66.9 66.9
 6.5 7.2 7.7 8.8 9.6 10.3 11.1 11.1
 118 99 80 58 39 28 18

72.1 72.4 73.2 73.3 73.0 72.6 71.4
 → 5.9 5.6 4.8 4.7 5.0 5.4 6.6
 133 145 170 189 200 213 233
 NG

72.6 71.9 71.1 70.6 69.6 68.4 67.4 67.4
 5.4 6.1 6.9 7.4 8.4 9.6 10.6 10.6
 144 119 95 74 56 32 18

73.0 73.5 74.2 74.3 74.0 73.2
 → 5.0 4.5 3.8 3.7 4.0 4.8
 159 179 200 208 224 232
 NG

71.3 70.0 69.5 67.5 67.6 68.3 68.0 68.1
 6.7 8.0 8.5 10.5 10.4 9.7 10.0 9.9
 84 59 37 24 21 19 18

71.9 72.9 73.3 73.4 73.7 73.8 71.8
 → 6.1 5.1 4.7 4.6 4.3 4.2 6.2
 102 132 153 176 200 224 249

70.1
 7.9
 262
 NG

Sta + π - Elev

877.96

+50

+55

+80

2

+35

✓

June 26, 1959 £

7

14

15.7

2.3

18.2

NG

16.1

1.9

18.4

NG

17.7

0.3

20.5

NG

16.4

16.0

1.6

2.0

22.6

22.1

NG

67.5

67.2

66.9

66.3

64.8

64.9

10.5

10.8

11.1

11.7

13.2

13.1

100

78

48

27

17

68.2

68.5

68.8

68.8

68.4

68.6

69.2

9.8

9.5

9.2

9.2

9.6

9.4

8.8

124

133

148

170

188

200

215

Sta + π - Elev

827.96

2+35

BM

11.83 866.13 866.00

June 26, 1959

E

8

Lt

70.4

70.1

70.0

69.8

76

79

80

82

258

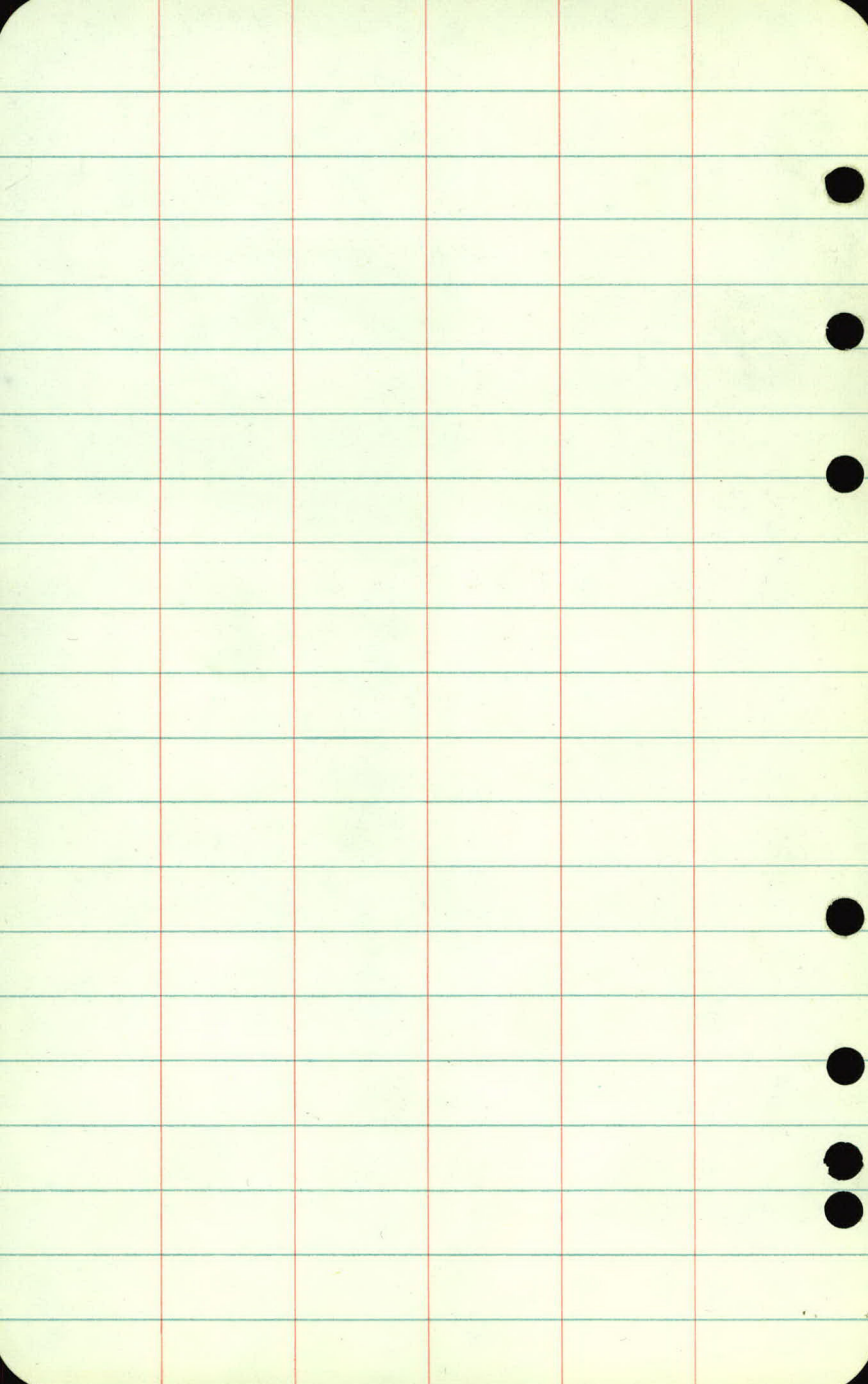
254

243

233

NG

USGS

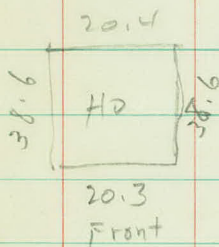


DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	----------------	---------------	-----	-------	-------

STADIA

CORR A2, McMeremy to Edgerton

4 pages



plotted 10/7/57

OBJECT

HI 916.40

STADIA

At sta 56
to station 50+42.17 270°00'

Station #

SW
corner
house

334°25' 114

SE
corner
house

344°20' 116

NE
corner
house

349°00' 145

ridge

351°00' 138

"

349°20' 116

"

347°20' 87

"

340°00' 55

G.E.

350°20' 42

"

358°00' 66

"

1°20' 97

"

1°00' 128

ditch

80°45' 142

"

79°20' 121

G.E.

351°10' 185

ditch

77°00' 98

0670821 4,1957

^{FK} ^{XP} DIST. ^{WH} ^{RW}	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV 2
			HI 5.4		911.00
			3.5		12.9 ✓
			5.6		10.8 ✓
			6.7		09.7 ✓
			8.3		08.1 ✓
			7.5		08.9 ✓
			7.2		09.2 ✓
			6.6		09.8 ✓
			6.2		10.2 ✓
			8.8		07.6 ✓
			11.3		05.1 ✓
			13.2		03.2 ✓
			13.9		02.5 ✓
			10.3		06.1 ✓
			9.8		06.6 ✓
			9.3		07.1 ✓
			9.0		07.4 ✓

OBJECT

9/6.40 ✓

AZ.

STADIA

SE cor
Shed

350°50' 194

ditch

71°50' 69

6E

356°35' 192

ditch

48°00' 32

6E

358°10' 224

"

4°20' 210

"

9°00' 195

ditch

308°20' 34

6E

17°20' 180

"

24°50' 190

"

29°30' 198

"

32°25' 166

"

37°45' 145

"

346°45' 30

"

47°30' 118

18°15' 52

66°20' 99

October 4, 1957 3

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
			9.0		07.4 ✓
			7.9		08.5 ✓
			13.9		02.5 ✓
			7.0		09.4 ✓
4.16	-2°23'	9.3	7.0	16.3	00.1 ✓
4.16	-2°23'	8.7	11.0	19.0	97.4 ✓
4.16	-2°23'	8.1	12.3	20.4	96.0 ✓
			5.8		10.6 ✓
6.84	-3°56'	12.3	10.0	22.3	94.1 ✓
6.84	-3°56'	13.0	9.1	22.1	94.3 ✓
6.76	-3°53'	13.4	8.0	21.4	95.0 ✓
6.76	-3°53'	11.2	7.8	16.0	00.4 ✓
			12.5		03.9 ✓
			6.1		10.3 ✓
			10.0		06.4 ✓
			8.5		07.9 ✓
			7.1		09.3 ✓

OBJECT

916.40 ✓

AZ.

STADIA

6E

21°45' 78

"

44°50' 98

"

36°10' 108

"

22°45' 110

"

23°25' 139

"

8°40' 154

"

32°00' 187

8°50' 85

28°10' 206

67°40' 73

56°30' 48

31°40' 31

+

π

-

Elev

BM

3.90

912.50

OCTOBER 9, 1957

4

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
			12.0		04.4 ✓
			10.1		06.3 ✓
			12.8		03.6 ✓
6.67	-3°50'	7.3	8.0	15.3	01.1 ✓
6.67	-3°50'	9.3	8.0	17.3	99.1 ✓
6.33	-3°38'	9.7	8.0	17.7	98.7 ✓
6.33	-3°38'	11.8	7.1	18.9	97.5 ✓
			13.4		03.0 ✓
6.21	-3°34'	12.8	11.0	23.8	92.6 ✓
			6.8		09.6 ✓
			6.2		10.2 ✓
			6.7		09.7 ✓

NW Cor bottom step at church

OBJECT

AZ.

STADIA