ACTUAL STARTING ELEVATION
IS 1262.93
STA. 0+00 WEST R.O.W. FENCE OF RAILROAD
STA. 2+90 P.I. ∡ = 155° 10'
STA. 3+75 F.L. OF TILE FROM S.W., 65' LEFT OF ℄ 58.11
STA. 8+85 F.L. OF 6" TILE FROM S.W. 57.80
STA. 11+00 P.I. ∡ = 161°17'
STA. 15+90 TOP OF TILE 59.05
STA. 20+60 SOUTH FENCE OF GRAVEL ROAD
STA. 21+06.4 ℄ OF GRAVEL ROAD
STA. 22+60 P.I. ∡ = 135° 35'
STA. 25+80 P.I. ∡ = 131° 11', ALSO TILE FROM S.W. (SURFACE WATER) 60.69
STA. 30+50 P.I. ∡ = 134° 42'
STA. 37+80 P.I. ∡ = 145° 10'
STA. 40+90 TOP OF 7" TILE FROM WEST 61.58
STA. 45+96.4 P.I. ∡ = 148° 44'
STA. 46+93 F.L. OF 18" TILE FROM SOUTH 62.45
STA. 57+15 P.I. ∡ = 89° 10'
STA. 59+94.6 P.I. TO OFFSET LINE 20' ∡ = 119° 56'
STA. 60+41 EAST FENCE LINE OF GRAVEL ROAD
STA. 60+98.8 ℄ OF GRAVEL ROAD
STA. 68+26 TOP OF 10" TILE 65.70
STA. 75+80 P.I. ∡ = 160° 49'
STA. 78+06 FENCE LINE WEST
STA. 79+47 TOP OF 6" TILE 68.55
STA. 83+00 P.I. ∡ = 176° 58'
STA. 85+00 TOP OF 14" TILE 70.31
STA. 89+15 B.M. N.W. CORNER OF BRIDGE, ON CONCRETE 74.10
STA. 90+80 P.I. ∡ = 147° 45'
STA. 94+60 P.I. ∡ = 155° 01'
STA. 95+07 FENCES NORTH & SOUTH
STA. 97+00 TOP OF 8" TILE, FROM NORTH 72.57
STA. 100+60 P.I. ∡ = 169° 37'
STA. 104+65 P.I. ∡ = 132° 56'
STA. 110+00 P.I. ∡ = 120° 49'
STA. 110+76 FENCE LINE, EAST & WEST, ALSO F.L. OF 5" TILE WEST SIDE OF CREEK 76.98
STA. 120+84 P.I. ∡ = 146° 51'
STA. 142+00 P.I. ∡ = 175° 55'
STA. 146+53 TILE FROM EAST
STA. 148+35 CENTER OF THE TWO 36" C.M.P.
283.64 F.L. OF NORTH PIPE (36" C.M.P.)
283.30 F.L. OF SOUTH PIPE (36" C.M.P.)
81.23
73.98
EQUATION 128+07.5 = 137+23
0.29% 6' BASE 2:1 SIDE SLOPES
0.066% 6' BASE 2:1 SIDE SLOPES
0.13% 10' BASE 2:1 SIDE SLOPES
= STA. 16+00 OPEN DITCH
P. Wanger 1500'
80.00
75.00
75.77
PROP. DITCH ELEV. 74.27
0.20% 8" 1500'
6" TILE
6" TILE
Tile Lat No. 1
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
138
143
148
0
5
10
15

Proposed Profile
Open Ditch and
Tile Lateral

D.D. 205

Sec. 11, 12, 13 COON TWP
DAREL D. BURNS CIVIL ENGINEER
JAN. 1974