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| DATE | BY | DATE | BY |
| | | | |
| PLAN | SUBMITTED | DATE | BY |
| NOTE BOOK | PLOTTED | | |
| NO. | ALIGNED | | |
| | CHECKED | | |
| | NO. | | |
| | DATE | | |
| | BY | | |
| | FILE NAME | | |

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|-----------|----------------|------|----|
| DATE | BY | DATE | BY |
| | | | |
| PROFILE | SUBMITTED | DATE | BY |
| NOTE BOOK | PLOTTED | | |
| NO. | GRABES CHECKED | | |
| | STRUCTURE | | |
| | NOTATIONS CHKD | | |

- 62 STA. 239+50, 41.9' LT
MAN TA 4 DIA TIF CL
RIM = 891.50
INV = 886.40 (E)
INV = 886.40 (N)
INV = 885.15 (S)
- 63 STA. 240+50, 50.6' RT
CB TC T24F&G
RIM = 891.61
INV = 887.15 (E)
INV = 888.78 (PD W)
- 64 STA. 240+50, 59.1' RT
MAN TA 4 DIA TIF CL
RIM = 891.96
INV = 887.05 (W)
INV = 887.05 (N)
INV = 886.95 (S)
- 65 STA. 242+00, 61.5' RT
MAN TA 4 DIA TIF CL
RIM = 892.93
INV = 887.95 (W)
INV = 887.85 (S)
- 66 STA. 242+00, 53.0' RT
CB TC T24F&G
RIM = 892.57
INV = 888.05 (E)
INV = 889.74 (PD W)
- 67 STA. 241+50, 15.8' RT
CB TC T24F&G
RIM = 893.03
INV = 888.45 (W)
- 67A STA. 241+50, 15.8' LT
CB TC T24F&G
RIM = 893.03
INV = 888.30 (E)
INV = 888.20 (W)
- 68 STA. 241+50, 41.3' LT
INLETS TB T24F&G
RIM = 892.55
INV = 888.05 (E)
INV = 887.95 (W)
- 69 STA. 241+50, 46.4' LT
MAN TA 4 DIA TIF CL
RIM = 892.80
INV = 887.85 (E)
INV = 887.75 (S)
- 70 STA. 241+60, 39.8' LT
CB TC T24F&G
RIM = 892.74
INV = 888.15 (S)
- 71 STA. 233+19, 60.9' LT
PRC FLAR END SEC 12
INV = 882.50 (E)
- 72 STA. 244+05, 41.0' RT
CB TC T24F&G
RIM = 894.32
INV = 890.10 (E)
- 73 STA. 244+05, 49.5' RT
MAN TA 4 DIA TIF CL
RIM = 894.81
INV = 889.90 (W)
INV = 884.00 (S)
INV = 883.90 (N)
- 74 STA. 246+50, 11.3' RT
CB TC T24F&G
RIM = 894.21
INV = 889.00 (E)
- 75 STA. 246+50, 42.0' RT
CB TA 4 DIA T24F&G
RIM = 893.67
INV = 887.70 (W)
INV = 887.70 (E)
- 76 STA. 246+50, 49.5' RT
MAN TA 4 DIA TIF CL
RIM = 894.03
INV = 887.50 (W)
INV = 882.60 (S)
INV = 882.50 (N)

- 77 STA. 249+40, 63.4' RT
PRC FLAR END SEC 12
INV = 888.90 (NW)
- 78 STA. 246+90, 41.0' LT
CB TC T24F&G
RIM = 893.21
INV = 888.70 (W)
- 79 STA. 246+90, 58.6' LT
MAN TA 4 DIA TIF CL
RIM = 892.81
INV = 888.60 (E)
INV = 888.50 (N)
- 80 STA. 248+00, 3.7' LT
CB TC T11F&G
RIM = 892.17
INV = 886.25(E)
- 81 STA. 248+25, 42.0' RT
CB TA 4 DIA T24F&G
RIM = 891.28
INV = 885.75 (SW)
INV = 883.75 (E)
INV = 888.45 (PD W)
- 82 STA. 248+25, 49.5' RT
MAN TA 4 DIA TIF CL
RIM = 891.92
INV = 881.65 (S)
INV = 883.55 (W)
INV = 881.55 (N)
- 83 STA. 249+00, 41.0' LT
CB TC T24F&G
RIM = 890.09
INV = 885.50 (W)
- 84 STA. 249+00, 58.6' LT
MAN TA 4 DIA TIF CL
RIM = 889.79
INV = 885.40 (E)
INV = 885.40 (S)
INV = 885.30 (N)
- 85 STA. 249+50, 9.0' LT
CB TC T11F&G
RIM = 889.86
INV = 885.40 (E)
- 86 STA. 249+50, 42.0' RT
CB TA 4 DIA T24F&G
RIM = 889.32
INV = 885.00 (W)
INV = 883.00 (E)
- 87 STA. 249+50, 49.5' RT
MAN TA 4 DIA TIF CL
RIM = 889.68
INV = 882.80 (W)
INV = 880.90 (S)
INV = 880.80 (N)
INV = 887.60 (SE)
- 88 STA. 251+00, 9.0' LT
CB TC T11F&G
RIM = 887.59
INV = 883.00 (E)
- 89 STA. 251+00, 42.0' RT
CB TA 4 DIA T24F&G
RIM = 887.04
INV = 882.65 (W)
INV = 882.15 (E)
- 90 STA. 251+00, 49.5' RT
MAN TA 4 DIA TIF CL
RIM = 887.41
INV = 881.95 (W)
INV = 880.05 (S)
INV = 879.95 (N)
- 91 STA. 251+25, 53.0' LT
CB TC T24F&G
RIM = 886.30
INV = 882.30 (W)
INV = 883.47 (PD E)

- 92 STA. 251+25, 58.6' LT
MAN TA 4 DIA TIF CL
RIM = 886.76
INV = 882.20 (S)
INV = 882.20 (E)
INV = 882.10 (W)
- 93 STA. 251+25, 75.5' LT
PRC FLAR END SEC 15
INV = 882.00 (E)
- 94 STA. 253+00, 41.0' RT
CB TC T24F&G
RIM = 884.01
INV = 879.45 (E)
- 95 STA. 253+00, 58.6' RT
MAN TA 4 DIA TIF CL
RIM = 884.20
INV = 879.35 (W)
INV = 878.95 (S)
INV = 878.85 (N)
- 96 STA. 254+25, 51.7' LT
CB TC T24F&G
RIM = 881.88
INV = 877.40 (W)
INV = 879.05 (PD E)
- 97 STA. 253+00, 57.3' LT
MAN TA 4 DIA TIF CL
RIM = 882.13
INV = 877.30 (E)
INV = 877.20 (N)
- 98 STA. 254+50, 39.2' RT
CB TC T24F&G
RIM = 881.73
INV = 877.40 (E)
- 99 STA. 254+50, 57.9' RT
MAN TA 4 DIA TIF CL
RIM = 881.93
INV = 877.20 (W)
INV = 877.60 (S)
INV = 877.10 (N)
- 100 STA. 256+00, 36.0' RT
CB TC T24F&G
RIM = 879.45
INV = 875.15 (E)
INV = 875.15 (W)
- 100A STA. 256+00, 11.0' RT
CB TC T24F&G
RIM = 879.93
INV = 875.30 (E)
- 101 STA. 256+00, 53.6' RT
MAN TA 4 DIA TIF CL
RIM = 879.64
INV = 875.05 (S)
INV = 875.05 (W)
INV = 874.95 (N)
- 102 STA. 256+00, 11.0' LT
CB TC T24F&G
RIM = 879.93
INV = 875.30 (W)
- 103 STA. 256+00, 42.2' LT
INLETS TB T24F&G
RIM = 879.31
INV = 875.00 (E)
INV = 874.90 (W)
- 104 STA. 256+00, 47.3' LT
MAN TA 4 DIA TIF CL
RIM = 879.58
INV = 874.80 (S)
INV = 874.80 (E)
INV = 873.30 (N)
- 105 STA. 257+50, 9.8' RT
CB TC T24F&G
RIM = 877.65
INV = 873.15 (E)

- 106 STA. 257+50, 37.0' RT
CB TA 4 DIA T24F&G
RIM = 877.17
INV = 873.00 (W)
INV = 872.90 (E)
INV = 874.34 (PD SW)
- 107 STA. 257+50, 53.6' RT
MAN TA 4 DIA TIF CL
RIM = 877.36
INV = 872.80 (S)
INV = 872.80 (W)
INV = 872.70 (N)
- 108 STA. 258+00, 10.0' LT
CB TC T24F&G
RIM = 876.89
INV = 872.10 (W)
- 109 STA. 258+00, 36.5' LT
INLETS TB T24F&G
RIM = 876.41
INV = 871.80 (E)
INV = 871.70 (W)
- 110 STA. 258+00, 41.6' LT
MAN TA 4 DIA TIF CL
RIM = 876.66
INV = 869.10 (S)
INV = 871.60 (E)
INV = 872.60 (W)
INV = 867.10 (N)
- 111 STA. 259+00, 1.7' LT
CB TC T24F&G
RIM = 875.54
INV = 871.00 (E)
- 112 STA. 259+00, 37.0' RT
CB TA 4 DIA T24F&G
RIM = 874.89
INV = 870.80 (W)
INV = 870.70 (E)
- 113 STA. 259+00, 53.6' RT
MAN TA 4 DIA TIF CL
RIM = 875.07
INV = 870.60 (S)
INV = 870.60 (W)
INV = 870.50 (N)
- 114 STA. 260+00, 51.6' LT
PRC FLAR END SEC 12
INV = 870.62 (E)
- 115 STA. 260+00, 36.0' LT
CB TC T24F&G
RIM = 873.37
INV = 868.50 (W)
- 116 STA. 260+00, 41.6' LT
MAN TA 4 DIA TIF CL
RIM = 873.62
INV = 869.40 (W)
INV = 868.40 (E)
INV = 866.50 (S)
INV = 866.40 (N)
- 117 STA. 260+50, 36.0' RT
CB TC T24F&G
RIM = 872.61
INV = 866.75 (E)
INV = 869.78 (PD SW)
- 118 STA. 260+50, 53.6' RT
MAN TA 5 DIA TIF CL
RIM = 872.81
INV = 866.65 (W)
INV = 866.65 (S)
INV = 864.65 (N)
- 119 STA. 261+00, 41.6' LT
MAN TA 6 DIA TIF CL R-PLT
RIM = 872.10
INV = 866.10 (S)
INV = 863.00 (N)

- 120 STA. 261+83, 51.0' LT
CB TC T24F&G
RIM = 869.78
INV = 865.40 (SW)
- 121 STA. 261+79, 56.3' LT
MAN TA 4 DIA TIF CL
RIM = 869.91
INV = 864.30 (S)
INV = 865.30 (NE)
INV = 860.80 (W)
- 122 STA. 262+00, 36.0' RT
CB TC T24F&G
RIM = 870.33
INV = 866.20 (E)
- 123 STA. 262+00, 56.5' RT
MAN TA 5 DIA TIF CL
RIM = 870.47
INV = 864.20 (S)
INV = 866.10 (W)
INV = 864.10 (N)
- 124 STA. 263+20, 45.0' RT
CB TC T24F&G
RIM = 868.34
INV = 864.10 (E)
INV = 865.51 (PD SW)
- 125 STA. 263+20, 63.6' RT
MAN TA 6D TIFCL R-PLT
RIM = 869.22
INV = 863.75 (S)
INV = 864.00 (W)
INV = 863.75 (N)
- 126 STA. 264+00, 48.0' LT
CB TC T24F&G
RIM = 867.37
INV = 862.90 (W)
- 127 STA. 264+00, 53.6' LT
MAN TA 4 DIA TIF CL
RIM = 867.68
INV = 862.80 (E)
INV = 862.70 (N)
- 128 STA. 265+45, 52.5' LT
MAN TA 6 DIA TIF CL
RIM = 867.19
INV = 861.60 (E)
INV = 861.60 (N)
INV = 861.50 (W)
- 129 STA. 265+30, 46.5' LT
CB TA 4 DIA T24F&G
RIM = 866.93
INV = 862.60 (N)
INV = 862.50
INV = 864.10 (PD SE)
- 130 STA. 265+40, 45.9' LT
CB TC T24F&G
RIM = 866.93
INV = 862.70 (S)
- 131 STA. 265+40, 63.6' LT
MAN TA 6 DIA TIF CL R-PLT
RIM = 867.18
INV = 862.00 (S)
INV = 862.40 (E)
INV = 862.00 (W)
- 132 STA. 265+35, 68.2' LT
PRC FLAR END SEC 12
INV = 861.75 (E)
- 133 STA. 265+30, 37.0' RT
CB TA 4 DIA T24F&G
RIM = 867.28
INV = 863.15 (N)
INV = 863.05 (E)

- 114 3' - STORM SEW CL A 2, 12" @ 15.25%
TBF = 0.0 CU YD
- 115 2' - STORM SEW CL A 2, 12" @ 5.00%
TBF = 0.7 CU YD
- 116 96' - STORM SEW CL A 2, 30" @ 0.32%
TBF = 0.0 CU YD
- 117 13' - STORM SEW CL A 2, 12" @ 0.67%
TBF = 4.1 CU YD
- 118 146' - STORM SEW CL A 2, 30" @ 0.31%
TBF = 168.9 CU YD
- 119 77' - STORM SEW CL A 2, 12" @ 2.27%
TBF = 0.0 CU YD
- 120 4' - STORM SEW CL A 2, 12" @ 2.50%
TBF = 1.2 CU YD
- 121 NOT USED
- 122 16' - STORM SEW CL A 2, 12" @ 0.53%
TBF = 2.5 CU YD
- 123 116' - STORM SEW CL A 2, 30" @ 0.30%
TBF = 91.5 CU YD
- 124 12' - STORM SEW CL A 2, 12" @ 0.63%
TBF = 2.1 CU YD
- 125 205' - STORM SEW CL A 2, 24" @ 0.39%
TBF = 72.4 CU YD
- 126 2' - STORM SEW CL A 2, 12" @ 3.33%
TBF = 1.0 CU YD
- 127 125' - STORM SEW CL A 2, 24" @ 0.56%
TBF = 0.0 CU YD
- 128 NOT USED
- 129 6' - STORM SEW CL A 2, 12" @ 1.43%
TBF = 0.9 CU YD
- 130 2' - STORM SEW CL A 2, 12" @ 5.00%
TBF = 0.6 CU YD
- 131 6' - STORM SEW CL A 1, 12" @ 2.08%
TBF = 0.0 CU YD
- 132 NOT USED
- 133 6' - STORM SEW CL A 1, 12" @ 1.43%
TBF = 0.9 CU YD
- 134 13' - STORM SEW CL A 2, 12" @ 0.67%
TBF = 4.1 CU YD
- 135 14' - STORM SEW CL A 1, 24" @ 0.67%
TBF = 4.4 CU YD
- 136 5' - PIPE CULVERT EQRS, 24" @ 1.05%
TBF = 0.0 CU YD
- 137 100' - PIPE CULVERT EQRS, 24" @ 1.05%
TBF = 11.0 CU YD
- 138 15' - STORM SEW CL A 1, 24" @ 0.71%
TBF = 1.6 CU YD
- 139 126' - STORM SEW CL A 2, 30" @ 0.20%
TBF = 36.8 CU YD
- 140 7' - PIPE CULVERT EQRS, 24" @ 0.72%
TBF = 0.0 CU YD
- 141 EXISTING STORM SEWER, 30"
- 142 24' - STORM SEW CL A 2, 18" @ 1.46%
TBF = 0.0 CU YD
- 143 120' - STORM SEW CL A 2, 30" @ 0.33%
TBF = 0.0 CU YD

- 144 13' - STORM SEW CL A 2, 12" @ 1.33%
TBF = 2.1 CU YD
- 145 145' - STORM SEW CL A 2, 30" @ 0.24%
TBF = 89.9 CU YD
- 146 2' - STORM SEW CL A 2, 12" @ 5.00%
TBF = 1.0 CU YD
- 147 146' - STORM SEW CL A 2, 30" @ 0.31%
TBF = 0.0 CU YD
- 148 13' - STORM SEW CL A 2, 12" @ 1.33%
TBF = 2.1 CU YD
- 149 231' - STORM SEW CL A 2, 30" @ 0.28%
TBF = 163.1CU YD
- 150 2' - STORM SEW CL A 2, 12" @ 5.00%
TBF = 1.0 CU YD
- 151 231' - STORM SEW CL A 2, 30" @ 0.39%
TBF = 58.6 CU YD
- 152 NOT USED
- 153 6' - STORM SEW CL A 1, 12" @ 1.25%
TBF = 1.1 CU YD
- 154 24' - STORM SEW CL A 2, 12" @ 2.62%
TBF = 2.9 CU YD
- 155 6' - STORM SEW CL A 2, 12" @ 1.43%
TBF = 0.9 CU YD
- 156 2' - STORM SEW CL A 2, 12" @ 5.00%
TBF = 0.7 CU YD
- 157 161' - STORM SEW CL A 2, 12" @ 1.12%
TBF = 0.0 CU YD
- 158 6' - STORM SEW CL A 1, 12" @ 1.43%
TBF = 0.9 CU YD
- 159 24' - STORM SEW CL A 2, 12" @ 0.83%
TBF = 3.2 CU YD
- 160 13' - STORM SEW CL A 2, 12" @ 0.77%
TBF = 4.5 CU YD
- 161 6' - STORM SEW CL A 1, 12" @ 1.43%
TBF = 0.9 CU YD
- 162 111' - STORM SEW CL A 2, 15" @ 0.90%
TBF = 36.5 CU YD
- 163 24' - STORM SEW CL A 2, 12" @ 0.80%
TBF = 3.3 CU YD
- 164 13' - STORM SEW CL A 2, 12" @ 0.77%
TBF = 3.9 CU YD
- 165 146' - STORM SEW CL A 2, 12" @ 1.68%
TBF = 40.6 CU YD
- 166 24' - STORM SEW CL A 2, 12" @ 1.43%
TBF = 2.5 CU YD
- 167 2' - STORM SEW CL A 2, 12" @ 5.00%
TBF = 0.6 CU YD
- 168 196' - STORM SEW CL A 2, 12" @ 1.61%
TBF = 0.0 CU YD
- 169 24' - STORM SEW CL A 2, 12" @ 0.80%
TBF = 3.3 CU YD

NOTES:
1. STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE.
2. RIM ELEVATIONS FOR CURB INLETS ARE AT THE FLOW LINE.

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|--|-----------------|-----------------|-----------|---|----------------------------------|--------------------|---------------------------|---------|--------------|-----------------------|----------|
| FILE NAME = | USER NAME = dte | DESIGNED - KWH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE AND UTILITY PLAN | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| Y:\2278 Virginia Klassen\load\sheet\11-DrainageAndUtilities\2278_D&U_20-23.dgn | | DRAWN - DTE | REVISED - | | | 3887 | 96-00209-01-PV | McHENRY | 271 | 118 | |
| PLOT SCALE = 20.0000' / in. | | CHECKED - GAB | REVISED - | | | CONTRACT NO. 63553 | | | | | |
| PLOT DATE = 10/20/2011 | | DATE - 10/24/11 | REVISED - | | | SCALE: | SHEET NO. 22 OF 23 SHEETS | STA | TO STA | FED. ROAD DIST. NO. 1 | ILLINOIS |