

## Septic Design Chart

| Trenches | Optional                            | Optional                         |                                 |                                  |                                 |                                  |
|----------|-------------------------------------|----------------------------------|---------------------------------|----------------------------------|---------------------------------|----------------------------------|
|          | Manifold Ground Elevation           | Center Ground Elevation          | Distal Ground Elevation         | Min, Max Difference              | Trench Bottom Elevation         |                                  |
|          | Feet/Inches                         | Feet/Inches                      | Feet/Inches                     | Feet/Inches                      | Feet/Inches                     | Feet/Inches                      |
| 1        |                                     |                                  |                                 |                                  |                                 | House Elevation:                 |
| 2        |                                     |                                  |                                 |                                  |                                 | Sewer Outlet:                    |
| 3        |                                     |                                  |                                 |                                  |                                 | Tank Inlet:                      |
| 4        |                                     |                                  |                                 |                                  |                                 | Tank Outlet:                     |
| 5        |                                     |                                  |                                 |                                  |                                 | Dosing Tank Inlet:               |
| 6        |                                     |                                  |                                 |                                  |                                 | Dosing Tank Outlet:              |
| 7        |                                     |                                  |                                 |                                  |                                 | D-Box Inlet:                     |
| 8        |                                     |                                  |                                 |                                  |                                 | D-Box Outlet:                    |
| 9        |                                     |                                  |                                 |                                  |                                 | Benchmark Elev:                  |
| 10       |                                     |                                  |                                 |                                  |                                 | Benchmark Location               |
| Drain    | Shallowest Point A<br>Ground/Invert | Second Corner B<br>Ground/Invert | Third Corner C<br>Ground/Invert | Fourth Corner D<br>Ground/Invert | Most Shallow depth<br>in Inches | Drain Outlet Elev: Ground/Invert |

|                |                |                |                |                |                 |                 |
|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| 3'0"=36"=3.00  | 4'0"=48"=4.00  | 5'0"=60"=5.00  | 6'0"=72"=6.00  | 7'0"=84"=7.00  | 8'0"=96"=8.00   | 9'0"=108"=9.00  |
| 3'1"=37"=3.08  | 4'1"=49"=4.08  | 5'1"=61"=5.08  | 6'1"=73"=6.08  | 7'1"=85"=7.08  | 8'1"=97"=8.08   | 9'1"=109"=9.08  |
| 3'2"=38"=3.17  | 4'2"=50"=4.7   | 5'2"=62"=5.17  | 6'2"=74"=6.17  | 7'2"=86"=7.17  | 8'2"=98"=8.17   | 9'2"=110"=9.17  |
| 3'3"=39"=3.25  | 4'3"=51"=4.25  | 5'3"=63"=5.25  | 6'3"=75"=6.25  | 7'3"=87"=7.25  | 8'3"=99"=8.25   | 9'3"=111"=9.25  |
| 3'4"=40"=3.33  | 4'4"=52"=4.33  | 5'4"=64"=5.33  | 6'4"=76"=6.33  | 7'4"=88"=6.33  | 8'4"=100"=8.33  | 9'4"=112"=9.33  |
| 3'5"=41"=3.42  | 4'5"=53"=4.42  | 5'5"=65"=5.42  | 6'5"=77"=6.42  | 7'5"=89"=7.42  | 8'5"=101"=8.42  | 9'5"=113"=9.42  |
| 3'6"=42"=3.50  | 4'6"=54"=4.50  | 5'6"=66"=5.50  | 6'6"=78"=6.50  | 7'6"=90"=7.50  | 8'6"=102"=8.50  | 9'6"=114"=9.50  |
| 3'7"=43"=3.58  | 4'7"=55"=4.58  | 5'7"=67"=5.58  | 6'7"=79"=6.58  | 7'7"=91"=7.58  | 8'7"=103"=8.58  | 9'7"=115"=9.58  |
| 3'8"=44"=3.67  | 4'8"=56"=4.67  | 5'8"=68"=5.67  | 6'8"=80"=6.67  | 7'8"=92"=7.67  | 8'8"=104"=8.67  | 9'8"=116"=9.67  |
| 3'9"=45"=3.75  | 4'9"=57"=4.75  | 5'9"=69"=5.75  | 6'9"=81"=6.75  | 7'9"=93"=7.75  | 8'9"=105"=8.75  | 9'9"=117"=9.75  |
| 3'10"=46"=3.83 | 4'10"=58"=4.83 | 5'10"=70"=5.83 | 6'10"=82"=6.83 | 7'10"=94"=7.83 | 8'10"=106"=8.83 | 9'10"=118"=9.83 |
| 3'11"=47"=3.92 | 4'11"=59"=4.92 | 5'11"=71"=5.92 | 6'11"=83"=6.92 | 7'11"=95"=7.92 | 8'11"=107"=8.92 | 9'11"=119"=9.92 |