

Drainfield System Installation Requirements

Dickinson-Iron District Health Department

***Follow system design as specified on the site evaluation and sewage construction permit.**

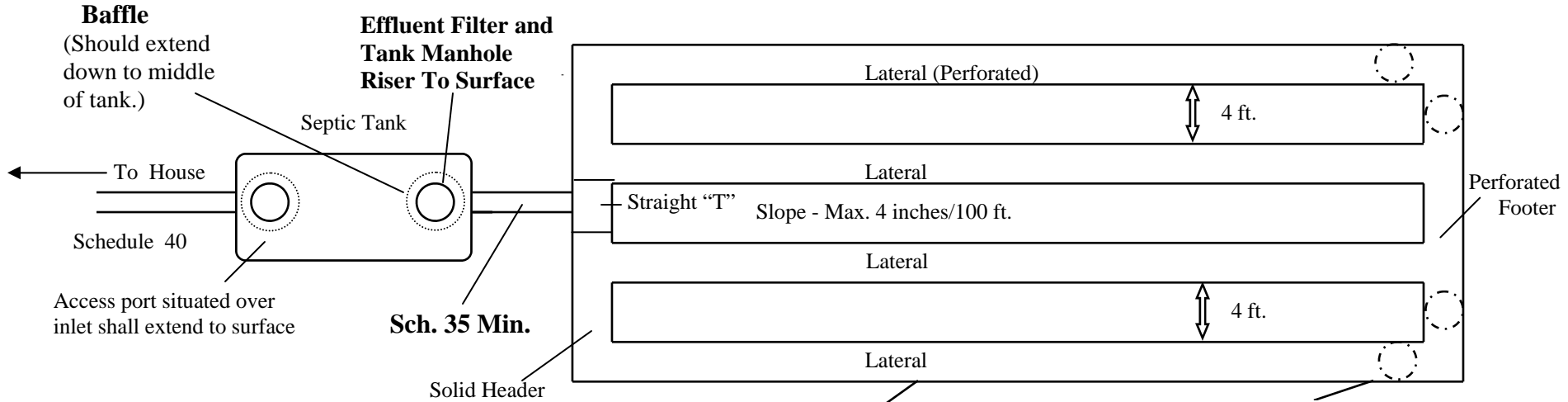
- Site conditions may dictate whether a trench or bed type absorption system is needed.
- The minimum width of a trench is thirty-six inches.
- The fill material provided in an undercut system must be free of any large stones, frozen material or other debris. A minimum of four (4) feet of approved fill (course/medium sand) must be in place, prior to installing the aggregate.
- When installing the absorption system, try to stay off of it with any heavy equipment as much as possible.
- The effluent line connected to the outlet side of the septic tank, shall connect to the header at a ninety (90°) degree angle between the centermost laterals.
- To allow for equal distribution into the laterals, the header shall be level throughout its length.
- The header and footer shall connect to the first and the last distribution pipes of all laterals respectively, within the absorption system.
- A double header shall be installed when the header is 20 feet or greater.
- If sanitary T's are installed in the branch lines of the header of a multi-lateral system (more than 2 laterals), they shall be installed in the reverse position. This will allow for a portion of the effluent to be entrapped and enter the first lateral it encounters as well as a portion to by-pass and be entrapped in the next lateral, etc.
- A minimum of two observation tubes must be installed in the absorption area. They shall be situated as close as possible to the elbows located at the end of the outermost laterals. This will not only allow the owner to monitor the system, but when necessary, simplify locating the system.
- When backfilling the absorption system and it requires driving over a portion of it, be sure to drive perpendicular to the direction of the piping system.

Home Sewage Disposal System Utilizing A Drainfield

Dickinson-Iron District Health Department

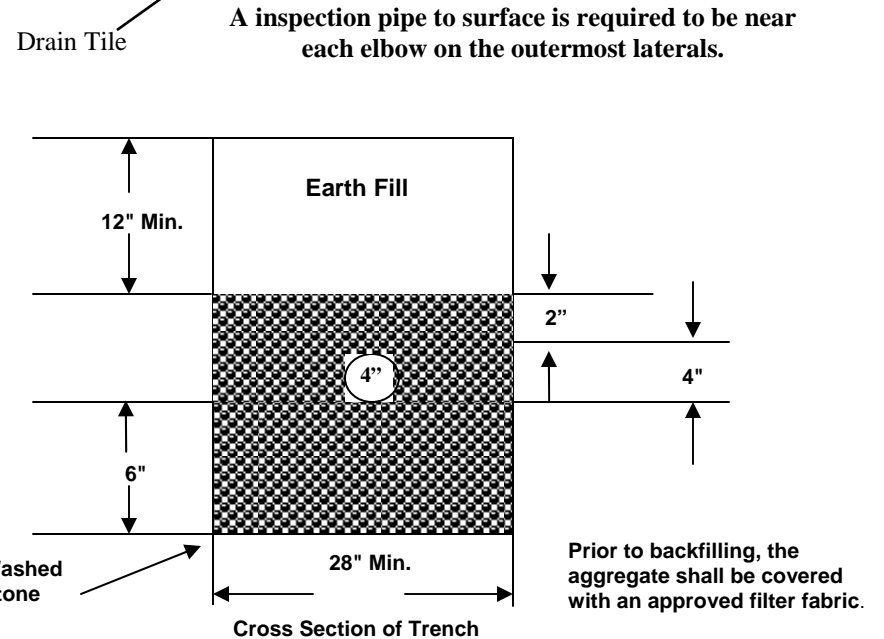
Kingsford Office (906) 779-7239

Iron River Office (906) 265-4172



No. of Bedrooms	Tank Capacity (gallons)
1-3	1000
4	1250

- Septic tank must be a minimum of 5 ft. from building foundation.
- Septic system must be a minimum of 10 ft. from property line.
- Septic system must be a minimum of 50 ft. from any well.
- Septic system must be a minimum of 75 ft. from any lake or stream.
- High ground water table shall be at least 4 ft. below the base of the absorption system.
- Additional 250 gallons with garbage disposal.
- All sewage, including human excreta, garbage disposal wastes, dish water, bath water, laundry waste, etc., must first enter a septic tank prior to entering the absorption system.
- Treated spa pools discharge, water softener discharge lines, footing drains, and eaves troughs shall not be plumbed to the septic system.



Note: Actual lineal feet of drain tile is based on soil type and number of bedrooms. Refer to sewage Construction Permit for required footage.

FOR A FINAL INSPECTION, CALL 24 HOURS PRIOR TO COMPLETION OF THE SYSTEM.