

## SELF INSTALLATION INSTRUCTIONS & SCHEMATICS FOR SEPTIC SYSTEMS

Standard setbacks (unless otherwise stated on permit) – see County LDR’s as setbacks may be more stringent.

Private Wells	≥75'	Public Wells	≥100 & 200'	Surface Water	≥75'
Property Lines	≥5'			Building Foundation	≥5'
Potable Water Line	≥10'			Normally Dry Ditches & Swales	≥15'

Installation criteria:

A licensed company must manufacture the septic tank, and registration numbers must be on the tank.

Existing tanks must be pumped and certified by a licensed company and documentation provided to DOH/EH on all repairs.

All new tanks must be multi-chambered and have an approved filter device.

Tanks must be fitted with an approved outlet device or “T”.

Distribution boxes, headers, and tanks must be level.

D-Box line outlets, D-Box tops, headers, joints, tank, lids, and tank access hatches must be sealed watertight with acceptable sealant. (DO NOT “MUD” HATCH ON DRAINFIELD END OF TANK UNTIL FINAL APPROVAL IS GIVEN).

Ends of all drain fields must be capped (underground installations), or looped together (mound systems).

Standard trench is 3’ wide.

Beds – length should be longer than width (rectangular). Drain lines must be at least 18” from the sidewalls. There must be at least one line for each 3’ of bed width to receive credit.

(Example: 10’ requires 4 lines, 9’ requires 3 lines)

Drain lines from tank must have no more than 1” of pitch for every 10’ of length.

There must be at least 6” of rock under the drain lines. Rock must be FDOT approved drain field rock. (Bill-of-Lading must be available upon request).

A total rock depth of 12” required. (When placing rock on the pipes, the pipes must be held in place, or they will shift).

Drainfield, header, or D-Box must begin ≥18” from tank.

Geotech paper must be placed on top of the rock prior to covering system. (It should be present when calling for final inspection).

Drainfield computations: (Various alternative drainfield products are assigned different square footage credit per unit)

Trench – standard rock system – linear ft. pipe x 3 = sq. ft.

Bed – standard rock system – length x width = sq. ft.

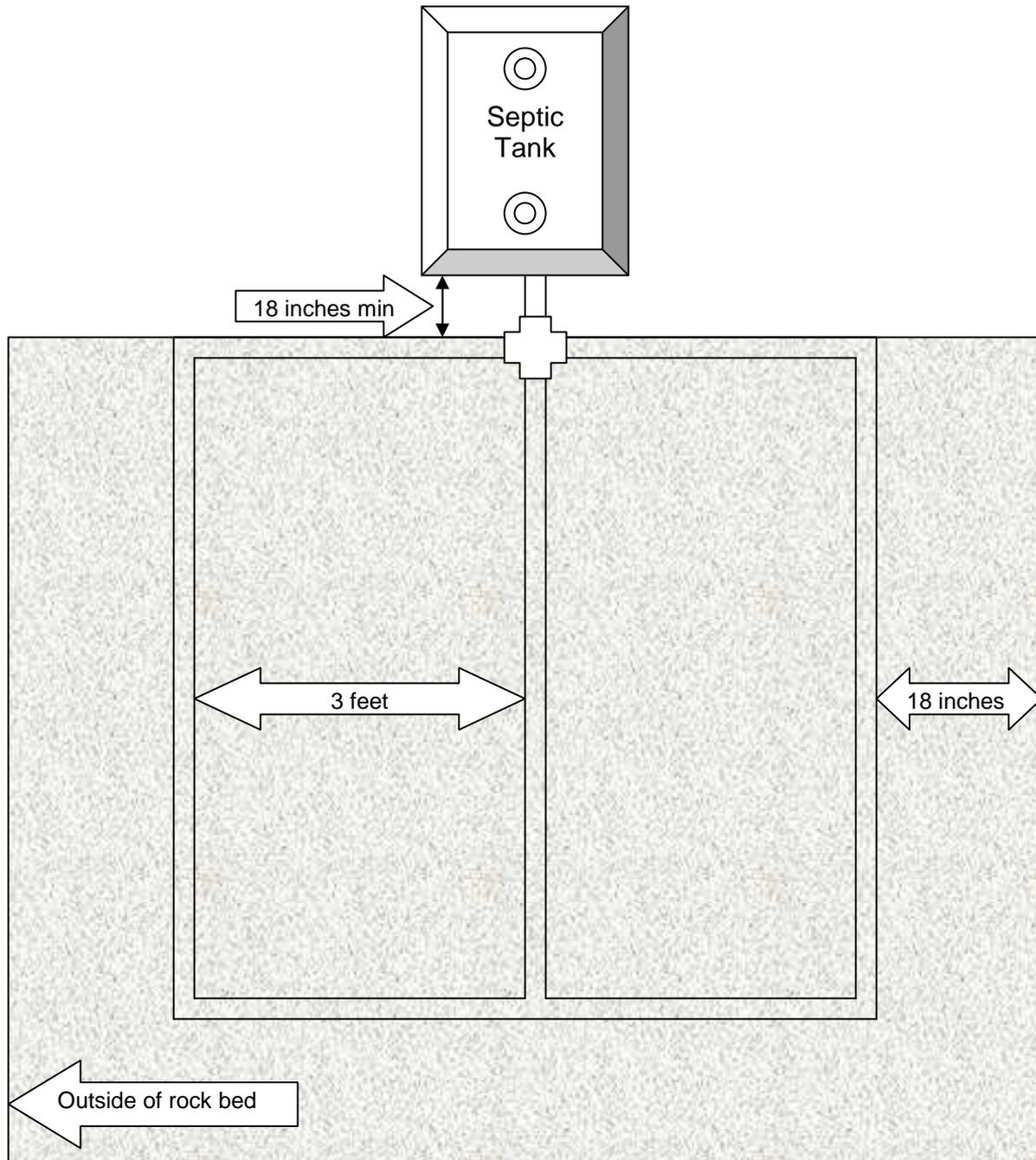
If you plan to use any alternative drainfield product, contact us to ensure it has DOH approval

If you have any questions, please contact the Tavares EH Office at 352-253-6130

# SCHEMATICS

## STANDARD BED SEPTIC SYSTEM

(Note – permit sizes are normally written for trench drainfield configurations – bed systems require more sq. ft. than trenches for the same size residence – contact LCHD Environmental Health for conversion.)



# SCHEMATIC

## STANDARD TRENCH SEPTIC SYSTEM

