

226 Route 6, Andover, CT

Septic Replacement Proposal

August 2023

-Propose new 6" schedule 40 Sewer Pipe to septic tank connecting to existing 4" pipe with eccentric fittings. Proposed pipe to have no less than 1/8 inch per foot pitch from connection to Tank inlet. Total length of house sewer 25'.

Connection @ House: 99.01'

-Propose new 1,000 gallon Infiltrator IM-1530, 2-chamber septic tank with plastic baffles and outlet filter. Septic tank to have no more than 12" of cover or a riser will be installed within 12" of grade with secondary safety lids installed. Proposed tank to be backfilled with select sand or equivalent approved material by tank manufacturer.

Invert Inlet: 98.75' Invert Outlet: 98.50'

-Propose new 4" sdr-35 effluent pipe from tank to Distribution Box. Proposed pipe to have pitch from septic tank to new Tufftite, 6-hole plastic Distribution Box.

-Propose new 45' trench of Eljen Mantis 536-8. Trench to be loaded by Tufftite distribution box, total trench length to be 45', to be 15'+ from swale 40' from drainage culvert, downgradient of wetlands. Installed in a select sand fill package to extend a minimum of 2' on all sides, and 5' on the down-gradient side per CT PHC Tech Stds 1/1/2023.

Eljen Mantis 536-8 installed per manufacturers' instructions.

Existing Grade: 96.74'

Bottom of Trench: 96.74' 0" into grade

Flowline 536-8: 97.74' Top of 536-8: 98.24'

Three Bedroom (Town has 2), No large bathtub, No Footing Drains, Well > 75'
Perc 1-10 min/in

MLSS =

Avg RS $(22+24+34+(22+18)40)/4 = 30$ 8.2% Slope = HF 26

FF (3br) = 1.5 PF (1-10 min/in) = 1.0

MLSS = 39' Req'd 45' Proposed

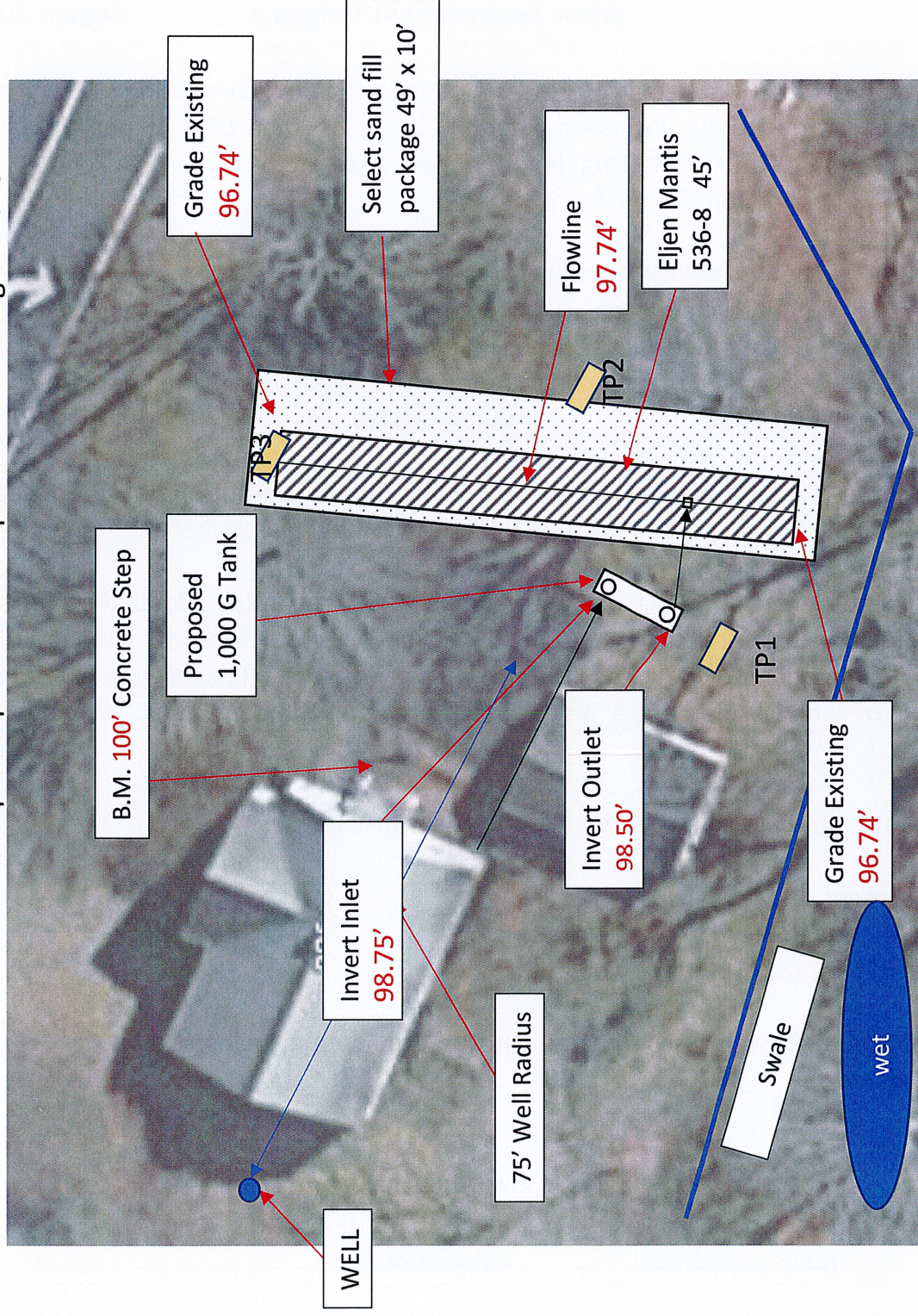
REQ: 495 (3br) Sq Ft

PROPOSED: 495 sq ft

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Proposed by: CT Septic & Inspection, LLC
Andrew Dayon, Dennis Brayman

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