



- ### Notes
1. This plan is to be used only for the approval and installation of a sewage disposal system and is not to be used for any other purpose.
 2. All construction and components shall conform to Massachusetts State Environmental Code TITLE V and Local Board of Health Requirements.
 3. This design does not warrant the location of underground pipes, wires, utilities or other underground structures. The installer shall be responsible for locating and relocating these objects as necessary.
 4. No garbage grinder is allowed with this system.
 5. Any portion of this system subject to vehicular traffic shall be capable of H-20 loading.
 6. An observation pipe shall be placed as shown and capped at grade so as to allow monitoring of liquid level in the leaching system. Place re-rod flush at each to aid in relocating with metal detector.
 7. All access covers are to weigh at least 150 lbs. or screwed down.
 8. Leaching Chambers shall consist of Infiltrator high capacity, ADS high capacity biodiffuser or an approved equivalent.
 9. Any clean sand fill required by this design is to have less than 4% passing the No. 100 sieve.
 10. No wells could be found within 150' of the proposed leaching facility unless otherwise shown.

Design Criteria

Design Hydraulic Loading:
5 Bedrooms x 110 GPD/Bedroom = 550 GPD

Septic tank capacity:
Required: 550 GPD x 200% = 1100 Gal. minimum
Septic tank provided = 1500 Gal.

Leaching Capacity Provided:
H-20 High Capacity Leaching Chamber Bed
28 Leaching Chamber Units
28 Units x 6.25 linear ft./unit x 4.72 sq.ft./linear ft. = 826 sq.ft.
826 sq.ft. x 0.74 GPD/sq.ft. = 611 GPD

* Per modified certification for general use High capacity leaching chamber units are allowed 4.7 sq.ft. leaching area per lineal ft. in bed configuration.

Proposed Septic System Upgrade on Land in West Tisbury, Mass.

Designed for: Keira Chassman

Street Address: #363 Lambert's Cove Road

Assessor No.: 7-12

Lot Area: ±31,464 S.F.

Designed By: Cody Coutinho

Checked By: RGS

Date: December 3, 2020

Revised:



Soil evaluator: Cody Coutinho, E.I.T. SOIL DATA
Witnessed By: Omar Johnson

Deep Observation Hole 1.
Date: November 20, 2020

Surface elevation = 40.0

Depth	Horizon	Texture
0"-24"	A	Sandy Loam
24"-54"	B	Loamy Sand
54"-120"	C	Medium Coarse Sand with Gravel

Perc. rate < 5 mpi. @ 54"
No groundwater found at 120" (Elev. = 30.0)

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