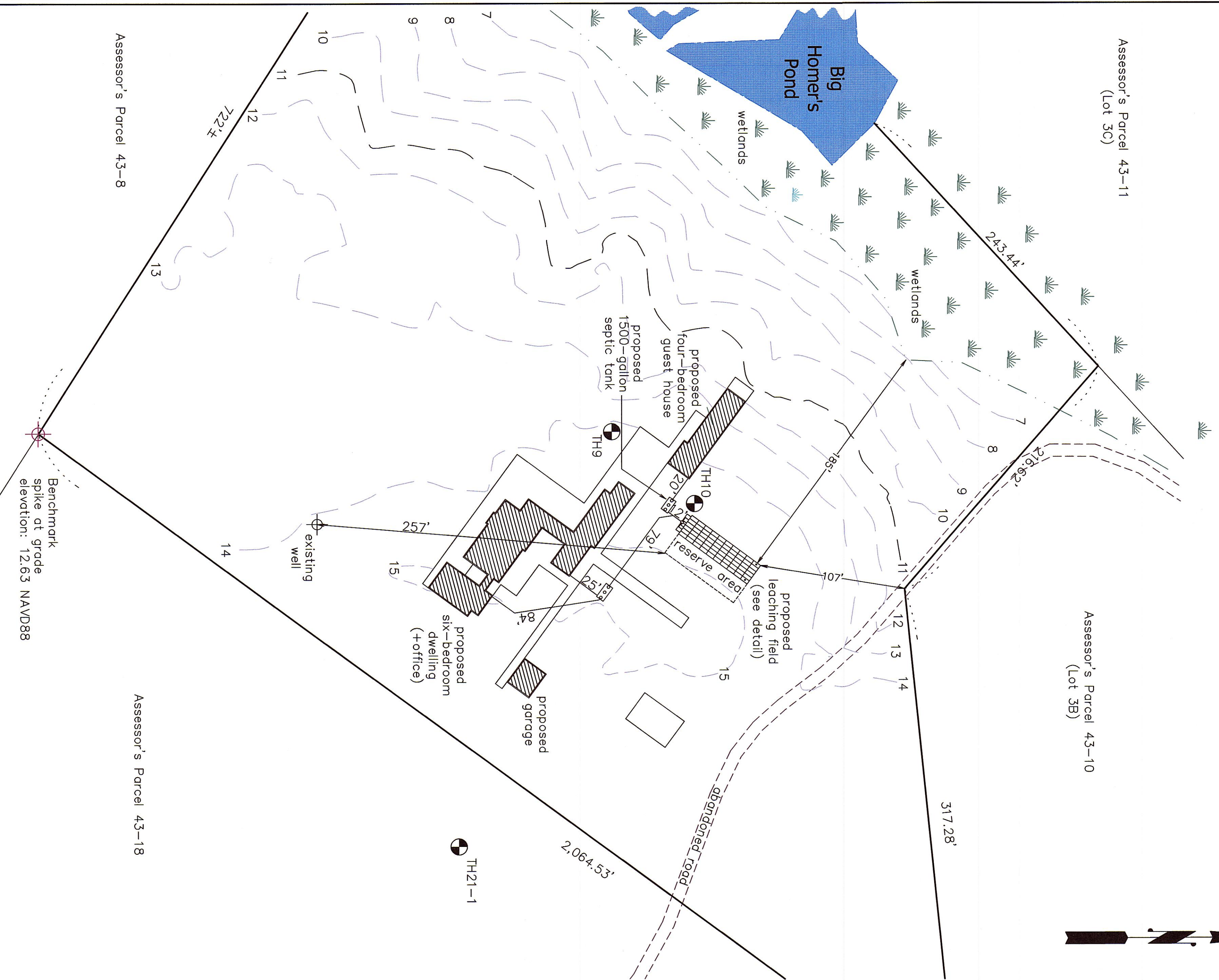


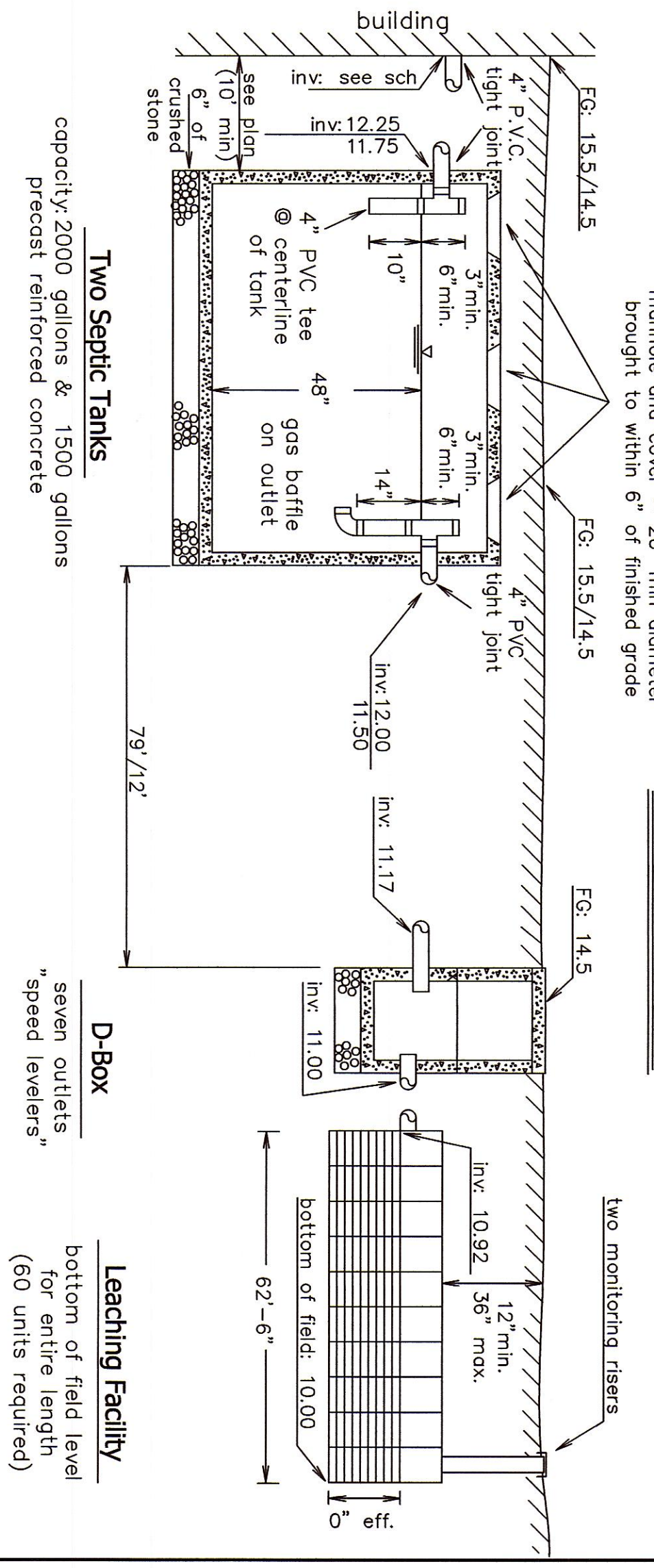
Plot Plan
 Scale: 1"=50'
 Lot Area: 12.3± acres



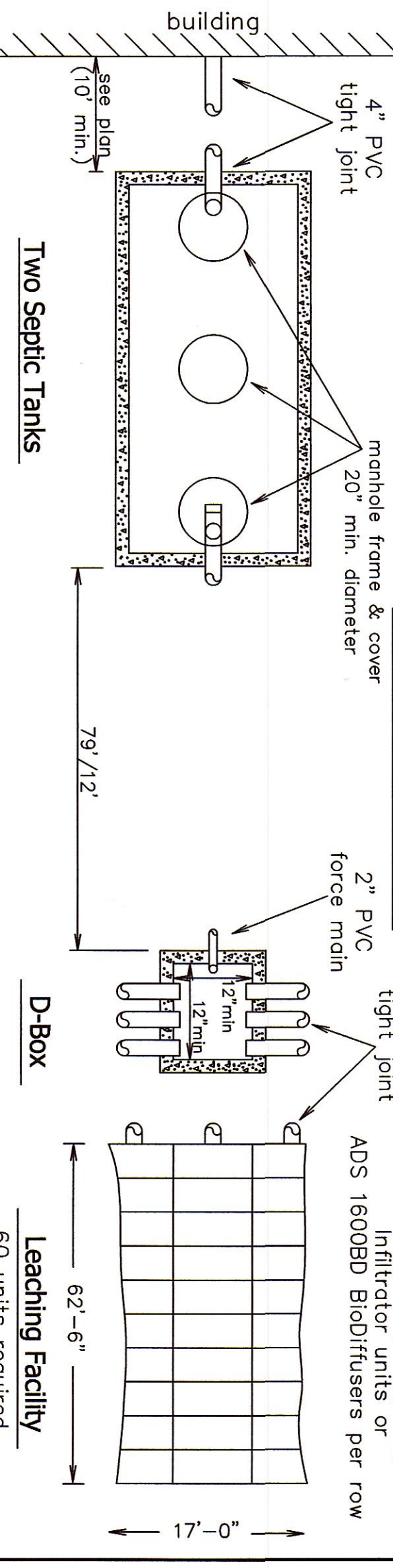
Assessor's Parcel 43-11 (Lot 3C)
 Assessor's Parcel 43-10 (Lot 3B)
 Assessor's Parcel 43-18
 Assessor's Parcel 43-8

Notes:
 A. Wetlands delineated by Cooper Environmental Services, Inc.
 B. Locust lies within the West Tisbury Coastal District
 C. No wells were found within 200' of the proposed leaching field
 D. The 100-year flood elevation at locus is 11 - NAVD88

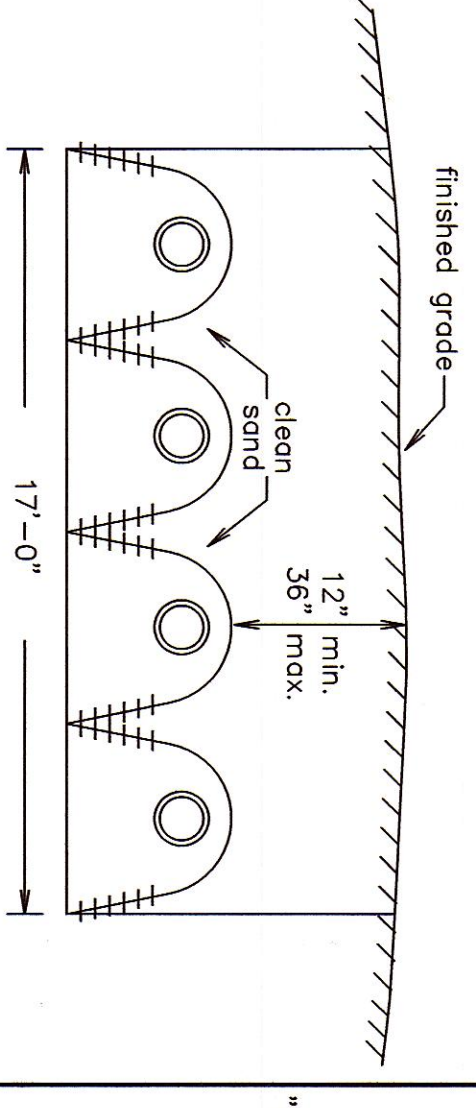
Profile of System



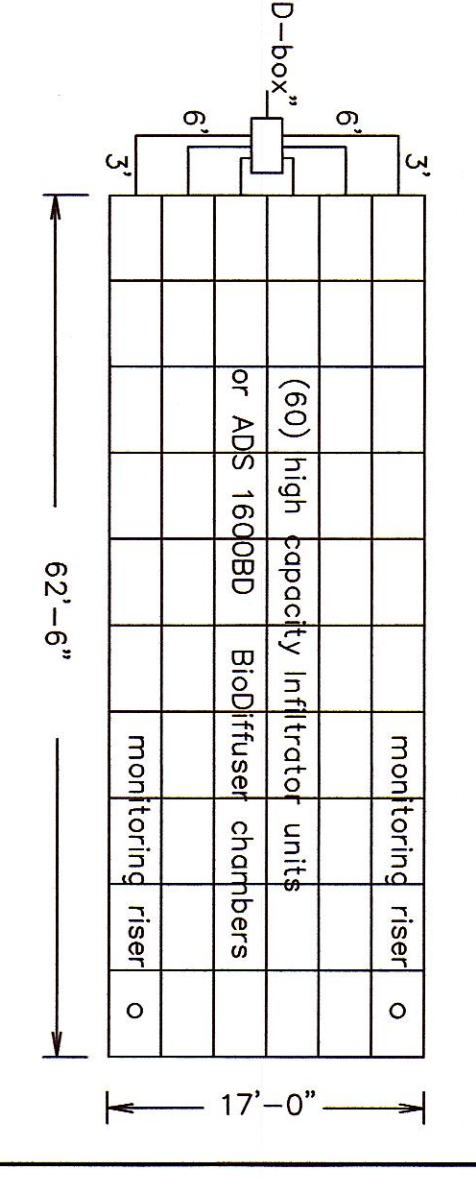
Plan View of System



Typical Leaching Field Section (no scale)



Leaching Facility Detail (no scale)



Schedule of Elevations

First floor elevation:	see architectural	finished grade	above structure
Basement floor:	see architectural	main pool	finished grade
Inverts at foundation:	12.75/14.00/12.50	15.5/14.5	14.5
Invert of septic tank inlet:	12.28/11.75	15.5/14.5	14.5
Invert of septic tank outlet:	12.00/11.50	15.5/14.5	14.5
Invert of distribution box inlet:	11.17	11.00	14.5
Invert of distribution box outlet:	11.00	11.00	14.5
Invert of infiltorator inlet:	10.92	10.00	14.5
Elevation of field bottom:	10.00	10.00	14.5

Deep Test Pit 9 (Surface Elevation: 14.6)

Date of Test:	January 31, 2018	
Depth	Horizon	Soil Description
0'-9"	A	1-m Sandy LOM
9'-28"	B	Loamy SAND
28'-138"	C	m-c SAND with gravel

Deep Test Pit 10 (Surface Elevation: 14.6)

Date of Test:	January 31, 2018	
Depth	Horizon	Soil Description
0'-8"	A	1-m Sandy LOM
8'-30"	B	Loamy SAND
30'-108"	C	m-c SAND with Gravel

Groundwater was encountered at a depth of 138" (elevation: 3.1)
 Groundwater was not encountered at a depth of 108" (elevation: 5.6)

General Notes

- Elevations refer to mean sea level datum (NAVD88). Section points on site plan located on spike. (elevation 12.63) Additional benchmarks to be set upon request.
- Finished grading to be done in accordance with plot plan.
- Percolation tests to be performed in accordance with the instructions of Title V of the Massachusetts State Environmental Code.
- All construction to conform to Title V and Board of Health requirements.
- Septic tank and distribution box shall be watertight after construction, including covers.
- No driveway, parking or turning area or other impervious areas shall be located above the soil absorption system.
- No permanent structure may be constructed over the 100% expansion area.
- Schofield, Borhini & Hoehn Inc. will not be responsible for the performance of the system unless constructed as shown. Any alterations must be approved in writing by Schofield, Borhini & Hoehn Inc.
- The Board of Health shall require inspection of all construction by the design engineer and by the agent of the Board of Health.
- The design engineer and the system installer shall certify in writing to the approving authority that the system has been constructed in compliance with the approved plans.
- For proper performance, the septic tank should be inspected at least once a year and when the total depth of scum and solids exceed 1/3 the liquid depth of the tank, the tank should be pumped.
- Distribution box cover to be brought to finish grade.
- Cushed stone to consist of 3/4" to 1-1/2" crushed stone free of organics and other deleterious material compacted to a level surface.

Design Data

- Estimated Hydraulic Loading: Seven and four bedrooms at 110 gallons per day per bedroom = 1210 GPD. Garbage disposal is not allowed with this design.
- Septic Tank Size: Required tank capacity: 770/440 x 200% = 1540/880 gallons (minimum). Septic tank provided: 2000 gallons and 1500 gallons.
- Design percolation rate: 2 MPD. Soil textural class: I. Loading rate: 0.74 GPD/SF.
- Leaching Area: Total leaching area provided: 1082 SF.
- Maximum Allowable Loading: 1082 SF x 1.67 (chamber general permits) x 0.74 GPD/SF = 1312 GPD. Actual hydraulic loading: 1210 GPD.

Legend

- X--- Denotes proposed contour
- F.G. = XXX Denotes proposed finished grade
- XX Denotes existing contour
- P.V.C. Denotes test hole location
- Denotes poly/ny chloride pipe, Sch. 40, unless noted
- Denotes catch basin
- Denotes extra heavy cast iron
- Denotes water service
- Denotes approximate property line
- Denotes overhead wires
- Denotes storm drain pipe

Proposed Sewage Disposal System

To Serve a Proposed Six-Bedroom Dwelling with Office And a Proposed Four-Bedroom Guest House
 111 Little Homers Pond Road - Assessor Parcel 43-9
 West Tisbury, Massachusetts

Applicant: Lot 3A West Tisbury Realty Trust
 c/o Schofield, Borhini, & Hoehn, Inc.
 PO Box 339
 Vineyard Haven, MA 02568
 Ph: 508-693-2781

date: January 17, 2022
 designed by: CPA
 drawn by: CPA
 checked by: CHD
 Schofield, Borhini & Hoehn, Inc.
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 Civil Engineering
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 Vineyard Haven, Mass. 02568
 508-693-2781
 www.sbhinc.net
 1.19.22
 MW 9735-3A