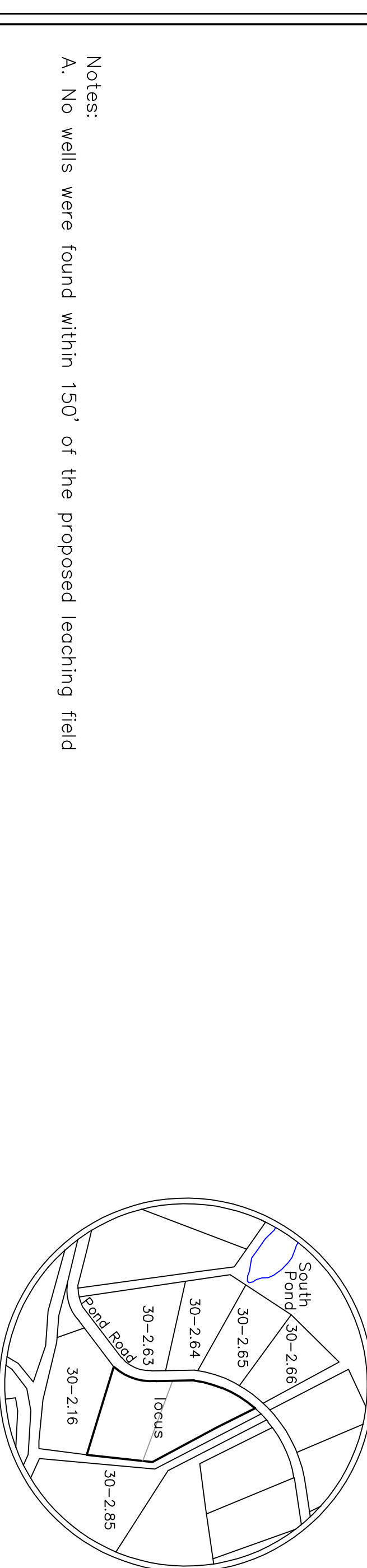
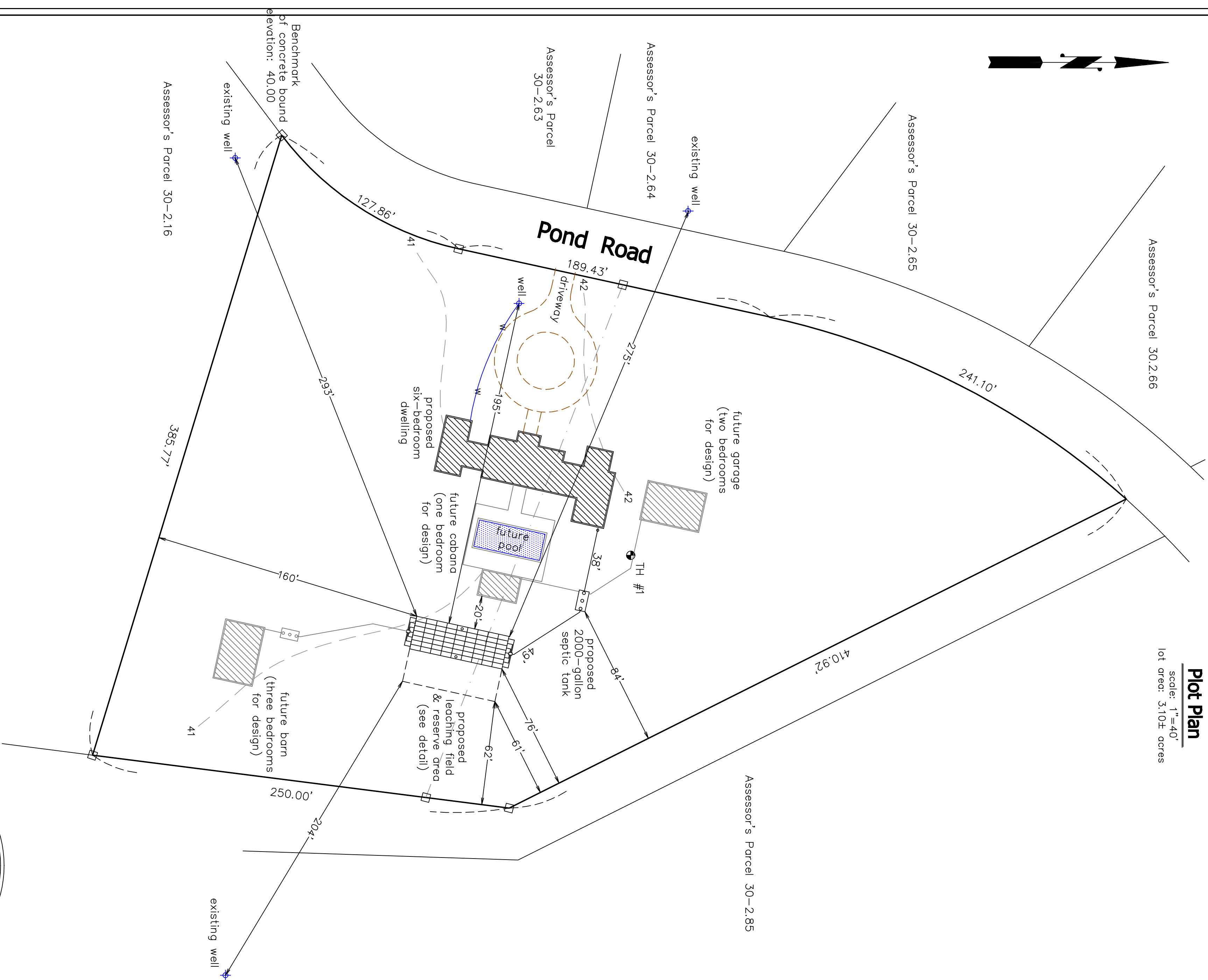
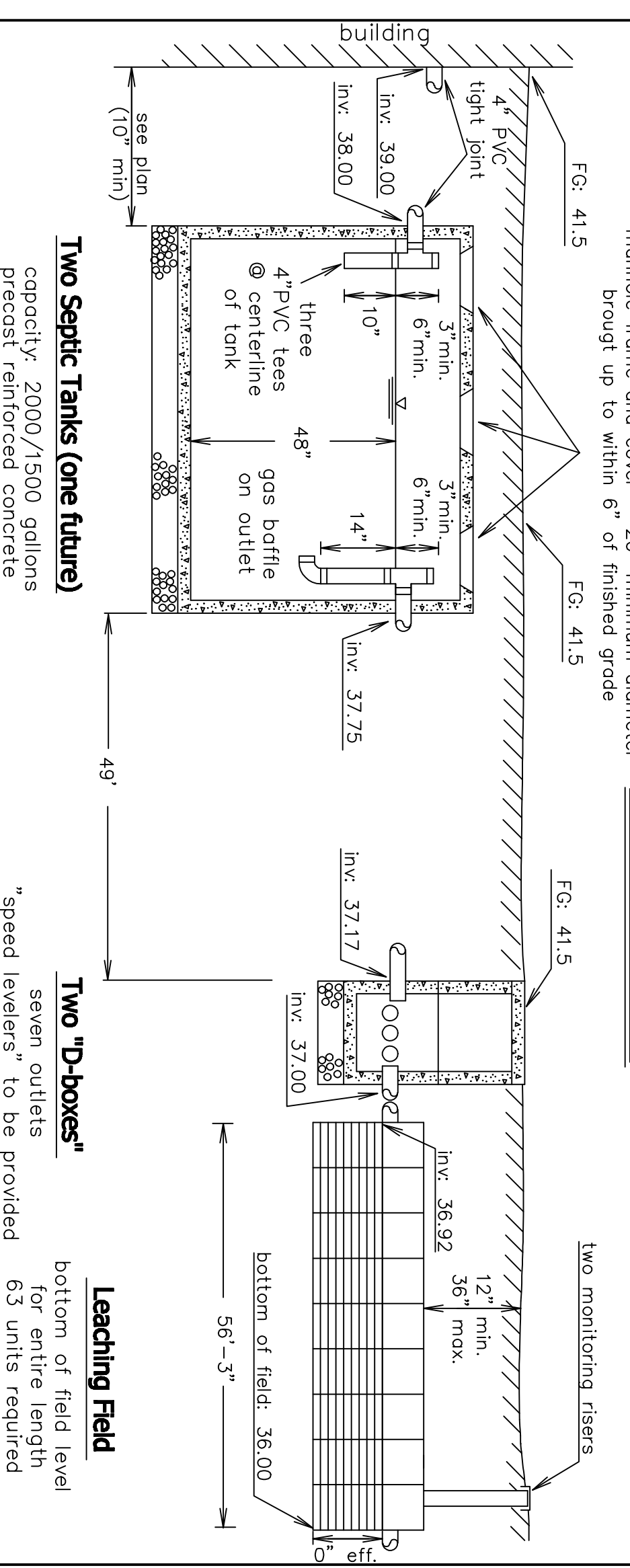


**Plot Plan**  
 scale: 1"=40'  
 lot area: 3.10± acres



Notes:  
 A. No wells were found within 150' of the proposed leaching field

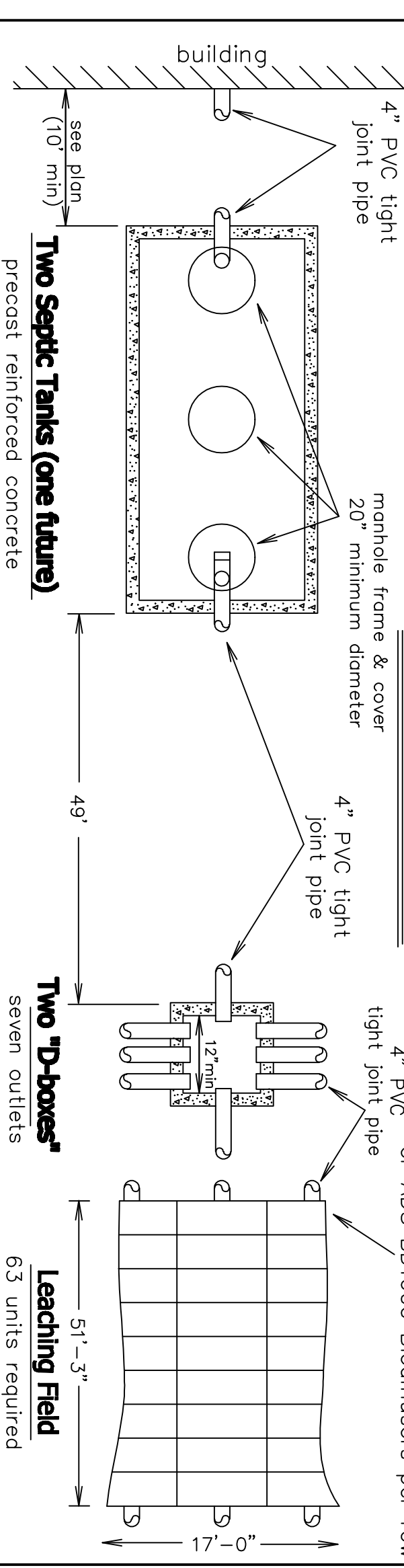
**Profile of System**



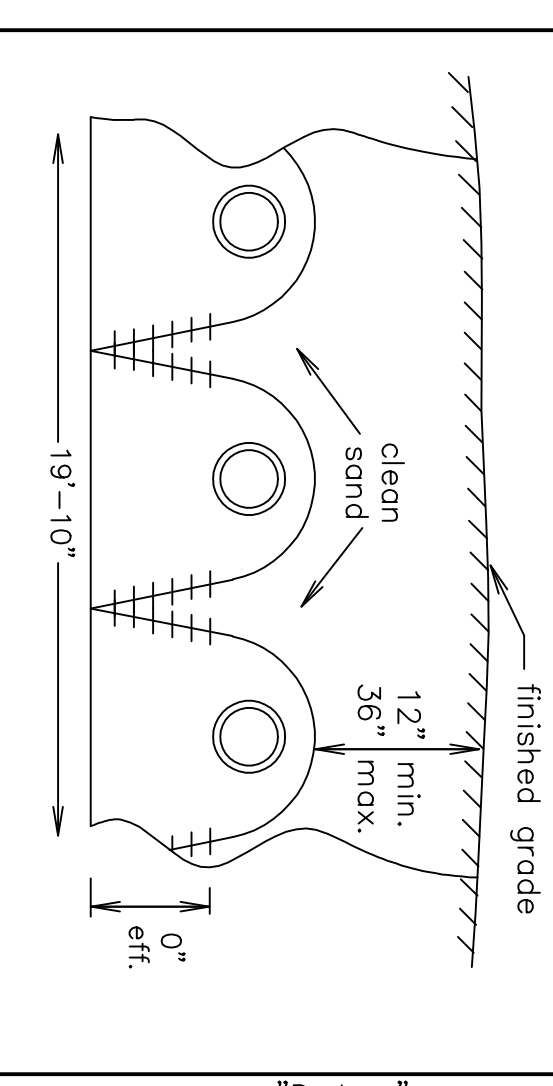
**General Notes**

- Elevations refer to approximate mean sea level datum. See bench mark on plot plan located on concrete Bound (elev. 40.00)
- 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 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.

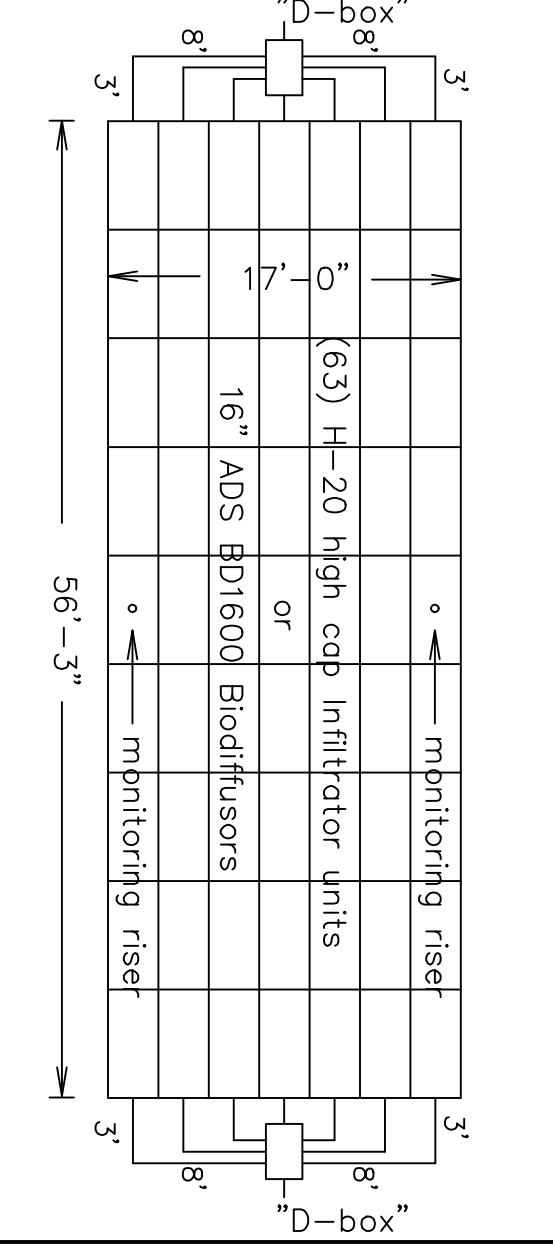
**Plan View of System**



**Partial Leaching Field Cross-Section (no scale)**



**Leaching Facility Detail (no scale)**



**Schedule of Elevations**

Location	Structure	Elevation
Top of foundation	see arch's	43.00 (Verify w/ arch's)
Basement floor	see arch's	39.00
Invert of pipe at foundation		41.5
Invert at septic tank inlet		38.00
Invert at septic tank outlet		37.75
Invert at distribution box inlet		37.17
Invert of distribution box outlet		36.00
Invert at infiltrator inlet		37.92
Elevation of field bottom		37.00

**Deep Test Pit 1 (Surface Elevation: 41.7)**

Depth	Horizon	Soil Description
0'-3"	A	Sandy LOAM
6"-28"	B	Silt LOAM
28"-96"	C	m-c SAND

**Percolation Test Data**

test pit #	date	depth from top of pit	top of 12" of water elevation	rate: minutes per inch
1	2/23/96	46"	37.9	<5

**Design Data**

- Estimated Hydraulic Loading: Six + two + three + one bedrooms of 110 GPD per bedroom = 1320 GPD Garbage disposal is not allowed with this design
- Septic Tank Size: Required capacity: 990/330 GPD x 200% = 1980/660 gallons (min.) Septic tank provided: 2000 gallons & 1500 gallons
- Design percolation rate: 5 MPI Soil textural class: I Loading rate: 0.74 GPD/SF
- Leaching Area: Total leaching area provided: 1115 SF
- Maximum Allowable Loading: 637 SF x 1.67 (chamber general permits) x 0.74 GPD/SF = 1377 GPD Actual hydraulic loading: 1320 GPD

**Legend**

- Denotes test hole location
- PVC Denotes polyvinyl chloride pipe, Sch. 40, unless noted
- EHOI Denotes catch basin
- Denotes extra heavy cast iron
- Denotes water service
- R Denotes approximate property line
- O.W. Denotes overhead wires
- D Denotes storm drain pipe

**Proposed Sewage Disposal System**

To Serve a Proposed Six-Bedroom Dwelling a Future Two-Bedroom Garage, a Future Three-Bedroom Barn, and a Future Pool Cabana (One Bedroom for Design) 108 & 120 Pond Road — Assessor's Parcels 30-2.14 & 2.15 West Tisbury, Massachusetts

Applicant: Pond Road Nominee Trust Phone: 508-483-9368  
 153 Union Street  
 Montclair, NJ 07042

Date: August 20, 2021  
 designed by: CPA | drawn by: CPA | checked by: CHD  
 Schofield, Borhini & Hoehn, Inc.  
 12 Surveyor's Lane, Box 339  
 Vineyard Haven, Mass. 02568  
 508-693-2781  
 www.sbhinc.net

Locus Map (no scale)