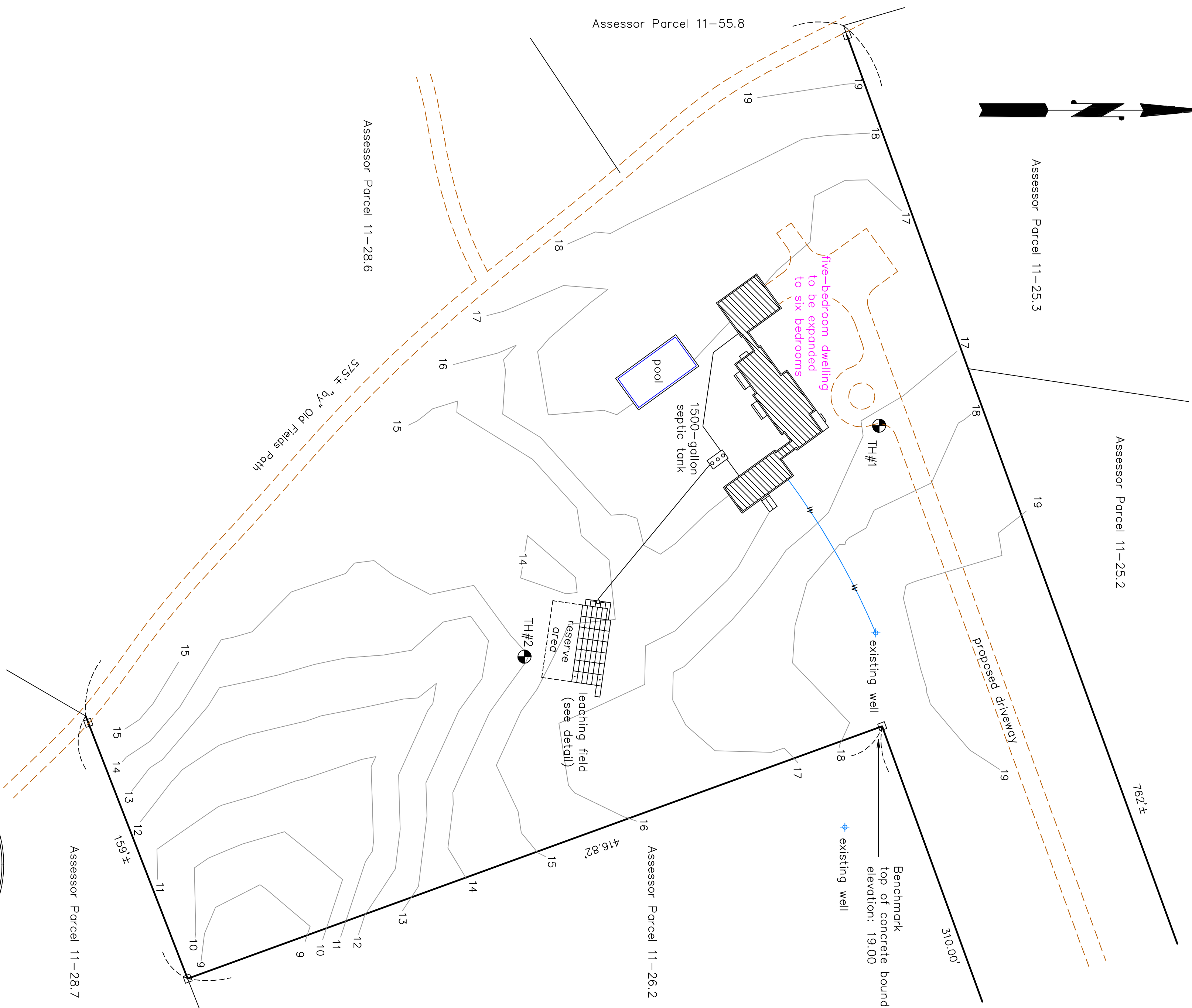
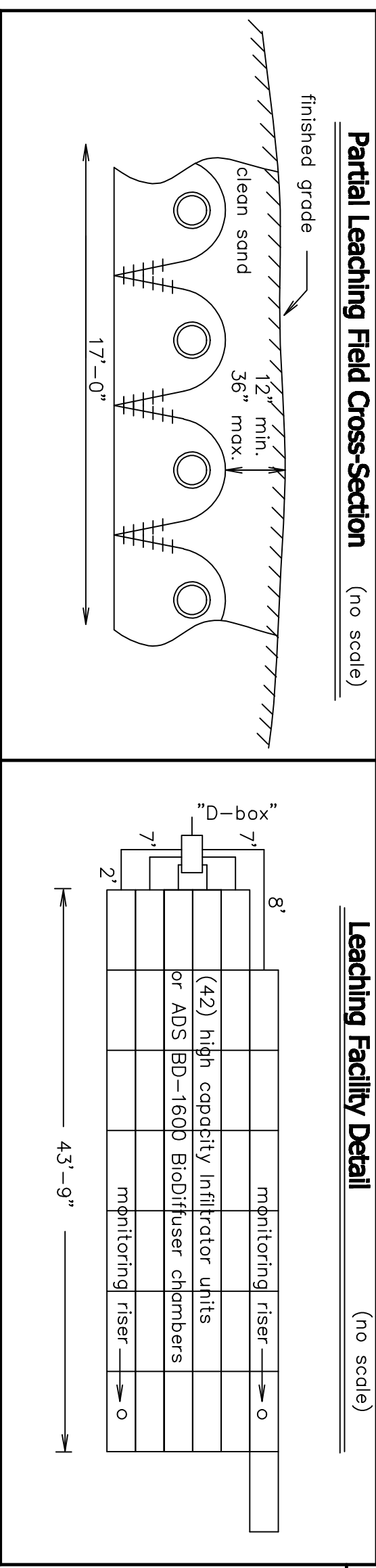
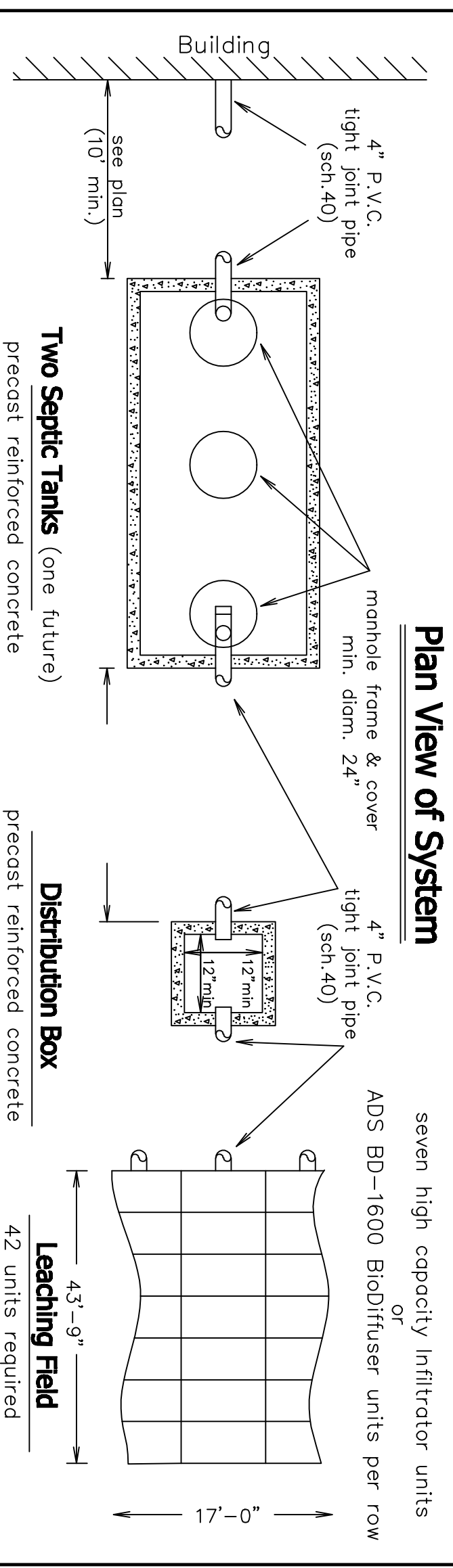
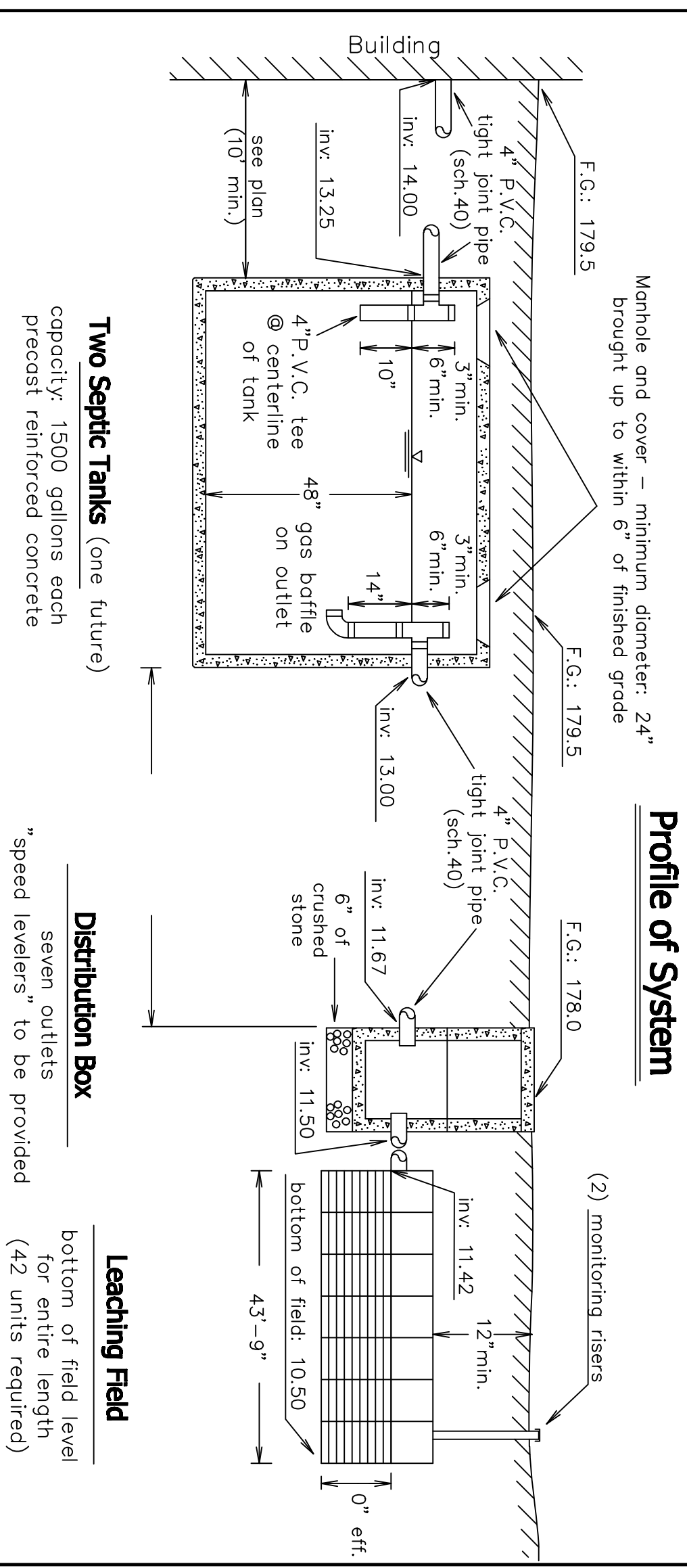
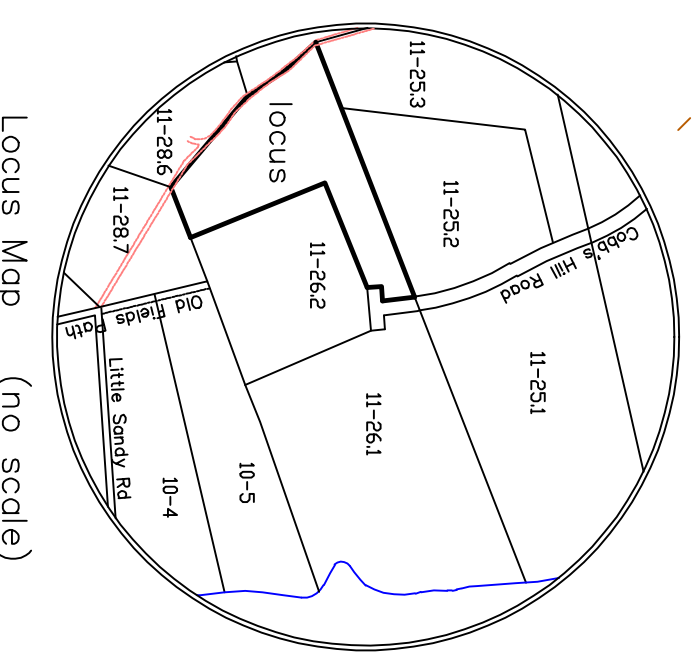


Plot Plan
 Scale: 1"=40'
 Lot area: 4.04± acres



- Notes:**
- A. No walls were found within 150' of the proposed leaching field
 - B. Basement plumbing to be served by an ejector pump (<25% of total system flow)
 - C. Pump to be located in basement of existing building and connection to be made within basement to existing plumbing



Deep Test Pit 1 (Surface Elevation: 17.3)		Deep Test Pit 2 (Surface Elevation: 13.9)	
Depth	Soil Description	Depth	Soil Description
0'-5"	A f-m Sandy LOAM	0'-5"	A f-m Sandy LOAM
5'-32"	B Sandy LOAM to Silt LOAM	5'-34"	B Silt LOAM with Clay
32'-48"	C1 Loamy SAND	34'-120"	C m-c SAND
48'-120"	C2 m-c SAND with Gravel		

test pit #	date	top of 12\"/>	
1	12/4/15	48"	14.3
2	12/4/15	36"	10.9

General Notes

- Elevations refer to mean sea level datum. See bench mark on plot plan located on concrete bound (Elevation: 19.00)
- 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.
- All topsoil, subsoil and deleterious material, if any, must be excavated and removed below the leaching field and to a distance of 6/8 feet from all sides of the leaching field. Excavate down to 6/8 inches below the surface of the natural permeable soil. Backfill as required with materials meeting the requirements of section 15.255(3) of Title V. Construct trenches in this material. (see plan)
- 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, Borbini & 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, Borbini & 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.

Design Data

- Estimated Hydraulic Loading: **Five + one + two bedrooms at 110 gallons per day per bedroom = 880 GPD**
Garbage disposal is not allowed with this design.
- Septic Tank Size: **Required tank capacity: 660/220 x 200% = 1320/440 gallons (minimum)**
Septic tank provided: two @ 1500 gallons (one future)
- Design percolation rate: 2 MFL
Soil textural class: I
Loading rate: 0.74 GPD/SF
- Leaching Area:
Total leaching area provided: 743 SF
- Maximum Allowable Loading:
743 SF x 1.67 (Chamber general permits) x 0.74 GPD/SF = 919 GPD
Actual hydraulic loading: 880 GPD

Legend

- XX---
- FG. = XXX
- XX
- P.V.C.
- E.H.C.I.
- W
- R

Proposed Sewage Disposal System

To Serve an Existing Five-Bedroom Dwelling and a Proposed Basement Bedroom (and Future Two-Bedroom Expansion)
 81 Cobb's Hill Road – Assessor Parcel 11-26.3
 Chilmark, Massachusetts

Applicant: Adam D. & Carrie R. Marcus Phone: (508) 693-2781
 104 Westcliff Road
 Weston, MA 02493

Date: June 8, 2016
 Rev: 8/5/16, 8/19/16, 5/8/17, 10/19/23 (Basement Bedroom)
 designed by: GPA drawn by: GPA checked by: CHD

Schofield, Borbini & Hoehn, Inc.
 12 Surveyor's Lane, Box 339
 Vineyard Haven, Mass. 02568
 508-693-2781
 www.sbhinc.net

MV 11532