

Schedule of Elevations

	finished grade above structure	finished grade above structure
Top of foundation =	ex'ing/40.50	
Basement floor =	ex'ing/32.00	
Inverts at foundation =	ex'ing/36.00	36.3/38.0
Invert at septic tank inlet =	ex'ing/34.75	
Invert at septic tank outlet =	ex'ing/34.50 (see Note A)	36.3/38.0
Invert at distribution box inlet =		33.17
Invert at distribution box outlet =		33.00
		36.50
Invert at infiltrator inlet =		32.92
Elevation of field bottom =		32.00

Deep Test Pit 94-1 (Surface Elevation: 37.2)			Deep Test Pit 18-1 (Surface Elevation: 37.1)			Percolation Test Data				
Date of Test:	Horizon	Soil Description	Date of Test:	Horizon	Soil Description	test pit #	date	top of 12" of water depth from top of pit	elevation	rate: (mpi)
February 16, 1994	A	Topsoil	November 8, 2018	A	Loamy f-m SAND	94-1	2/16/94	48"	33.2	2
	B	Silty Sand Subsoil		B	Loamy SAND	18-1	11/8/18	36"	34.1	<2
	C	m-c SAND with Gravel		C	m-c SAND with Gravel					
Groundwater was not encountered at a depth of 144" (elevation: 25.2)			Groundwater was not encountered at a depth of 120" (elevation: 27.1)							

- ### General Notes
- Elevations refer to approximate mean sea level datum. See bench mark on plot plan located on concrete bound (elevation: 35.00)
 - 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, Barbini & 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, Barbini & 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:
Four and one bedrooms at 110 gallons per day per bedroom = 550 GPD
Garbage disposal is not allowed with this design.
 - Septic Tank Size:
Required tank capacity: 440/110 x 200% = 880/220 gallons (minimum)
Septic tanks provided: 1000-gallon (existing) and 1500-gallon (proposed)
 - Design percolation rate: 5 MPI
Soil textural class: 1
Loading rate: 0.74 GPD/SF
 - Leaching Area:
Total leaching area provided: 478 SF
 - Maximum Allowable Loading:
478 SF x 1.67 (chamber general permits) x 0.74 GPD/SF = 590 GPD
Actual hydraulic loading: 550 GPD

- ### Legend
- XX---
 - F.G. = XX.X
 - XX
 - ⊙
 - P.V.C.
 - ⊞
 - E.H.C.I.
 - W —
 - R —
 - O.W. —
 - D —
- Denotes proposed contour
 - Denotes proposed finished grade
 - Denotes existing contour
 - Denotes test hole location
 - Denotes polyvinyl 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 an Existing Four-Bedroom Dwelling and a Proposed Art Studio (One Bedroom for Design)
231 Vineyard Meadow Farms Rd - Assr Pcl 37-13
West Tisbury, Massachusetts

Applicant: Micheal Daniels
62 Park Terrace West, Apt A86
New York, NY 10034

Ph: 917 817 5128

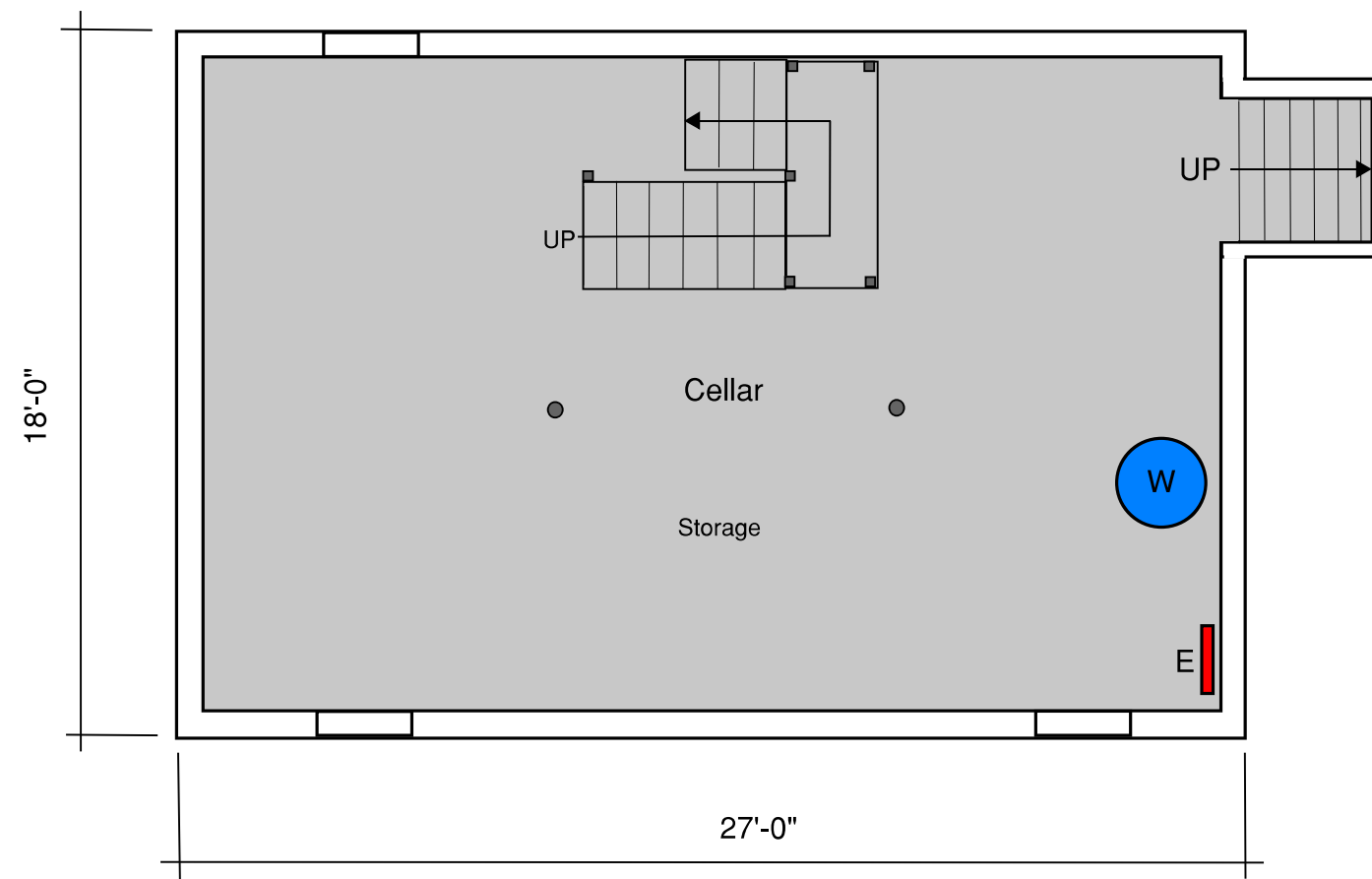
date: November 26, 2018
designed by: CPA
drawn by: CPA
checked by: JAL

Schofield, Barbini & Hoehn, Inc.
Land Surveying
Civil Engineering

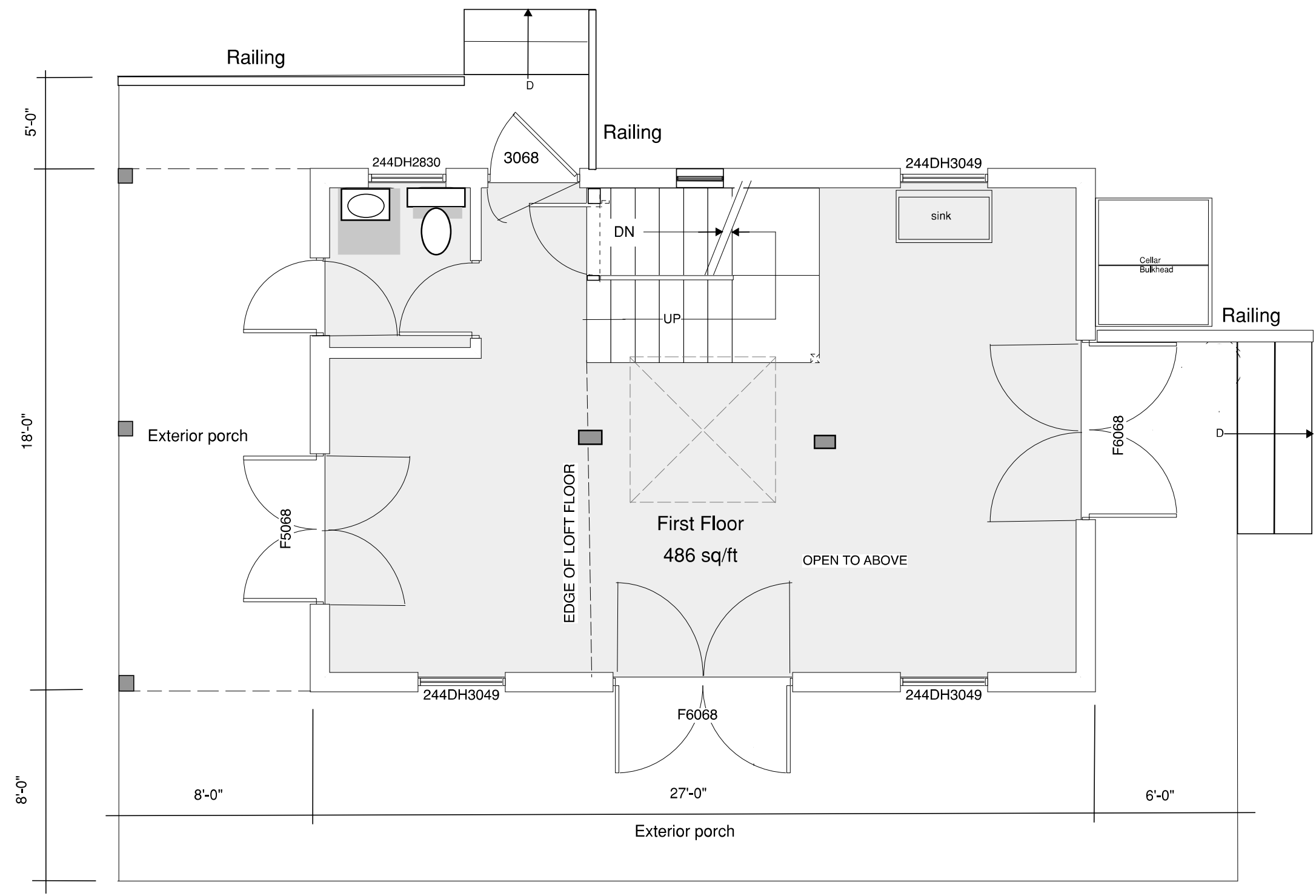
12 Surveyor's Lane, Box 339
Vineyard Haven, Mass. 02568
508-693-2781
www.sbhinc.net

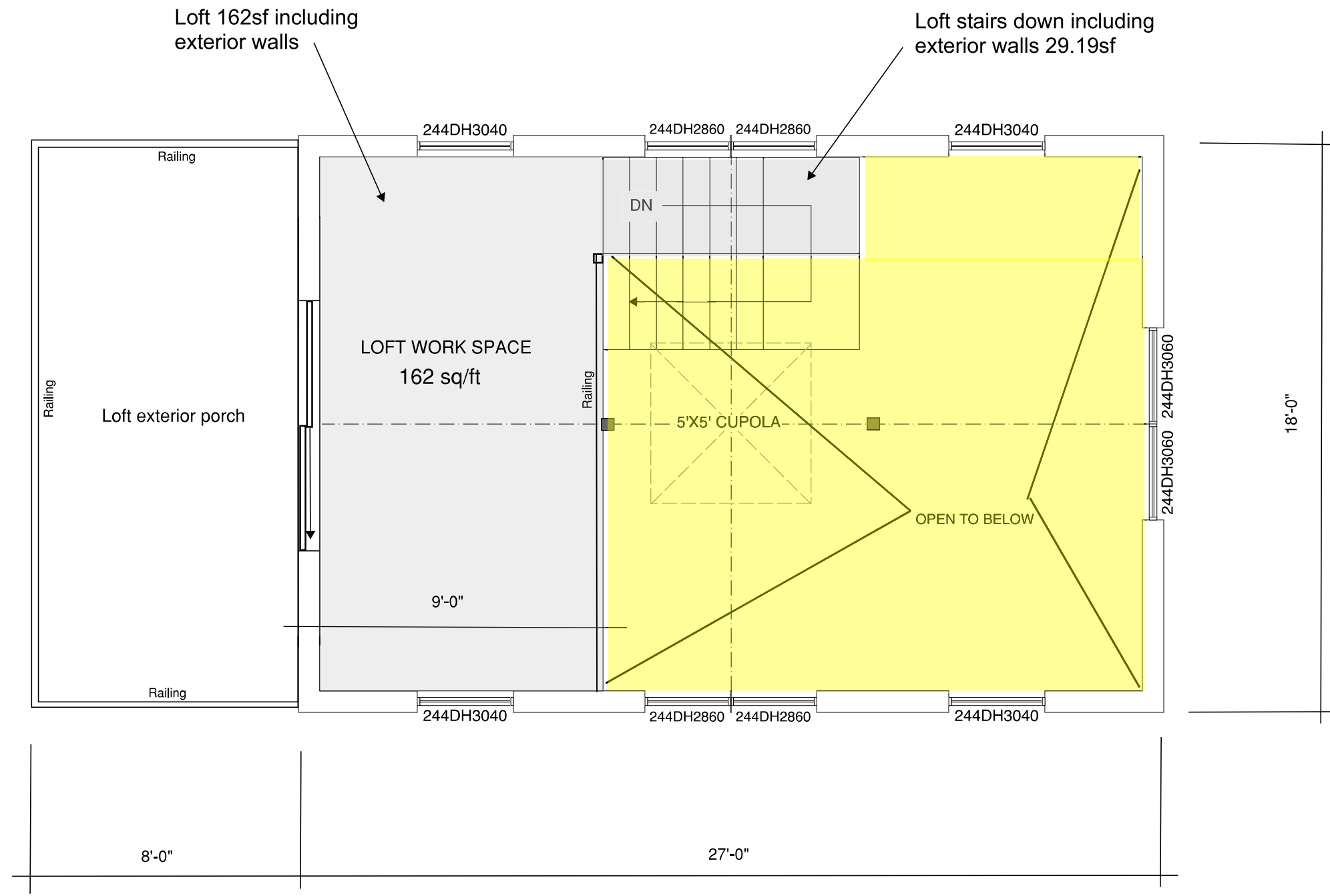
MV 6735

Notes:
A. Invert at existing septic tank outlet to be verified at start of construction and reviewed with design engineer
B. Underground utilities to be located at start of construction and relocated as required
C. Existing leaching pit to be abandoned, pumped, crushed, and backfilled with clean sand
D. No wells were found within 150' of the proposed leaching facility



<p>Cellar Floor Plan</p> <p>1/4" = 1'-0"</p>	<p>Daniels 231 Vineyard Meadow Farms Road, West Tisbury, MA. January 30, 2022</p>	<p>2</p>
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Loft Floor Plan

Daniels
 231 Vineyard Meadow Farms Road,
 West Tisbury, MA.
 January 30, 2022



5'

Cupola

26'

244DH3060

244DH3060

<p>East Elevation</p>	<p>Daniels 231 Vineyard Meadow Farms Road, West Tisbury, MA. January 30, 2022</p>
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5'

Cupola

26'

244DH3040

244DH2860 244DH2860

244DH3040

244DH3049

244DH2830

North Elevation

Daniels
231 Vineyard Meadow Farms Road,
West Tisbury, MA.
January 30, 2022



5'
Cupola

26'

244DH3040

244DH2860 244DH2860

244DH3040

244DH3049

244DH3049

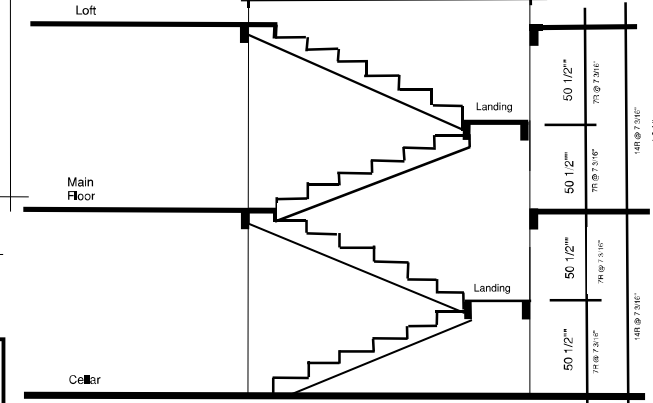
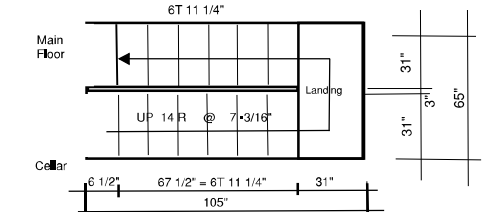
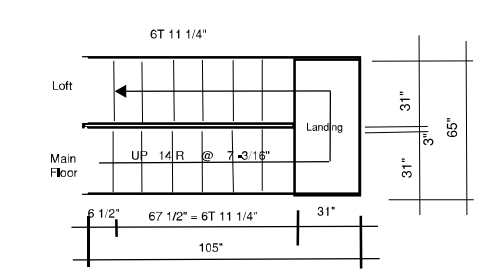
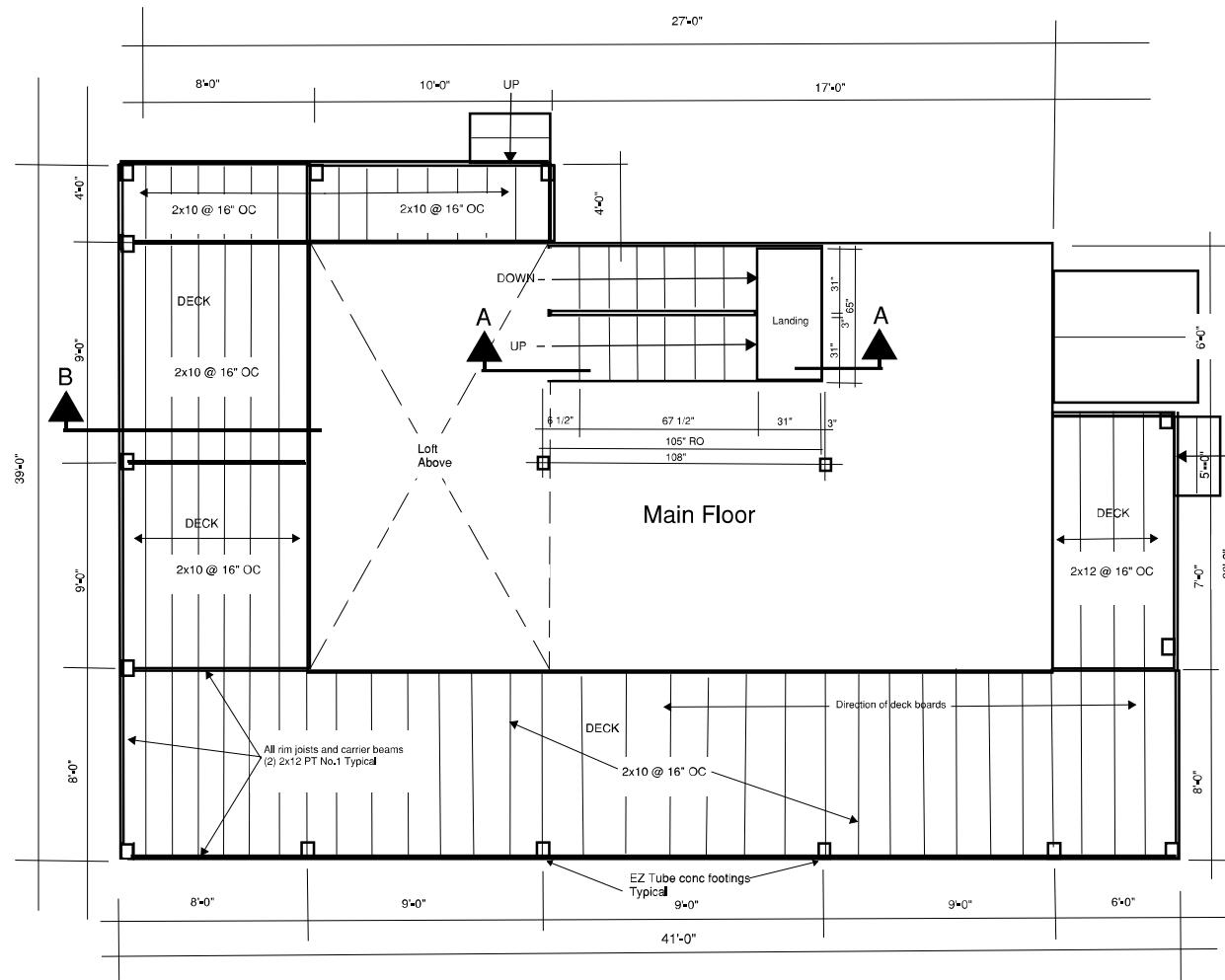
South Elevation

Daniels
231 Vineyard Meadow Farms Road,
West Tisbury, MA.

January 30, 2022

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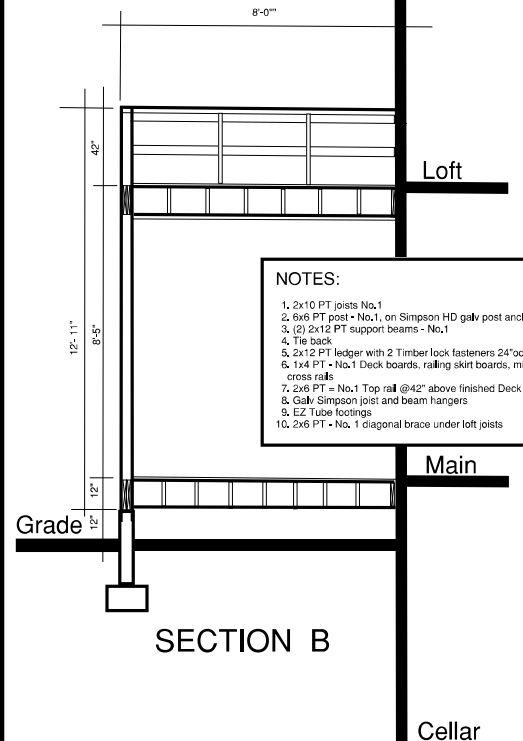


SECTION AA

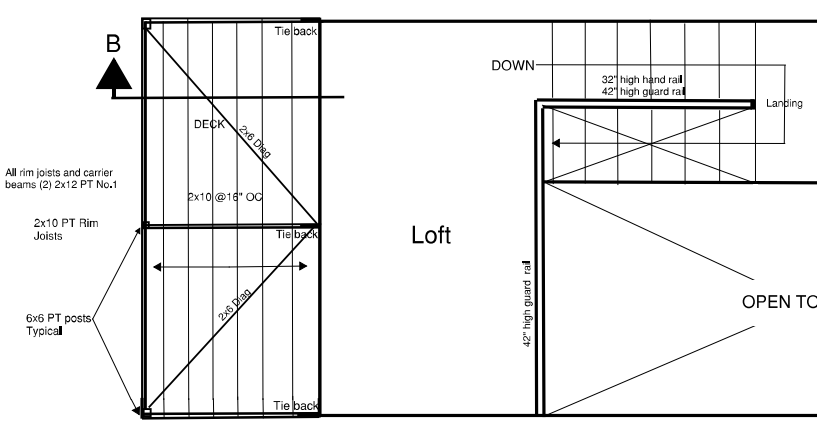
Deck and Stairs

- NOTES:**
1. 2x10 PT joists No.1
 2. 6x6 PT post - No.1, on Simpson HD galv post anchor
 3. (2) 2x12 PT support beams - No.1
 4. Tie back
 5. 2x12 PT ledger with 2 Timber lock fasteners 24"oc
 6. 1x4 PT - No.1 Deck boards, railing skirt boards, mid cross rails
 7. 2x6 PT - No.1 Top rail @42" above finished Deck
 8. Galv Simpson joist and beam hangers
 9. EZ Tube footings
 10. 2x6 PT - No. 1 diagonal brace under loft joists

- NOTES:**
1. All interior Cut Stair Stringers and Treads to be DF No.1, fastened w/ No.14 x 4" screws
 2. All exterior Deck and stair framing to be 2x10 or 2x12 PT as noted, HD galv Simpson joist hangers nailed w/16P
 3. All exterior Deck framing fasteners to be 16P HD galv nails UON
 4. All exterior Deck and Tread boards to be 1x4 PT No.1, fastened w/SS No.6 x 3"
 5. All Deck support footings to be EZ tube precast conc.



SECTION B



Loft Deck

Daniels
231 Vineyard Meadow Farms Road,
West Tisbury, MA.

January 30, 2022