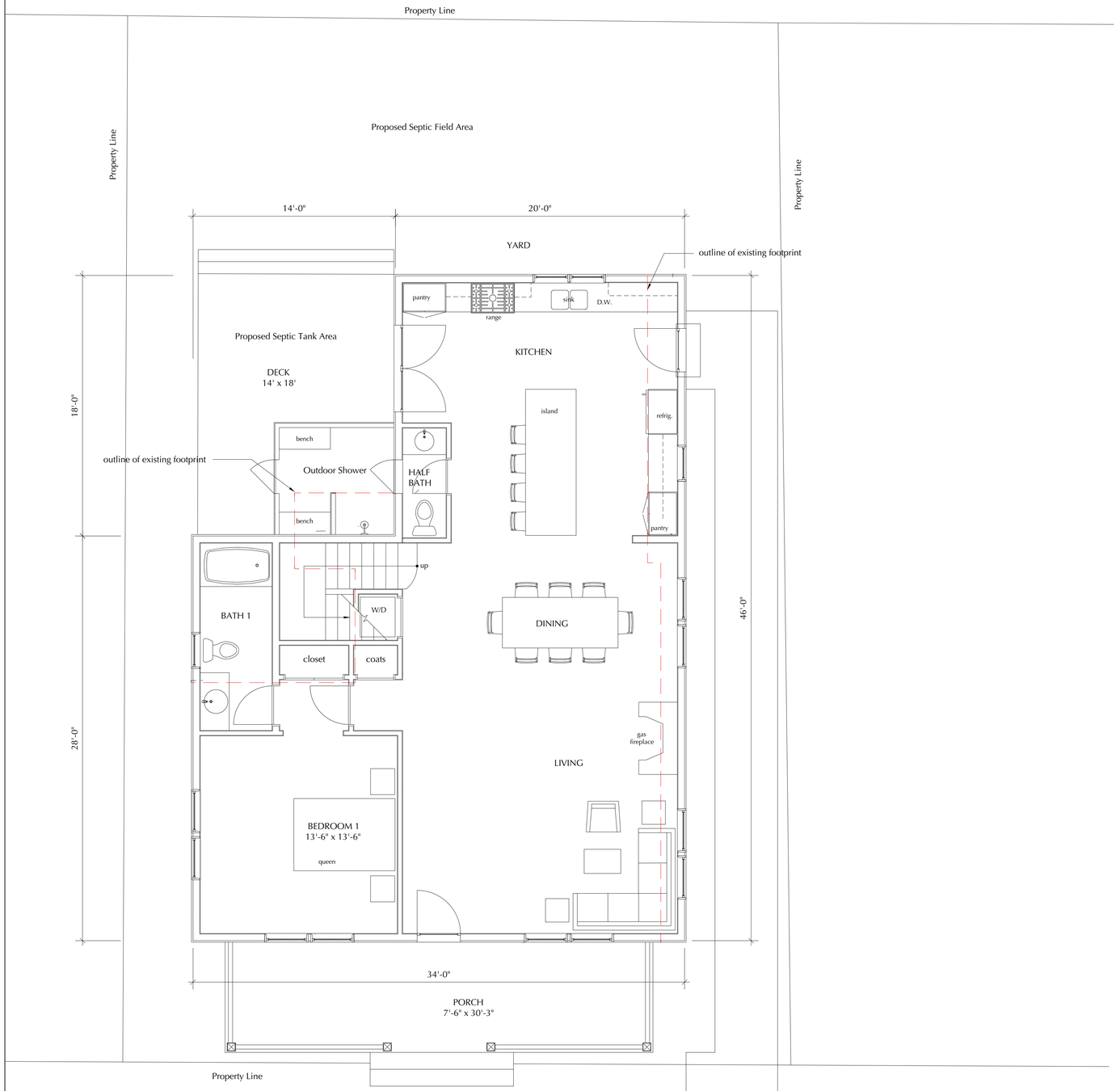
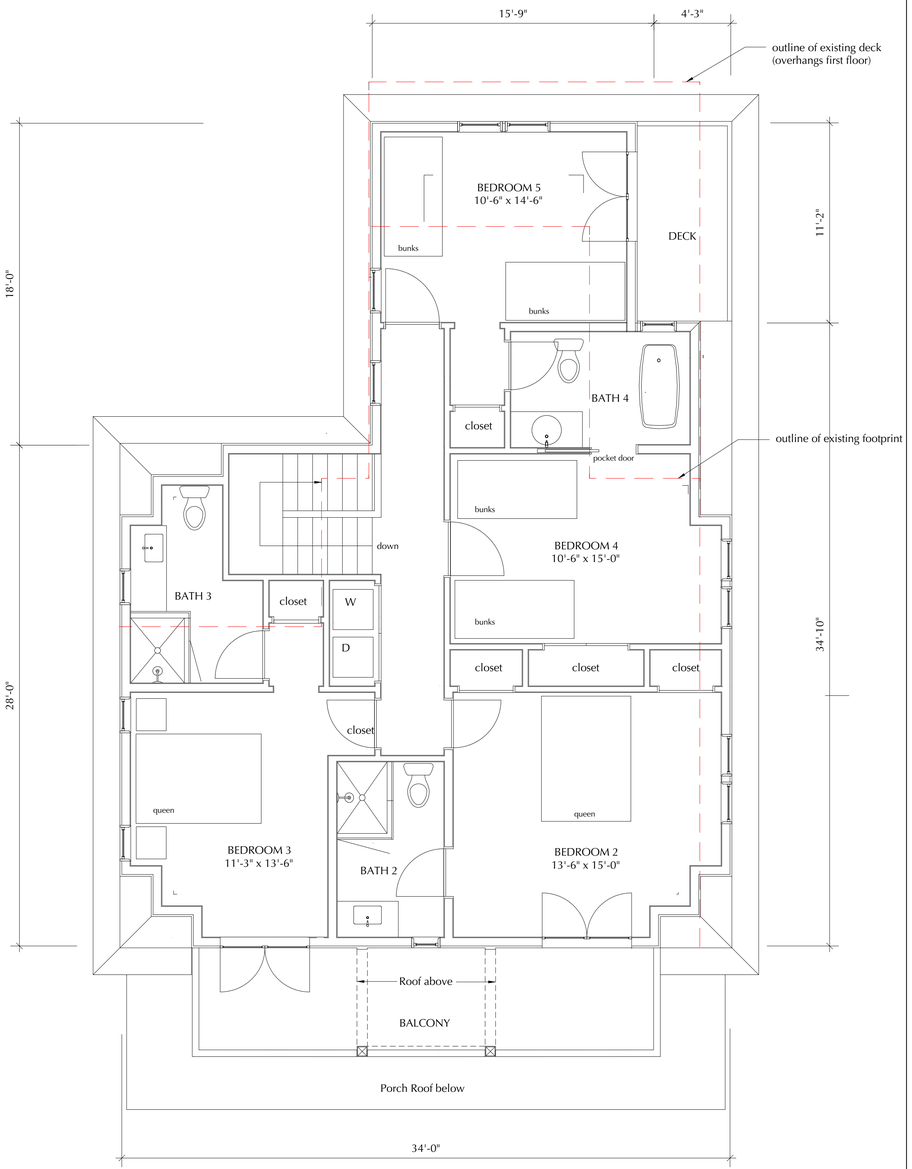


FIRST FLOOR PLAN
(1 BEDROOM)

1328 s.f. +/- (not including deck & porch)

00 08 16 feet



SECOND FLOOR PLAN
(4 BEDROOMS)

1211 s.f. +/- (not including deck and balconies)

00 08 16 feet

MACNELLY COHEN
ARCHITECTS P.C

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ASHLEY
5 Canonicus Avenue
Oak Bluffs, MA
Assessors 10-153

DRAWN:
22 January 2019

REVISED:
8 August 2019
10 August 2019
22 November 2019
20 February 2020
20 March 2020

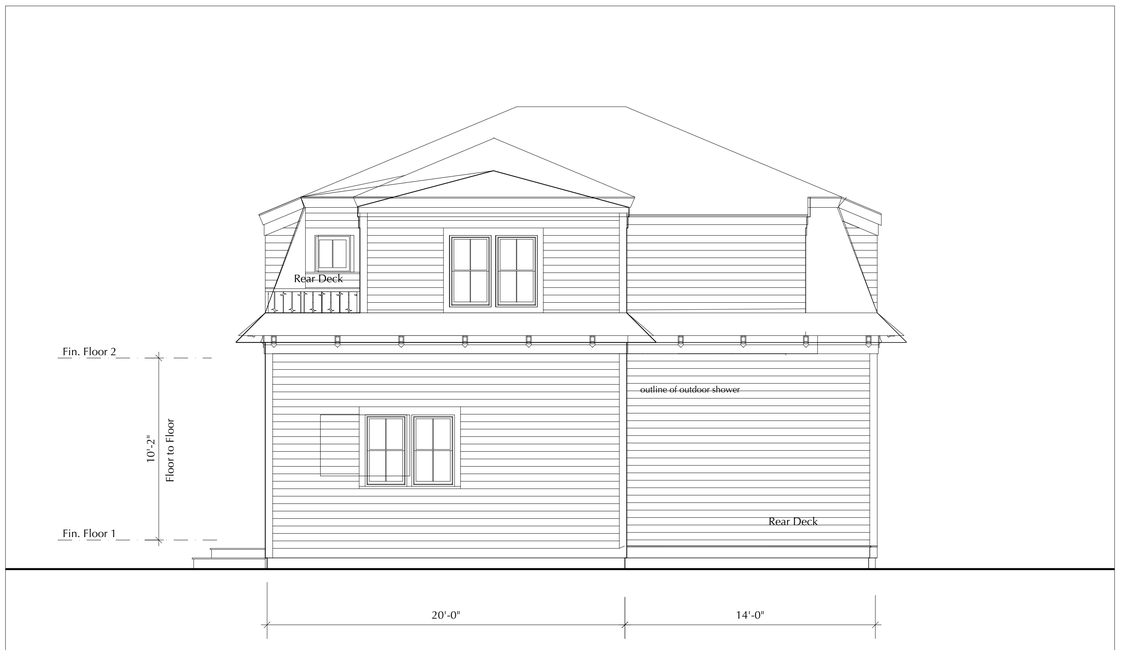
FLOOR PLANS
(5 BEDROOMS)

Scale: 1/4" = 1'- 0"

WEST ELEVATION

SOUTH ELEVATION

EAST ELEVATION



NORTH ELEVATION

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ASHLEY
5 Canonicus Avenue
Oak Bluffs, MA
Assessors 10-153

DRAWN:
22 November 2019

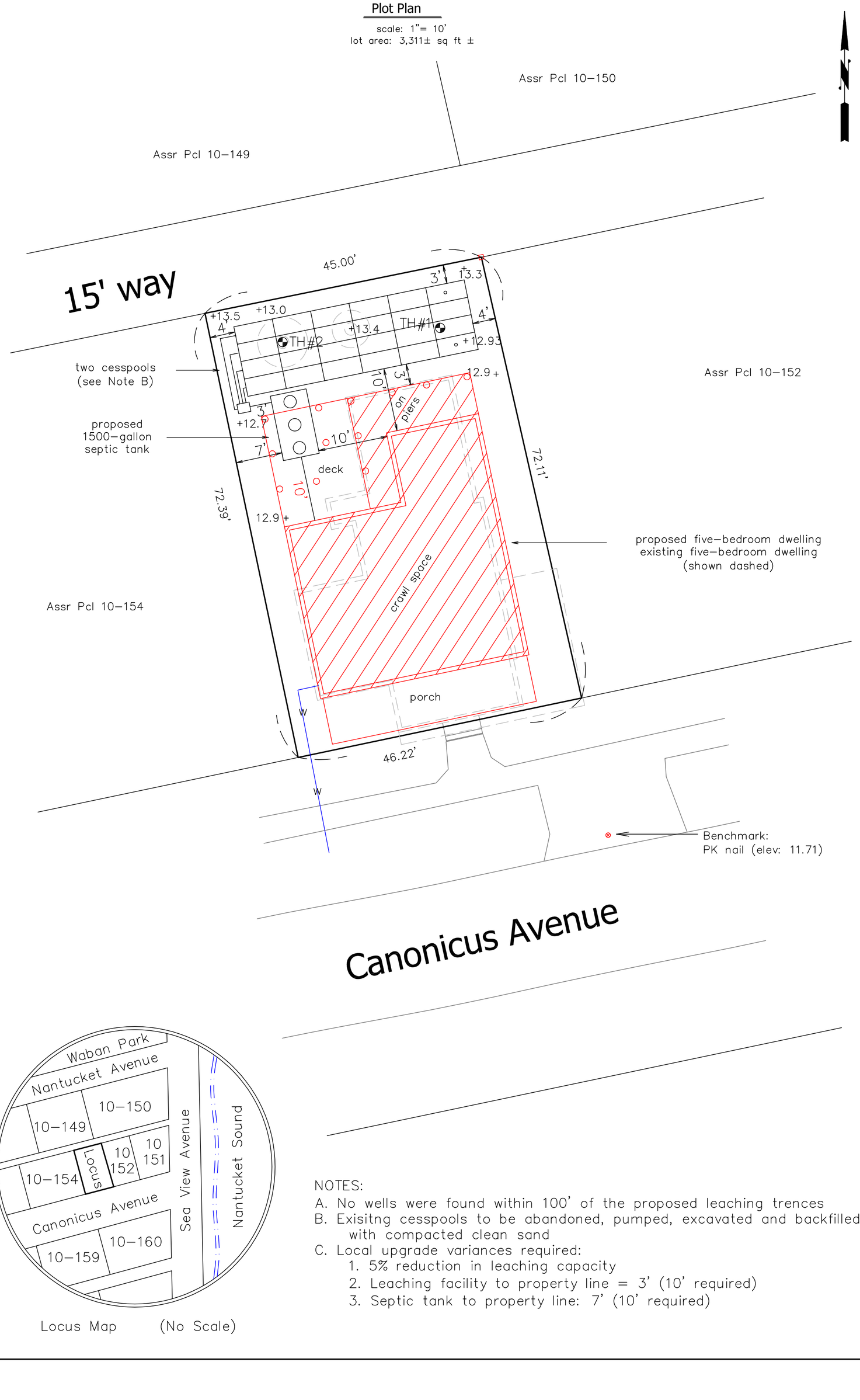
REVISED:
20 March 2020

ELEVATIONS

Scale: 1/4" = 1'- 0"

Plot Plan

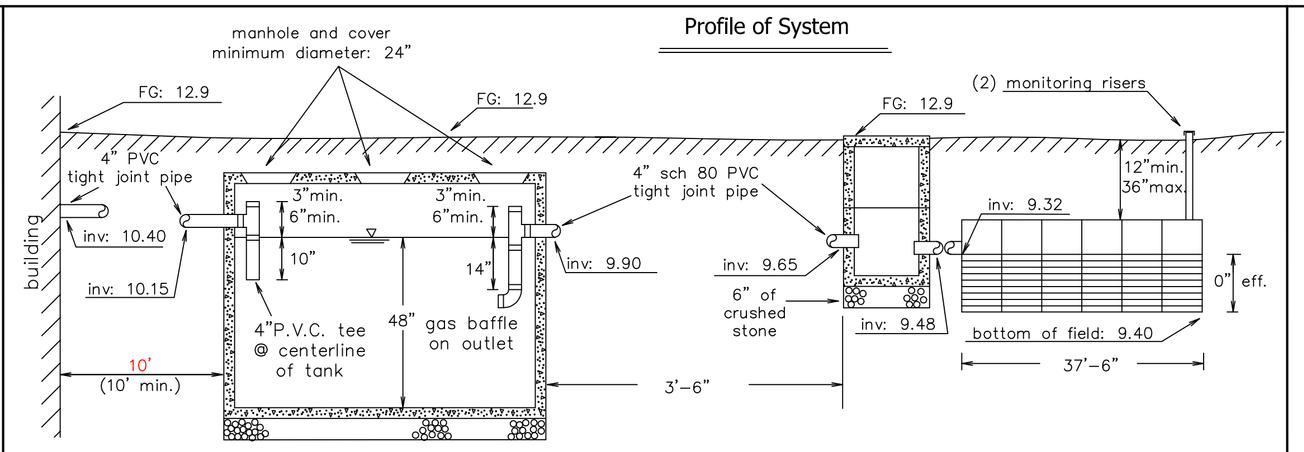
scale: 1"= 10'
lot area: 3,311± sq ft ±



Locus Map (No Scale)

NOTES:
A. No wells were found within 100' of the proposed leaching trences
B. Exisitng cesspools to be abandoned, pumped, excavated and backfilled with compacted clean sand
C. Local upgrade variances required:
   1. 5% reduction in leaching capacity
   2. Leaching facility to property line = 3' (10' required)
   3. Septic tank to property line: 7' (10' required)

Profile of System

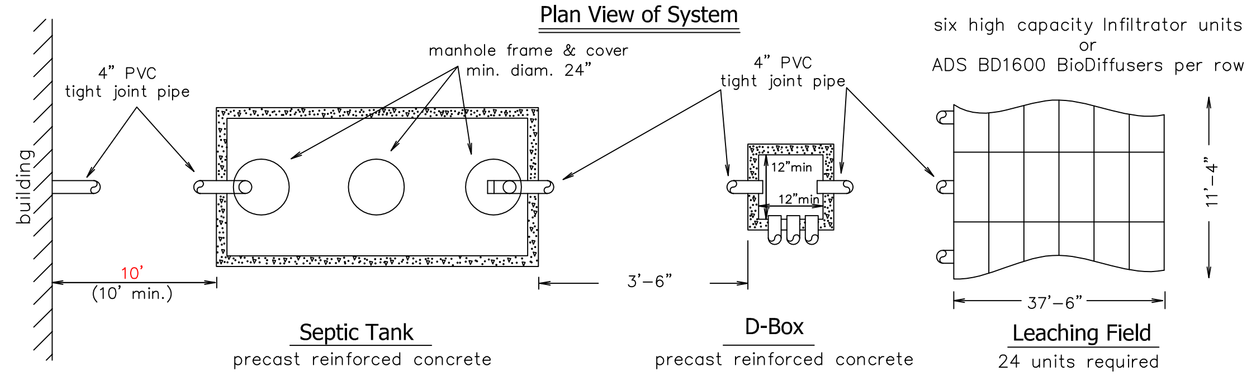


Septic Tank
capacity: 1500 gallons
precast reinforced concrete

D-Box
seven outlets
"speed levelers" to be provided

Leaching Field
bottom of field level
for entire length
(24 units required)

Plan View of System

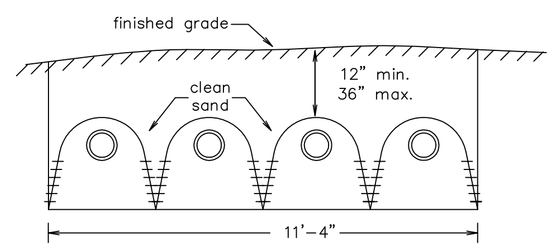


Septic Tank
precast reinforced concrete

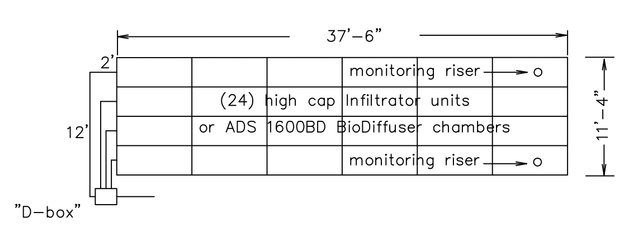
D-Box
precast reinforced concrete

Leaching Field
24 units required

Typical Leaching Field Cross-Section (no scale)



Leaching Facility Detail (no scale)



Schedule of Elevations

		finished grade above structure		finished grade above structure
Top of foundation =	14.40 (verify with arch's)			
Basement floor =	n/a (crawl & piers)			
Inverts at foundation =	10.40	12.9	Invert at distribution box inlet =	9.65
			Invert at distribution box outlet =	9.48	12.9
Invert at septic tank inlet =	10.15			
Invert at septic tank outlet =	9.90	12.9	Invert at infiltrator inlet =	9.32
			Elevation of field bottom =	8.40	12.9

Test Pit No. 1 (surface elev: 12.9)
Date of Test: August 26, 2009

Depth	Horiz.	Soil Description
0"–6"	A	Loamy SAND
6"–30"	B	Loamy SAND
30'–90"	C	SAND to Loamy SAND

Groundwater was not encountered at a depth of 90" (Elev. 0.4)

Test Pit No. 2 (surface elev: 12.9)
Date of Test: August 26, 2009

Depth	Horiz.	Soil Description
90"–6"	C	SAND

Groundwater was encountered at a depth of 151" (Elev. 1.4)

PERCOLATION TEST DATA

Test Pit No.	Date	Top of 12" of water		Rate: (MPI)
		Depth	Elevation	
1	8/26/09	36"	9.9	<2

General Notes

1. Elevations refer to approximate NAVD88
   See Bench Mark on Plot Plan located on PK nail (elevation: 11.71)
2. Finished grading to be done in accordance with Plot Plan.
3. Percolation tests performed in accordance with the Instructions in Title 5 of the Massachusetts State Environmental Code.
4. All construction to conform to Title 5 of the Massachusetts State Environmental Code, and the Board of Health requirements for the Town of Oak Bluffs
6. Septic tank and distribution box shall be watertight after construction including covers.
7. No driveway, parking or turning area or other impervious area shall be located above the soil absorption system.
8. No permanent structure may be constructed over the Reserve Area
9. Schofield, Barbini & Hoehn, Inc. will not be responsible for the performance of this system unless constructed as shown. Any alterations must be approved in writing by Schofield, Barbini & Hoehn, Inc.
10. The Board of Health shall require inspection of all construction by the design engineer and an agent of the Board of Health.
11. The design engineers and the system installer shall certify in writing to the approving authority that the system has been constructed in compliance with the approved plans.
12. For proper performance, septic tank should be inspected at least once a year and when the total depth of scum and solids exceeds 1/3 the liquid depth of the tank, the tank should be pumped.
13. Distribution Box Cover to be brought to finish grade.

Design Data

1. Estimated Hydraulic Loading:
   Five bedrooms at 110 gallons per day per bedroom = 550 GPD
   Garbage disposal is not allowed with this design.
2. Septic Tank Size:
   Required tank capacity: 550 x 200% = 1100 gallons (minimum)
   Septic tank provided: 1500 gallon
3. Design percolation rate: 2 MPI
   Soil textural class: I
   Loading rate: 0.74 GPD/SF
4. Leaching Area:
   Total leaching area provided: 424 SF
5. Maximum Allowable Loading:
   424 SF x 1.67 (chamber general permits) x 0.74 GPD/SF = 523 GPD
   Actual hydraulic loading: 550 GPD
   (5% reduction in capacity required: 550 GPD x 95% = 522 GPD)

Legend

---XX---	Denotes proposed contour
F.G. = XX.X	Denotes proposed finished grade
XX	Denotes existing contour
⊕	Denotes test hole location
P.V.C.	Denotes polyvinyl chloride pipe, Sch. 40, unless noted
▦	Denotes catch basin
E.H.C.I.	Denotes extra heavy cast iron
— W —	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 Five–Bedroom Dwelling
to Replace an Existing Five–Bedroom Dwelling
5 Canonicus Avenue Assessor Parcel 10–153
Oak Bluffs, Massachusetts

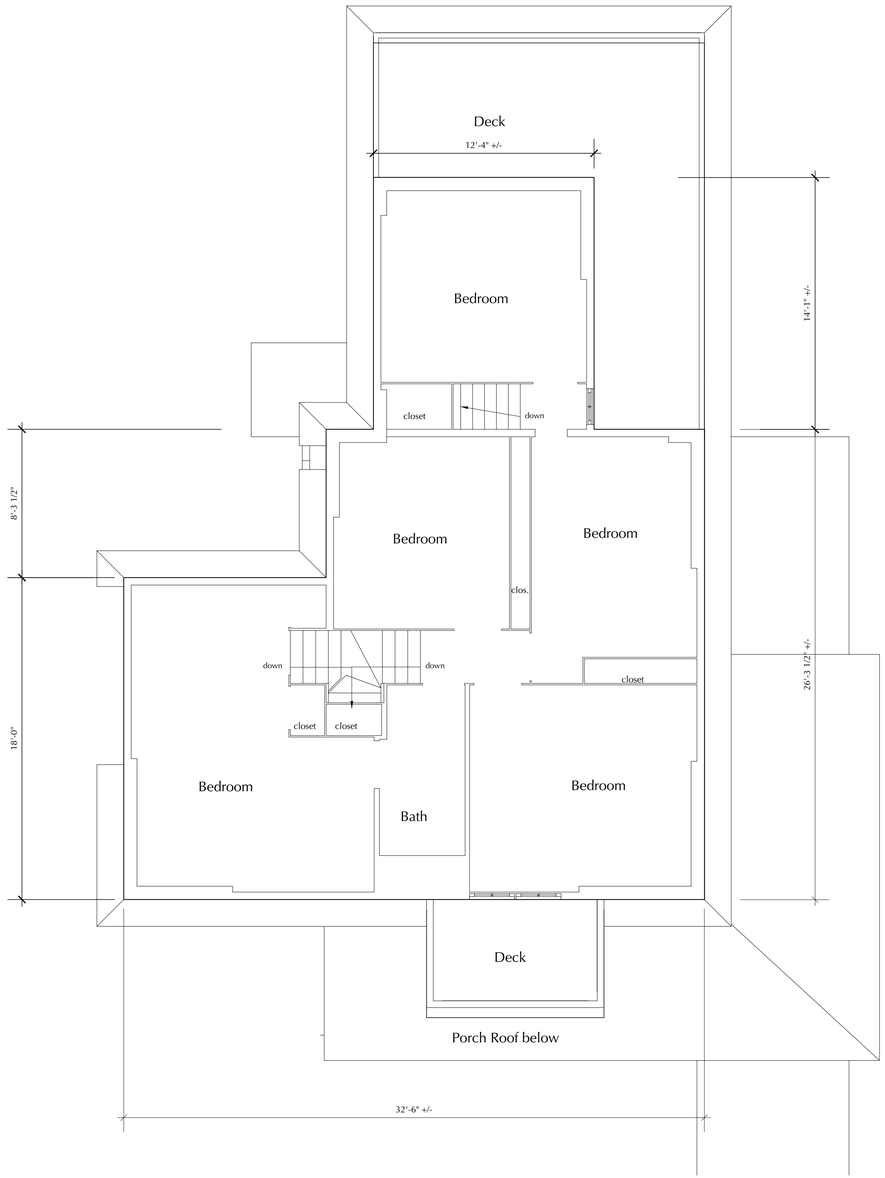
Applicant: William Ashley
64 Graymoor Lane
Olympia Fields, Il 60461

Telephone: (508) 693–2781

date: March 7, 2019 rev: Dec 2, 2019 (footprint)
designed by: CPA | drawn by: CPA | checked by: JRL

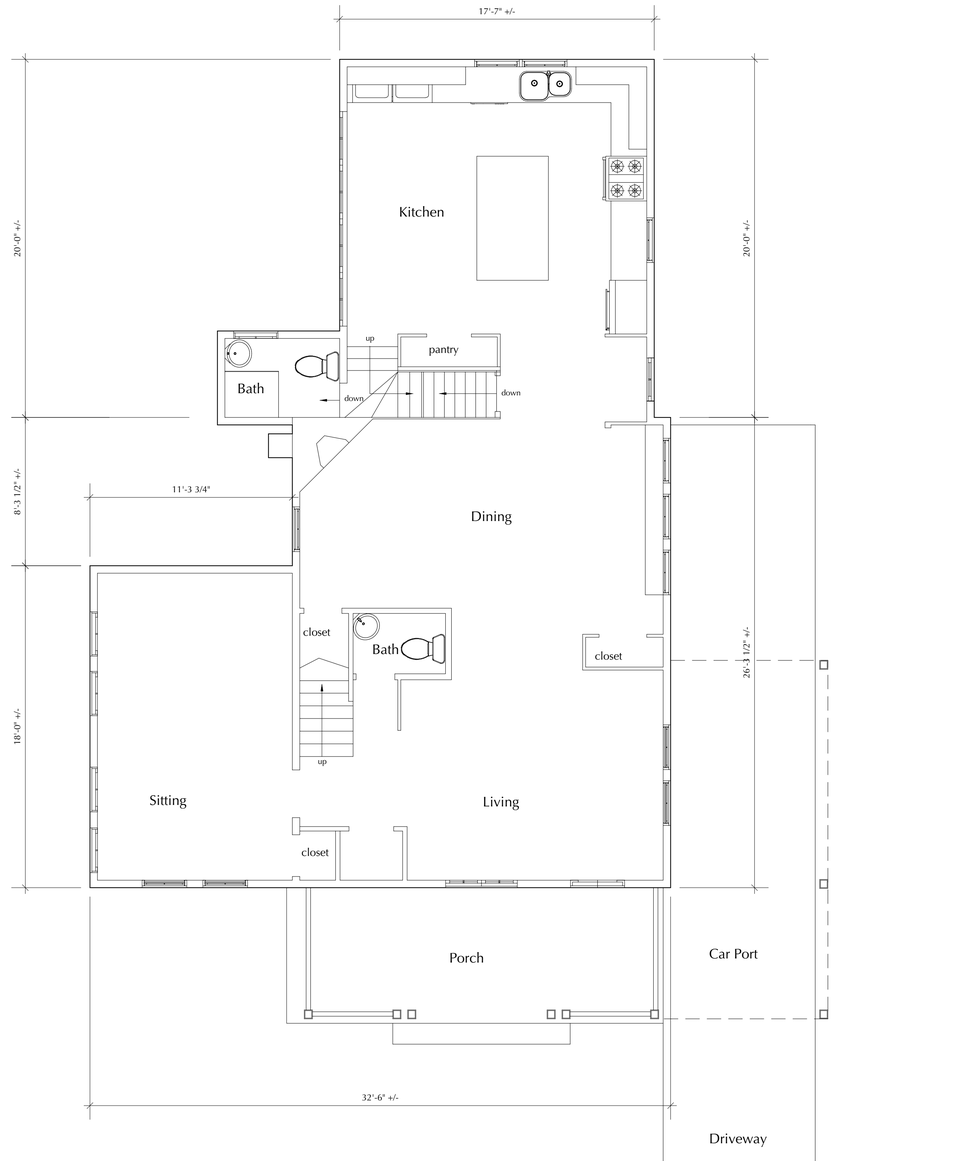
Schofield, Barbini & Hoehn, Inc.
Land Surveying Civil Engineering
12 Surveyor's Lane, Box 339
Vineyard Haven, Mass. 02568
508–693–2781
www.sbhinc.net

MV 10633



SECOND FLOOR PLAN

933 s.f.



FIRST FLOOR PLAN

1146 s.f.

Sidewalk

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5 CANONICUS AVENUE

Oak Bluffs, MA 02557

DRAWN:
20 February 2020

REVISED:

EXISTING
FLOOR PLANS

Scale: 1/4" = 1'- 0"

REAR (VIEW FROM NORTHWEST)

FRONT (VIEW FROM CANONICUS AVE)

VIEW FROM SOUTHWEST

VIEW FROM SOUTHEAST

MACNELLY COHEN
ARCHITECTS P.C

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5 CANONICUS AVENUE

Oak Bluffs, MA 02557

DRAWN:
20 February 2020

REVISED:

EXISTING