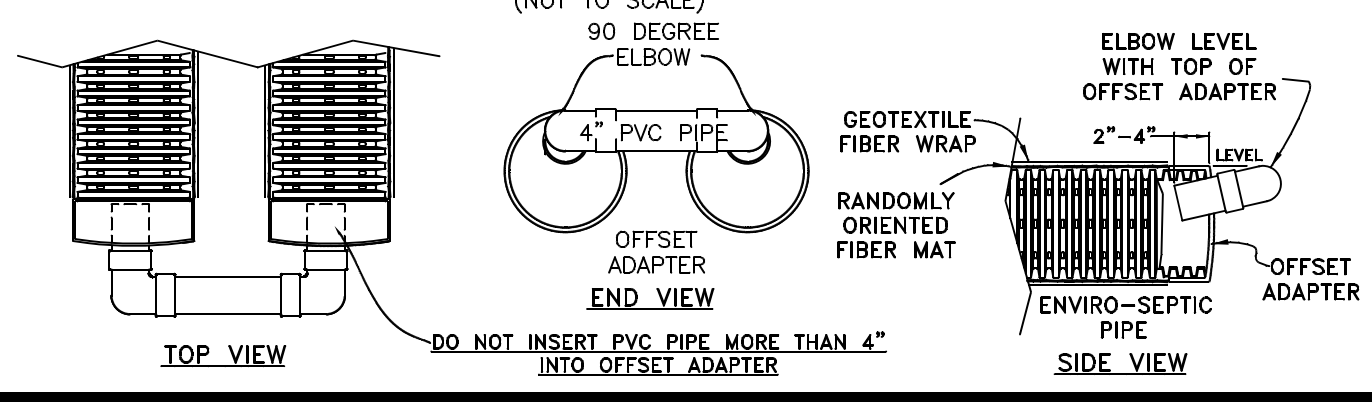
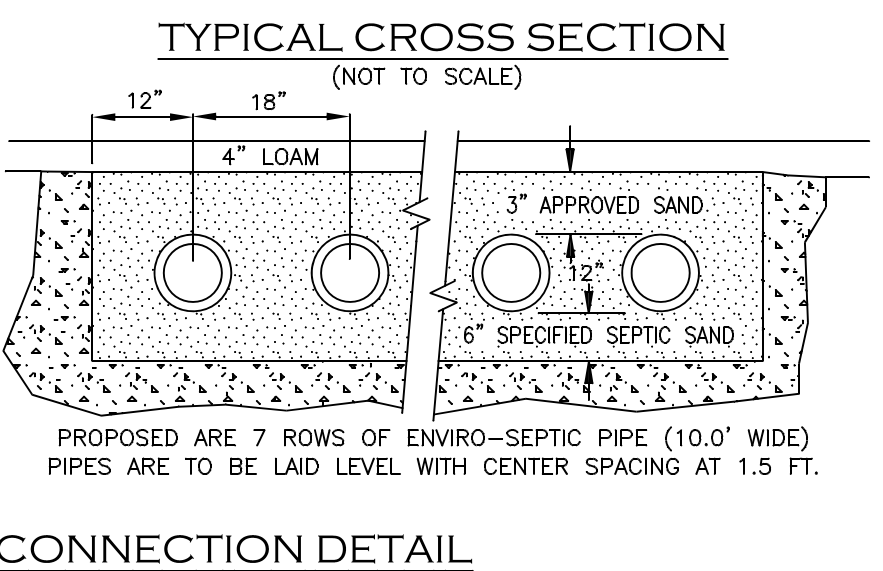


### SPECIFIED SEPTIC SAND

ASTM C-33 STANDARD SAND SPECIFICATION  
SIEVE (SPECIFICATION E11) PERCENT PASSING

- 9.5-MM (3/8 IN) 100%
- 4.75-MM (No.4) 95-100%
- 2.36-MM (No.8) 80-100%
- 1.18-MM (No.16) 50-85%
- 600-µm (No.30) 25-60%
- 300-µm (No.50) 5-30%
- 150-µm (No.100) 0-10%

And Presby Environmental, Inc. Requires:  
75-µm (No.200) 0-2%  
(Value must be obtained by washing)



### DESIGN INTENT

SEPTIC LOADING DATA  
4 BEDROOM HOUSE AT 6 MIN. PER INCH REQUIRES 210 LINEAR FEET OF ENVIRO-SEPTIC LARGE DIAMETER LEACHING PIPE  
PROPOSED ARE 7 ROWS OF 40 LINEAR FEET EACH OR 280 TOTAL LINEAR FEET.

SOIL DATA - MONADNOCK FINE SANDY LOAM, 3 TO 8% SLOPES.

DESIGN INTENT  
DUE TO SHWT AT 40" THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 499.4 ELEVATION. THIS IS APPROXIMATELY 1.1' ABOVE / BELOW EXISTING GROUND ON THE HIGH CONTOUR OF THE EFFLUENT DISPOSAL SYSTEM (EDS).  
LEACHFIELD IS TO BE REBUILT IN PLACE IF REPLACEMENT BECOMES NECESSARY.  
SUBDIVISION APPROVAL # PRE-1967  
PREVIOUS CONST. APPROVAL #  
DEED REFERENCE: HILLSBOROUGH COUNTY BOOK/PAGE #9628/1598

-WETLANDS WERE DELINEATED IN PROXIMITY TO THE LEACHFIELD AREA-  
"WETLANDS WERE DELINEATED IN ACCORDANCE WITH Env-Wq 1014.06  
DELINEATION OF WETLANDS: HYDRIC SOILS DETERMINATION

MID-POINT NOTE:  
AT LEAST 50% OF THE LEACHFIELD IS BEYOND THE MID-POINT ELEVATION OF 500.2 EXISTING GRADE, AND WILL MAINTAIN AT LEAST 2.5 FT BETWEEN BED BOTTOM AND ESHWT NO PART OF THE LEACHFIELD SHALL BE CLOSER THAN 2.0 FT TO SHWT.

### TEST PIT DATA

12/28/23

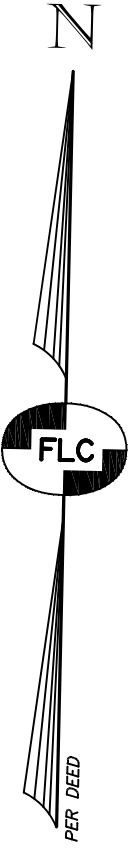
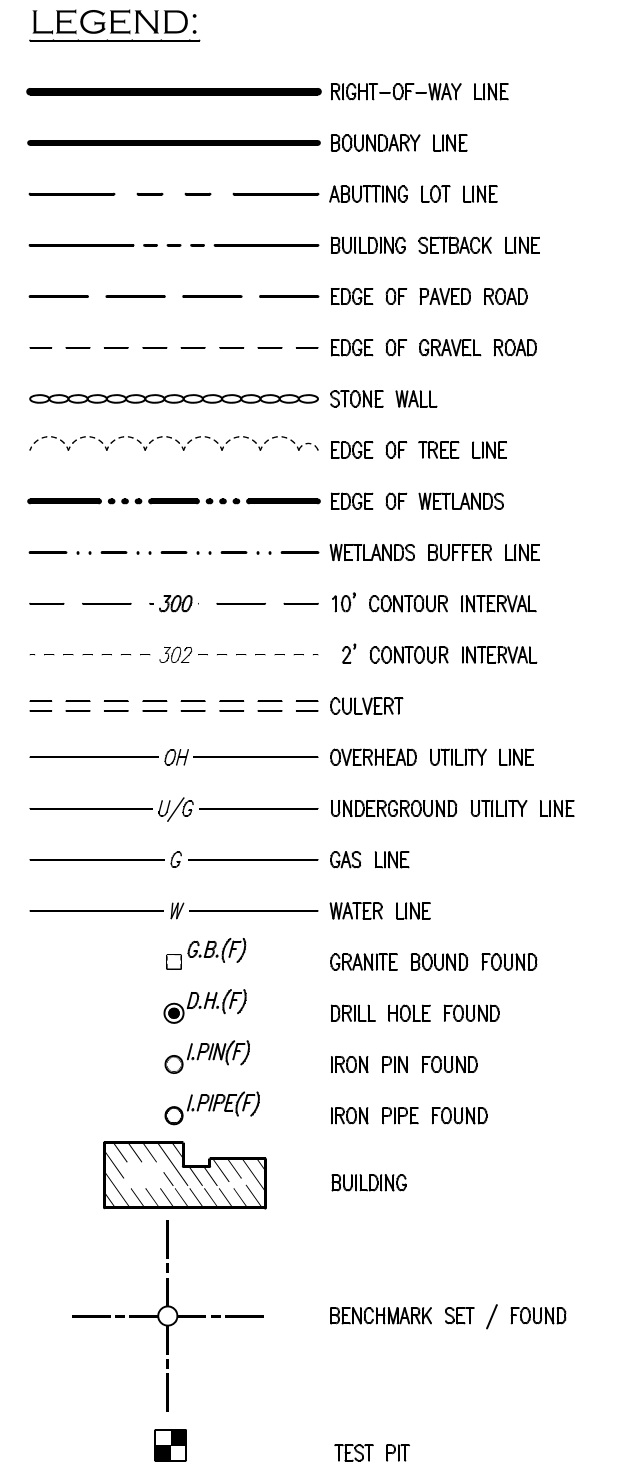
TP-1	10 YR 3/3 DARK BROWN, LOAM, GRANULAR, FRIABLE	ROOTS	50"
18"	10 YR 5/6 YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE	E.S.H.W.T.	40"
35"	2.5 Y 4/3 OLIVE BROWN, GRAVELLY SANDY LOAM, MASSIVE, FRIABLE	WATER	45"
72"		HARDPAN	NONE
		LEDGE	NONE

PERC. TEST 6 MIN./IN. AT 22"  
DATE 12/28/23

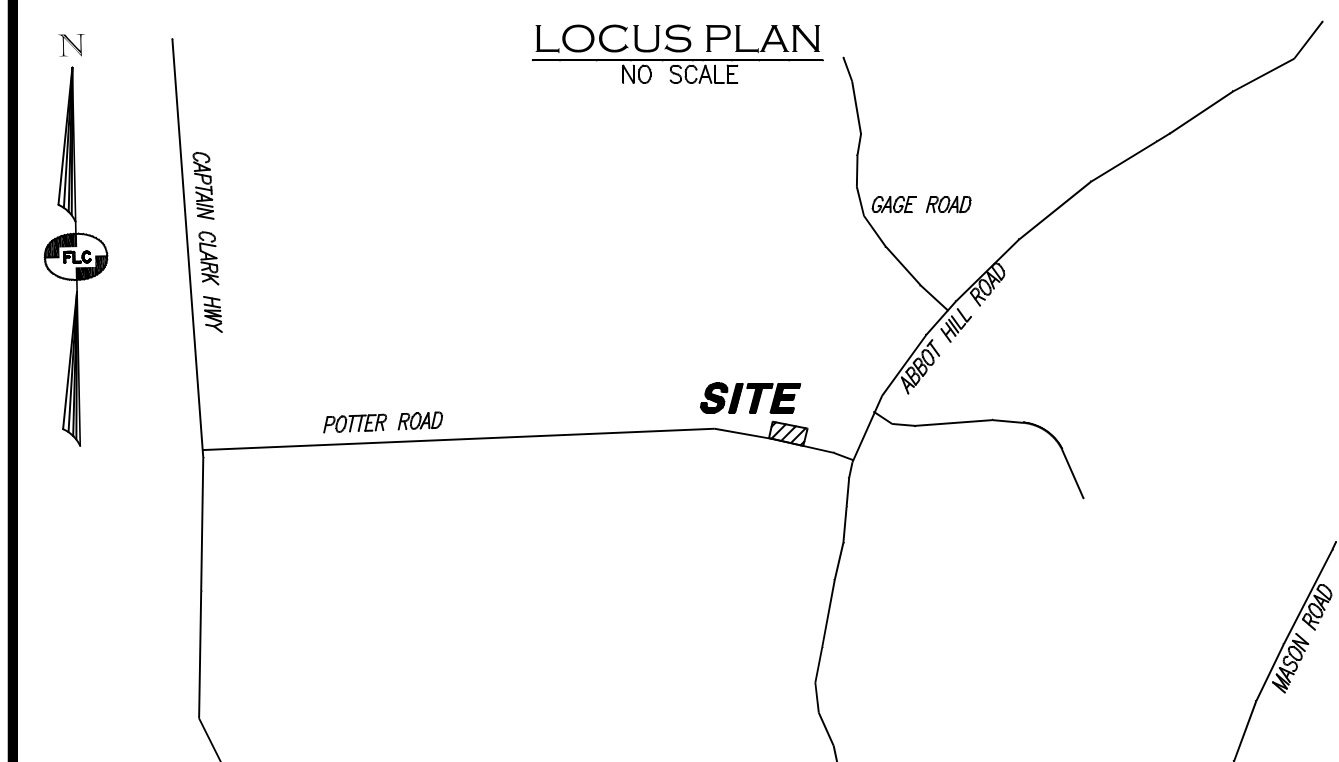
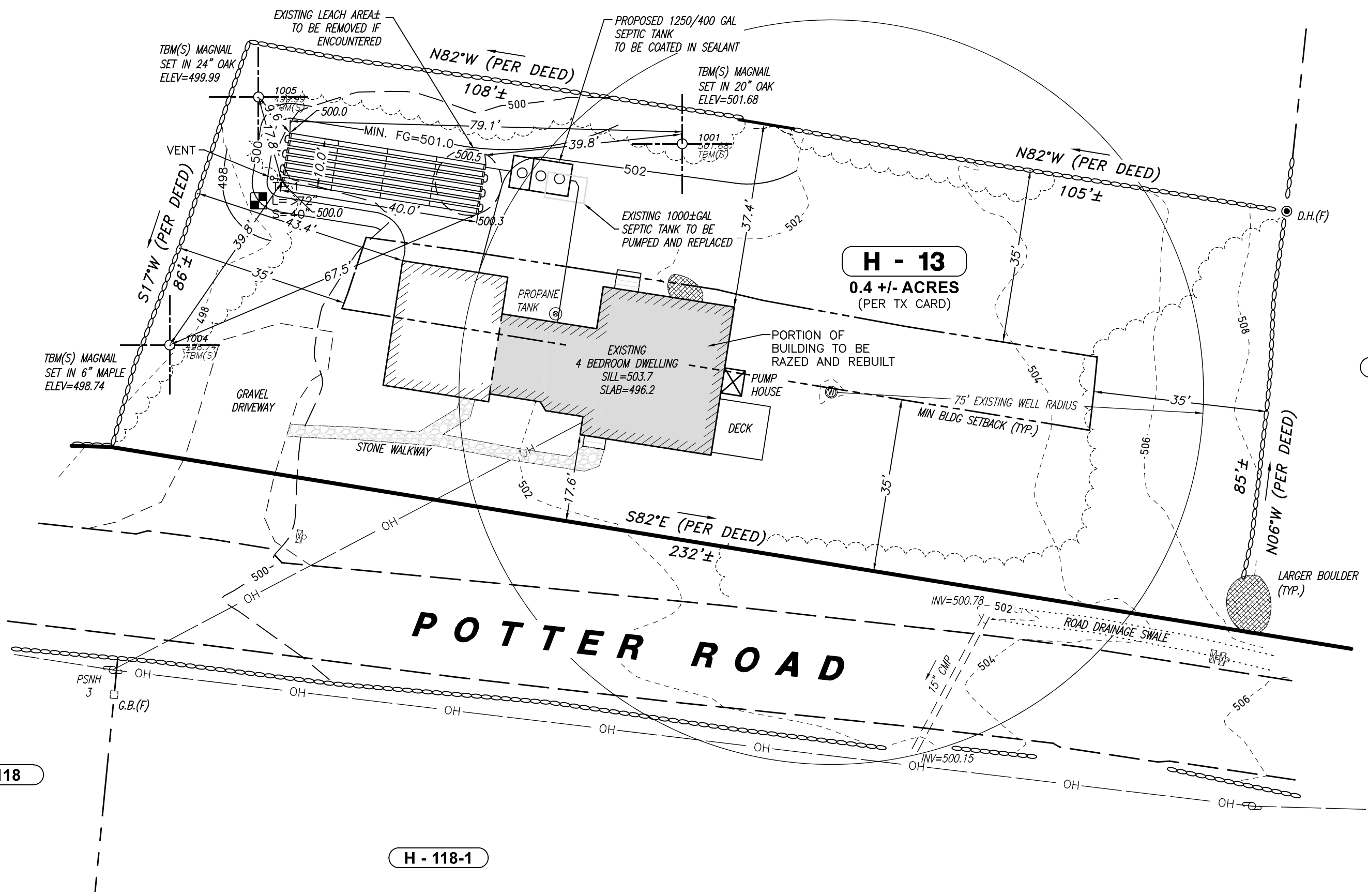
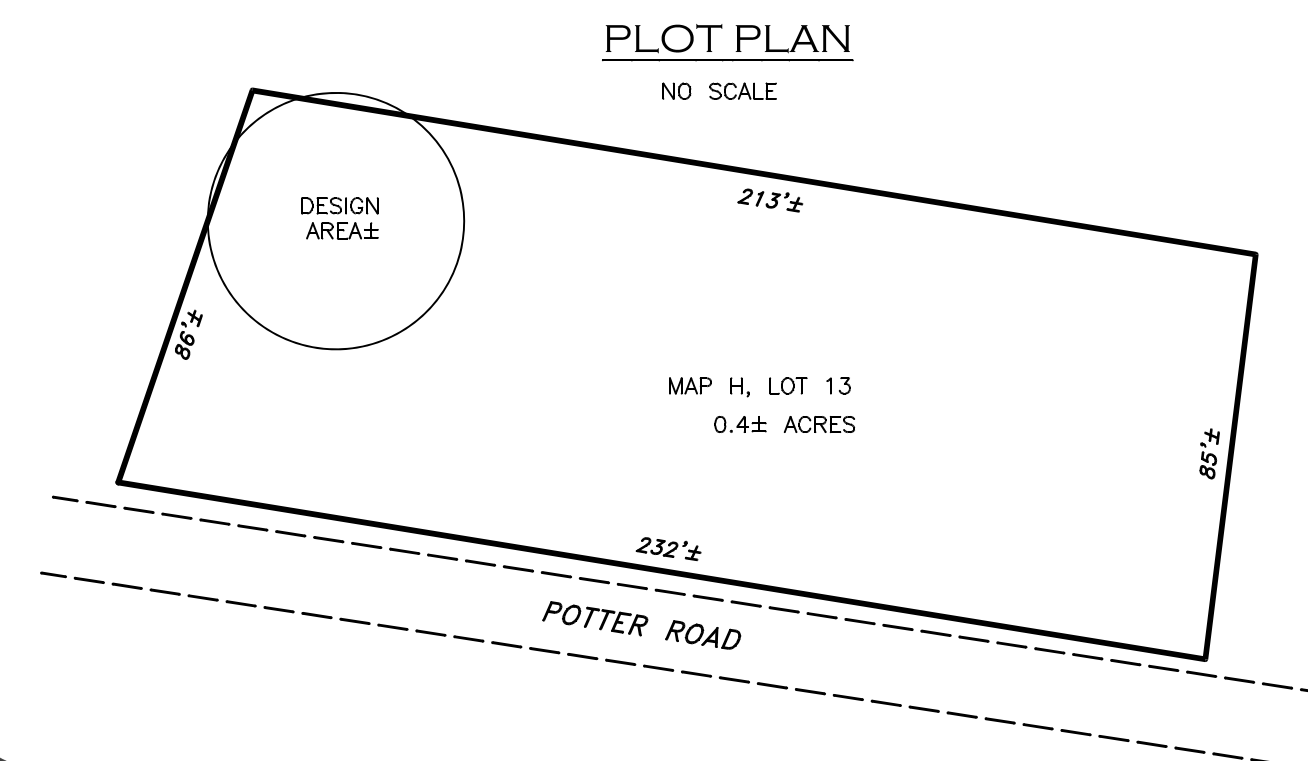
### NOTES

- THIS IS NOT A PROPERTY LINE SURVEY. ALL PROPERTY LINES SHALL BE VERIFIED BY OWNER AND CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- OWNER AND CONTRACTOR ARE RESPONSIBLE FOR CONTACTING DIGSAFE FOR UTILITIES SHOWN HEREIN ARE APPROXIMATE ONLY.
- THERE ARE NO POORLY DRAINED WETLANDS WITHIN 50 FEET OF THE LEACHFIELD.
- THERE ARE NO VERY POORLY DRAINED WETLANDS OR STANDING SURFACE WATER WITHIN 75 FEET OF THE LEACHFIELD.
- INSTALLER SHALL NOT ALLOW ANY VEHICULAR TRAVEL TO OCCUR OVER THE PROPOSED EFFLUENT DISPOSAL SYSTEM (EDS) EXCEPT DURING CONSTRUCTION.
- ALL PIPE CONNECTIONS TO THE SEPTIC TANK SHALL BE SEALED WITH A WATER-TIGHT FLEXIBLE JOINT CONNECTOR IN ACCORDANCE WITH ENV-WQ 1010.08(A).
- THIS DESIGN DOES NOT PROVIDE FOR THE USE OF A GARBAGE GRINDER IF A GARBAGE GRINDER IS INSTALLED THE SEPTIC TANK CAPACITY WOULD NEED TO BE INCREASED.
- THIS SYSTEM IS NOT DESIGNED FOR DISCHARGES FROM WATER PURIFICATION SYSTEMS OR FLOOR DRAINS.
- REPLACEMENT SYSTEM TO BE LOCATED IN THE SAME AREA WHEN OR IF NECESSARY.
- CONTRACTOR SHALL USE CAUTION WHEN PREPARING THE SITE AND PLACING FILL MATERIALS TO AVOID COMPACTION AND/OR SMEARING OF THE INFILTRATIVE SOILS.
- ALL SEWER PIPING LESS THAN 4-FT BELOW GRADE SHALL BE INSULATED, UNLESS OTHERWISE NOTED ON PLAN.
- ALL INVERT ELEVATIONS AND GRADES ARE REFERENCED FROM THE T.B.M.
- DESIGNER SHALL BE NOTIFIED OF ANY CONDITIONS CONTRARY TO THOSE DEPICTED ON THIS PLAN.
- WATER SUPPLY IS ON-SITE WELL.
- ALL PIPING SHALL BE SCH 35 PVC UNLESS OTHERWISE SPECIFIED ON PLANS.
- SEPTIC TANK SHALL BE PUMPED AND CLEANED A MINIMUM OF EVERY THREE YEARS OR AT MORE FREQUENT INTERVALS IF NEEDED.
- SEPTIC TANK ARE TO BE SUPPLIED BY LAMARRE CONCRETE CORP. OR EQUAL.
- ENVIRO-SEPTIC PRODUCTS TO BE SUPPLIED BY PRESBY ENVIRONMENTAL, INC. 1-800-473-5298.
- NO KNOWN BURIAL SITES OR CEMETERIES WITHIN 100' OF ANY SEPTIC SYSTEM COMPONENT, PER ENV.WQ 1003.13(A).
- LOCAL ZONING RELIEF MAYBE REQUIRED FOR THE INSTALLATION OF SEPTIC COMPONENTS PER LOCAL ZONING REGULATIONS.
- THE BOUNDARY INFORMATION SHOWN WAS DEVELOPED FROM DEED CITED HEREON AND NOT THE RESULT OF A PRECISE BOUNDARY SURVEY.

ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS ARE APPROVED BY NHDES AS AN ITA IN ACCORDANCE WITH SECTION ENV-Ws 1024 OF THE STATE REGULATIONS. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH THE ENVIRO-SEPTIC AND SIMPLE SEPTIC LEACHING SYSTEM DESIGN AND INSTALLATION MANUAL AND THE ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEM DESIGN AND INSTALLATION MANUAL NEW HAMPSHIRE STATE ATTACHMENT.



ANY DISCREPANCIES, CHANGES, SUBSTITUTIONS OR DEVIATIONS FROM THIS PLAN REQUIRES NOTIFICATION OF THE DESIGNER. USE OF THIS PLAN FOR ANY PURPOSE OTHER THAN THE CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM SHALL BE AT THE USER'S RISK.



REV.	DATE	DESCRIPTION	DR	CK

GRAPHIC SCALE  
20 10 0 20 40  
IMPERIAL: 1"=20'

**DRAFT**

DESIGNER'S STAMP

### PROPOSED SEWAGE DISPOSAL SYSTEM PLAN

TAX MAP H LOT 13  
WILTON, NEW HAMPSHIRE  
(19 POTTER ROAD)  
PREPARED FOR:  
**ELIZABETH BRANDLEY**  
19 POTTER ROAD - WILTON, NH 03086

SCALE: 1" = 20' JANUARY 30, 2023

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

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Phone: (603) 672-5456 Fax: (603) 413-5456  
www.FieldstoneLandConsultants.com

**DRAFT**

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