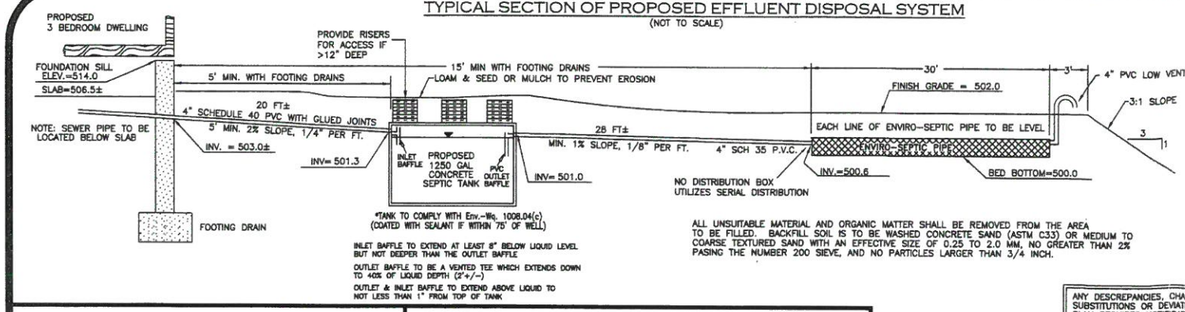
TYPICAL SECTION OF PROPOSED EFFLUENT DISPOSAL SYSTEM
(NOT TO SCALE)



SPECIFIED SEPTIC SAND

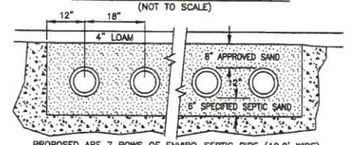
ASTM C-33 STANDARD SAND SPECIFICATION

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-uM (No.30) 25-60%
300-uM (No.50) 5-30%
150-uM (No.100) 0-10%

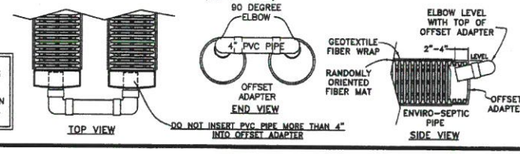
And Presby Environmental, Inc. Requires:
75-uM (No.200) 0-2%
(Value must obtained by washing)

TYPICAL CROSS SECTION
(NOT TO SCALE)



PROPOSED ARE 7 ROWS OF ENVIRO-SEPTIC PIPE (10.0' WIDE) PIPES ARE TO BE LAID LEVEL WITH CENTER SPACING AT 1.5 FT.

RAISED CONNECTION DETAIL
(NOT TO SCALE)



ANY DESCREPANCIES, 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 USERS RISK.

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

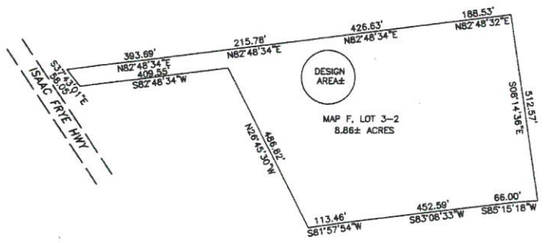
MID-POINT NOTE:
AT LEAST 50% OF THE LEACHFIELD IS BEYOND THE MID-POINT ELEVATION OF 503.2 EXISTING GRADE, AND WILL MAINTAIN AT LEAST 2.5 FT BETWEEN BED BOTTOM AND ESHWT
NO PART OF THE LEACHFIELD SHALL BE CLOSER THAN 2.0 FT TO SHWT.

NOTES

1. THIS IS NOT A PROPERTY LINE SURVEY. ALL PROPERTY LINES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THERE ARE NO POORLY DRAINED WETLANDS WITHIN 75 FEET OF THE LEACHFIELD.
3. THERE ARE NO VERY POORLY DRAINED WETLANDS OR STANDING SURFACE WATER WITHIN 75 FEET OF THE LEACHFIELD.
4. INSTALLER SHALL NOT ALLOW ANY VEHICULAR TRAVEL TO OCCUR OVER THE PROPOSED EFFLUENT DISPOSAL SYSTEM (EDS) EXCEPT DURING CONSTRUCTION.
5. 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).
6. 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.
7. THIS SYSTEM IS NOT DESIGNED FOR DISCHARGES FROM WATER PURIFICATION SYSTEMS OR FLOOR DRAINS.
8. REPLACEMENT SYSTEM TO BE LOCATED IN THE SAME AREA WHEN OR IF NECESSARY.
9. CONTRACTOR SHALL USE CAUTION WHEN PREPARING THE SITE AND PLACING FILL MATERIALS TO AVOID COMPACTION AND/OR SMEARING OF THE INFILTRATIVE SOILS.
10. ALL INVERT ELEVATIONS AND GRADES ARE REFERENCED FROM THE T.B.M.
11. DESIGNER SHALL BE NOTIFIED OF ANY CONDITIONS CONTRARY TO THOSE DEPICTED ON THIS PLAN.
12. SEPTIC TANK MAY HAVE A FILTER INSTALLED IN THE OUTLET SIDE OF THE TANK IF DESIRED IF ALARM IS INSTALLED.
13. WATER SUPPLY IS ON-SITE WELL.
14. ALL PIPING SHALL BE SCH 35 PVC UNLESS OTHERWISE SPECIFIED ON PLANS.
15. SEPTIC TANK SHALL BE PUMPED AND CLEANED A MINIMUM OF EVERY THREE YEARS OR AT MORE FREQUENT INTERVALS IF NEEDED.
16. SEPTIC TANK ARE TO BE SUPPLIED BY LAMARRE CONCRETE CORP. OR EQUAL.
17. ENVIRO-SEPTIC PRODUCTS TO BE SUPPLIED BY PRESBY ENVIRONMENTAL, INC. 1-800-473-5298.
18. NO KNOWN BURIAL SITES OR CEMETERIES WITHIN 100' OF ANY SEPTIC SYSTEM COMPONENT, PER ENV.WQ 1003.13(A)3.

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.

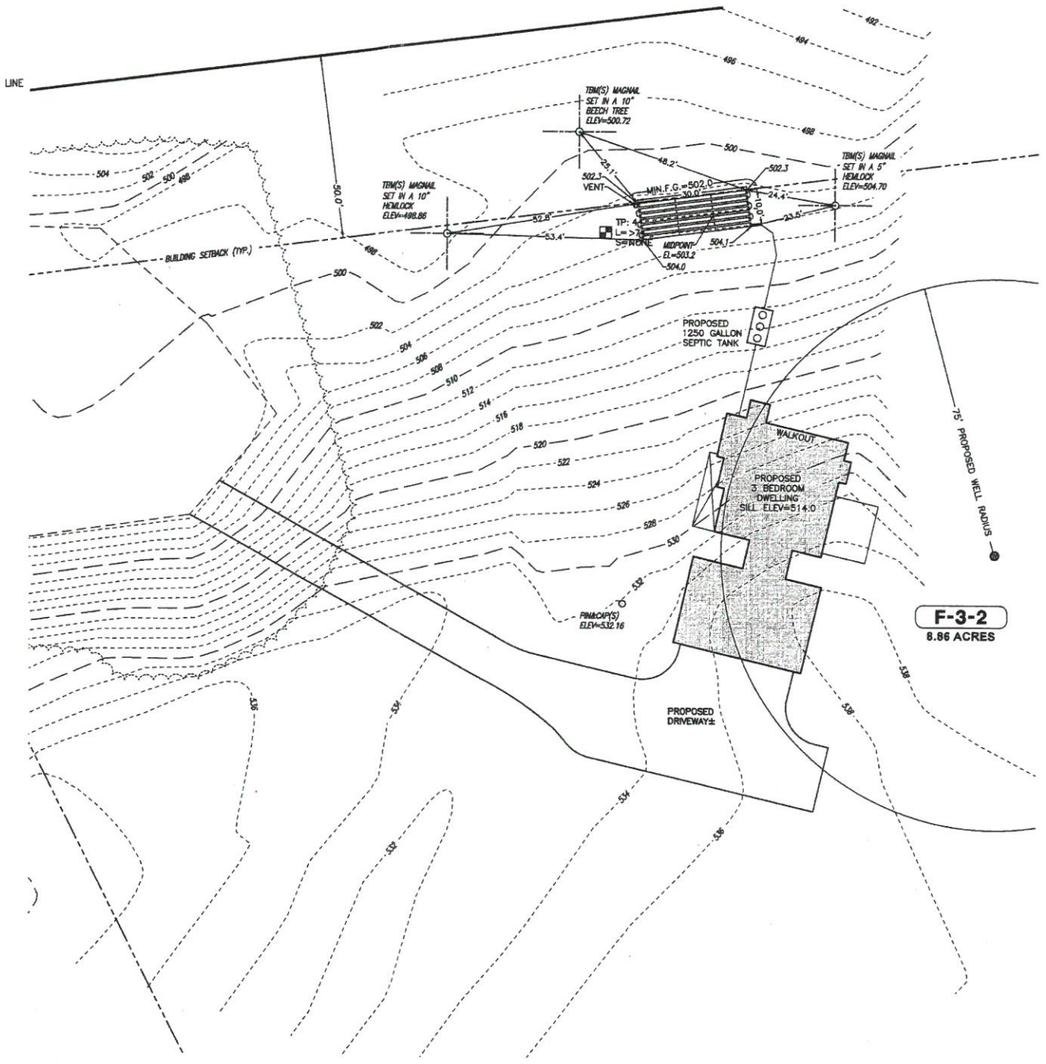
PLOT PLAN
NO SCALE



N

LEGEND

- RIGHT-OF-WAY LINE
- APPROXIMATE PROPERTY LINE
- EDGE OF PAVEMENT
- 10' CONTOUR INTERVAL
- 2' CONTOUR INTERVAL
- STONE WALL
- WELL
- TEST PIT
- PERCOLATION TEST



DESIGN INTENT

SEPTIC LOADING DATA

3 BEDROOM HOUSE AT 2 MIN. PER INCH REQUIRES 210 LINEAR FEET OF ENVIRO-SEPTIC LARGE DIAMETER LEACHING PIPE
PROPOSED ARE 7 ROWS OF 30 LINEAR FEET EACH OR 280 TOTAL LINEAR FEET.

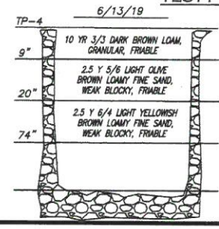
SOIL DATA - COLTON LOAMY SAND, 15-35% SLOPES

DESIGN INTENT

DUE TO SHWT AT >74" THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 500.0 ELEVATION. THIS IS APPROXIMATELY 4.1' ~~ABOVE~~ / BELOW ~~ORIGINAL~~ 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 # > 5 ACRES
PREVIOUS CONST. APPROVAL #
DEED REFERENCE: HILLSBOROUGH COUNTY BOOK/PAGE #9186/2436

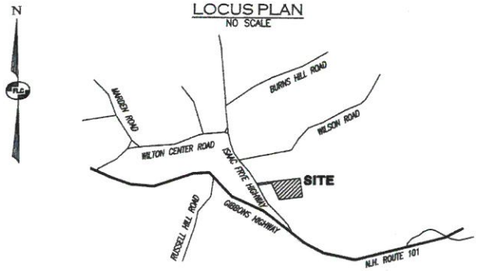
TEST PIT DATA

6/13/19



ROOTS 16"
E.S.H.W.T. >74"
WATER NONE
HARDPAN NONE
LEDGE NONE
PERC. TEST 2 MIN./IN. AT 28"
DATE 6/13/19

LOCUS PLAN
NO SCALE



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

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Kenneth M. Robinson No. 1696 Department of Environmental Services
DESIGNER'S STAMP

PROPOSED SEWAGE DISPOSAL SYSTEM PLAN

TAX MAP F LOT 3-2
WILTON, NEW HAMPSHIRE
(ISAAC FRYE HIGHWAY)

PREPARED FOR:

SAN-KEN HOMES, INC.
586 TURNPIKE ROAD - NEW IPSWICH, NH 03071

SCALE: 1" = 20' FEBRUARY 22, 2021

Surveying ◆ Engineering ◆ Land Planning ◆ Permitting ◆ Septic Designs
FIELDSTONE LAND CONSULTANTS, PLLC
206 Elm Street, Milford, NH 03055
Phone: (603) 672-5456 Fax: (603) 413-5456
www.FieldstoneLandConsultants.com

FILE: 2218ST00B.dwg	PROJ. NO. 2218.00	SHEET NO. 1 OF 1

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 3/16/2021
#eCA2021031634