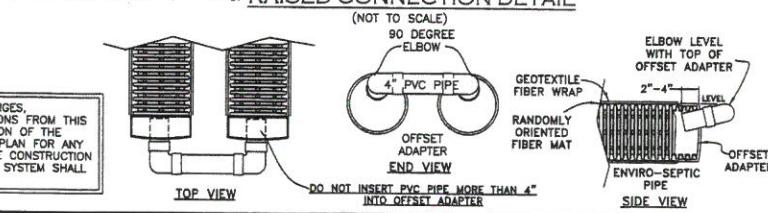
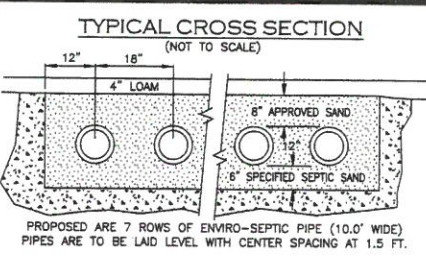


**SPECIFIED SEPTIC SAND**  
 ASTM C-33 STANDARD SAND SPECIFICATION  
 SIEVE (SPECIFICATION E11) PERCENT PASSING  
 9.5-MM (3/8 IN) 100%  
 4.75-MM (No.4) 95-100%  
 2.36-MM (No.8) 80-100%  
 1.18-MM (No.16) 50-85%  
 600-µM (No.30) 25-60%  
 300-µM (No.50) 5-30%  
 150-µM (No.100) 0-10%  
 And Presby Environmental, Inc. Requires:  
 75-µM (No.200) 0-2%  
 (Value must be obtained by washing)

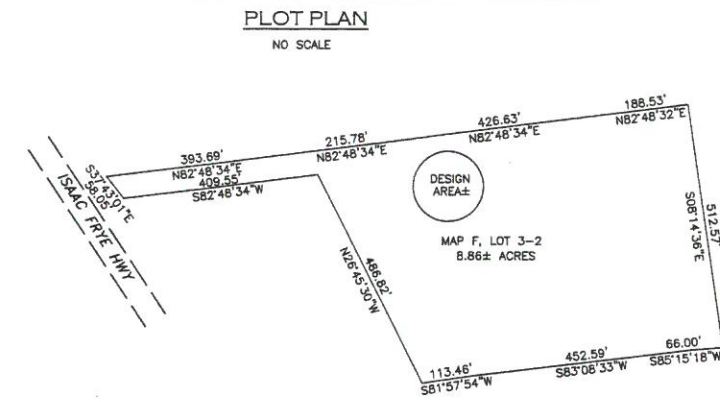
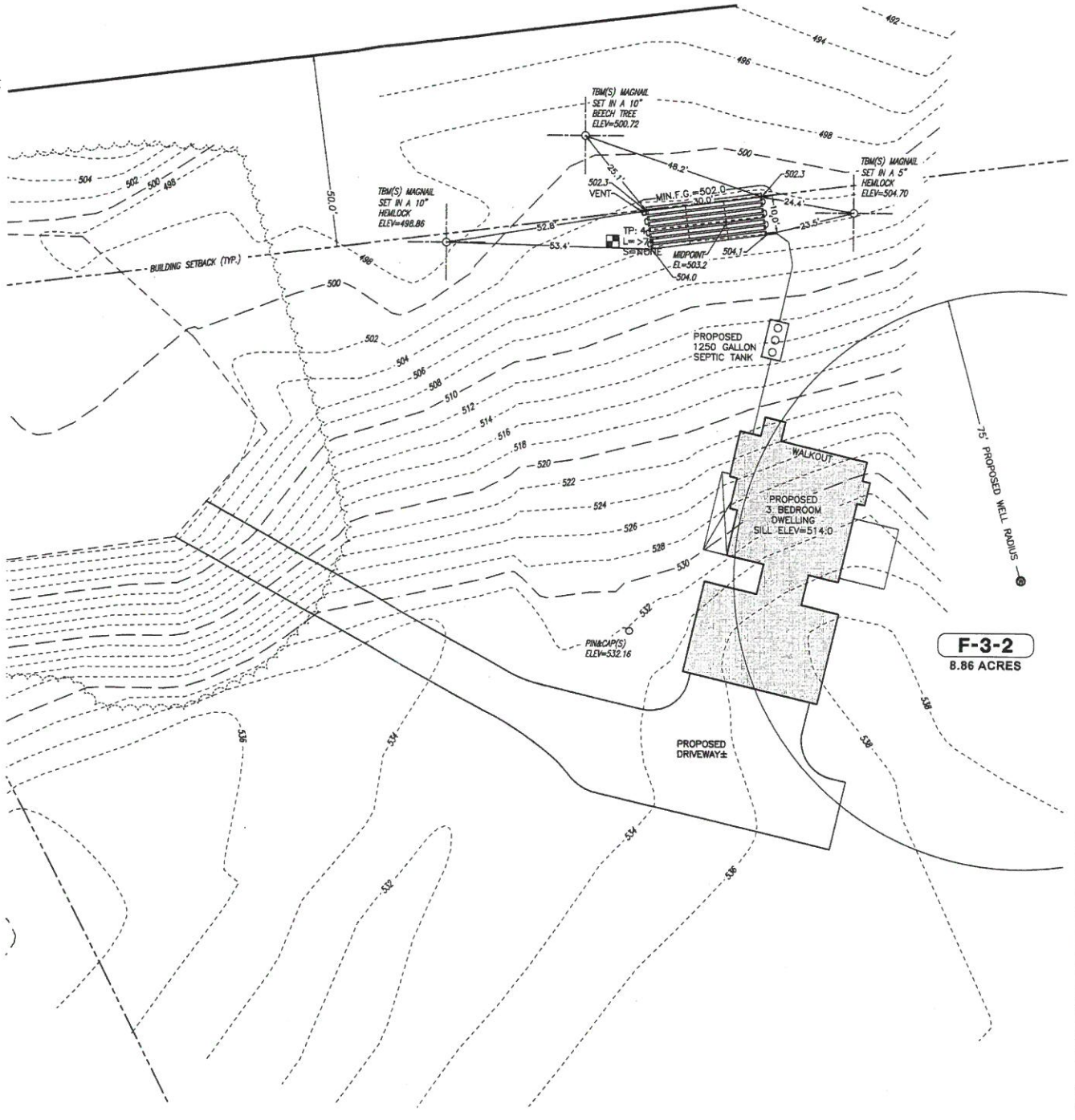
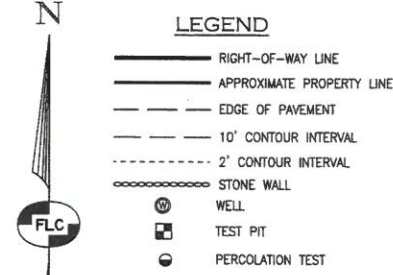


**DESIGN INTENT**  
 SEPTIC LOADING DATA  
 3 BEDROOM HOUSE AT 2 MIN. PER INCH REQUIRES 210 LINEAR FEET OF ENVIRO-SEPTIC LARGE DIAMETER LEACHING PIPE  
 PROPOSED ARE 7 ROWS OF 30 LINEAR FEET EACH OR 280 TOTAL LINEAR FEET.  
 SOIL DATA - COLTON LOAMY SAND, 15-35% SLOPES  
 DESIGN INTENT  
 DUE TO SHWT AT >74" THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 500.0 ELEVATION. THIS IS APPROXIMATELY 4.1' 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 # > 5 ACRES  
 PREVIOUS CONST. APPROVAL #  
 DEED REFERENCE: HILLSBOROUGH COUNTY BOOK/PAGE #9186/2436

-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 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.

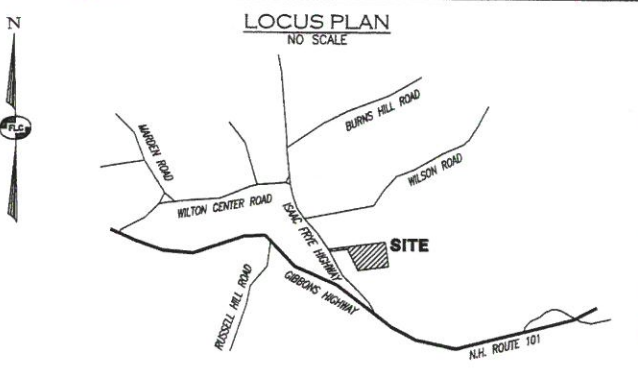
ANY DISCREPANCIES, CHANGES, SUBSTITUTIONS OR DEVIATIONS FROM THIS PLAN REQUIRES NOTIFICATION OF THE DESIGNER. USE OF THIS PLAN FOR ANY PURPOSE OTHER THAN THE CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM SHALL BE AT THE USER'S RISK.

- NOTES**
- THIS IS NOT A PROPERTY LINE SURVEY. ALL PROPERTY LINES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - THERE ARE NO POORLY DRAINED WETLANDS WITHIN 75 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 INFILTRATING SOILS.
  - 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.
  - SEPTIC TANK MAY HAVE A FILTER INSTALLED IN THE OUTLET SIDE OF THE TANK IF DESIRED IF ALARM IS INSTALLED.
  - 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)3.
- ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS ARE APPROVED BY NHDES AS AN ITA IN ACCORDANCE WITH SECTION ENV-WQ 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.



**TEST PIT DATA**  
 6/13/19

9"	10 YR 3/3 DARK BROWN LOAM, GRANULAR, FRABLE	ROOTS	16"
20"	2.5 Y 5/6 LIGHT OLIVE BROWN LOAMY FINE SAND, WEAK BLOCKY, FRABLE	E.S.H.W.T.	>74"
74"	2.5 Y 6/4 LIGHT YELLOWISH BROWN LOAMY FINE SAND, WEAK BLOCKY, FRABLE	WATER	NONE
		HARDPAN	NONE
		LEDGE	NONE
		PERC. TEST	2 MIN./IN. AT .28"
		DATE	6/13/19



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

**NEW HAMPSHIRE**  
 Designer of Subsurface Disposal Systems  
 Kenneth M. Robinson  
 No. 1886  
 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

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