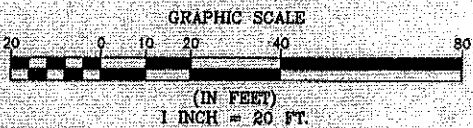
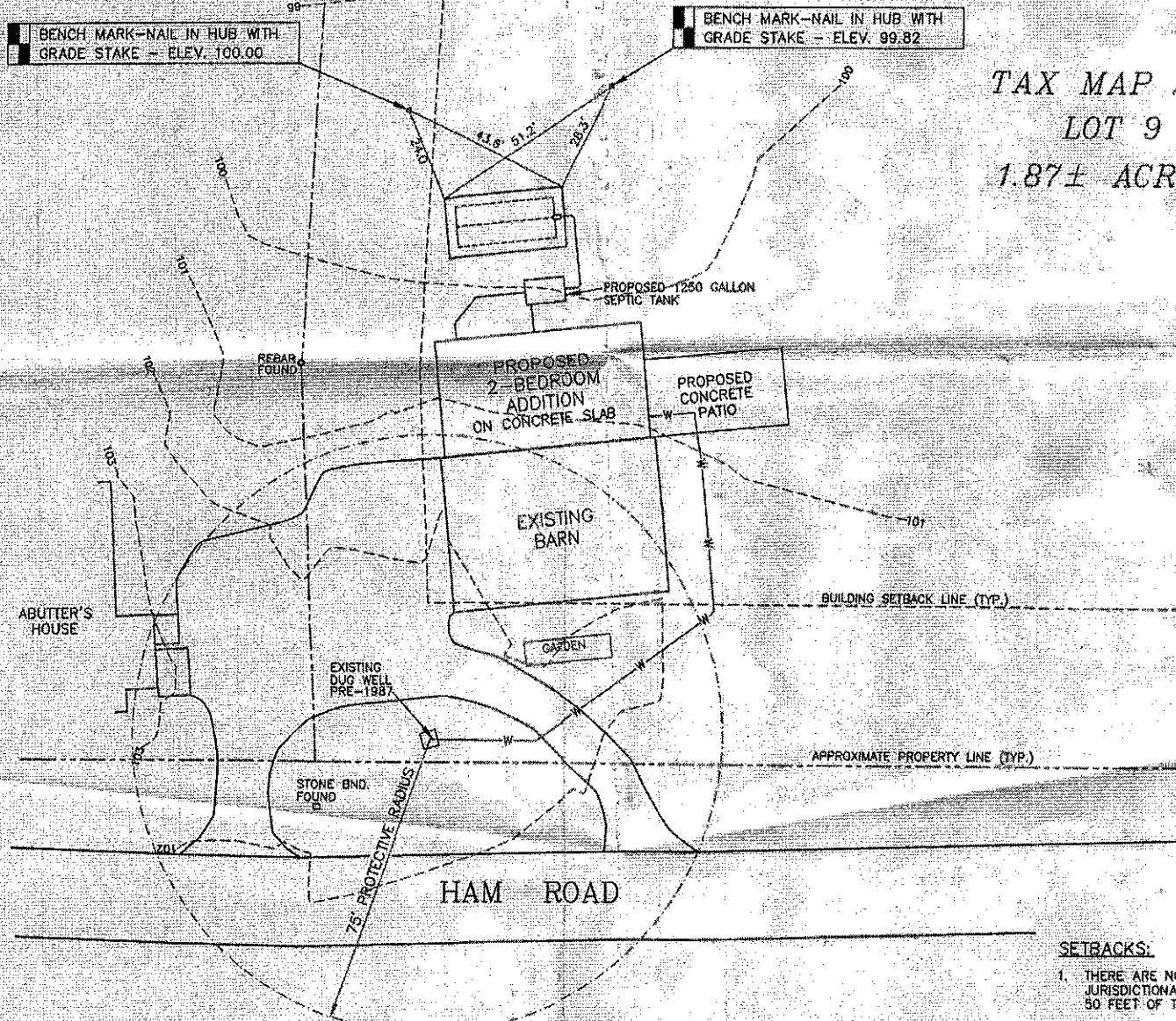


TEST PIT LOG 9/2/2022

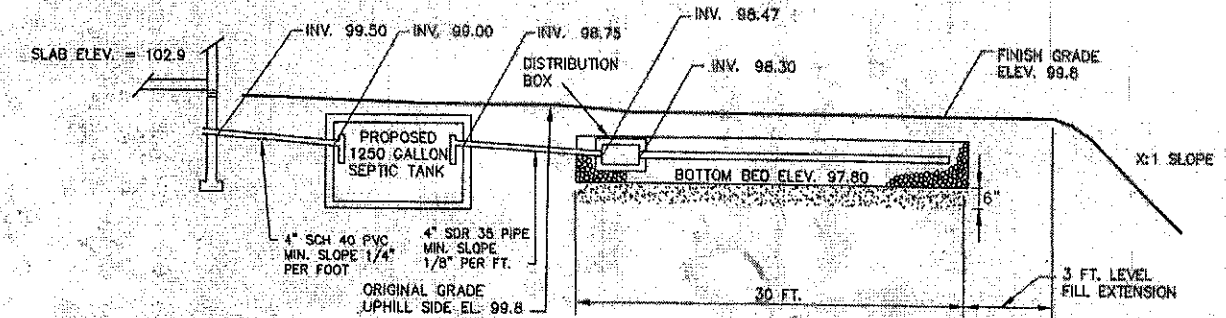
TOPSOIL	3"
10 YR 6/8 FINE TO MEDIUM SAND, VERY FRABLE GRANULAR	20"
FRABLE GRANULAR 2.5 YR 5/8 FINE SANDY LOAM	34"
7.5 YR 6/8 FINE TO MEDIUM SAND, VERY FRABLE GRANULAR	73"
NO REFUSAL	
NO ROOTING	
NO OBSERVED WATER ROOTS TO 20"	
EST. SHRT @ GREATER THAN 23"	

ATTENTION CONTRACTOR:
 CONSULT DESIGNER AT (603) 858-6688 IF WELL, HOUSE OR SEPTIC TANK LOCATIONS ARE TO BE CHANGED OR IF ANY REFERENCES OR ELEVATIONS DO NOT APPEAR TO BE CORRECT. BEWARE, IF PLANS DO NOT HAVE AN APPROVAL NUMBER, THEY MAY NOT BE THE APPROVED PLANS.



SITE PLAN
 SCALE: 1" = 20'

- SETBACKS:**
- THERE ARE NO POORLY DRAINED JURISDICTIONAL WETLANDS WITHIN 50 FEET OF THE PROPOSED BED.
 - THERE ARE NO VERY POORLY DRAINED JURISDICTIONAL WETLANDS WITHIN 75 FEET OF THE PROPOSED BED.
 - THE SEPTIC TANK SHALL BE A MINIMUM OF 5 FEET FROM THE FOUNDATION.

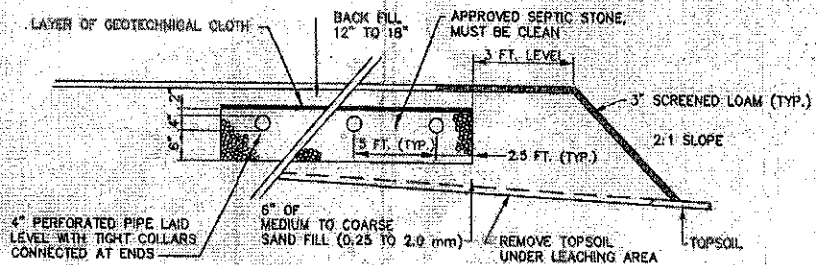


AS PER ENV. NO. 1010.07, INLET AND OUTLET BAFFLES SHALL BE INSTALLED IN THE SEPTIC TANK. THE OUTLET BAFFLE SHALL BE INTO 40X OF THE LIQUID DEPTH. THE INLET BAFFLE SHALL BE AT LEAST 8-INCHES BUT NO MORE THAN THE OUTLET BAFFLE INTO THE LIQUID DEPTH.

INSTALLER SHALL USE WASHED CONCRETE SAND OR MEDIUM TO COARSE SAND, WITH AN EFFECTIVE SIZE OF 0.25 TO 2.0 mm, NO GREATER THAN 5% PASSING THE #200 SIEVE, AND NO PARTICLES GREATER THAN 3/4 INCH OR MEETS ASTM C-33 SPECIFICATIONS.

ALL THE CONNECTIONS BETWEEN A SEPTIC TANK AND THE PIPES LEADING TO AND EXISTING FROM THE SEPTIC TANK SHALL BE SEALED WITH A WATER-TIGHT, FLEXIBLE JOINT CONNECTOR.

HYDRAULIC PROFILE
 NOT TO SCALE



LEACHING BED SECTION
 NOT TO SCALE

ALL PIPING BEYOND THE SEPTIC TANK SHALL BE SDR 35 OR EQUIVALENT.

THERE ARE NO GRAVES OR CEMETERIES ON THIS PROPERTY

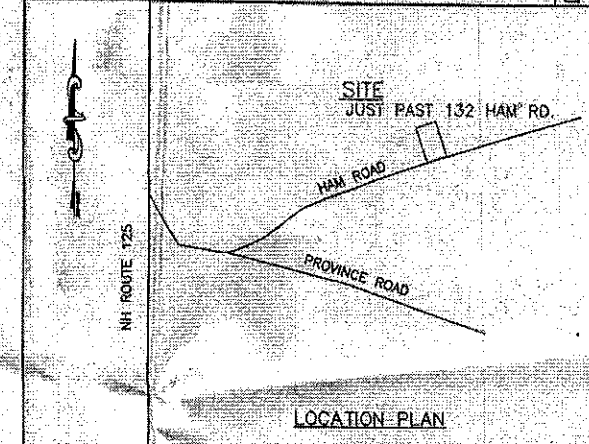
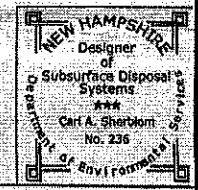
DESIGN DATA:

- NUMBER OF BEDROOMS: 2
- PERC RATE: @ 4 MIN./INCH @ 34"
- LEACH BED AREA REQUIRED: 425 SQ. FT.
- LEACH BED AREA PROVIDED: 15' x 30' = 450 SQ. FT.
- DESIGN INTENT: THE BOTTOM OF THE BED SHALL BE CONSTRUCTED AT 97.80 ELEVATION AND THE ELEVATION OF THE HIGH CONTOUR OF THE DESIGNED BED IS APPROXIMATELY 2.00 FT. BELOW EXISTING GROUND LEVEL.

NOTES:

- THIS PLAN IS NOT A BOUNDARY SURVEY.
- FOUNDATION DRAINS WILL NOT BE USED.
- SOIL TYPE: SOIL TYPE: W4B, SHT. 27, WINDSOR LOAMY SAND
- THERE ARE NO SURFACE WATERS, HOUSES, OR SEPTIC SYSTEMS WITHIN 75 FEET OF THE PROPOSED SYSTEM, AND NO WELLS WITHIN 100' OF SYSTEM UNLESS SHOWN ON THE PLAN.
- THE SEPTIC TANK AND DISTRIBUTION BOX SHALL BE BY A J. FOSS CO. OR EQUAL.
- IN CASE OF FAILURE, A REPLACEMENT SYSTEM WOULD BE BEST REBUILT IN PLACE.
- PIPE PENETRATIONS SHALL BE SEALED WITH HYDRAULIC CEMENT (WATER PLUG).
- THIS SEPTIC SYSTEM IS NOT DESIGNED FOR A WATER SOFTENER, A GARBAGE GRINDER, WHIRLPOOLS AND HOT TUBS, NOR LEAKY PLUMBING FIXTURES OR USING THE FIXTURES AS BLEEDERS TO PREVENT PIPE FREEZING IN THE WINTER.
- THIS SEPTIC TANK SHOULD BE INSPECTED EVERY TWO YEARS AND PUMPED WHEN SOLIDS AND SLUDGE COMBINED IS 25% OF THE TANK LIQUID DEPTH.

TAX MAP 251, LOT 9
 APPROVAL NO. eCA2022092208



SEWAGE DISPOSAL SYSTEM DESIGN
 for
TYLER and KATHRYN RAND
 for land located in
BARRINGTON

DESIGNER: CARL SHERBLOM, 67 MOUNTAIN ROAD, PITTSFIELD, NH
 DATE: SEPTEMBER 20, 2022 FOR REVIEW BY STATE