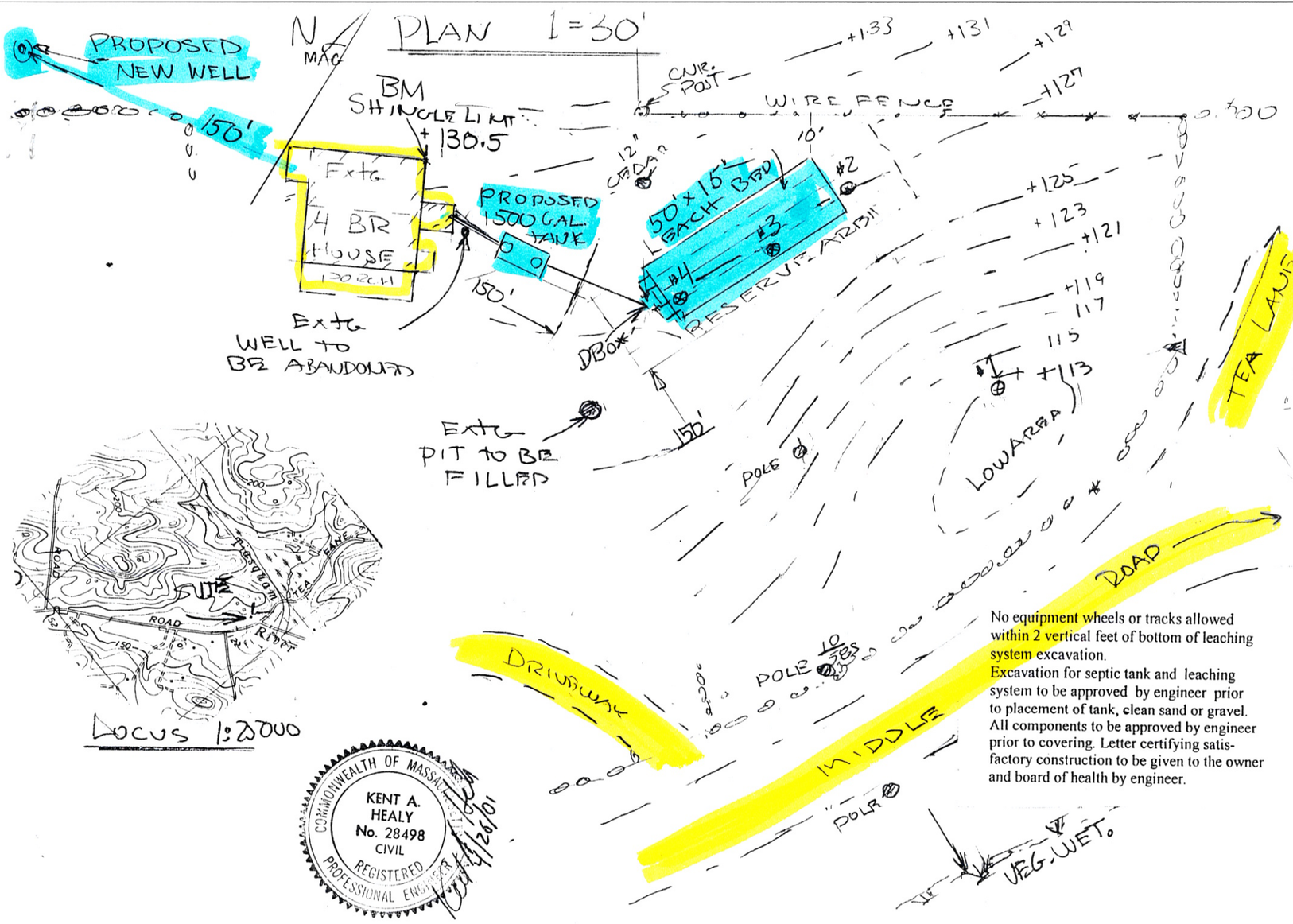
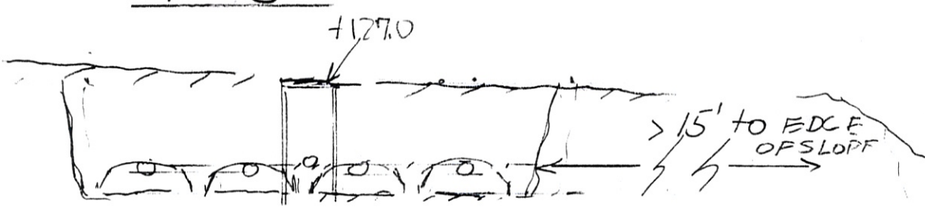


No equipment wheels or tracks allowed within 2 vertical feet of bottom of leaching system excavation.
Excavation for septic tank and leaching system to be approved by engineer prior to placement of tank, clean sand or gravel. All components to be approved by engineer prior to covering. Letter certifying satisfactory construction to be given to the owner and board of health by engineer.

COMMONWEALTH OF MASSACHUSETTS
KENT A. HEALY
No. 28498
CIVIL
REGISTERED PROFESSIONAL ENGINEER
4/26/01

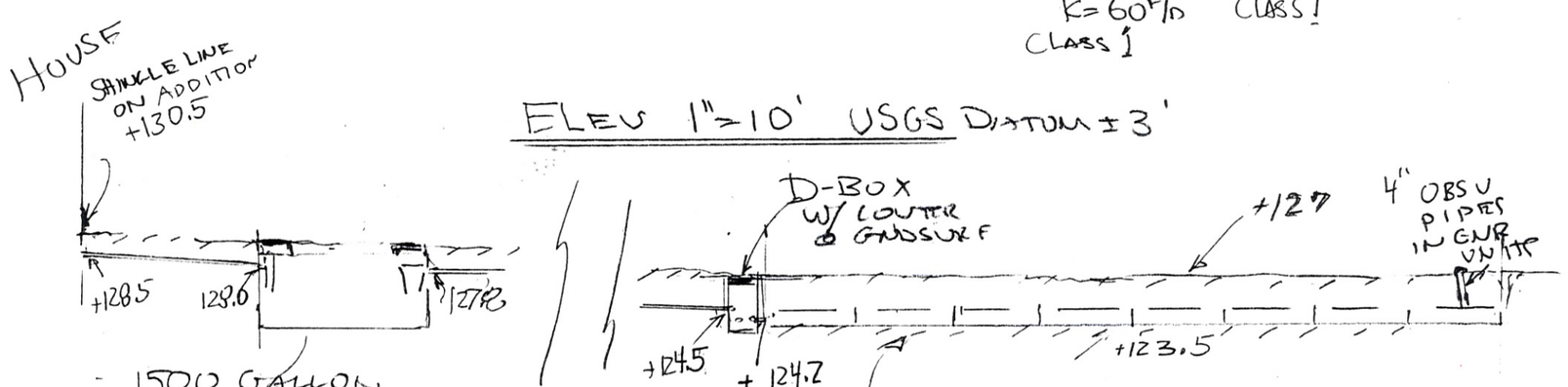
LEACH BED X-SECTION
1" = 5



TESTHOLES w/ S. HOLMAN 4/17/01

#1	#2	#3	#4
0-1'A	0-1'A	0-1A	0-1'A
1-2'B	1-2' B	1-2'B	1-2' B
2-6' SAND	2-3 C1	2-3' C1	2-3' C1
GWT@6'	3-4' F-C SAND	3-10' DRY F-MED SAND K=80 F/D	3-9' DRY F-MED SAND
	4'-10' DRY FINE-MED SAND K=60 F/D CLASS 1	CLASS 1	

ELEV 1"=10' USGS DATUM ± 3'



- 1500 GALLON SEPTIC TANK W/ INLET TEE AND ZABEL A-100 FILTER

50'x15'x3½' EXCAVATION FOR 4x8 STND H-20 INFILTRATOR UNIT ON NATURAL FINE-MED SAND BACKFILLED WITH EXCAVATED SAND

DESIGN DATA

1. 4 BEDROOMS – 440 GPD
2. 1500 GAL. SEPTIC TANK W/ ZABEL A-100 FILTER
3. 4x8 STND H-20 INFILTRATOR UNITS ON CLASS 1 SOIL

$4 \times 8 \times 18.75\ Ft^2 \times 0.74\ GPD/Ft^2 = 444\ GPD$

UPGRADE OF WASTE WATER TREATMENT SYSTEM FOR VIRGINIA SILVA ESTATE
LOT 4 MAP 12 MIDDLE RD
CHILMARK, MASS.

KENT A. HEALY 4/26/01
WESTTISBURY MA
PE MASS # 28496