

1. All work in accordance with current Title V Mass. Environmental Code and Town Board of Health rules and regulations.

11. Estimated high groundwater table by modulus:
768 sq. ft. x 0.60 GPD/SF = 460 GPD > 440 GPD REQ'D
= 33" deep in TP #1 OR ELEVATION 37.35'
12. Mark all system components with magnetic tape.
13. The locus is not located in a Zone II well protection district.

DATE February 15, 2008		TIME 9 am
CHARGE NO.	TP #1	TP #2
WELL NO.	WELL CUMULATIVE	
DEPTH OF REAC	FATHS 80'	
STANT PRESS-ROCK		
END PRESS-ROCK		
TIME AT 12"		
TIME AT 4"		
TIME AT 6"		
TIME AT 8"		
TIME AT 9"		
TIME AT 10"		
TIME AT 11"		
TIME AT 12"		
TIME AT 13"		
TIME AT 14"		
TIME AT 15"		
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TIME AT 90"		
TIME AT 91"		
TIME AT 92"		
TIME AT 93"		
TIME AT 94"		
TIME AT 95"		
TIME AT 96"		
TIME AT 97"		
TIME AT 98"		
TIME AT 99"		
TIME AT 100"		

* A minimum of 1 penetration test must be performed in each the primary and AHD source area.

This Formed ☒ This Fielded ☐

Performed by: Donna Jucker

DATED: 3-1

72% SAND
 21% SILT
 7% CLAY

ELEVATION (FEET)	DEPTH FROM SURFACE (INCHES)	SOIL HORIZON	SOIL TEXTURE (SBS)	SOIL COAR- NESS (GUMMEL)	SOIL MOTTLING	OTHER
4611-3135	0-33	PHL/A	S		6-12"	
3466	33-66	C1	S	2.5 Y 5d	0.75"	10% CLAY/STONES
2947	66-152	C3	LS	10 YR 5d		10% GRAV/STONES

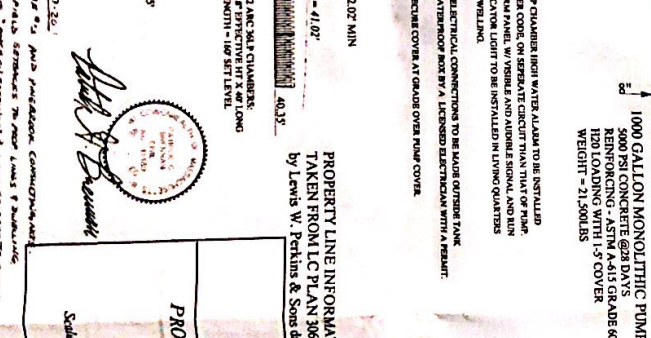
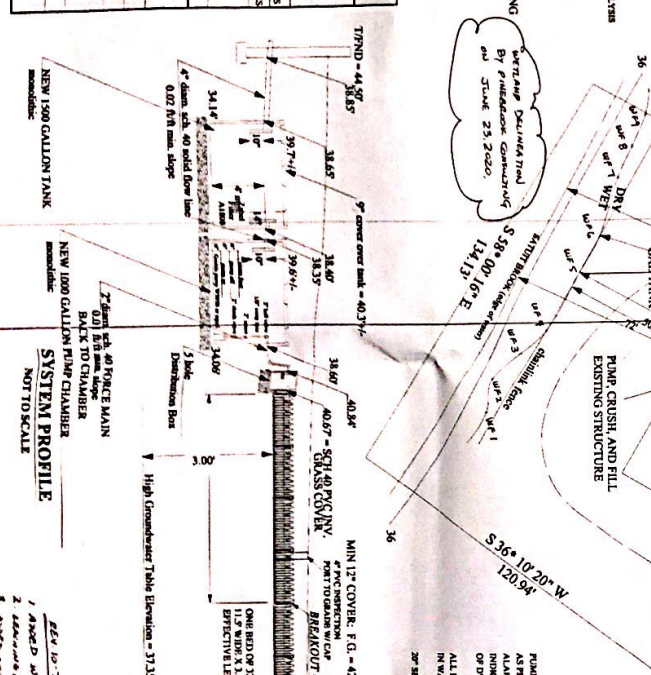
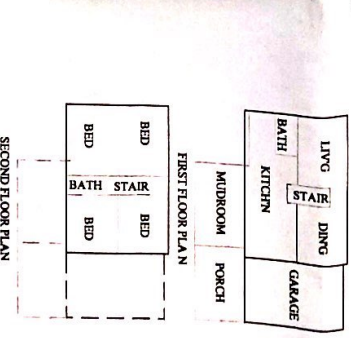
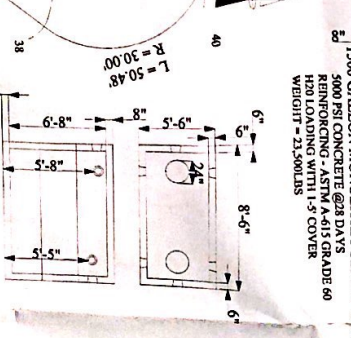
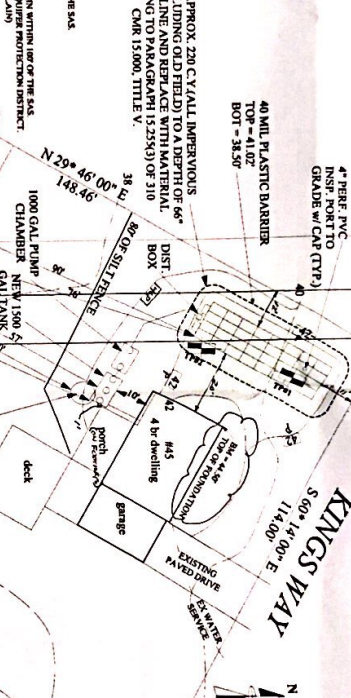
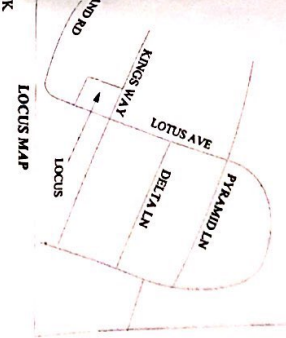
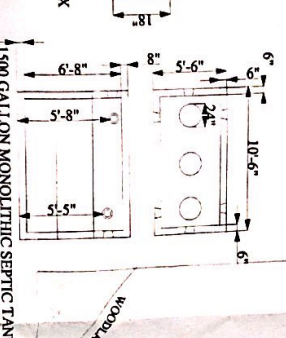
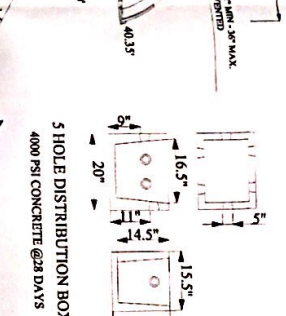
ELEVATION (feet)	DEPTH FROM SURFACE (inches)	SOIL HORIZON	SOIL TEXTURE (CLAY)	SOIL COLOR (MUNSELL)	SOIL SMOULING	OTHER
76.7-78.7	0-18	A	SL	10 YR 7.5/2		
74.9	18-60		SL	2.5 Y 5/4	6-17	
70.2	60-115	C2	LS	10 YR 5/4	10-37	20% GRAVEL

STANDING WATER @ 11" W/TERFAC @ 72"

Observations: 1. Log Penetration 30' - Same as above

Notes: 1. Station 100+00, 100' long

Date: 10/10/00



PUMP COVER: HOT WATER ALARM TO BE INSTALLED AS PER CODE, ON SEPARATE CIRCUIT THAT IS NOT OF ALARM PANEL, W/ VISIBLE AND AUDIBLE SIGNAL, AND RUN INDICATOR LIGHT TO BE INSTALLED IN LIVING QUARTERS OR DOWELING.

ALL ELECTRICAL CONNECTIONS TO BE MADE OUTSIDE TANK IN WATERPROOF BOX BY A LICENSED ELECTRICIAN WITH A PERMIT.

2" SQUARE COVER AT GRADE OVER PUMP COVER.

1000 GALLON MONOLITHIC PUMPS
5000 PSI CONCRETE @28 DAYS
REINFORCING - ASTM A-615 GRADE 60
H2O LOADING WITH 1-5" COVER
WEIGHT = 21,500 LBS

SECOND FLOOR PLAN

100

BED
BATH
BED

H ST

BED		BED
AIR		

FIRST FLOOR PLAN

MUDROOM

APPROVAL:

BATH
KITCHEN

STA

LIVG R DINT

US MAP

Locus

10

STALIN

DEI

AVE
-CAMID LN

Р.Р.

43 Kings Way
 Schmale, MA
 Date: March 13, 2020
 Rev. 01-2-20

CHAMBER

BOUYANT CALCULATIONS FOR SPHERIC TANK:

STANDARD SPHERIC = 317" x 114" x 127"
STANDARD TANK VOLUME = 112.5' x 132' x 134.5'
STANDARD TANK VOLUME = 1,914,000 cu ft
WEIGHT OF WATER DISPLACED = 714,674.02 GAL = 113,110 B
TYPE T TANK DISPLACED = 9.8
TYPE T TANK VOLUME = 1,914,000 cu ft
AVERAGE PRESSURE CALC. = 2.5
AVERAGE PRESSURE CALC. = 2.5
WEIGHT OF SOLID OVER TANK = 18,517,421.12 LBS = 740.5 B
WEIGHT OF SOLID OVER TANK = 740.5 B
SOL. 18,641 B = 131.0 B
SOL. 18,641 B = 131.0 B
NO ADDITIONAL BALLAST NEEDED

BOUYANT CALCULATIONS FOR CONIC CHAMBER:

STANDARD SPHERIC = 317" x 114" x 127"
STANDARD TANK VOLUME = 112.5' x 132' x 134.5'
WEIGHT OF WATER DISPLACED = 1,153,131.02 GAL = 181,910 B
TYPE T TANK DISPLACED = 9.8
TYPE T TANK VOLUME = 1,914,000 cu ft
AVERAGE PRESSURE CALC. = 2.5
AVERAGE PRESSURE CALC. = 2.5
WEIGHT OF SOLID OVER TANK = 18,517,421.12 LBS = 740.5 B
WEIGHT OF SOLID OVER TANK = 740.5 B
SOL. 18,641 B = 131.0 B
SOL. 18,641 B = 131.0 B
NO ADDITIONAL BALLAST NEEDED

FIRST FLOOR PLAN

MUDROOM

PORCH

BED

BED

BED

BED

BATH

STAIR