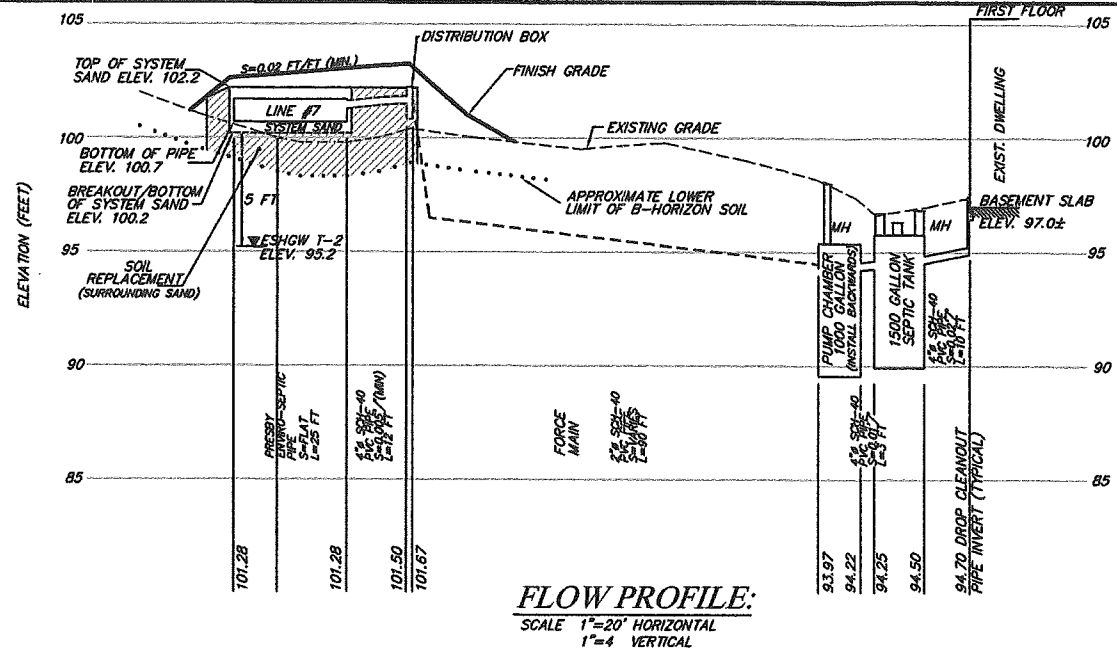


LEGEND:

- EXISTING**
- 100 CONTOURS
 - 100X0 SPOT SHOTS
 - APPROX. PROPERTY LINES
 - WATER SERVICE LINE & WELL
 - GAS GAS SERVICE LINE
 - LIMIT BORDERING VEGETATED WETLAND
 - LIMIT OF 100-FOOT BUFFER ZONE
 - LIMIT OF 75-FOOT BUFFER ZONE
 - LIMIT OF 50-FOOT BUFFER ZONE
 - LIMIT OF 25-FOOT BUFFER ZONE
 - SILTATION BARRIER
 - TEST PIT & NO. PERC TEST BUILDING
 - EDGE OF PAVEMENT
 - EDGE OF SIDEWALK
 - FORCE MAIN
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - DIRECTION OF SURFACE FLOW TO BE ABANDONED TO BE REMOVED
- PROPOSED**
- 100 FG
 - T-1
 - P-1
 - TBA
 - TBR



FLOW PROFILE:
SCALE 1"=20' HORIZONTAL
1"=4' VERTICAL

BENCHMARKS: ASSUMED DATUM	ELEV.
#1 FRONT DOOR THRESHOLD	105.28
#2 TOP OF WELL	103.59
#3	

SOILS INFORMATION:

SOIL EVALUATOR: JAMES SCANLAN, P.E. (SE#2159 - APRIL 1995)
TOWN WITNESS: KENDALL LONGO
DATE: 7/9/15

I CERTIFY THAT I AM CURRENTLY APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION PURSUANT TO 310CMR15.017 TO CONDUCT SOIL EVALUATIONS AND THE ABOVE ANALYSIS HAS BEEN PERFORMED BY ME CONSISTENT WITH THE REQUIRED TRAINING, EXPERTISE AND EXPERIENCE DESCRIBED IN 310CMR15.017. I FURTHER CERTIFY THAT THE RESULTS OF MY SOIL EVALUATION, AS INDICATED IN THE ATTACHED SOIL EVALUATION FORM, ARE ACCURATE AND IN ACCORDANCE WITH 310CMR 15.100 THROUGH 15.107.

SIGNATURE: _____ DATE: _____

SOIL PERCOLATION RATE:
P-1: DEPTH TO 12" = 48" SOIL PERC RATE = <2 MIN/IN

SOIL ELEVATIONS:

TESTPIT	T-1	T-2
GRADE	100.0	100.2
E.S.H.G.W.	93.7	95.2
OBS. G.W.	NONE	NONE
BOTTOM PIT	91.7	91.9

SOIL PROFILES:

T-1:
0-10" A FINE SANDY LOAM 10YR3/3 MASSIVE FRIABLE
10-18" B FINE SANDY LOAM 10YR4/6 MASSIVE FRIABLE
18-76" C1 GRAVELLY LOAMY SAND 2.5Y5/4 SINGLE GRAIN LOOSE
76-100" C2 GRAVELLY LOAMY SAND 7.5Y5/8 CEMENTED IN PLACE ESHGW#76 VERY LARGE BOULDERS

T-2:
0-8" A FINE SANDY LOAM 10YR3/3 MASSIVE FRIABLE
8-15" B FINE SANDY LOAM 10YR4/6 MASSIVE FRIABLE
15-68" C1 GRAVELLY LOAMY SAND 2.5Y5/4 SINGLE GRAIN LOOSE
68-100" C2 GRAVELLY LOAMY SAND 7.5Y5/8 CEMENTED IN PLACE ESHGW#60

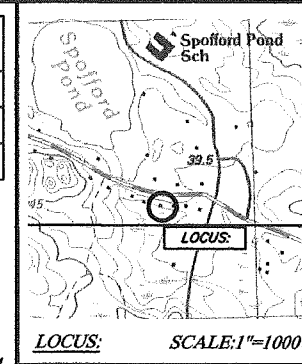
DESIGN CRITERIA:

FACILITY TYPE: SINGLE FAMILY DWELLING	SOILS CLASS: CLASS 1
SIZE: 3 BEDROOMS	SOIL PERC RATE: <5 MIN/INCH
UNIT FLOW RATE: 165* GAL/BED/DAY	LONG TERM ACCEPTANCE RATE: 0.74 GAL/SF/DAY
DAILY FLOW: 495 GAL/DAY	REQUIRED LEACH AREA: (TOWN) 669 SF (STATE) 446 SF
GARBAGE GRINDER: NO	PRESBY: 669 S.F. X 0.6 = 402 S.F. (MINIMUM)
(IF YES SYSTEM DESIGN = 150* DAILY FLOW)	PROVIDED LEACH AREA: 405 SF
SYSTEM DESIGN: 495 GAL/DAY	PRESBY FIELD = 15' X 27' = 405 S.F.

*BOXFORD BOARD OF HEALTH REGULATIONS

VARIANCES/WAIVERS:

TOWN OF BOXFORD REGULATION 201-9(D)	REQUIRED: 150 FT SETBACK BETWEEN WELL AND SAS	PROVIDED: 80 FT+ TO WELL ON SITE 110 FT+ TO ABUTTING WELL
TOWN OF BOXFORD REGULATION 201-9(E)	150 FT SETBACK BETWEEN WETLANDS AND SAS	80 FT+ TO WETLANDS



SUBSURFACE SEWAGE DISPOSAL SYSTEM UPGRADE

314 IPSWICH ROAD
BOXFORD MA

REGISTRY INFORMATION:

DEED: BOOK NO.: 4592
PAGE NO.: 230

ASSESSORS INFORMATION:

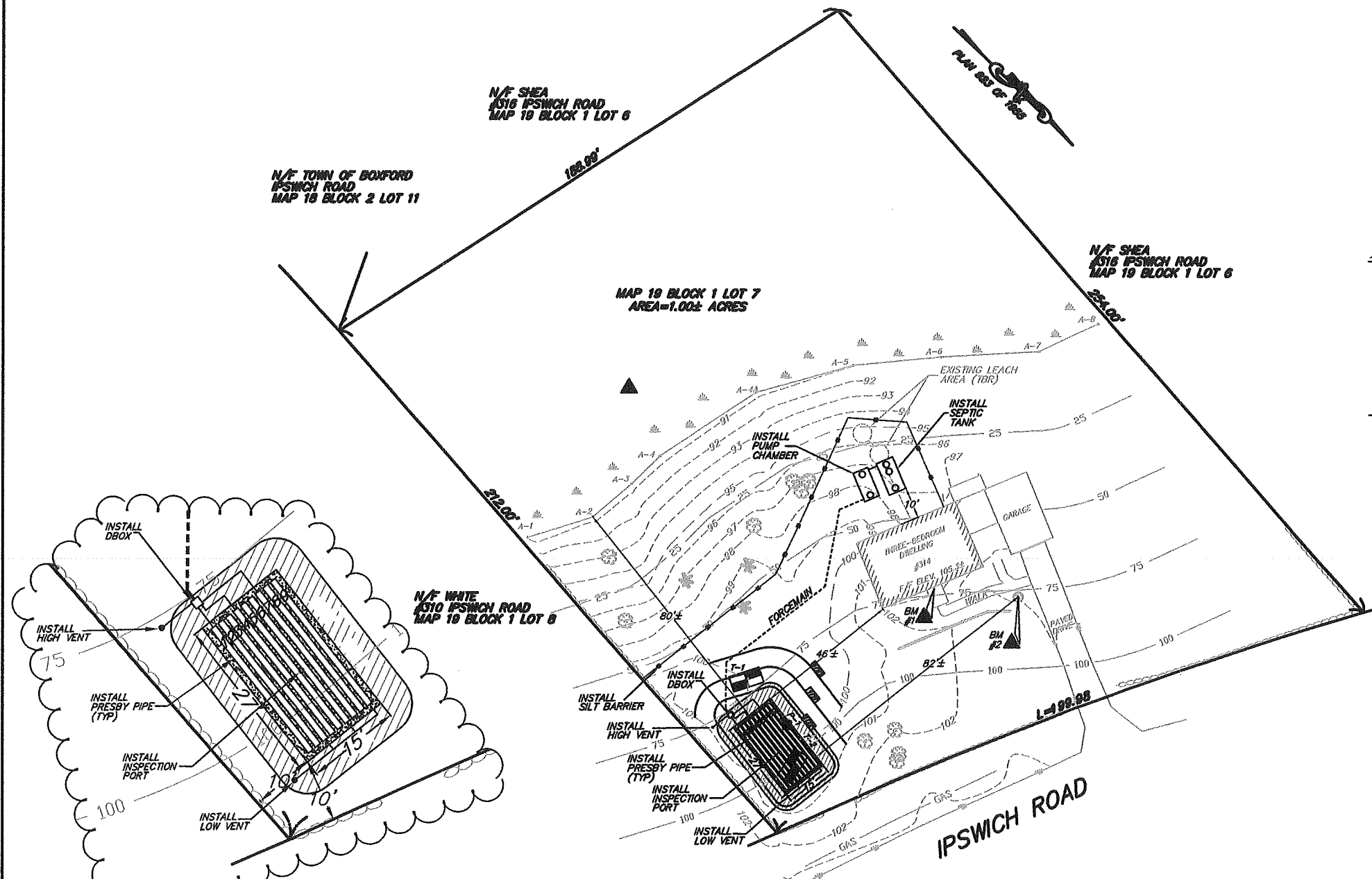
MAP: 19
BLOCK: 1
LOT: 7

PREPARED FOR:

CHARLES HATCH
314 IPSWICH ROAD
BOXFORD MA

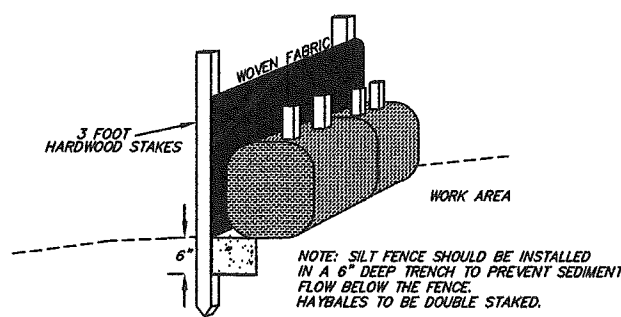


PHONE: (978) 372-3440
FAX: (978) 891-3888
EMAIL: info@scanlanengineering.com
WEB: www.scanlanengineering.com



SYSTEM PLAN:
SCALE 1"=10'

SITE PLAN:
SCALE 1"=20'



HAYBALE/SILT FENCE DETAIL
(NOT TO SCALE)

#	BY	DATE	REVISIONS TO PLANS

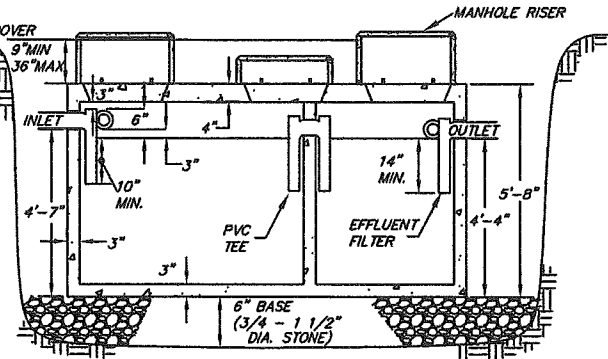
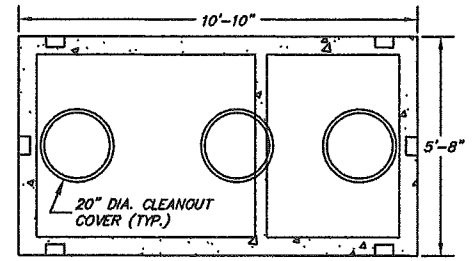
DATE: JULY 28, 2015
DESIGN BY: JBS
DRAWN BY: JBS

SHEET 1 OF 2 SCALE: 1"= 20'

PROJECT # 0680

- 1) FIRST COMPARTMENT: 660 GALLONS
- 2) SECOND COMPARTMENT: 330 GALLONS
- 3) PROVIDED: 2 COMP 1000/500 GALLON MONOLITHIC SEPTIC TANK

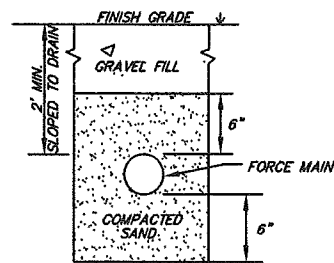
SEPTIC TANK REQUIREMENTS



- NOTES:**
- 1) TANK SHALL BE WATERTIGHT THROUGH MANUFACTURER'S SPECIFICATIONS AND WARRANTY.
 - 2) TANK SHALL BE SET LEVEL AND TRUE TO GRADE ON A LEVEL BASE WHICH HAS BEEN MECHANICALLY COMPACTED.
 - 3) TANK SHALL BE EMBOSSED WITH A SEAL STATING THAT ASTM STANDARD C 1227-93 HAS BEEN MET.
 - 4) THE OUTLET TEE SHALL BE EQUIPPED WITH AN EFFLUENT FILTER, (ZABEL A-1800 OR EQUAL) AND GAS BAFFLE.
 - 5) THE INLET & OUTLET COVERS SHALL HAVE A RISER TO FINISH GRADE. THE CENTER COVER SHALL HAVE A RISER TO WITHIN 6" OF FINISH GRADE.
 - 6) SECURE COVERS TO PREVENT UNAUTHORIZED ACCESS.

1500 GALLON MONOLITHIC SEPTIC TANK

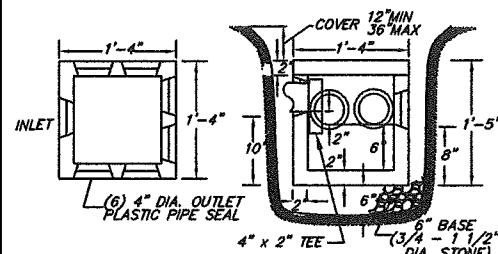
310 CMR 15.223 - 15.228
(NOT TO SCALE)



- 1) TRENCH SHALL BE PLACED IN UNDISTURBED SUBGRADE OR COMPACTED TO 95% PER ASTM D-1557

FORCE MAIN TRENCH

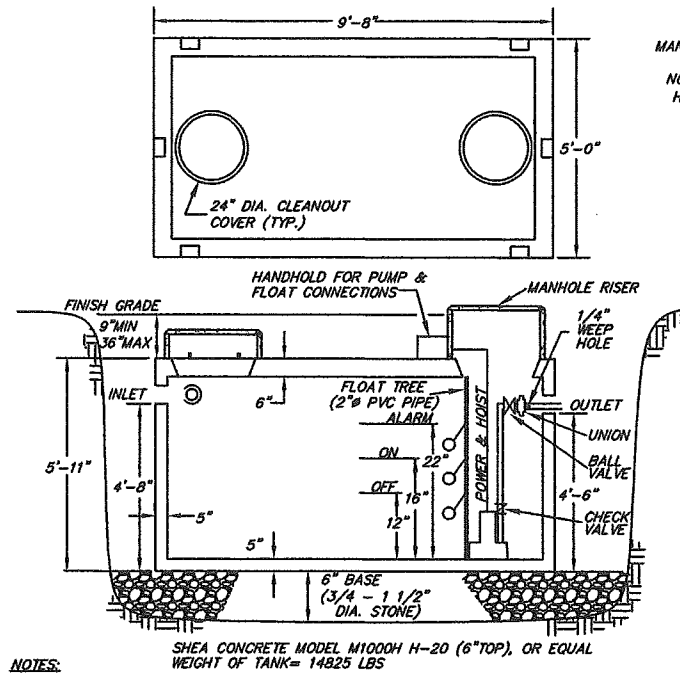
310 CMR 15.221(8)
(NOT TO SCALE)



- 1) DBOX SHALL BE WATERTIGHT THROUGH MANUFACTURER'S SPECIFICATIONS AND WARRANTY.
- 2) SPEED-LEVELLERS SHALL BE INSTALLED IN OUTLET PIPES.
- 3) OUTLET PIPES SHALL BE LEVEL FOR THE FIRST TWO FEET (MIN.).
- 4) OUTLET PIPES SHALL BE CEMENTED TO DBOX USING HYDRAULIC CEMENT

DISTRIBUTION BOX (6-OUTLET)

310 CMR 15.232
(NOT TO SCALE)

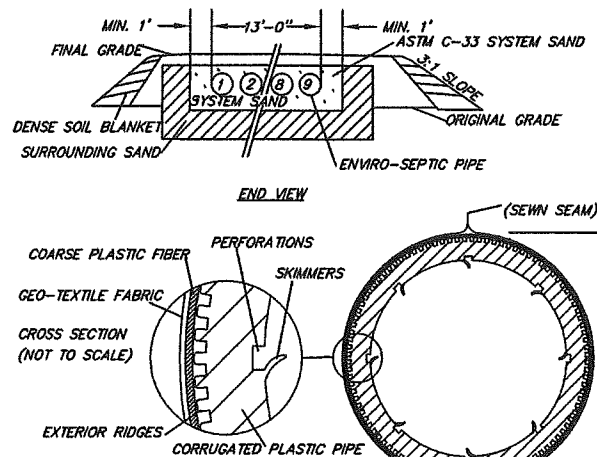


- NOTES:**
- 1) TANK SHALL BE WATERTIGHT THROUGH MANUFACTURER'S SPECIFICATIONS AND WARRANTY.
 - 2) TANK SHALL BE SET LEVEL AND TRUE TO GRADE ON A LEVEL BASE WHICH HAS BEEN MECHANICALLY COMPACTED.
 - 3) TANK SHALL BE EMBOSSED WITH A SEAL STATING THAT ASTM STANDARD C 1227-93 HAS BEEN MET.
 - 4) PUMP SHALL BE ON A SEPARATE CIRCUIT FROM ALARM.
 - 5) ALARM AND PUMP CONTROLS SHALL BE ACCESSIBLE TO LIVING UNIT.
 - 6) PUMP AND FLOAT CONNECTIONS SHALL BE PLACED IN A HANDHOLD ADJACENT TO THE OUTLET MANHOLE RISER.
 - 7) MANHOLE RISERS REQUIRED: WITHIN 6" OF GRADE FOR INLET AND TO-GRADE FOR OUTLET.
 - 8) SECURE COVERS AT-GRADE TO PREVENT UNAUTHORIZED ACCESS.

1000 GALLON MONOLITHIC PUMP CHAMBER

310 CMR 15.231
(NOT TO SCALE)

BUOYANCY CALCULATIONS:		1500 GALLON SEPTIC TANK 2-COMPARTMENT TANK	1000 GALLON MONOLITHIC 1-COMPARTMENT TANK
FINISH GRADE	96.80	96.80	96.00
MAN-HOLE GRADE	96.80	96.00	96.00
ESHW	93.70	93.70	93.70
INLET INVERT	94.60	94.22	94.22
TOP	95.69	95.47	95.47
BOTTOM	89.92	89.55	89.55
BALLAST WEIGHT	0 LBS	0 LBS	0 LBS
WEIGHT OF SOILS	7337 LBS	12582 LBS	12582 LBS
WEIGHT OF TANK	11641 LBS	14825 LBS	14825 LBS
WEIGHT OF DISPLACED WATER	14484 LBS	12521 LBS	12521 LBS
NET FORCES**:	4494 LBS	14886 LBS	14886 LBS
FACTOR OF SAFETY:	1.31	2.19	2.19

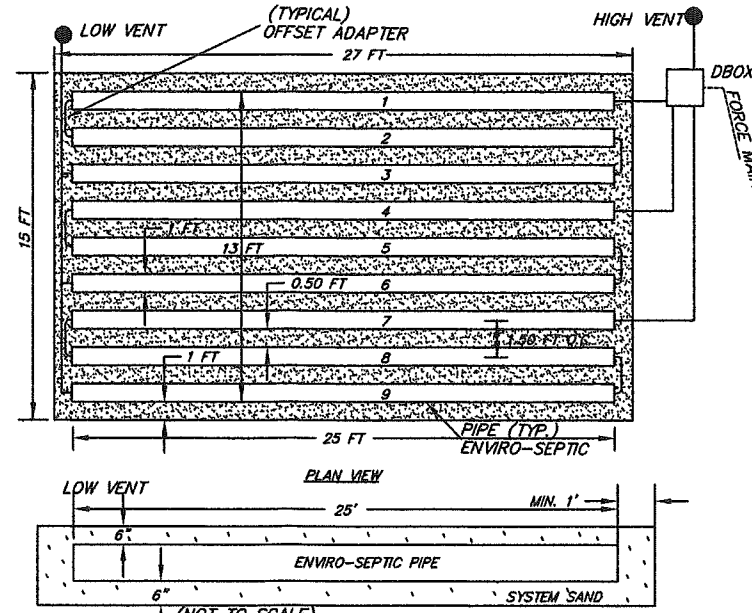
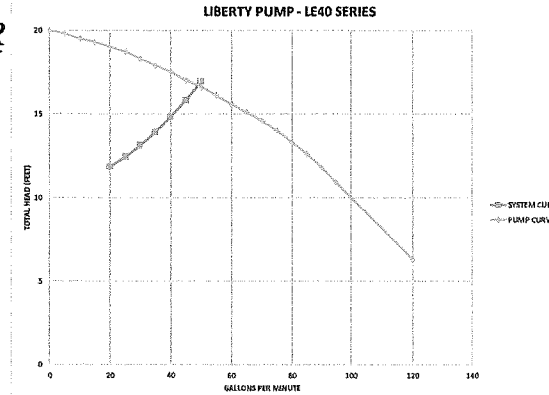


- ENVIRO-SEPTIC US PATENTS 5,934,451; 5,606,786
CANADIAN PATENT 2,185,087; OTHER PATENTS PENDING
- ENVIRO-SEPTIC PIPE REQUIRED: 225 LINEAR FEET
 - ENVIRO-SEPTIC PIPE PROVIDED: 225 LINEAR FEET
 - INSTALL 9 LINES OF ENVIRO-SEPTIC PIPE 25' LONG
 - PIPE SPACING 1.5 FT ON CENTER
 - OFFSET ADAPTERS MUST BE POSITIONED AT 12 O'CLOCK

PRESBY ENVIRO-SEPTIC® LEACH FIELD DETAIL:

310 CMR 15.252

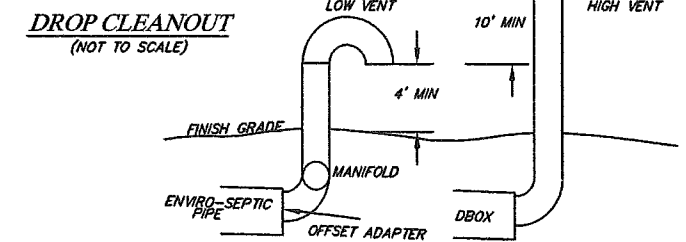
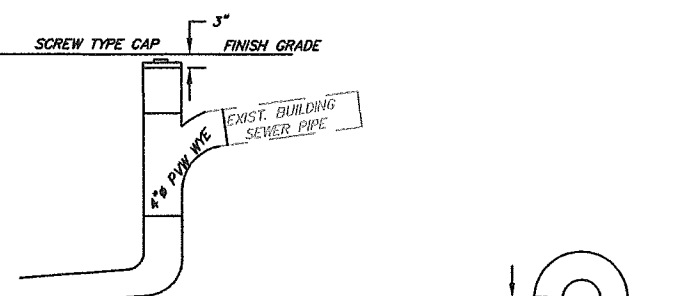
PUMP SPECIFICATIONS:		PUMP ACCESSORIES:	
MANUFACTURER: LIBERTY PUMPS	CONTROL PANEL: LIBERTY SXL24=3	ALARM: INCLUDED	ALARM: INCLUDED
MODEL #: LE41M	ALARM: VISUAL & AUDIBLE	ALARM: VISUAL & AUDIBLE	ALARM: VISUAL & AUDIBLE
NO. REQUIRED: ONE (1)	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
HORSEPOWER: 0.4	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
PHASE: 1	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
FULL AMPS: 12	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
DISCHARGE: 2"	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
DAILY FLOW: 330 GALLONS/DAY	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
SOIL PERC RATE: 2 MIN/IN	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
SOIL TYPE: Class I	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
VOLUME/DOSE: DOSE 4 DOSES/DAY	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
PIPE: 14.7 GALLONS	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
TOTAL: 97.2 GALLONS/DAY	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
FORCE MAIN: 2 DIA.	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
PUMP CHAMBER: (INSIDE DIMENSIONS)	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
LENGTH: 8.83 FT	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
WIDTH: 4.17 FT	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
EFF. DEPTH: 4.25 FT	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
INLET INVERT: 94.22	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
SUMP: 89.97	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
OFF: 90.97	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
ON: 91.30	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
ALARM: 91.80	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
STATIC HEAD: 90.97 PUMP OFF	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
101.67 DBOX	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
HEAD: 10.70 FEET	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
EQUIVALENT LENGTH: (2" SCH-40 PVC PIPE)	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
PUMP CHAMBER: 1 90 DEGREE BENDS 5	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
1 GATE VALVE 1.2	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
1 CHECK VALVE 14	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
TOTAL: 20.2	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
PIPE RUN: 2 90 DEGREE BENDS 10	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
5 45 DEGREE BENDS 12.5	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
1 CHECK VALVE 14	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
LENGTH OF PIPE: 90	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
ADDITIONAL LENGTH: 9	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
TOTAL: 135.5	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
SYSTEM CURVE:	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
Q GPM	V FT/SEC	HYD/100 FT	HF FT
20	1.80	0.73	1.14
25	2.25	1.10	1.72
30	2.71	1.54	2.41
35	3.16	2.05	3.21
40	3.61	2.62	4.11
45	4.06	3.26	5.12
50	4.51	3.96	6.22
OPERATING POINT:	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
HEAD: 18.7 FT	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
FLOW RATE: 49 GPM	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3
TIME ON: 1.9 MINUTES	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3	ALARM: NO. REQUIRED: 3



- NOTES:**
- TOPSOIL AND ORGANIC MATERIAL TO BE REMOVED FROM DISPOSAL AREA PRIOR TO PLACING SAND OR FILL.
 - FINAL GRADING TO SHED SURFACE WATER AWAY FROM SYSTEM COMPONENTS.
 - MIN 10" / MAX 18" COVER OVER ENVIRO-SEPTIC PIPE

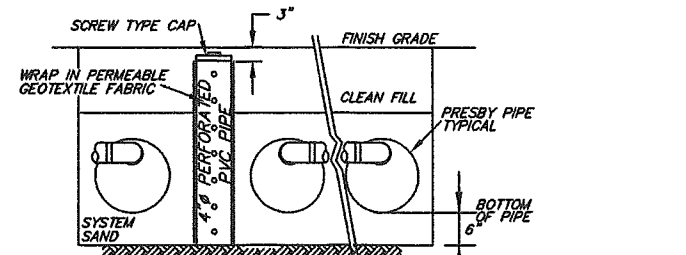
NOTES:

1. THIS PLAN IS INTENDED ONLY FOR THE CONSTRUCTION OF A SEPTIC SYSTEM TO SERVE THE SITE. NO OTHER USE OF THIS PLAN IS AUTHORIZED. PROPERTY LINES SHOWN HERE-ON ARE APPROXIMATE AND INTENDED ONLY TO SHOW THAT MINIMUM SETBACKS HAVE BEEN MET. NO BOUNDARY SURVEY WAS PERFORMED IN PREPARATION OF THIS PLAN.
2. CONTRACTOR SHALL NOTIFY DCSAFE AT 1-888-DIG-SAFE (888-233-7233) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION.
3. CONTRACTOR SHALL MAKE THEMSELVES AWARE OF ALL CONSTRUCTION REQUIREMENTS ASSOCIATED WITH THE JOB.
4. ANY AND ALL REVISIONS TO THE APPROVED PLAN SHALL BE APPROVED BY THE DESIGN ENGINEER AND THE APPROPRIATE TOWN REPRESENTATIVE.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROJECT WITH RESPECT TO SAFETY METHODS, CONSTRUCTION METHODS AND SUPERVISION OF WORKERS.
6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR THE PROJECT, AND SHALL BE A LICENSED SEPTIC INSTALLER, IN THE TOWN IN WHICH THE SEPTIC SYSTEM IS BEING INSTALLED.
7. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF BENCHMARKS, PRIOR TO CONSTRUCTION. DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES IN THE BENCHMARK ELEVATIONS.
8. CONTRACTOR SHALL CONFIRM THAT THE DESIGN PLAN DETAILS ARE CONSISTENT WITH THE CURRENT MANUFACTURER'S SPECIFICATIONS.
9. APPROVAL OF THE SEPTIC DESIGN, ISSUANCE OF A DISPOSAL SYSTEM CONSTRUCTION PERMIT AND ISSUANCE OF THE CERTIFICATE OF COMPLIANCE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SEPTIC SYSTEM WILL FUNCTION SATISFACTORILY.
10. BACKWASH FROM A WATER SOFTENER SHALL NOT BE DISCHARGED INTO A SEPTIC SYSTEM.
11. ALL WORK SHALL COMPLY WITH 310CMR15.000 AND LOCAL BOARD OF HEALTH REGULATION, UNLESS VARIANCES/WAIVERS HAVE BEEN APPROVED.
12. ALL WORK OUTSIDE OF THE BUILDING THAT IS LESS THAN 10 FEET FROM THE OUTSIDE FACE OF THE OF THE BUILDING, SHALL CONFORM TO 248CMR2.00, THE STATE PLUMBING CODE.
13. ALL SEPTIC SYSTEM COMPONENTS ARE GREATER THAN 400 FEET FROM SURFACE WATER SUPPLIES AND GREATER THAN 200 FEET FROM ANY TRIBUTARY TO A SURFACE WATER SUPPLY.
14. THERE ARE KNOWN WELLS, SERVING LOCUS, WITHIN 100 FEET OF THE SOIL ABSORPTION SYSTEM.
15. THERE ARE KNOWN WETLANDS WITHIN 100 FEET OF THE SOIL ABSORPTION SYSTEM AND WITHIN 100 FEET OF SEPTIC COMPONENTS.
16. THERE ARE FRESHWATER WETLANDS WITHIN 100 FEET OF THE SEPTIC SYSTEM. THIS PLAN SHALL ACCOMPANY A NOTICE OF INTENT FILED WITH THE LOCAL CONSERVATION COMMISSION AND THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION.
17. WETLAND ON-SITE WERE DELINEATED BY JULIE VONDRAK, JULY 21, 2015.
18. SITE COMPLIES WITH 310CMR15.214: NITROGEN LOADING LIMITATIONS.
19. CONTRACTOR SHALL REMOVE A & B SOIL HORIZONS AND OTHER DELETERIOUS MATERIAL WITHIN 5 FT OF SOIL ABSORPTION SYSTEM AND REPLACE WITH ASTM C-33 SAND UP TO ELEVATION 102.2.
20. SYSTEM SAND: MEDIUM TO COARSE SAND (ASTM STANDARD: C-33) WITH LESS THAN 2% PASSING A # 200 SIEVE REQUIRED AROUND ENVIRO-SEPTIC PIPES - 6" ABOVE AND 6" BELOW (SEE PRESBY DESIGN AND INSTALLATION MANUAL FOR COMPLETE SAND AND FILL SPECIFICATIONS.)
21. ALL SEPTIC COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
22. COMPONENTS SHALL NOT BE BACKFILLED WITHOUT INSPECTION BY THE BOARD OF HEALTH AND ENGINEER, AND PERMISSION OBTAINED FROM EACH.
23. VEHICULAR TRAFFIC, PARKING OF VEHICLES, STOCKPILING OF MATERIALS AND STORAGE OF EQUIPMENT OVER LEACHING AREA IS PROHIBITED.
24. THE EXISTING SEPTIC SYSTEM SHALL BE EITHER CRUSHED AND FILLED WITH CLEAN FILL, OR REMOVED, AS PER 310CMR15.00.
25. CONTRACTOR SHALL VERIFY THAT THE SEPTIC TANK CAN BE CONNECTED TO THE BUILDING SEWER AS SHOWN, WITH A MINIMUM 2% SLOPE. IF NOT, CONTRACTOR SHALL NOTIFY ENGINEER, IMMEDIATELY.
26. SYSTEM TO BE INSTALLED IN ACCORDANCE WITH PRODUCT DESIGN AND INSTALLATION MANUAL, STATE AND LOCAL REGULATIONS. FOR PRODUCT INFORMATION OR THE NEAREST DEALER CONTACT PRESBY ENVIRONMENTAL, INC. 143 AIRPORT ROAD, WHITEFIELD, NH 03598
PHONE: 1-800-473-5298 WEB: WWW.PRESBYENVIRONMENTAL.COM
27. INSTALLER MUST HAVE BEEN TRAINED AND BE CERTIFIED BY PRESBY ENVIRONMENTAL, INC., AS AN ENVIRO-SEPTIC INSTALLER.
28. APPROVAL OF THE SEPTIC ENVIRO-SEPTIC PIPE REQUIRES A NOTICE DISCLOSING THE EXISTENCE OF THE ALTERNATIVE SEPTIC SYSTEM SUBJECT TO THIS APPROVAL ON THE PROPERTY. THE NOTICE SHALL BE MARGINALLY REFERENCED ON THE DEED, AS PER THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION APPROVAL FOR REMEDIAL USE OF THE PRESBY ENVIRO-SEPTIC PIPE.



- 1) ENDS OF EACH SERIAL LINE SHALL BE CONNECTED TO VENT MANIFOLD.
- 2) VENT PIPE SHALL HAVE A SCREEN TO KEEP ANIMALS OUT
- 3) VENT SHALL BE 4" SCH-40 PVC PIPE
- 4) OWNER SHALL BE CONSULTED REGARDING PLACEMENT OF VENTS.
- 5) INSTALL BOTH LOW & HIGH VENTS.

VENTS:



INSPECTION PORT
310 CMR 15.240(13)
(NOT TO SCALE)

SUBSURFACE SEWAGE DISPOSAL SYSTEM UPGRADE

314 IPSWICH ROAD
BOXFORD MA

REGISTRY INFORMATION:

DEED:
BOOK NO.: 4592
PAGE NO.: 230

ASSESSORS INFORMATION:

MAP: 19
BLOCK: 1
LOT: 7

PREPARED FOR:

CHARLES HATCH
314 IPSWICH ROAD
BOXFORD MA



PHONE: (978) 372-3440
FAX: (978) 891-3888
EMAIL: info@scanlanengineering.com
WEB: www.scanlanengineering.com

BY DATE REVISIONS TO PLANS

DATE: JULY 28, 2015
DESIGN BY: JBS
DRAWN BY: JBS

DETAILS & NOTES

SHEET 2 OF 2 SCALE: 1" = 20'
PROJECT # 0680