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Important: When filling out forms on the computer, use only the lab key to move your cursor - do not use the return key.

### Commonwealth of Massachusetts City/Town of

## **Certificate of Compliance**

Form 3

DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

the local Board of Health to determine the form the	ey use.	
This is to Certify that the following work on an On	-Sile Sewage Dispos	sal System
☐ Construction of a new system ☐ Repair or replacement of an existing system ☐ Repair or replacement of an existing system or	omponent	
Has been done in accordance with Title 5 and the	Disposal System Co	
DSCP Number  PONAND DAVID	DSCP Dale	
Facility Owner  11 INDIAN PIPE LANE		
Street Address or Lot# AMHERST	MA	01002
City/Town Designer Information;	State	Zip Code
ALAN WEISS, ES	COLD SPET	No ENTRONMENTAL
Signature	Dale	~
installer Information:	14	
Name Excavano	Name of Company	,
Signalure A Couf	8/27/3	2013
Use of this system is conditioned on compliance w	ith the provisions set	forth below:
	· · · · · · · · · · · · · · · · · · ·	- XIII
The issuance of this certificate shall not be construited designed.  AMHELST HEAUTU DEPT.  Approving Authority	ed as a guarantee lh	nal the system will function as
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IG & HEA	DESCRIPTION OF WORK	Sertican		QTY.											MIS	DESC				STATE OF STREET
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1105	JOB NAME	ADDRESS // In		OTV.						Market Sept.				WORKER	Sign				SIGNATURE	

	FAX	Number of page 2	es including cover sheet:
1	2	FROM	Edmund Smith
	TO RUB ADAIR		Amherst Health Department
			Bangs Community Center
			70 Boltwood Walk
	Phone		Amherst, MA 01002
	Fax Phone 253 - 1519	Phone	(413) 259-3153
		Fax Phone	(413) 259-2404
1		E-Mail	smithe@amherstma.gov
	Date 8.27-2013		** * * * * * * * * * * * * * * * * * *
	REMARKS: Urgent  For your review	v Reply	ASAP Please Comment
	Please sign under Installer Information, and fax (or	scan & email)	it back to me
	Thanks!		
	Edmund Smith Health Inspector Amherst Health Department	fore	9 8/27/13 at nor

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Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return

## Commonwealth of Massachusetts City/Town of

### **Certificate of Compliance**

Form 3

DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

	375	
This is to Certify that the following work on	an On-Site Sewage Dispo	osal System
<ul> <li>☐ Construction of a new system</li> <li>☐ Repair or replacement of an existing sys</li> <li>☐ Repair or replacement of an existing sys</li> </ul>		
Has been done in accordance with Title 5 ar		
13-15	7/9/201	3
DSCP Number	DSCP Date	
Facility Owner  11 1201AU PIPE LANG	•	
Street Address or Lot #		
AMHERST	MA	01002
City/Town	State	Zip Code
Designer Information:		
ALAN WEISS , RS	COLD SPR	ING ENVIRONMENT
Name	Name of Company	
Signature	Date	
Installer Information:		
ADAIR EXCAVATION		
Name	Name of Company	
Signature	Date	
Use of this system is conditioned on complia	ince with the provisions se	et fortif below.
		*
The issuance of this certificate shall not be c	onstrued as a guarantee t	that the system will function a
designed.		
Approving Authority		
Signature	Date	



### Commonwealth of Massachusetts

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

	W. A. STIMLETON SANDAR				
TO SEE SEE	11 INDIAN PIPE LANE				
	Property Address				
0	DAVID				
Owner information is	Owner's Name				
required for every	AMHERST	MASS	01002	JUNE 8, 2013	
page.	City/Town	State	Zip Code	Date of Inspection	
	Inspection results must be s way. Please see completene			ns may not be altered in any	
Important: When filling out forms on the computer,	A. General Informati	on			
use only the tab key to move your	1. Inspector:				
cursor - do not	NICK TORRETTI				
use the return key.	Name of Inspector				
	CLEAN SEPTICS				
100	Company Name				
	P O BOX 394 252	WEST ST			
	Company Address				
return	LUDLOW	1	MASS	01056	
	City/Town	5	State	Zip Code	
	413 583 2138		S I 4496		
	Telephone Number	L	icense Number		
	B. Certification		And the second second		
	I certify that I have personally information reported below is twas performed based on my to sewage disposal systems. I ar Title 5 (310 CMR 15.000). The	true, accurate and complete raining and experience in the maDEP approved system	as of the time e proper funct	e of the inspection. The inspection and maintenance of on site	е
	Passes	☐ Conditionally F	Passes		
	☐ Needs Further Evalua	tion by the Local Approving	Authority		
	Rick D	Tonetti	JUNE 8 201	3	

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Health or DEP) within 30 days of completing this inspection. If the system is a shared system or has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the DEP. The original should be sent to the system owner and copies sent to the buyer, if applicable, and the approving authority.

JUNE 8, 2013

\*\*\*\*This report only describes conditions at the time of inspection and under the conditions of use at that time. This inspection does not address how the system will perform in the future under the same or different conditions of use.

Inspector's Signature

1 4 . . . 1



### **Commonwealth of Massachusetts**

11	INDIAN PIF	E LANE						
Pro	perty Address							
_	VID							
	ner's Name							
_	IHERST			MASS	01002		8, 2013	
	Town			State	Zip Code	Date of In	spection	
B.		Summary: (	ont.) Check A,B,C,D or	E / <b>always</b> c	omplete all of	Section D		
A)	System Pa		ny information which	ch indicates t	hat any of the	failure crite	ria described	
	in 310		3 or in 310 CMR 1					
	Comments	): :						
			***************************************					
B)	System Co	onditionally	Passes:					
	replace						ction need to be epair, as approved b	у
		box for "yes d," please ex	", "no" or "not dete plain.	rmined" (Y, N	I, ND) for the	following sta	atements. If "not	
	unsound, e	exhibits subs	stantial infiltration of	r exfiltration	or tank failure	is imminent	al or not) is structura System will pass red by the Board of	ally
			rill pass inspection that the tank is les				nd if a Certificate of	
	□ Y	□N	☐ ND (Exp	lain below):				
							<u> </u>	
	*							



### Commonwealth of Massachusetts

-		IAN PIP	E LANE						
		Address							
DA	_								
		Name			0.46				
AMI City/				MASS State	010 Zin (	Code	JUNE	8, 2013 nspection	
			4.	State	Zip	Code	Date of I	rispection	
В.	CE	ertitic	ation (cont.)						
	B)	Systen	n Conditionally Passes (cont.):						
		to broke	ration of sewage backup or breaken or obstructed pipe(s) or due to spection if (with approval of Boar	o a broke	en, settl				
			broken pipe(s) are replaced		ΔΑ	$\square$ N	□ ND (E	Explain belov	w):
			obstruction is removed		□ Y	$\square$ N	□ ND (E	Explain belov	w):
			distribution box is leveled or rep	olaced	☐ Y	□N	□ ND (E	Explain belov	w):
,			stem required pumping more tha will pass inspection if (with appr broken pipe(s) are replaced				ilth):	Explain belov	w):
			obstruction is removed		_ Y	□ N	□ ND (E	Explain belov	w):
	C) Further Evaluation is Required by the Conditions exist which require further the system is failing to protect public has 1. System will pass unless Board of 15.303(1)(b) that the system is not five safety and the environment:  Cesspool or privy is within 50				by the ety or th letermi g in a r	Board on the environmes in a manner	nment.	e with 310 C	MR
			Cesspool or privy is within 50 fe	eet of a b	orderin	g vegeta	ited wetlan	d or a salt m	narsh



### Commonwealth of Massachusetts

# Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

			PE LANE				
	and the second	Address	E				
	VID			· · · · · · · · · · · · · · · · · · ·			
1000000	ner's N	1000					
-	//Town	CP-SOLITAL			MASS	01002	JUNE 8, 2013
		-			State	Zip Code	Date of Inspection
В	** The colification or be a	2. Sy deterry safety 100 fe supply 1 supply 1 more 1 Methodological systems in second	stem will mines the y and en The sy eet of a se The sy y The sy y well. ystem ha from a pr od used to stem pas acteria in	vironment:  restem has a septic tank a restem ha	and soil absolutary to a and SAS and sand the SAS and	and Public V manner that corption system surface water do the SAS is a do the SAS is a AS is less than	Vater Supplier, if any) protects the public health,  m (SAS) and the SAS is within r supply. within a Zone 1 of a public water within 50 feet of a private water
	TAPOS N					7 - 10 8/12 - 1	
				HEROTOLIS ACAIST SAN SON SAN SAN SAN SAN SAN SAN SAN SAN SAN SA			
D)	Α.			iteria Applicable to All			
			-	e "Yes" or "No" to each	n of the fol	lowing for <u>all</u>	inspections:
	)	r'es	No			TOTAL COOK A CONTRACT OF THE PROPERTY OF THE P	
		$\boxtimes$		clogged SAS or cess	pool		onent due to overloaded or
			$\boxtimes$	due to an overloaded	or clogged	SAS or cess	
			$\boxtimes$	or clogged SAS or ce	sspool		outlet invert due to an overloaded
			$\boxtimes$	Liquid depth in cessp than ½ day flow	ool is less t	han 6" below	invert or available volume is less

D)



#### Commonwealth of Massachusetts

## **Title 5 Official Inspection Form**

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

-	INDIAN PI						
	perty Address						
_	VID ner's Name						
AM	HERST /Town			MASS State	01002 Zip Code	JUNE Date of Ir	8, 2013 aspection
В.	Certific	cation (	cont.)	10			
	Yes	No					
		$\boxtimes$	Required pumping mobstructed pipe(s). N				T due to clogged or
		$\boxtimes$	Any portion of the SA	AS, cesspoo	ol or privy is be	elow high g	round water elevation.
		$\boxtimes$	Any portion of cessp tributary to a surface			eet of a sur	face water supply or
		$\boxtimes$	Any portion of a cess	spool or priv	y is within a Z	one 1 of a	public well.
		$\boxtimes$	Any portion of a cess	spool or priv	y is within 50	feet of a pr	ivate water supply well.
			from a private water system passes if th laboratory, for feca of ammonia nitroge	supply well e well wate I coliform I en and nitra her failure	with no acceper analysis, poacteria indicate nitrogen is criteria are tr	table water erformed a ates abser s equal to iggered. A	nt and the presence
		$\boxtimes$	The system is a cess 10,000gpd.	spool servin	g a facility with	h a design t	flow of 2000gpd-
			The system <u>fails</u> . It criteria exist as desc system owner should necessary to correct	ribed in 310 d contact the	CMR 15.303	, therefore t	the system fails. The
E)			be considered a lar 00 gpd to 15,000 gpd		the system n	nust serve	a facility with a
	For large s questions		ou must indicate eithe D.	r "yes" or "r	o" to each of	the followin	g, in addition to the
	Yes	No					
			the system is within 4	400 feet of	a surface drink	king water s	supply
			the system is within 2	200 feet of	a tributary to a	surface dr	inking water supply
			the system is located Area – IWPA) or a m				Wellhead Protection bly well
	If you have	angwara	d "vee" to any question	n in Section	F the evetem	is consider	ed a significant threat

or answered "yes" in Section D above the large system has failed. The owner or operator of any large system considered a significant threat under Section E or failed under Section D shall upgrade the system in accordance with 310 CMR 15.304. The system owner should contact the appropriate regional office of the Department.



### **Commonwealth of Massachusetts**

_		IPE LANE								
DAN	erty Addres	SS								
	er's Name									
AMI	HERST			MASS	01002	JUNE 8, 2013				
City	Town			State	Zip Code	Date of Inspection				
	Checl									
	Check if	the follow	ng have been done. \	You <b>must</b> indi	cate "yes" or "r	no" as to each of th	e following:			
	Yes	No								
	☑ Pumping information was provided by the owner, occupant, or Bo									
	☐ Were any of the system components pumped out in the previous t									
	☐ Has the system received normal flows in the previous two week per									
		$\boxtimes$	Have large volumes this inspection?	of water beer	n introduced to	the system recent	ly or as part of			
	Were as built plans of the system obtained and examined? (If they were not available note as N/A)									
	☑ Was the facility or dwelling inspected for signs of sewage back up?									
	$\boxtimes$		Was the site inspec	ted for signs o	of break out?					
	$\boxtimes$		Were all system cor	mponents, exc	cluding the SAS	S, located on site?				
			Were the septic tandinspected for the co- dimensions, depth of	ndition of the	baffles or tees,	material of constru				
			Was the facility own information on the p The size and location been determined bases.	roper mainter ion of the Soi	nance of subsu	rface sewage dispo	osal systems?			
	$\boxtimes$		Existing information	. For example	, a plan at the	Board of Health.				
			Determined in the fi approximation of dis				is at issue			
D.	Svste	m Info	mation							
	-									
	Residen	tial Flow	Conditions:				4			
			ms (design):			rooms (actual):				
	DESIGN flow based on 310 CMR 15.203 (for example: 110 gpd x # of bedrooms):									



Owner information is required for every page.

### **Commonwealth of Massachusetts**

11 INDIAN PIPE LANE					
Property Address					
DAVID					
Owner's Name	MACC	04000	IIINE O	2012	
AMHERST City/Town	MASS State	01002 Zip Code	JUNE 8 Date of Insp	, 2013 ection	
D. System Information	Oldio	Zip Gode	Date of mop	COLON	
Description:					
Number of current residents:				2	
Does residence have a garbage grinder?				⊠ Yes □	No
Is laundry on a separate sewage system?	[if <b>yes</b> sepa	rate inspection	n required]	☐ Yes 🛛	No
Laundry system inspected?				☐ Yes ⊠ I	No
Seasonal use?				☐ Yes ☐ I	No
Water meter readings, if available (last 2 )	years usage	(gpd)):		VVLLLATIOO	
Detail: RECOMMEND REMOVING THE GARBA	GE DISPOS	SAL			
Sump pump?					No
Last date of occupancy:				PRESENT Date	
Commercial/Industrial Flow Conditions	<b>:</b> :				
Type of Establishment:					
Design flow (based on 310 CMR 15.203):		Gallons	per day (gpd)		
Basis of design flow (seats/persons/sq.ft.,	etc.):	-			
Grease trap present?				☐ Yes ☐	No
Industrial waste holding tank present?				☐ Yes ☐	No
Non-sanitary waste discharged to the Title	e 5 system?			☐ Yes ☐	No
Water meter readings, if available:		-			



### **Commonwealth of Massachusetts**

11 INDIAN PIPE	LANE				
Property Address					
DAVID Owner's Name	8				
AMHERST		MASS	01002	JUNE 8, 2013	
City/Town	The state of the s	State	Zip Code	Date of Inspection	
D. System I	nformation (cont.)	<del>//=////</del>			
Last date of o	ccupancy/use:		Date		
Other (descri	be below):				
	Genera	al Inforn	nation		
Pumping Re	cords:				
Source of info	ormation:	PUMF	PED OCTOBE	R 1, 2012 BY CLEAN SEPTICS	3
Was system p	numped as part of the inspection				
If yes, volume	e pumped:	1500 gallons			
How was qua	ntity pumped determined?	-	SURED		
Reason for pu	umping:	MAIN	TENANCE /PF	REP FOR INSPECTION	-
Type of Syst	em:				
	Septic tank, distribution box,	soil abso	orption system	l .	
	Single cesspool				
	Overflow cesspool				
	Privy				
	Shared system (yes or no) (if	f yes, att	ach previous i	nspection records, if any)	
	Innovative/Alternative technomaintenance contract (to be inspection of the I/A system in	obtained	from system	owner) and a copy of latest	
	Tight tank. Attach a copy of t	he DEP	approval.		
	Other (describe):				
	LEACH PIT				



#### Commonwealth of Massachusetts

NO. W.	11 INDIAN PIPE LAN	1E					
	Property Address						
	DAVID						
r	Owner's Name						
nation is ed for every	AMHERST		MASS	01002	JUNE	8, 2013	
ed for every	City/Town	111	State	Zip Code	Date of I	nspection	
	APPROXIMATEI Were sewage od	ormation (cont.) of all components, of all componen	date installed (if k YEARS OLD, 198 rriving at the site	34	ource of info	ormation: ☐ Yes ⊠ No	· · · · · · · · · · · · · · · · · · ·
	Depth below grad	de:		fee	t	W. Carlotte and Ca	
	Material of const	ruction:					
	cast iron	☑ 40 PVC	other (ex	(plain): —			
	Distance from pri	vate water supply we	ell or suction line	fee	t		
		ondition of joints, ver		f leakage, etc.	):		
	Septic Tank (loc			ΔF	PPROX. 4'		
	Depth below grad			fee			
	oncrete	☐ metal	☐ fiberglas	s $\square$ not	yethylene	other (ex	nlain)
	CLEAN SEPTICS SEPTIC TANK.	S PUMPED THE SE					
8.27.7	NOTE: CU	EAN SEPTICS	AGREED	78 STRIKE	E SEPT	TE TANK	200
	REPLACEMEN	T RECCOMEN	PATRON - T	TANK AS	SES. C	AWHERS;	BOH
	If tank is metal, li	st age:		yea	ars		
	Is age confirmed	by a Certificate of C	ompliance? (atta				No
	Dimensions:			_		N 5' X H 5'	
	Sludge depth:			6		-	



#### Commonwealth of Massachusetts

11 INDIAN PIPE LANE			12-2-112	
Property Address				
DAVID Owner's Name				
AMHERST	MASS	01002	JUNE	8 2013
City/Town	State	Zip Code	Date of Ins	
D. System Information (cont.) Septic Tank (cont.)	)			
Distance from top of sludge to bottom	of outlet tee or	haffle		
Distance from top of diaage to bottom	or outlot too or	barno	011	
Scum thickness			3"	
Distance from top of scum to top of ou	ıtlet tee or baffle			THE SEPTIC TANK
Distance from bottom of scum to bottom	om of outlet tee	or baffle		
How were dimensions determined?			MEASURED	
Comments (on pumping recommenda liquid levels as related to outlet invert,			baffle condition	n, structural integrity,
Consequence Trans (leaster on site when)				
Grease Trap (locate on site plan):				
Depth below grade:			feet	
Material of construction:				
☐ concrete ☐ metal	fiberglas	ss 🗌	polyethylene	other (explain):
Dimensions:				
Scum thickness				
Distance from top of scum to top of ou	itlet tee or baffle			
Distance from bottom of scum to bottom	om of outlet tee	or baffle		
Date of last pumping:			Date	<del>, , , , , , , , , , , , , , , , , , , </del>



#### Commonwealth of Massachusetts

Design Flow: Alarm present:	kage, etc.):	baffle condit	n site plan):	ral integri
MHERST y/Town State  MASS State  . System Information (cont.)  Comments (on pumping recommendations, inlet and liquid levels as related to outlet invert, evidence of leading to the system of the sys	Zip Code  outlet tee or kage, etc.):	Date of I	n site plan):	
MHERST y/Town State  . System Information (cont.)  Comments (on pumping recommendations, inlet and liquid levels as related to outlet invert, evidence of leading to be pumped at time.  Tight or Holding Tank (tank must be pumped at time.  Depth below grade:  Material of construction:    concrete   metal   fibergla.  Dimensions:  Capacity:  Design Flow:  Alarm present:	Zip Code  outlet tee or kage, etc.):	Date of I	n site plan):	
State  System Information (cont.)  Comments (on pumping recommendations, inlet and liquid levels as related to outlet invert, evidence of leading to be pumped at time.  Tight or Holding Tank (tank must be pumped at time.)  Depth below grade:  Material of construction:    concrete   metal   fibergla.  Dimensions:  Capacity:  Design Flow:  Alarm present:	Zip Code  outlet tee or kage, etc.):	Date of I	n site plan):	
Comments (on pumping recommendations, inlet and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evidence of lease and liquid levels as related to outlet invert, evide	outlet tee or kage, etc.):	on) (locate or	n site plan):	
Depth below grade:  Material of construction:  concrete metal fibergla  Dimensions:  Capacity:  Design Flow:  Alarm present:		-		er (explai
Depth below grade:  Material of construction:  concrete metal fibergla  Dimensions:  Capacity:  Design Flow:  Alarm present:		-		er (explai
Material of construction:  concrete metal fibergla  Dimensions:  Capacity:  Design Flow:  Alarm present:	ss 🗆	polyethylene	e 🗌 oth	er (explai
Dimensions:  Capacity:  Design Flow:  Alarm present:	ss 🗆	polyethylene	e oth	er (explai
Dimensions:  Capacity:  Design Flow:  Alarm present:	ss 🔲	polyethylene	e 🗌 oth	er (explai
Capacity:  Design Flow:  Alarm present:				
Design Flow: Alarm present:				
Alarm present:	allons		V V V V V V V V V V V V V V V V V V V	
	allons per day			
Alarm level:	] Yes	☐ No		
	larm in worki	king order:	☐ Yes	☐ No
Date of last pumping:	Date	——————————————————————————————————————		
Comments (condition of alarm and float switches, etc.	):			
* Attach copy of current pumping contract (required).	××××××××××××××××××××××××××××××××××××××	a see a manage	☐ Yes	□ No



### **Commonwealth of Massachusetts**

1 INDIAN PIPE LANE			
roperty Address			
AVID			
wner's Name			
MHERST	MASS	01002	JUNE 8, 2013
ity/Town	State	Zip Code	Date of Inspection
<ul> <li>System Information (cont.)</li> <li>Distribution Box (if present must be op</li> </ul>	ened) (locate	on site plan):	
Depth of liquid level above outlet invert		NO D BOX	
Comments (note if box is level and distri evidence of leakage into or out of box, e NONE FOUND		ets equal, any	evidence of solids carryover, an
	<del>(</del>		
Pump Chamber (locate on site plan):			
Pumps in working order:			☐ Yes ☐ No
Alarms in working order:			☐ Yes ☐ No
Comments (note condition of pump char	mber, conditio	n of pumps a	nd appurtenances, etc.):
			1
<del></del>		1/1	
Soil Absorption System (SAS) (locate	on site plan,	excavation no	t required):
If SAS not located, explain why:			



### **Commonwealth of Massachusetts**

11 INDIAN PIPE LANE

Property Address					
DAVID Dwner's Name	<u> </u>				·
AMHERST		MASS	01002	JUNE 8,	2013
City/Town		State	Zip Code	Date of Inspe	
D. System	Information (cont.)				
Type:					
$\boxtimes$	leaching pits		number:		ONE LEACH PI
	leaching chambers		number:		***************************************
	leaching galleries		number:		
	leaching trenches		number,	length:	-
	leaching fields		number,	dimensions:	
	overflow cesspool		number:		
	innovative/alternative sys	stem			
	Type/name of technology	<i>r</i> :			
EFFLUENT					
Cessnools	(cesspool must be pumped	as part of insr	nection) (locate	on site plan)	
	d configuration	ao part or mor	, , , , , , , , , , , , , , , , , , , ,		
Depth - top	of liquid to inlet invert				0
Depth of so	lids layer			-	
Depth of sc	um layer				
Dimensions	of cesspool				
Materials of	construction			-	
Indication o	f groundwater inflow			☐ Yes	☐ No



Owner information is required for every page.

#### Commonwealth of Massachusetts

# Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

INDIAN PIPE LANE			
perty Address		***************************************	
VID			
ner's Name			
MHERST	MASS	01002	JUNE 8, 2013
//Town	State	Zip Code	Date of Inspection
System Information (cont.)			
Comments (note condition of soil, signs of etc.): S. A. S. IS IN HYDRAULIC FAILURE	hydraulic fa	ailure, level of	ponding, condition of vegetation
Privy (locate on site plan):			
Materials of construction:			
Dimensions		70.	
Depth of solids			
Comments (note condition of soil, signs of etc.):	hydraulic fa	ailure, level of	ponding, condition of vegetation
The second secon		**************************************	
<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>			

Owner information is required for every page.

#### Commonwealth of Massachusetts

#### **Title 5 Official Inspection Form**

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

11 INDIAN PIPE LANE				
Property Address				
DAVID	*			
Owner's Name				-
AMHERST	MASS	01002	JUNE 8, 2013	
City/Town	State	Zip Code	Date of Inspection	2001

#### D. System Information (cont.)

drawing atta	ched separately			
Date Installation I				
Description of Syst	em: Tank Capaci	ty: 1500 S	EPTIC TANK	50 A BUTTOIN
Leach Field ( )	Bed (: ) Seepa	ige Pit (X). Squ	ıare Feet: _ ¿	250 D. S1065
Garbage Grinder	Yes ( W No (	) No. Bedrooms	:: <u>3</u> No. F	eople 6
As - Built Plan	v: /	Door	a, 8	* 1
		V	*	
*	39'	1500 & MV.		<i>'</i>
N	1516 J	-11' 1000 ABIS' 1000	Care Per	

PROPER MAINTENANCE OF YOUR PRIVATE SEWAGE DISPOSAL SYSTEM

- 1. This system must be inspected periodically and the tank pumped out at an interval not to exceed \_\_\_\_\_3\_\_ years.
- 2. For your protection sanitary pumpers are licensed by the Amherst Board of Health.
- Regular pumping is crucial to avoid early failure and costly repairs of the system.
- 4. DO NOT dispose into the system such items as rags, string, sanitary napkins, coffee grounds as they can cause it to clog and fail.
- 5. Further information can be obtained by contacting your Health Department at 253-7077.



Owner information is required for every page.

#### Commonwealth of Massachusetts

## Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

8, 2013
spection
f SAS)
ON AND RE -TURN

Before filing this Inspection Report, please see Report Completeness Checklist on next page.

n, harry target

1 1 1 1 1 1 1 1 1 1 1 1



Owner information is required for every page.

#### Commonwealth of Massachusetts

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

11 INDIAN PIPE LANE				
Property Address				
DAVID				
Owner's Name				
AMHERST	MASS	01002	JUNE 8, 2013	
City/Town	State	Zin Code	Date of Inspection	

#### E. Report Completeness Checklist

- ☑ Inspection Summary D (System Failure Criteria Applicable to All Systems) completed
- System Information Estimated depth to high groundwater
- Sketch of Sewage Disposal System either drawn on page 15 or attached in separate file

#### July 2013 INVOICE

#### AMHERST PUBLIC HEALTH DEPARTMENT

Bangs Community Center 70 Boltwood Walk Amherst, MA 01002

DATE: July 9, 2013

TOTAL \$

450.00

TO

Donald & Honore David 11 Indian Pipe Drive Amherst, MA, 01002

RE: Invoice for

Soil Evaluation & Plan Review

11 Indian Drive

Services provided by

**Edmund Smith** 

PAYMENT TERMS: I PAID

QUANTITY	DESCRIPTION	, and	INIT PRICE	LINI	TOTAL
1.00	Soil Evaluation Board of Health Witness	\$	300.00	\$	300.00
1.00	Plan Review	\$	150.00	\$	150.00
	Paid - thank you, Ed Smith				
			SUBTOTAL SALES TAX		450.00



#### Commonwealth of Massachusetts City/Town of Amherst, Application for Disposal System Construction Permit

	13-15	
Num	iber	
\$	450	

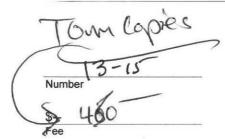
B. Agreement				
The undersigned agrees to e sewage disposal system in a not to place the system in op of Health.  Signature  Application Approved By:	ccordance with the p	provisions of T	itle 5 of the Envir	ronmental Code and
Application <b>Disapproved</b> for	the following reason	s:		



Important:
When filling out
forms on the
computer, use
only the tab key
to move your
cursor - do not
use the return

key.

#### Commonwealth of Massachusetts City/Town of Amherst, Application for Disposal System Construction Permit



Form 1A

DEP has provided this form for use the form, check with your local Boa		
A. Facility Information		-
Application is hereby made for a permit t	o: Construct a new on-site sewage Repair or replace an existing on Repair or replace an existing sy	n-site sewage disposal system
Location of Facility:		٠.
11 Indian Pipe, Lane		
Address or Lot #		
Amherst	MA	01002
City/Town	State	Zip Code
2. Owner Information		
Donald David		
Name		
11 Indian Pipe Lane		
Address (if different from above)		
Hadley, Anherst	MA	04035 01002
City/Town	State	Zip Code
	Telephone Number	
Installer Information		
Adair Excav.		
Name	Name of Company	
Address		
Amherst	MA	01002
City/Town	State	Zip Code
SE	531-7921 Telephone Number	
ETTS	releptione Number	
Designer Information		
Alan Weiss, RS	Cold Spring En	vironmental Consultants Inc.
Name	Name of Company	

MA

State

413-531-4015 Telephone Number

350 Old Enfield Road

Address Belchertown

City/Town

OF MASS

LAN E. WEISS

01007

Zip Code

	*-			
•				
. *				



# Commonwealth of Massachusetts City/Town of Amherst, Application for Disposal System Construction Permit

1	3-15	
Numb	per	
\$	624	
Fee		

Form 1A A. Facility Information (continued) 5. Type of Building: □ Dwelling ☐ Garbage Grinder (check if present) Other: Type of Building Number of Persons Served ☐ Showers ☐ Cafeteria ☐ Other fixtures Number of showers Specify other fixtures: 4Bedroom= 440 GPD 462 GPD, provided) Design Flow: Gallons per Day 462 Calculated Daily Flow: Gallons 07.05.2013 7. Plan: Date of Original Number of Sheets Revision Date Septic System Plan Title of Plan 8. Description of Soil: 9. Nature of Repairs or Alterations (if applicable): New Leach area (reuse existing tank only if sound)

10. Date last inspected:

6.7.2013

Date

*			

FORM 11 - SOIL EVALUATOR FORM Page 1 of 3

Date: 6-25-43

#### ALAN E. WEISS, M.S., R.S., L.S.P.

Licensed Site Professional Registered Sanitarian Hydrogeologist President

anitarian
zist

\*Wetland Consults

\*Soil and Water Testing

\*21E Site Investigations

\*Percolation Tests and

Septic Designs

•Title 5 Inspections

350 Old Enfield Rd.
Belchertown, MA 01007
(413) 323-5957 & 323-4916 (FAX)
aeweiss@charter.net

Commonwealth of Massachusetts

Amberst.

, Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Witnessed Ry E Snith.	(A. W. W.	Date: 6 25	113
Witnessed By: 2 'Snith.			•
LECTION Address or LOX /  II I I I I I I I I I I I I I I I I I		D. David, 11 Indian Pipe L. Alwhood, MA. 4BR. Residuce, Soil Map Unit	
Year Published Publication Scal Geologic Material (Map Unit) SAND Landform Landform Flood Insurance Rate Map:		·	
Above 500 year flood boundary No Yes Within 500 year flood boundary No Yes Within 100 year flood boundary No Yes Wetland Area:		•	
National Wetland Inventory Map (map unit) Wetlands Conservancy Program Map (map unit) Current Water Resource Conditions (USGS): Month Range: Above Normal Normal Belany Normal Other References Reviewed:	1 🗍		`



æ.			

Location Address or Lot No.	11. Judian Pipe	Lu.
-----------------------------	-----------------	-----

## On-site Review

Deep Hole Number 1+2 Date: 625: 13 Time: 1,00 Weather SUN 886
Location (identify on site plan)
Land Use Residunta Slope (%) Surface Stones
Vegetation Worded
Landform Deciducus
Position on landscape (sketch on the back)
Distances from:
Open Water Body 100 feet Drainage way 50 f feet
Possible Wet Area 100 T feet Property Line 25't feet
Drinking Water Well 100 4 feet Other

		DEEP OB	SERVAT	ION HOL	LE LOG*
					••
Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mording	Corner (Souccure, Stones, Boulders, Consistency, % Gravel)
0-12"	Ap	FSL FS	10463)3		-Frable. -F. Sady Loose.
12"-32"	BU	. 1>	16445/6	.15	3
85 - 136	× =		10424/4	NOT	- C. Sand T gravel.
	, C ,				Loose, granular.
0-12"	Ao	FS		11.1-	,
12"-35"	BW	FS		NOT obs	5.0
35"-120"	C.:	Cs	1		
	,				Sare os #,
-					
OWINIM.	M OF 2 HOLES F	EQUIRED AT EV	ERY PROPOSE	D DISPOSAL A	AREA .



DEP APPROVED FORM - 12/07/95

Parent Material (geologic) OAWaSh

Estimated Seasonal High Ground Water:

Depth to Groundwater: Standing Water in the Hole:

· ·			
•	No.		

¥	10		7
Location Address or Lot No.	11 Indian	rice	Lin.
	11 I vallax	111	- V

Determination for Seasonal High Water Table
Method Used:
Depth observed standing in observation hole inches  Depth weeping from side of observation hole inches  Depth to soil mottles 136 inches  Ground water adjustment feet
Index Well Number Reading Date Index well level
Adjustment factor
Depth of Naturally Occurring Pervious Material  Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system?  If not, what is the depth of naturally occurring pervious material?
Certification
I certify that on (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.
Signature Date 6/25/13
ALAN E. WEISS REE. #933 REE. #933



a a			
*			

TOTAL IN IDMOODS TON TENT

Lacation Address or Lot No. 11 Tidian Pipe Ln.

# COMMONWEALTH OF MASSACHUSETTS

Authorst, Massachusetts

			,*
*	Percolation 7	Test*	
Date:(	6/25/13	Time:,	1:00M
Observation Hole #	ρ,		J** (
Depth of Perc	50"	- Alexandra	Repai
Start Pre-soak	1:20.		(cpa)
End Pre-soak	1:35	de souche de force	
Time at 12*	1'.35	**	
Time at 9"	1:36	Am beautifus	
Time at 6"	= 1:37		
· Time (9"-6")	42	11	
Rate Min./Inch	L2	1	,

reserve area.
Site Passed Site Failed
Performed By: Ala Wiss RS
Witnessed By: Ed. Smith Bott.
Comments: 5+ A AFECT to ESHGW



*			
•			

PROJECT NO.: 13-75				
CITY/TOWN: JUHELS F		Arrec 7/n/	NED	
APPLICANT: DONALD DAVID		alul	2013	
ADDRESS: " INDIAN PIPE		1/2	150	ite.
DESIGN FLOW: 440 (462 PROVIDED) gpd	80	len	IL O	
REVIEWED BY: Es Surra	DATE:			
REVIEWED BI. 29 Salls	DAIL.			
	N/A	OK	NO	
GENERAL				
Legal boundaries denoted [310 CMR 15.220(4)(a)]				
Street, Lot, tax parcel number and lot number noted on plan [310 CMR 15.220(4)(u)]		/		
Locus Provided [310 CMR 15.2204(t)]		/		4
Plan proper scale? (1"=40' for plot plans, 1"= 20' or fewer for components) [310 CMR 15.220(4)]		V		
Easements shown [310 CMR 15.220(4)(b)]		~		Company of Marine
System located totally on lot served [310 CMR 15.405(1)(a) for upgrades]- if not, a variance is required [310 CMR 15.412 (4)]		/		
Location of impervious surfaces (driveways, parking areas etc.) [310 CMR 15.220(4)(d)]		/		
Location all buildings existing and proposed 310 CMR 15.220 (4)(c)]		<b>/</b>		
Location and dimensions of system components and reserve areas. [310 CMR 15.220(4)(e)]		/		
System Calculations [310 CMR 15.220(4)(f)]		/		
daily flow		/		
septic tank capacity (required and provided)		V		
soil absorption system (required and provided)		1		
whether system designed for garbage grinder		1		NOTALLANDO
North arrow [310 CMR 15.220(4)(g)]				
Existing and proposed contours [310 CMR 15.220(4)(g)]		-	/	
Location and log of deep observation holes (existing grade el. on each test) [310 CMR 15.220(4)(h)]			/	
Names of soil evaluator and BOH representative [310 CMR 15.220(4)(h) and (i)]		~		
Location and date of percolation tests (performed at proper elevation?) [310 CMR 15.220(4)(i)]				
Percolation test results match loading rate? [310 CMR 15.242]		~		
Certification statement by Soil Evaluator [310 CMR 15.220(4) (j)]				
Observed and Adjusted groundwater (method for adjustment given or indicated) [310 CMR 15.103(3) and 310 CMR 15.220(4)(n)]				

я

GENERAL cont.	N/A	OK	NO	
Location of every water supply, public and private, [310 CMR 15.220(4)(k)]				
within 400 feet of the proposed system location in the case of surface water supplies and gravel packed public water supply wells		1		
within 250 feet of the proposed system location in the case of tubular public water supply wells		/		
within 150 feet of the proposed system location in the case of private water supply wells		~		
Location of all surface waters and wetlands located up to 100 ft. beyond setbacks listed in 310 CMR 15.211 and any catch basins located within 50 ft. [310 CMR 15.220(4)(1)]		<b>~</b>		
Water lines and other subsurface utilities located [310 CMR 15.220(4)(m)] (if water line cross see 310 CMR 15.211(1)[1])		~		
Profile of system showing invert elevations of all system components and the bottom of the SAS [310 CMR15.220(4) (o)]	a.	~		
Stamp of designer [310 CMR 15.220(1) and 310 CMR 15.220 (2)]				
Stamp of Registered Land Surveyor (required if construction activities within 5 ft. of lot line) [310 CMR 15.220(3)]	<b>\</b>	43		
Test Holes adequate (two in each of the primary and reserve unless trenches as permitted in 310 CMR 15.102(2) or as approved for an upgrade under LUA at 310 CMR 15.405(1) (k)]		<b>/</b>		Ri
Test hole adequate to demonstrate four feet of suitable material? [310 CMR 15.103(4)]				
Test Holes adequate to confirm adequate groundwater separation? [310 CMR 15.103(3)]		/		
Benchmark within 50-75' of system [310 CMR 15.220(4)(q)]		~/		
Materials specifications noted? [various sections of 310 CMR 15.000]		$\checkmark$		
System components not > 36" deep (unless Local Upgrade Approval or LUA requested) [310 CMR 15.405(1(b)]				
All system components marked with magnetic tape 15.221 (12)		1		
SEPTIC TANK	N/A	OK /	No	
Size OK? [310 CMR 15.223(1)]		<b>/</b>		
Inlet tee located ten inches below flow line [310 CMR 15.227 (6)]		<b>✓</b>		
Outlet tee 14" or 14" + 5" per foot for increase ft depth [310 CMR 15.227(6)]		<b>/</b>		
Outlet tee with gas baffle or approved filter [310 CMR 15.227 [4)]		<b>✓</b>	,	
Note regarding installation on stable compacted base [310				

				-
				•
				×
*				

/	7.05	
/		-
1		
OK ,	No	
/		SLEEVED WELFSSA
1>	7	CHECK
1		
-		
١.		
_		
/		
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	

Stable compacted base [310 CMR 15.221(2) and 310 CMR 15.232(2)(a)]		/		
Splash plate or baffle tee required on inlet/ provided? (when pressure sewer to d-box or steep pitch of gravity sewer) [310 CMR 15.323(3)(a)]	/			
Riser if deeper than 9" [310 CMR 15.232(3)(f)]		1		
Inside minimum dimension 12" [310 CMR 15.232(2)(b)]		/		
Minimum sump 6" [310 CMR15.232(3)(e)]		/		
Watertight cover if <2000gpd); waterproof manhole if >2000gpd [310 CMR 15.232(3)(d)]	<b>√</b>		_ = = = = = = = = = = = = = = = = = = =	
PUMP CHAMBERS			- 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Capacity (emergency storage above working=design flow)? [310 CMR 231(2)]				
Proper setbacks [310 CMR 15.211 (same as septic tanks)]				
Watertight 20-in minium access manhole at least 20" MUST BE TO GRADE [310 CMR 15.231(5)]				
Service components accessible (not too deep with piping, disconnects accessible)				
Alarm floats - alarm on circuit separate from pumps specified?				
Exceeds two units must have two pumps operating in lead-lag mode. [310 CMR 15.231(6) and (8)]		(7		
Stable Compacted Base [310 CMR 15.221(2)] Buoyancy calculations needed? Provided? [310 CMR 15.221 (8)]				
Dosing chamber capacity (required and provided), pump curves and specifications, number of dosing cycles and depth per cycle? [310 CMR 15.220(4)(r)]				
Effluent tee filter provided? [310 CMR 15.231(10)]	V	4		
SOIL ABSORPTION SYSTEMS (SAS) GENERAL	N/A	OK /	No	
Calculations correct?		/		
4 feet of naturally occurring material demonstrated? [310 CMR 15.240(1)]				
Required separation to groundwater? [310 CMR 15.212)]		<b>/</b> .		
Aggregate specified as double washed [310 CMR 15.247(2)]				
System Venting required/provided? (system under driveway or >36" deep) [310 CMR 15.241]	<b>✓</b>	,		
Inspection ports specified and within 3"final grade? [310 CMR 15.240(13)]	e e	/	RISE.	rs Ifiec
Breakout requirements met? (No violation of breakout elevation within 15 ft of SAS unless barrier) [310 CMR 15.211(1)[4] and Guidance Document]				
GALLERIES,PITS,CHAMBERS 310 CMR 15.253		1	3331933	
Chambers and Gal. in trench configuration supplied with inlet every 20 ft. [310 CMR 15.253(6)]				
Each structure with one inspection manhole (if >2000 gpd must be to grade) [310 CMR 15.253(2)]		<b>✓</b>		

\* .

			7
Aggregate 1' minimum- 4' maximum. [310 CMR 15.253(1) (b)]		<b>_</b>	-
2' sidewall credit maximum [310 CMR 15.253(1)(a)]		/	
In bed configuration, inlet every 40 sq. ft. [310 CMR 15.253]			
(6)]		<b>~</b>	
TRENCHES 310 CMR 15.251			
Width 2' minimum 3' maximum [310 CMR 15.251(1)(b)]		P PILOTERS	THE PROPERTY OF
100 feet - maximum length [310 CMR 15.251(1)(a)]	1		
Minimum separation 2x effective depth or width whichever			
greater (3x if reserve between trenches) [310 CMR 251(1)(d)]			
Situated along contours [310 CMR 15.251(2)]			
Breakout OK? [310 CMR 15.211(1)[4] and Guidance			
Document]	1		
BED SAS (Maximum size of bed or field 5000 gpd)	1		na esta
minimum 2 distribution lines [310 CMR 15.252(2)(a)]			-
Maximum separation between lines 6' [310 CM R15.252(2)]	1		
(d)]			
Maximum separation between lines and outside of bed 4' [310 CMR 15.252(2)(e)]			
Aggregate depth below discharge pipes 6" minimum, 12"			
maximum. [310 CMR 15.252(2)(g)]			
Separation between beds 10' minimum. [310 CMR 15.252(2)			
(f)]			
Bottom area used in calculations only [310 CMR 15.252(2)(i)]			
[======================================			
	1		
DID THE PLAN INVOLVE	N/A	OK	No
	N/A	OK	No
DID THE PLAN INVOLVE  Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]	N/A	OK	No
Pressure Dosed System ? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the groundwater separation take into account mounding.	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the groundwater separation take into account mounding.  Pressure dosing required on all systems >2000gpd or	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the groundwater separation take into account mounding.  Pressure dosing required on all systems >2000gpd or alternative systems under remedial approval [310 CMR	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the groundwater separation take into account mounding.  Pressure dosing required on all systems >2000gpd or alternative systems under remedial approval [310 CMR 15.254(2) and I/A Remedial Use Approvals]	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the groundwater separation take into account mounding.  Pressure dosing required on all systems >2000gpd or alternative systems under remedial approval [310 CMR 15.254(2) and I/A Remedial Use Approvals]  If used in gravelless system - make sure jet is directed as not	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the groundwater separation take into account mounding.  Pressure dosing required on all systems >2000gpd or alternative systems under remedial approval [310 CMR 15.254(2) and I/A Remedial Use Approvals]  If used in gravelless system - make sure jet is directed as not to scour soil interface [Guidance Document]	N/A	OK	No
Pressure Dosed System? Provided pump and piping calculations as required [310 CMR 15.220(4)(r)]  Groundwater Separation Per 310 CMR 15.240(12) does the groundwater separation take into account mounding.  Pressure dosing required on all systems >2000gpd or alternative systems under remedial approval [310 CMR 15.254(2) and I/A Remedial Use Approvals]  If used in gravelless system - make sure jet is directed as not to scour soil interface [Guidance Document]  Inspections once per year (systems< 2000 gpd) or quarterly	N/A	OK	No
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Gravelless System [I/A Approval Letters]	1		
Check DEP Approval letters for credits and design conditions			
If used with pressure dosing do not allow pressure discharge to scour soil interface			
Alternative Septic System [I/A Approval Letters]		2	
Was DEP Approval Letter provided and/or have you reviewed the letter for conditions?			
Is the technology being properly applied and does it meet all DEP Approval Conditions?			
Is there a note on the plan regarding the requirement for perpetual maintenance agreement?			
Any alarms involved on separate circuits			
Did the applicant submit an operation and maintenance manual?			
Has applicant submitted a copy of a maintenance agreement?			
Variances		/	
Are the variances listed on the plan? [310 CMR 15.220 (4) [p)]	<b>✓</b>		
RLS Stamp necessary on plan if a component is within five feet of property line [310 CMR 15.412(4)]	$\checkmark$	/	
New construction or increased flow proposed - [Refer to 310 CMR 15.414]	<b>/</b>		
Nitrogen Sensitive Areas	N/A	OK	No
Is the system in a Designated Nitrogen Sensitive Area (Zone I for a public supply well)? [310 CMR 15.214, 310 CMR 15.215 and 310 CMR 15.216 - also refer to Policy regarding apprades of such existing systems]			
s the system proposed on the same lot as served by private well ? [310 CMR 15.214(2)]			
Are the nitrogen loads proposed in compliance? [310 CMR 5.216(1)]			
Miscellaneous	1		
Pumping to septic tank? [310 CMR 15.229]	1	•	
Shared System [310 CMR 15.290]	<b>/</b>		

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### Commonwealth of Massachusetts City/Town of Amherst, **Application for Disposal System Construction Permit**

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DEP has provided this form for use by local Boards of Health if they choose to do so. Before using

Form 1A

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return





	the form, check with your local Board of Health to	o make sure that they w	rill accept it.
A.	Facility Information		
App			e sewage disposal system
1.	Location of Facility:		
	11 Indian Pipe, Lane Address or Lot #		
	Amherst	MA	01002
	City/Town	State	Zip Code
2.	Owner Information		
	Donald David		
	Name		
	11 Indian Pipe Lane		
	Address (if different from above)		
	Hadley Anherst	MA	0 <del>1035</del> 01002
	City/Town	State	Zip Code
	•		•
		Telephone Number	
3.	Installer Information		
		*	
	Adair Excav.		
	Name	Name of Company	
	Address		0.4000
Le .	Amherst	MA	01002
C.V.	City/Town	State	Zip Code
35	Ę	531-7921	
SELLS NAMES		Telephone Number	
Ach	Designer Information		
•	Alan Weiss, RS	Cold Spring Enviro	nmental Consultants Inc.
	Name	Name of Company	
	350 Old Enfield Road		
	Address		
	Belchertown	MA	01007
	City/Town	State	Zip Code
	1779		mh and

413-531-4015

Telephone Number

HAN E WEISS

	-		
**			
`*			



# Commonwealth of Massachusetts City/Town of Amherst, Application for Disposal System Construction Permit Form 1A

Number	
\$	
Fee	

. Facility Informa	ntion (continued)		
Type of Building:			
□ Dwelling		☐ Garbage Grino	der (check if present)
Other: Type of Building			- Number of Persons Served
Showers	Number of showers	☐ Cafeteria	☐ Other fixtures
Specify other fixtures:	Number of Showers		
Design Flow: Calculated Daily Flow:		4Bedroom= 440 G Gallons per Day 462 Gallons	PD 462 GPD, provided)
		Gallons	
Plan:		07.05.2013 Date of Original	
Number of Sheets Septic System Plan Title of Plan		Revision Date	
Title of Platf			
Description of Soil:			
15			
. Nature of Repairs or A	Iterations (if applicable):		
	e existing tank only if sour	nd)	
-			
		6.7.2013	

Date

10. Date last inspected:

*			
*3			



Name

## Commonwealth of Massachusetts City/Town of Amherst, Application for Disposal System Construction Permit Form 1A

Application Disapproved for the following reasons:

Number	<del> </del>
\$	
Fee	• (6)

3.	Agreement			
	The undersigned agrees to ensure the disewage disposal system in accordance not to place the system in operation until of Health.	with the provisions o	of Title 5 of the En	vironmental Code and
	Signature	Date	1	
	Application Approved By:			

Date

	-		
1. *			
·.			

## June 2013 **INVOICE**

#### AMHERST PUBLIC HEALTH DEPARTMENT

Bangs Community Center 70 Boltwood Walk Amherst, MA 01002

DATE: June 7, 2013

(med)

TO

Donald & Honore David

11 Indian Pipe Lane Amherst, MA, 01002

RE: Invoice for

Title 5

Services provided by

**Edmund Smith** 

PAYMENT TERMS: I Paid

QUANTITY	DESCRIPTION	UNIT PRICE	LINE TOTAL	
1.00	Title 5 Inspection Witness (failure of leach tank)	\$ 200.00	\$ 200.00	
	paid today check 294 - thank you		\$ (200.00	
		SUBTOTA SALES TA	Converse placement and advanced	
		TOTA	LS -	

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#### THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

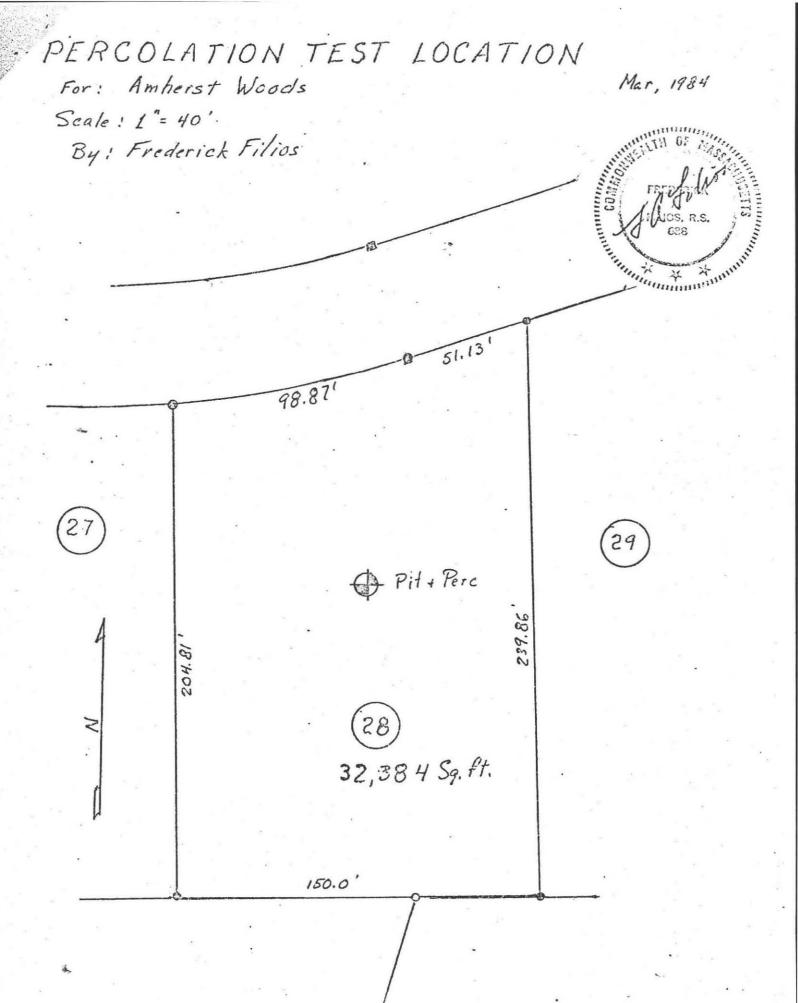
Application	fnr	Disunsal	Morks	Construction	Hermit
W Ab-b-++++++	444	THE PART OF THE PART	44.44.44	C-4-464-44 464-464-46	42-44-44-44

Application is hereby made for a Permit to Construc	t (V) or Repair ( ) an Individual Sewage Disposal
System at: AMHERST Woods PHASE II	15 #28
DONALD & HONORE' DAVID	2 Woods de Douis authorham Ma a
Stoney's Facautiting Co.	Address CTO MASS
Installer	Address
Type of Building	Size Lot
Other — Type of Building Susse Family 18,8 No. of a	Expansion Attic ( ) Garbage Grinder (/ ) persons
Other fixtures	
Design Flowgallons per person p	er day. Total daily flowgallons.
Septic Tank — Liquid capacitygallons Length	
Disposal Trench — No	
Other Distribution box ( ) Dosing tank ( )	recom meeting area reacting area
Percolation Test Results Performed by	
	Test Pit Depth to ground water
	rest Pit Depth to ground water
Description of Soil GRAVEL	
5	
M. (D. 1 Al. )	
Nature of Repairs or Alterations — Answer when applical	ole
Agreement:	*
The undersigned agrees to install the aforedescribed	1 Individual Sewage Disposal System in accordance with
the provisions of TITLE 5 of the State Sanitary Code —	
operation until a Certificate of Compliance has been issued	by the board of health.
Signed.X	uly David Apr. L 198
Application Approved By	
Application Disapproved for the following reasons:	Date
	Date
Domnit No.	Torred
Permit No	IssuedDate
Permit No	Issued
Permit No  THE COMMONWEALTH	Date
	Date OF MASSACHUSETTS
THE COMMONWEALTH BOARD OF	OF MASSACHUSETTS HEALTH
THE COMMONWEALTH BOARD OF	Date  OF MASSACHUSETTS  HEALTH
the commonwealth BOARD OFofofof	of massachusetts HEALTH Compliance
THE COMMONWEALTH  BOARD OF  OF  Certificate of  THIS IS TO CERTIFY, That the Individual Sewa	OF MASSACHUSETTS  HEALTH  Compliance  ge Disposal System constructed ( ) or Repaired ( )
the commonwealth BOARD OFofofof	OF MASSACHUSETTS  HEALTH  Compliance  ge Disposal System constructed ( ) or Repaired ( )
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THE COMMONWEALTH  BOARD OF  OF  THIS IS TO CERTIFY, That the Individual Seward  by  Insta  at  has been installed in accordance with the provisions of TI application for Disposal Works Construction Permit No  THE ISSUANCE OF THIS CERTIFICATE SHALL	OF MASSACHUSETTS  HEALTH  Compliance  ge Disposal System constructed ( ) or Repaired ( )  liler  TIE 5 of The State Sanitary Code as described in the
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## DEEP SOIL LOGS

OWNER Amherst Woods Phase II Date Mar. 21, 1984 LOCATION Amherst Woods Lot #28 OBSERVER F.A. Filios Soil Topsoil 8"-24" Subsoil Coarse sand with some Fine gravel + some cobbles Coarse sand 67"-10" Ground Water none Ground Water . Ground Water -Ground Water Percolation Rate at 42" < 2 minutes (inch

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No	0111

SYSTEM WILL FUNCTION SATISFACTORY.

SPT 1984 - 00001

11 Dudian Pipe

Inspector.....

#### BOARD OF HEALTH

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184-00001	BOARD	OF HEALTH	HINE AL
	Taus in an A	Amheret	KOL KOL
	7 0W P1 OF 7	1,11,11,21,31	FREDERICK
Appli Appli	cation for Dispose	OF HEALTH  Amhers f  al Marks Construction  onstruct (V) or Repair ( ) an Inc.  Z	Hermit AFRIOL, R.S.
Application is here	by made for a Permit to Co	instruct ( $ u$ ) or Repair ( ) an Inc	lividual Sewage Disposal
System at:	ha I shallan Figure	7	The state of the s
Amners!	Vocation - Address	I 28	Ividual Sewage Disposal
Donald Lav	erdiere	300 Station Rd	Amehorst
20 STONE	Owner	MONTAGUE Address	A.
	Installer	Address	5
Type of Building	7 P. J	Size L	ot 32, 384 Sq. feet
		Expansion Attic ( )	
		o, of persons Shower	
		rson per day. Total daily flow	
Contin Tople Liquid	carriety /500 callons I and	rth Width Diameter	Donth
Disposal Trench - No.	Width,	Total Length	hing areasq. ft.
Seepage Pit No	1 Diameter 101 x 7 D	epth below inlet	ching areasq. ft.
Percolation Test Result	Performed by Free	h of Test Pit. 10 Depth to go	ate 1/ar 21, 198)
Test Pit No. 2	ninutes per inch Dept	th of Test Pit Depth to gr	round water
Agreement: The undersigned	agrees to install the aforedes	pplicablescribed Individual Sewage Disposal Sode — The undersigned further agrees	System in accordance with
operation until a Certifi	icate of Compliance has been	issued by the board of health.	
	Signedc.	BUAGO DALIO ATT.	4894
4 1° . ° 4 1	(36) 8) 2 1/3		N/24 Date
Application Approved	ву Столого	J1.	Date
Application Disapprove	ed for the following reasons:		
		***************************************	7
Permit No	24-11	Issued4/	24 84 Date
I clilit Ivo		1ssucu	Date
	THE COMMONWE	ALTH OF MASSACHUSETTS	
		ALTH OF MASSACHUSETTS	
		ALTH OF MASSACHUSETTS OF HEALTH	
	BOARD		
	BOARD of	OF HEALTH	
THIS IS TO CE	BOARD of Certificati	of HEALTH e of Compliance	
	BOARD  OF  Certificate  RTIFY, That the Individual	of HEALTH  of Compliance Sewage Disposal System constructed	
	BOARD of Certificati	of HEALTH  of Compliance Sewage Disposal System constructed	

#### THE COMMONWEALTH OF MASSACHUSETTS

No 84-11 Town OF AMHERST	F. 90
1/0.5-2	I EE
Permission is hereby granted Don La VERDICRE - LO STONE	
Permission is hereby granted Dow AVERDIERE - 20 STONE	
to Construct (K) or Repair ( ) an Individual Sewage Disposal System at No. 107 29 Amuros Woods - Long Pipe Lane	
at No. 60+ 20 Amurou Woods - Lina Pipe LAME	
as shown on the application for Disposal Works Construction Permit No. 24-1/ Dated	4/24/84
1 14 1204 Charles Estratas	,
DATE Upul d7, /9)/ Board of Health	

FORM 1255 HOBBS & WARREN, INC., PUBLISHERS



PLAN SHOWING SEWAGE DISPOSAL For: Donald La Verdiere Apr 1984 500 Station Road Amherst Mass. Scale: 1 "= 40' By: Frederick Filios At: Amherst Woods Phase II Lot # 28 INDIAN PIPE LANE 98.87 LeachPit FINDENCK ESETTS
FILLOS, R.S.
688 HOUSE 32,384 Sq. F1. 150'

	*		
			×

#### BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

LOT 28 INDIAN PIPE LANE

Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE	
Owner DONALD DAVID Address // NOVAN PIPELA.	×
Installer 25 STONE Address MONTAGUERO	•
Date Installation Inspected and Approved Sep. 1984	
Description of System: Tank Capacity: 1500 SEPTIC TANK 150 B BOTTON	1
Leach Field ( ) Bed (: ) Seepage Pit (X) Square Feet: 350 D. S106	
Garbage Grinder Yes ( W No ( ) No. Bedrooms: 3 No. People 6	
As - Built Plan:	
N 156 291 1000 Can per	

PROPER MAINTENANCE OF YOUR PRIVATE SEWAGE DISPOSAL SYSTEM

- 2. For your protection sanitary pumpers are licensed by the Amherst Board of Health.
- Regular pumping is crucial to avoid early failure and costly repairs of the system.
- 4. DO NOT dispose into the system such items as rags, string, sanitary napkins, coffee grounds as they can cause it to clog and fail.
- 5. Further information can be obtained by contacting your Health Department at 253-7077.

				y	,

For: Donald La Verdiere

500 Station Rd.

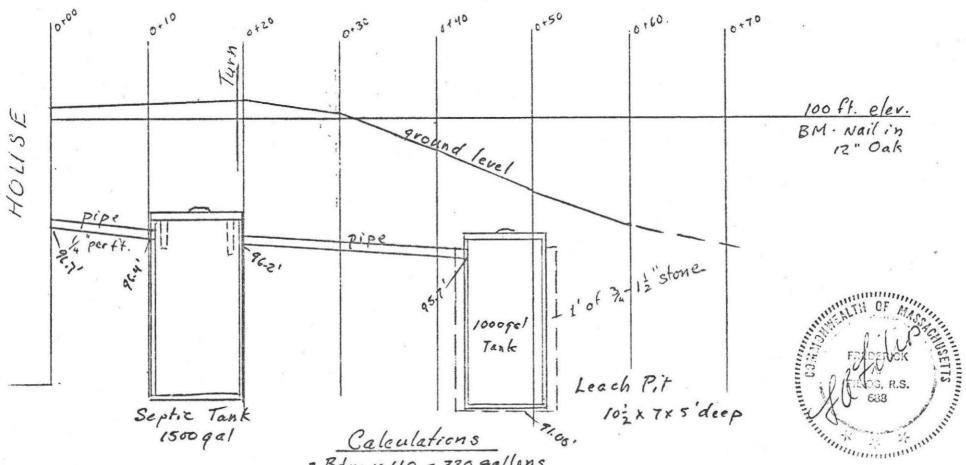
Amherst Mass

At: Amherst Woods Lot 28

Scale: Horizontal;

Vertical;

By: Frederick Filios



3 Bdm x 110 = 330 gallons

At: 2 minutes per inch

Sides: 2.5 gal. per sq. Pt.

Bottom: 1 gal. per sq. ft.

Sides 10 2 x 5 x 2 = 105 Sq. ft

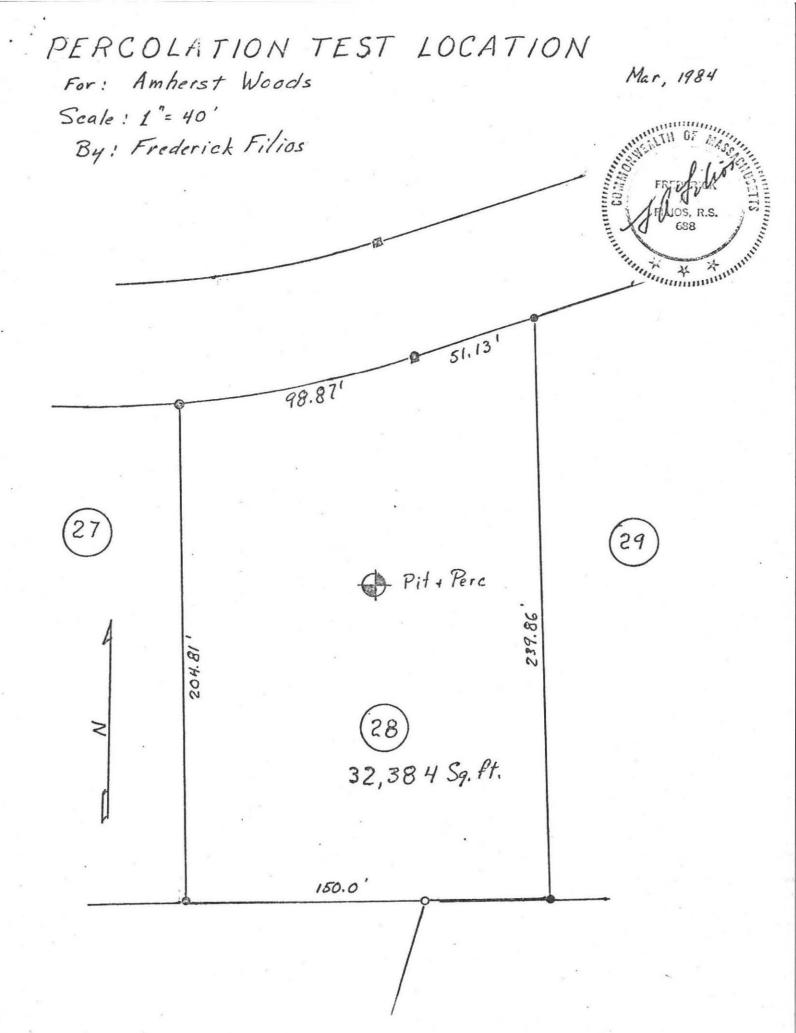
7 x 5 x 2 = 70 Sq. ft

175 x 2.5 = 437.5 gallons

Bottom 10 2 x 1 = 73.5 x 1 = 73.5 gallons

Total 511.0 gallons proposed

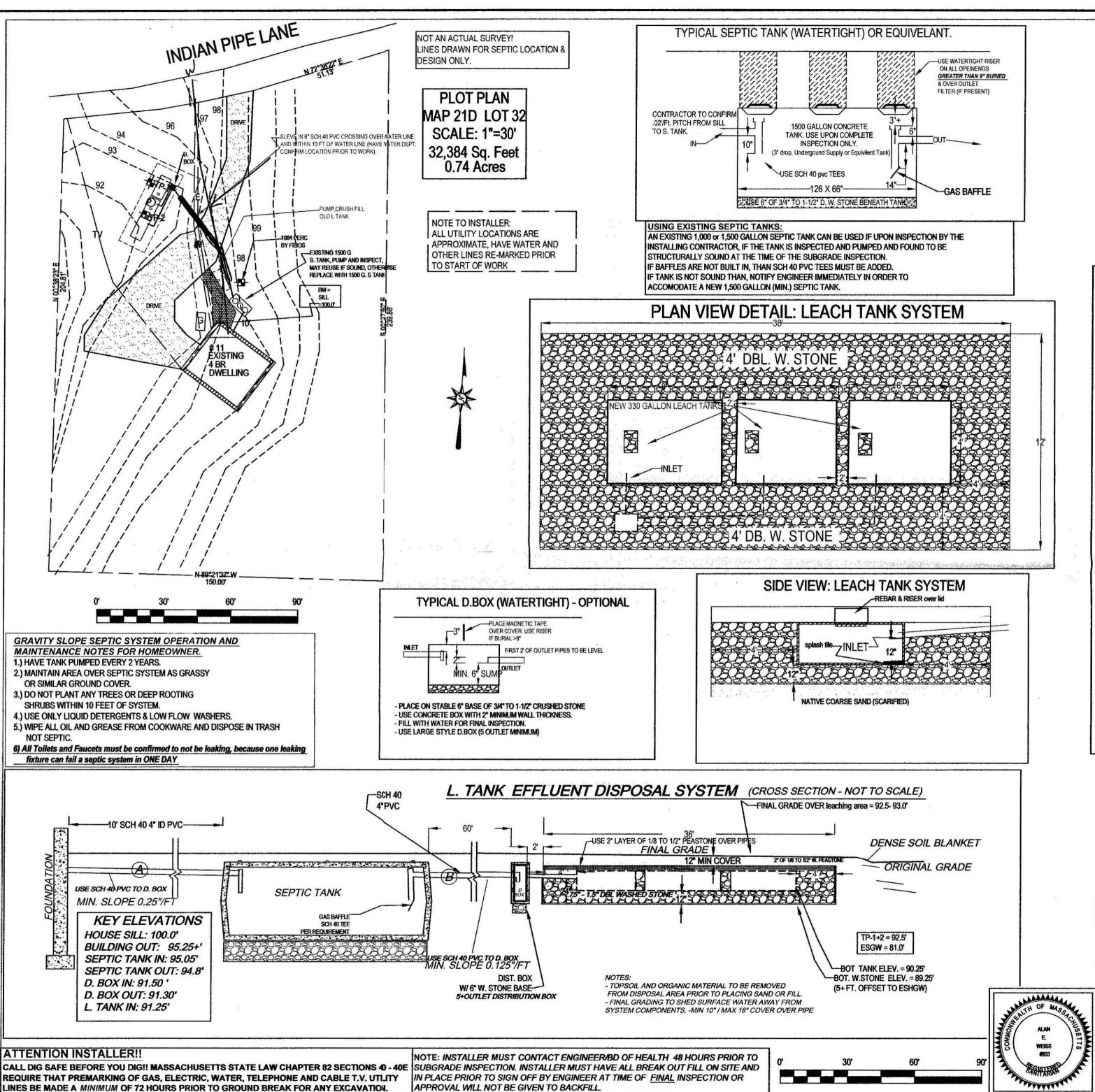
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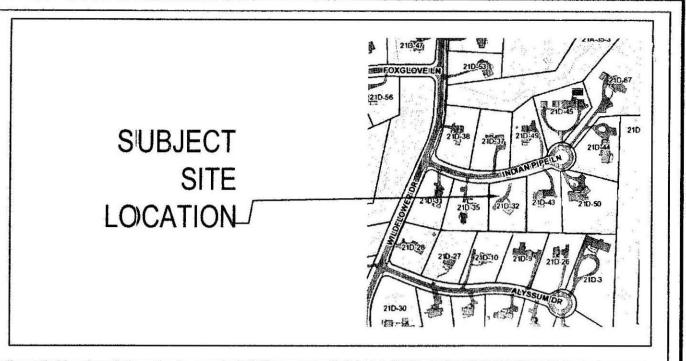


	2			-	
			*4		

## DEEP SOIL LOGS

		•	•
OWNER Amhe	erst Woods Phase II	Date	Mar. 21, 1984
LOCATION Amhe	est Woods Lot #28	OBSERVE	R F.A. Filios
· <u>S</u>	oil		* *
<b>T</b>	0-8" Topsoil	<b>T</b> 1	ſ
8	"-24" Subsoil		
Q 24	1-67" Coarse sand with gravel + some	cobbles .	
67	"-10" Coarse sand		
Ground W.	iler none	. Ground	Waler
不 1		<b>T</b> 1	* 1
·     .			* - "7
		.     :	
. 1			
	, .		
Grauna	1 Waler	Ground	Water
*			
	Percolation Rat		THERETH OF MACONING
	< 2 minutes/inc	ch	ndetick "
	•		S MENLIOS, R.S.





#### **DESIGN NOTE'S AND CALCULATIONS:**

1.) 4 (BEDROOM HO)ME) = 440 GPD. REQUIRED,

-Use Three 330 gal. 4' X 8' chamber GALLERY:12' WIDE X 36' LONG WITH 30" OF 3" TO 12" DBL WASHED STOINE BELOW INVERT

BOTTOM AREA:: 3 galleys X (12' W X 36' L) =432 SF.

- SIDE AREA: 3 GIALLEYS X (2' HT X36' L)X 2 SIDES =144 SF

- END AREA: 2 ENDS X (2.0' HT X 12' W) X 2 ENDS = 48 SF. - TOTAL AREA: 6:24 SF X .74 GAL/SF = 462 GPD

3. GARBAGE DISPOSAIL NOT ALLOWED, \*\*\*TO BE REMOVED\*\*\*.

4. NO WELLS WITHIN 1550 FEET OF SAS. (Town water)

5. NO WETLANDS WITHIN 100 FEET OF SAS,

6. USE S. TANK AS NOTIED & MAINTAIN 0.02 PITCH FROM SILL TO S. TANK

- INSTALL & INSPECT' SCH. 40 TEES / BAFFLES (10" INLET, 14" OUTLET).

- ALL COMPONENTS (OF NEW SYSTEM MUST BE MARKED WITH MAGNETIC TAPE, BE

SURE TO MAINTAIN 3" CLEARANCE FROM TOP OF TEES TO BOTTOM OF TANK COVERS & BOXES.

7. USE LARGE STYLE (66 OUTLET) D.BOX ONLY. 7A ALL D. BOX OUTLETT PIPES LEVEL FOR FIRST 2. BOXES MUST HAVE 2"+ CONC. WALLS

- D. BOXES WITH MOIRE THAN 9" OF COVER SOIL MUST HAVE RISERS TO 6" OF SURFACE. 7B ALL PLASTIC RISERS MUST BE SECURED WITH STAINLESS STEEL SCREWS.

8. USE APPROVED (.75"-1 1/2") DBL. WASHED STONE UNDER TANK & D. BOX FOR 6".

-CONFIRM STONE P!ROPERLY DOUBLE WASHED PRIOR TO PLACEMENT.

9. USE PROPER SCH. 400 PVC TEES AS SHOWN.

10. PRE & POST CONTOBURS NOTED AS NECESSARY, RESERVE AS NOTED (not required for repairs)

11. SLOPE CALCS (SEE (CONTOURS), SUBGRADE INSP. REQ'D.

13. USE GALLEYS DUE TO TOPOGRAPHY AND SPACE OF LOT WITH RESPECT TO LOCATION AND **ELEVATION OF RESIDENCE & PIPING UNDER SLAB (310 CMR 15.240)** 

14. USE 2% MIN. SLOPE | OVER SAS

- CLEAR TOP AND SLUB TO 36" MIN. AS NEEDED (INSPECTION REQUIRED).

- CLEAR PAST BASE: OF B (MIN. 36") & SCARIFY UNDER TRENCH PRIOR TO TITLE V SAND /STONE PLACEMENT.

- EXCAVATE EXISTING LOAM, SUB AND ANY EXISTING DEBRIS, DIRTY FILL OR PRIOR SYSTEM IF PRESENT.

15. SOIL EVALUATION BY A. WEISS, RS. (E. SMITH, BOH AGENT).

- DEPTH OF PERC. 500"

- PERC RATE = <2 MIN / IN,

- CLASS 1 C. Sand, SIOIL RATING

16. NO TREES WITHIN 110 FT. OF NEW LEACH AREA.

17. ENGINEER & TOWN TO INSPECT SUBGRADE, TOWN AND ENGINEER INSPECT AT FINAL.

18. BM=100.00 @ (PATIO) SLAB, BOT. SIDING as noted), CONFIRM PROPER PIPE SLOPES

- USE/INSPECT SCH.. 40 PIPE FOR PIPE FROM HOUSE TO NEW OR EXISTING TANK

19. GRADE MULCH AND SEED OVER SAS AS NOTED.

20. INSTALLATION IN LOW GROUNDWATER SEASON RECOMMENDED.

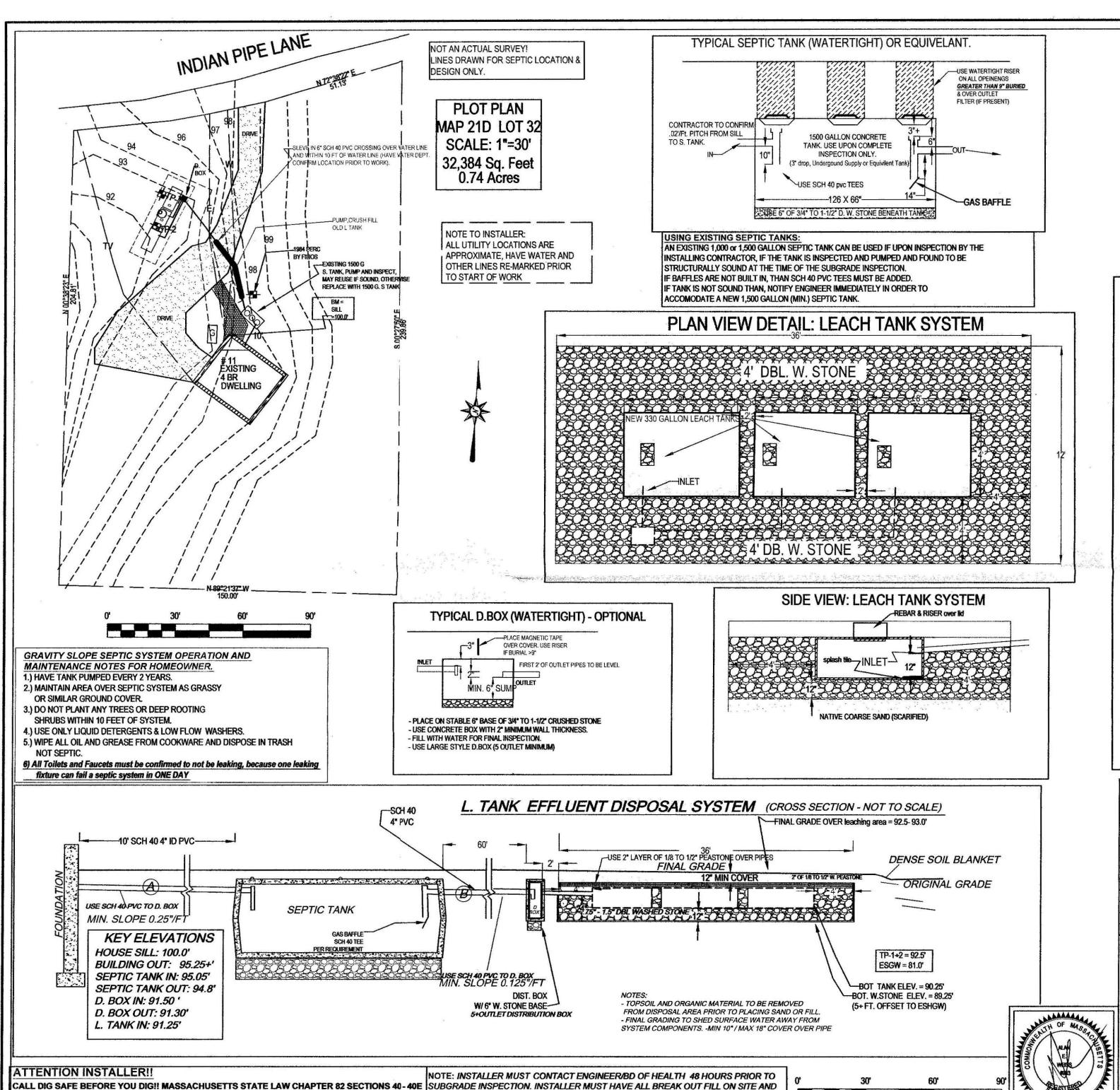
21. USE OBSERVATION IPORT NEAR CENTER OF STONE BED HAVE 4" PERFORATED, PVC INSPECTION PORTALS TO BOTTOM OF STONE BED. WITH RISER TO 3" OF SURFACE & THREADED CAP & MARK WITH RE-BAR..

TEST PIT LOG:				SOIL EVALUATOR: A. WEISS			100	DATE OF EVALUATION: 06.11.2013 AND 1988			
TP1	1				TP 1-88	ELEV:					
DEPTH:	HORIZ:	TEXTURE:	COLOR (MUNSELL):	MATERIAL:	DEPTH:	HORIZ:	TEXTURE:	(MUNSELL):	MATERIAL:		
0-12"	Α	FSL.	10 YR 3.3	FRIABLE	0-8"	Α	FSL		TOPSOIL		
12-35"	Bw	LS	10 YR 5.6	FRIABLE	8-24"	Bw	LS		SUBSOIL		
35-138"+	C1	CS	10 YR 4.4	COARSE SAND & GRAV.	24-120"	C1	S&G		COARSE SAND & GRAV.		
				10% BOULDERS AND COBBLES							
OXIDES: 138"+ not obs.		not obs. (assumed).	OXIDES:			not					
EHWT: 138"+					EHWT: 120"+						
STANDING H2O: Inot			STANDING H2O: not								
WEEPING: Inot			WEEPING: not			not					
BEDROCK: '138"+					BEDROCK: 13			120"+	20"+		

## SEPTIC SYSTEM DESIGN PLAN FOR MR DONALD DAVID 11 INDIAN PIPE LANE AMHERST, MA

#### Cold Spring Environmental Consultants Inc. 350 Old Enfield Road Belchertown, MA. 01007

PHONE: (413) 32:3-5957 FAX: (413) 323-4916 e-Mail: AEWEISS@charter.net **ALAN WEISS** 07.05.2013 DRAWING NUMBER: 113-4121-0611 1"=30"

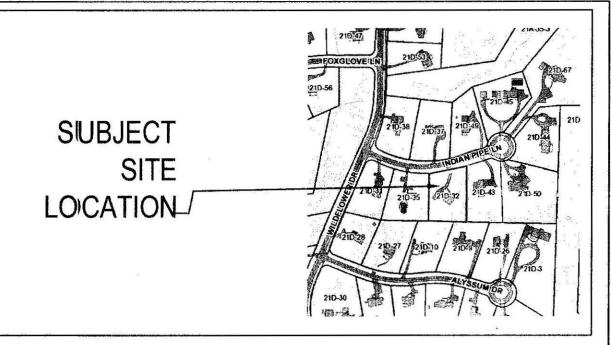


IN PLACE PRIOR TO SIGN OFF BY ENGINEER AT TIME OF FINAL INSPECTION OR

APPROVAL WILL NOT BE GIVEN TO BACKFILL.

REQUIRE THAT PREMARKING OF GAS, ELECTRIC, WATER, TELEPHONE AND CABLE T.V. UTILITY

LINES BE MADE A MINIMUM OF 72 HOURS PRIOR TO GROUND BREAK FOR ANY EXCAVATION



#### **DESIGN NOTES AND CALCULATIONS:**

1.) 4 (BEDROOM HOIME) = 440 GPD. REQUIRED,

-Use Three 330) gal. 4' X 8' chamber GALLERY:12' WIDE X 36' LONG WITH 30" OF  $\frac{3}{4}$  TO  $\frac{1}{2}$ 

DBL WASHED STOME BELOW INVERT

- BOTTOM AREA:: 3 galleys X (12' W X 36' L) =432 SF. - SIDE AREA: 3 G/ALLEYS X (2' HT X36' LIX 2 SIDES =144 SF

- END AREA: 2 ENIDS X (2.0' HT X 12' W) X 2 ENIDS = 48 SF.

- TOTAL AREA: 624 SF X .74 GAL/SF = 462 GPD

3. GARBAGE DISPOSAL NOT ALLOWED, \*\*\*TO BE REMOVED\*\*\*.

NO WELLS WITHIN 150 FEET OF SAS. (Town water)
 NO WETLANDS WITHIN 100 FEET OF SAS,

6. USE S. TANK AS NOTED & MAINTAIN 0.02 PITCH FROM SILL TO S. TANK

- INSTALL & INSPECT (SCH. 40 TEES / BAFFLES (10" INLET, 14" OUTLET),

- ALL COMPONENTS (OF NEW SYSTEM MUST BE MARKED WITH MAGNETIC TAPE, BE SURE TO MAINTAIN 3" CLEARANCE FROM TOP OF TEES TO BOTTOM OF TANK COVERS & BOXES.

7. USE LARGE STYLE (6) OUTLET) D.BOX ONLY.

7A ALL D. BOX OUTLET' PIPES LEVEL FOR FIRST 2'. BOXES MUST HAVE 2"+ CONC. WALLS NOTE:

D. BOXES WITH MOFRE THAN 9" OF COVER SOIL MUST HAVE RISERS TO 6" OF SURFACE.
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8. USE APPROVED (.75"-11 1/2") DBL. WASHED STONE UNDER TANK & D. BOX FOR 6".

-CONFIRM STONE PROPERLY DOUBLE WASHED PRIOR TO PLACEMENT.

9. USE PROPER SCH. 40 ) PVC TEES AS SHOWN.

PRE & POST CONTOURS NOTED AS NECESSARY, RESERVE AS NOTED (not required for repairs)
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15. SOIL EVALUATION BY/ A. WEISS, RS. (E. SMITH, BOH AGENT).

- DEPTH OF PERC. 50)\*

- PERC RATE = <2 MIIN / IN,

- CLASS 1 C. Sand, SCIL RATING
16. NO TREES WITHIN 100 FT. OF NEW LEACH AREA.

17. ENGINEER & TOWN T/O INSPECT SUBGRADE, TOWN AND ENGINEER INSPECT AT FINAL.

18. BM=100.00 @ (PATIO :SLAB, BOT. SIDING as noted), CONFIRM PROPER PIPE SLOPES - USE/INSPECT SCH. 40 PIPE FOR PIPE FROM HOUSE TO NEW OR EXISTING TANK

19. GRADE MULCH AND SEED OVER SAS AS NOTED.

20. INSTALLATION IN LOW GROUNDWATER SEASON RECOMMENDED.

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0-12"	Α	FSL	10 YR 3.3	FRIABLE	0-8"	Α	FSL		TOPSOIL
12-35*	Bw	LS	10 YR 5.6	FRIABLE	8-24"	Bw	LS		SUBSOIL
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				10% BOULDERS AND COBBLES					
OXIDES:	<b></b>	L	138"+	not obs. (assumed).	OXIDES:	1	L	not	
EHWT: 1 38"+					EHWT: 120"+			120"+	
STANDIN	IG H2C	):	mot		STANDIN	NG H2C	:	not	
WEEPING: mot				WEEPING: not			not		
BEDROCK: 1/38"+			BEDROCK:			120"+			

## SEPTIC SYSTEM DESIGN PLAN FOR MR DONALD DAVID 11 INDIAN PIPE LANE AMHERST, MA

#### Cold Spring Environmental Consultants Inc. 350 Old Enfield Road Belchertown, MA. 01007

PHDNE: (413) 3233-5957 FAX: (413) 323-4916	e-Mail: AEWETSS@charter.net			
DATE: 07.05.2013	DRAWN BY: ALAN WEISS	REVISED:		
SCALE: 1"=30'		DRAWING NUMBER: 113-4121-0611		