ARKANSAS DEPARTMENT OF HEALTH

DIVISION OF ENVIRONMENTAL HEALTH

SEWAGE DISPOSAL SYSTEM APPLICATION, DRAWING AND REQUIREMENTS

NAME	NAME OF DR	COUNTY
Cody Bostic	Mike O'connor	White

ADDRESS: 282 Mt Pisgah Rd, Searcy

TYPE OF SYSTEM: STD/Pump

CHECKLIST	YES	NO
VICINITY MAP	✓	
DRAWING TO SCALE 1"=20' OR 30'	✓	
NORTH INDICATED	✓	
DIMENSIONS SHOWN AND PROPERTY LINES DEFINED	✓	
STRUCTURES SHOWN	✓	
DRIVEWAY SHOWN	✓	
WATER SUPPLY LINE OR WELL SHOWN	✓	
ADJOINING WELLS/SEPTIC SYSTEMS INDICATED	—	—
ALL SEPTIC SYSTEM SETBACKS OBSERVED	✓	
ELEVATION SHOTS OR ROD READINGS FOR ALL PARTS OF SYSTEM	✓	
SEPTIC TANK: PROPER SIZE AND LOCATION	✓	
LID OF SEPTIC TANK: __ABOVE__LEVEL__BELOW GROUND	✓	
UNUSUAL SOIL OR TOPOS SHOWN	—	—
LOCATION OF TEST HOLES	✓	
LOCATION OF SOIL BORING(s)	—	—
OBSERVATIONS AND OTHER FINDINGS		

CHECKLIST	YES	NO
SEWER STUBOUT DEPTH: TOP OR BOTTOM OF PIPE INDICATED ON PLANS AND ONSITE	✓	
CLEAN OUT(S) SHOWN	✓	
PIPE SPECIFICATIONS- ALL PARTS OF SYSTEM	✓	
ABSORPTION AREA CORRECT SIZE	✓	
ABSORPTION TRENCHES DEPTH/CONTOUR INDICATED	✓	
SECONDARY AREA INDICATED AND SIZED	✓	
SOIL DETERMINATION IN SECONDARY SITE	✓	
SOIL PROFILE FROM BORE	—	—
PUMPED EFFLUENT SYSTEMS: PUMP SPECS INDICATED(HEAD, GPM, EFFLUENT GRADE, PUMP TANK SIZE, ETC.)	✓	
DIVERSION DEVICE: APPROVED TYPE AND PROPERLY LOCATED	✓	
PRESITE CONDUCTED	✓	
SYSTEM STAKED. STAKES IDENTIFIED	✓	
LATERALS FLAGGED, BEGINNING AND END	✓	
TEST HOLES FLAGGED	✓	
SOIL BORE(S) FLAGGED	—	—

EHS SIGNATURE: #151

DATE: 11/10/26

SITE EVALUATION FORM

Applicant Cody Bostic Permit Application 28895005

Evaluator Maygun Butler #151 Date 11/10/26

PIT # OR LOCATION primary

DEPTH (inches)	MATRIX COLOR	REDOX COLOR	SOIL TEXTURE	SOIL STRUCTURE
22				
32				

Depth to Seasonal Water Table
Brief SWT 22
Moderate SWT 32 (Adjusted) 29
Long SWT / (Adjusted) /
Depth to Bedrock /

Hydraulic Conductivity
High ____ to ____ inches
Moderate ____ to ____ inches
Low ____ to ____ inches
Percent slope ____

0.75

PIT# OR LOCATION secondary

DEPTH (inches)	MATRIX COLOR	REDOX COLOR	SOIL TEXTURE	SOIL STRUCTURE
20				
35				

Depth to Seasonal Water Table
Brief SWT 20
Moderate SWT 35 (Adjusted) 30
Long SWT / (Adjusted) /
Depth to Bedrock /

Hydraulic Conductivity
High ____ to ____ inches
Moderate ____ to ____ inches
Low ____ to ____ inches
Percent slope ____

0.75

NOTES:

Arkansas Department of Health
Environmental Health Protection

Receipt Number 28895005

Individual Onsite Wastewater System Permit Application

Permit Type ☒ New Installation ☐ Alteration / Repair

DR Environmental ID # 0 0 2 9 0 0 0 2 2 2 0

Fee Schedule for Structures		√
Structures 1500 sq ft or less	$ 30.00	☐
Structures more than 1500 sq ft and up to 2000 sq ft	$ 45.00	☐
Structures more than 2000 sq ft and up to 3000 sq ft	$ 90.00	☒
Structures more than 3000 sq ft and up to 4000 sq ft	$120.00	☐
Structures more than 4000 sq ft	$150.00	☐
Alteration and Repair	$ 30.00	☐

Part 1 Application

Treatment Type (check one)
☒ STD = Standard Septic Tank ☐ ATU = Aerobic Treatment Plant
☐ ISF = Intermittent Sand Filter ☐ RSF = Re-circulating Sand Filter
☐ PMF = Proprietary Media Filter ☐ RGF = Re-circulating Gravel Filter
☐ OTH = Other (Describe) ☐ HLD = Holding Tank

Disposal Method (check one)
☒ STD = Standard Absorption Field ☐ LPD = Low Pressure Distribution
☐ SUR = Surface Discharge ☐ HLD = Holding Tank
☐ CPF = Capping Fill ☐ SRL = Serial Distribution
☐ OTH = Other ☐ DRP = Drip Irrigation

1. Owner's/Applicant's Name Cody Bostic	2. Phone Number 501-428-5541
3. Mailing Address 1211 Ridgefield Circle Searcy, AR 72143	4. County White

5. Address of Proposed System (If a 911 address is not available, attach detailed directions or map)
282 Mt. Pisgah Rd. Searcy, AR 72143

6. Subdivision Name N/A	7. Approval Date N/A	8. Date Recorded N/A	9. Lot Number N/A
10. Lot Dimensions 331 X 525	11. Total Area (Acres) 4	12. # Bedrooms # People 4	13. Daily Flow (GPD) 450

14. Brief Legal Description of Property (Attach a separate sheet of paper, if necessary)
Part of the Sw 1/4, Sw 1/4 Sec 23 T8N R8W

15. Water Supply (Specify supplier, if Public Water) SWOC	16. GPS Coordinates N38° 18' 5" W91° 50' 7"

17. Loading Rates	(gpd/ft²)	18. System Specifications						
Primary Area	.75	a. Size of Septic Tank	1250	gal	f. Trench Depth	18	inches	
Secondary Area	.75	b. Size of Dose Tank	250	gal	g. Trench Spacing	10	feet	
Percolation Test	(min/in)	c. Absorption Area	600	ft²	h. Trench Media (List Below)		i.Trench Width	
Primary Area Avg		d. Number of Field Lines	3		EQ 24		18	in
Secondary Area		e. Length of Field Lines	100	ft	Pipe & Gravel		24	in

TO THE OWNER
The permit for construction may be deemed invalid by the local Environmental Health Specialist before the start of construction, if the site and/or soil conditions have changed after approval of this permit, or if the information within this permit is inaccurate or has been found to be misrepresented. Approval for operation does not constitute a guarantee that the system will function properly. The approval states that the system was designed and installed according to the Arkansas Department of Health, Rules and Regulations Pertaining to Onsite Wastewater Systems, unless there are exceptions or deviations noted in the comments. A Permit for Construction is valid for one (1) year from the date of approval. The authorized agent must revalidate a permit more than one (1) year old prior to the start of any construction.

19. Utilization Verification
I hereby attest that item 12, the number of bedrooms (number of persons for commercial) and square footage of the structure that will utilize the designed individual onsite wastewater system in this permit application, is accurate. I have reviewed the permit application and understand the layout, installation, maintenance, operation and expense(s) that may be associated with this system.

Owner/Applicant Signature _____ Date _____

20. I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations Pertaining to Onsite Wastewater Systems.

Designated Representative Signature | Designated Representative | Soil Certified ☒ Yes ☐ No

Title

Mike O'Connor | 11-5-2026 | 501-517-7198

Print Name | Date | Phone Number

21. Approval of Health Authority
The information and specifications in the application has been reviewed and found to meet the requirements of the Arkansas Department of Health Rules and Regulations Pertaining To Onsite Wastewater Systems. A PERMIT FOR CONSTRUCTION is hereby issued.

Environmental Specialist Signature | 151 EHS Number | 11/10/26 Date

Individual Onsite Wastewater System Permit Application

Receipt Number

Continue Part 1

22. Soil Criteria (Primary Area)			Indicate the depth to items a-f, if observed in the soil (designate in inches)				
a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C./Depth	h. Loading Rate (gpd/ft^2)
6'+	22	32	N/A	29	N/A	Mod/3'	.75

23. Soil Criteria (Secondary Area)			Indicate the depth to items a-f, if observed in the soil (designate inches)				
a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C./Depth	h. Loading Rate (gpd/ft^2)
6'+	20	35	N/A	30	N/A	Mod/3'	.75

24. Seasonal Water Table (SWT) Classes Detail

Primary Area			List Redoximorphic Features and/or Clay Content Restrictions
Brief	22	in	10YR5/4
Moderate	32	in	10YR6/2 mottles
Long		in	
Secondary Area			**List Redoximorphic Features and/or Clay Content Restrictions**
Brief	20	in	10YR5/5
Moderate	35	in	10YR6/2 Mottles
Long		in	

Comments Cody.bostic@flywheelenergy.com

Part 2 Installation Inspection

Septic tank manufacturer	Pump information
Septic tank material	Trench media and width
Dose tank manufacturer	Depth of interceptor drain
Dose tank material	Depth of settled fill

Name of Installer _____ License Number _____

Installation Inspected by ☐ Environmental Health Specialist ☐ Designated Representative
(check one or installer signs System Installation Verification below)

_____ _____ _____
Signature EHS / License Number Date

System Installation Verification
I have installed this system as designed and in compliance with all Rules and Regulations Pertaining to Onsite Wastewater Systems.

_____ _____ _____
Installer Signature License Number Date

Part 3 Permit for Operation

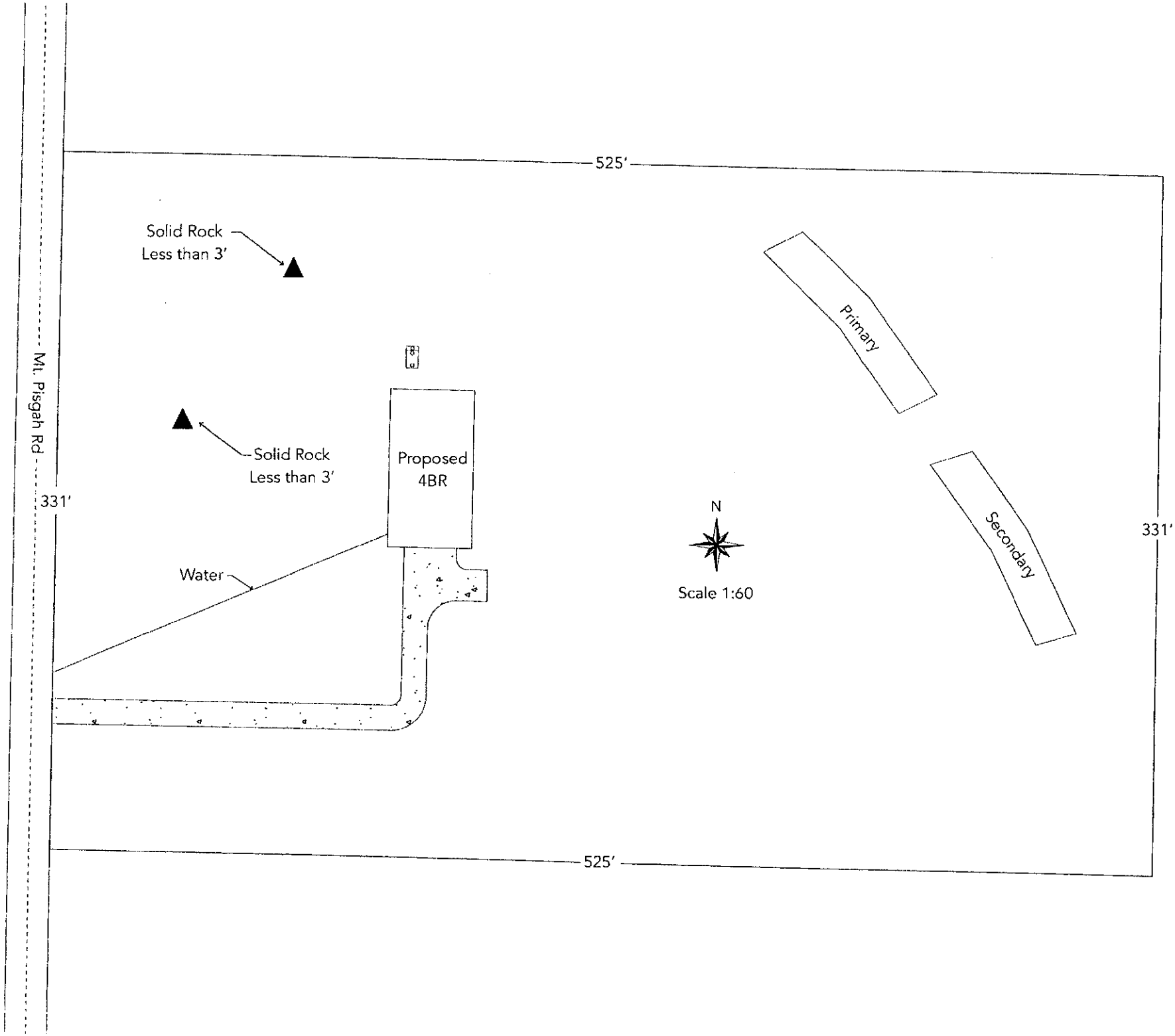
The information contained in Part 1 and 2 of this form has been reviewed and found to meet the requirements of the Arkansas Department of Health. THE PERMIT FOR OPERATION of this system is hereby issued.

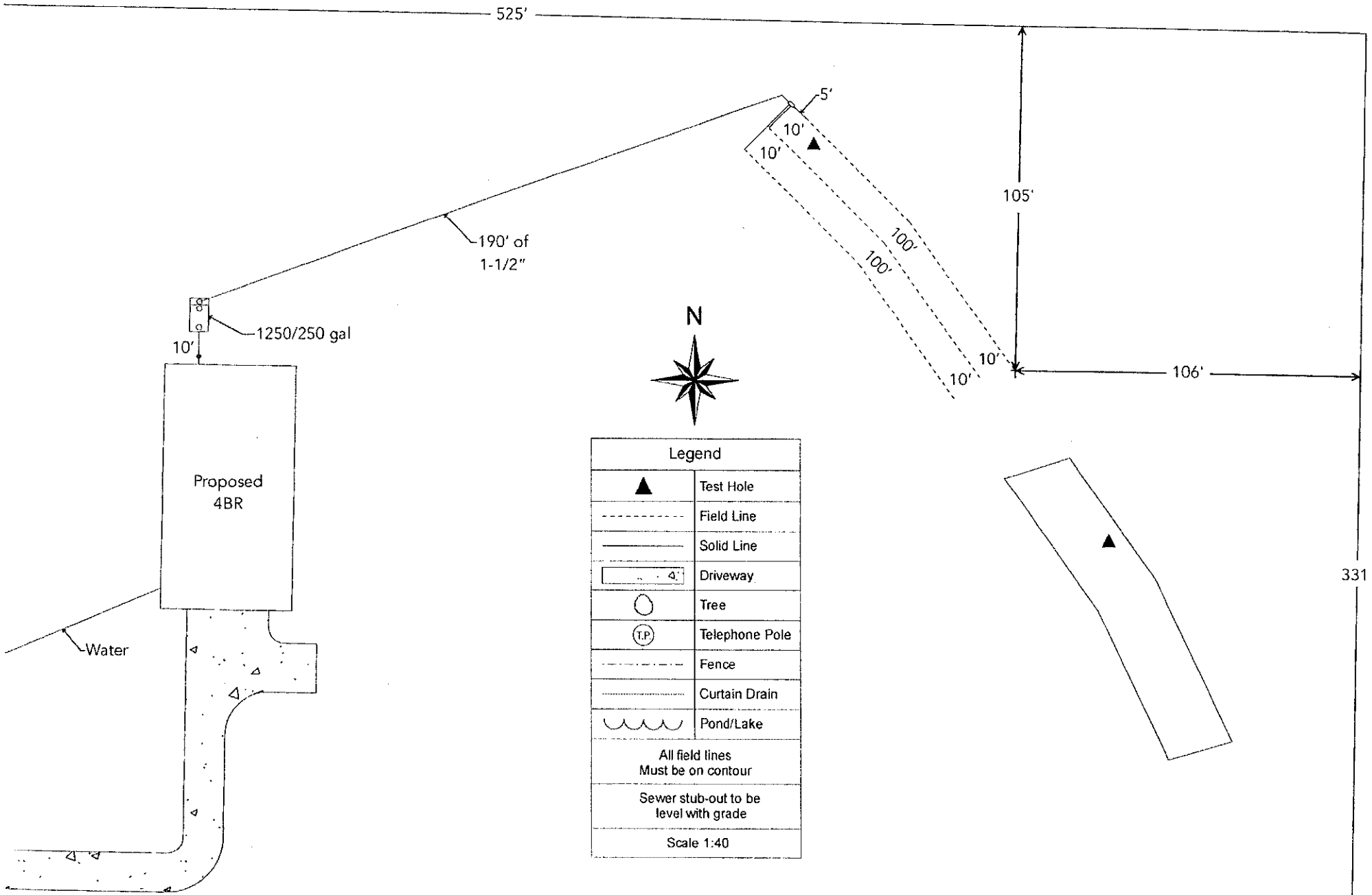
Environmental Health Specialist _____ _____ _____
Signature EHS Number Date

Comments

Site Revalidation conducted by ☐ Environmental Health Specialist ☐ Designated Representative
(check one)

_____ _____ _____
Signature EHS / License Number Date


525'
Solid Rock
Less than 3'
Primary
Mt. Pisgah Rd
Solid Rock
Less than 3'
Proposed
4BR
331'
N
Secondary
331'
Water
Scale 1:60
525'


525'
5'
10'
10'
105'
100'
100'
10'
10'
106'
331'
190' of
1-1/2"
1250/250 gal
10'
Proposed
4BR
Water
N
Legend
Test Hole
Field Line
Solid Line
Driveway
Tree
T.P.
Telephone Pole
Fence
Curtain Drain
Pond/Lake
All field lines
Must be on contour
Sewer stub-out to be
level with grade
Scale 1:40

All readings are rod readings/All pipe elevations are flowline elevations

PRIMARY SITE	Ground Elevation			Pipe Elevation		
Stub Out	5'10"			5'10"		
Septic tank IN	6'			7'		
Septic tank OUT	6'			Dosed		
D-Box IN	3'			3'10"		
D-Box OUT	3'			4'		
	Begin	Mid	End	Begin	Mid	End
Ln 1	3'	3'	3'	4'6"	4'6"	4'6"
Ln 2	3'1"	3'1"	3'1"	4'7"	4'7"	4'7"
Ln 3	3'2"	3'2"	3'2"	4'8"	4'8"	4'8"
Ln 4						
Ln 5						
Ln 6						
Benchmark	NW property corner 2"					

CAL

Pump Specs

450 Water Usage in GPD 0.25

112.5 Gallon Dose / By 10 Minutes = 11 Gallons per Minute to be pumped

Ground Elevation At Dose Tank = 6 (ft)

Ground Elevation At Dist. Box = 3 (ft)

3 Difference In Ground Elevation + 4.25' Depth in Dose Tan 7.25 = Total Difference in Elevation

Total Distance to be pumped = 190 (ft)

Friction Loss on 1 1/2 (in) Schedule 40 P. V. C. Pipe: 0.9 X 1.9 = 1.71 (ft)

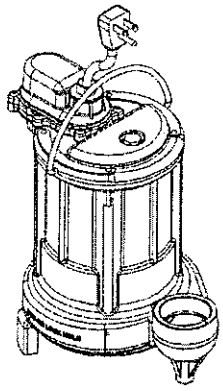
1.71 + 7.25 = 8.96 Total Head

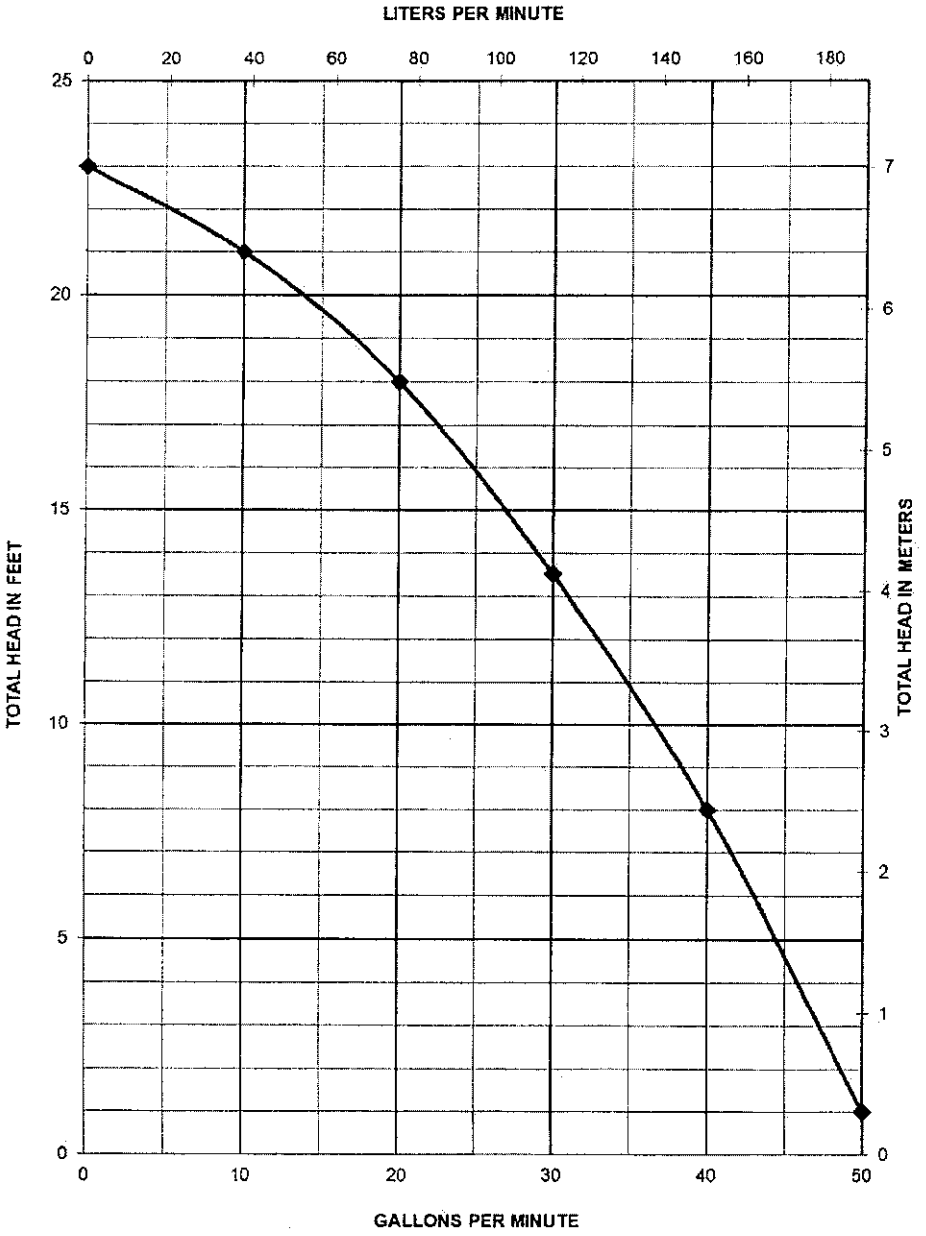
Pump must be capable of 11 GPM @ 8.96 TDH

Liberty Pumps®

Pump Specifications

250-Series Submersible Sump / Effluent Pump





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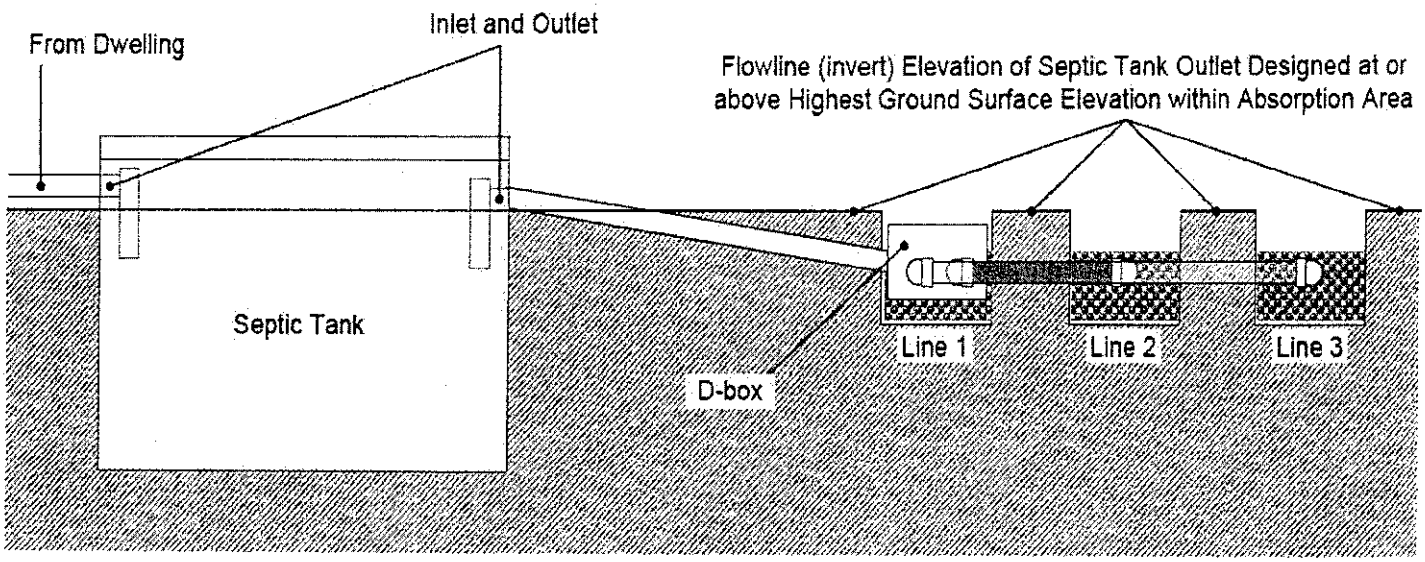
Liberty Pumps

Appendix G

Drawings

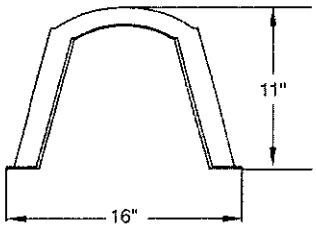
Fig. 1

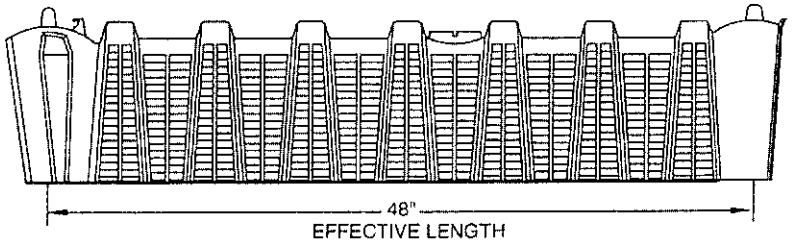
Maximum Storage on Level Ground



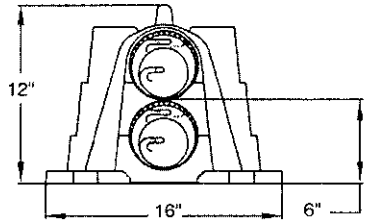
- The slope across the drain field starting from the first line to the last line is < 6 inches.
- The outlet flow line of the septic tank is at or above the highest ground elevation within absorption area.
- Distribution box height is not critical.

Quick4 Equalizer 24 Chamber

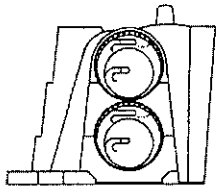




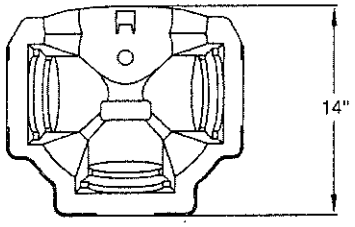
MultiPort EndCap



FRONT VIEW

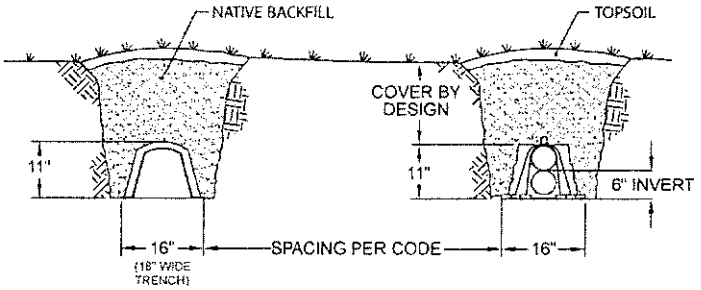


SIDE VIEW



TOP VIEW

Typical Trench View



Quick4® Equalizer 24 Chamber Specifications	
Size	16"W x 53"L x 11"H (406 mm x 1346 mm x 279 mm)
Effective Length	48" (1219 mm)
Louver Height	9.10" (231 mm)
Storage Capacity	21 gal (79 L)
Invert Height	6" (152 mm)

INFILTRATOR
water technologies

4 Business Park Road
P.O. Box 768
Old Saybrook, CT 06475
860-577-7000 • Fax 860-577-7001
1-800-221-4436
www.infiltratorwater.com

INFILTRATOR WATER TECHNOLOGIES STANDARD LIMITED WARRANTY

(a) The structural integrity of each chamber, endcap and other accessory manufactured by Infiltrator ("Units"), when installed and operated in a leachfield of an onsite septic system in accordance with Infiltrator's instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date that the septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required by applicable law, the warranty period will begin upon the date that installation of the septic system commences. To exercise its warranty rights, Holder must notify Infiltrator in writing at its Corporate Headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for Units determined by Infiltrator to be covered by this Limited Warranty. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

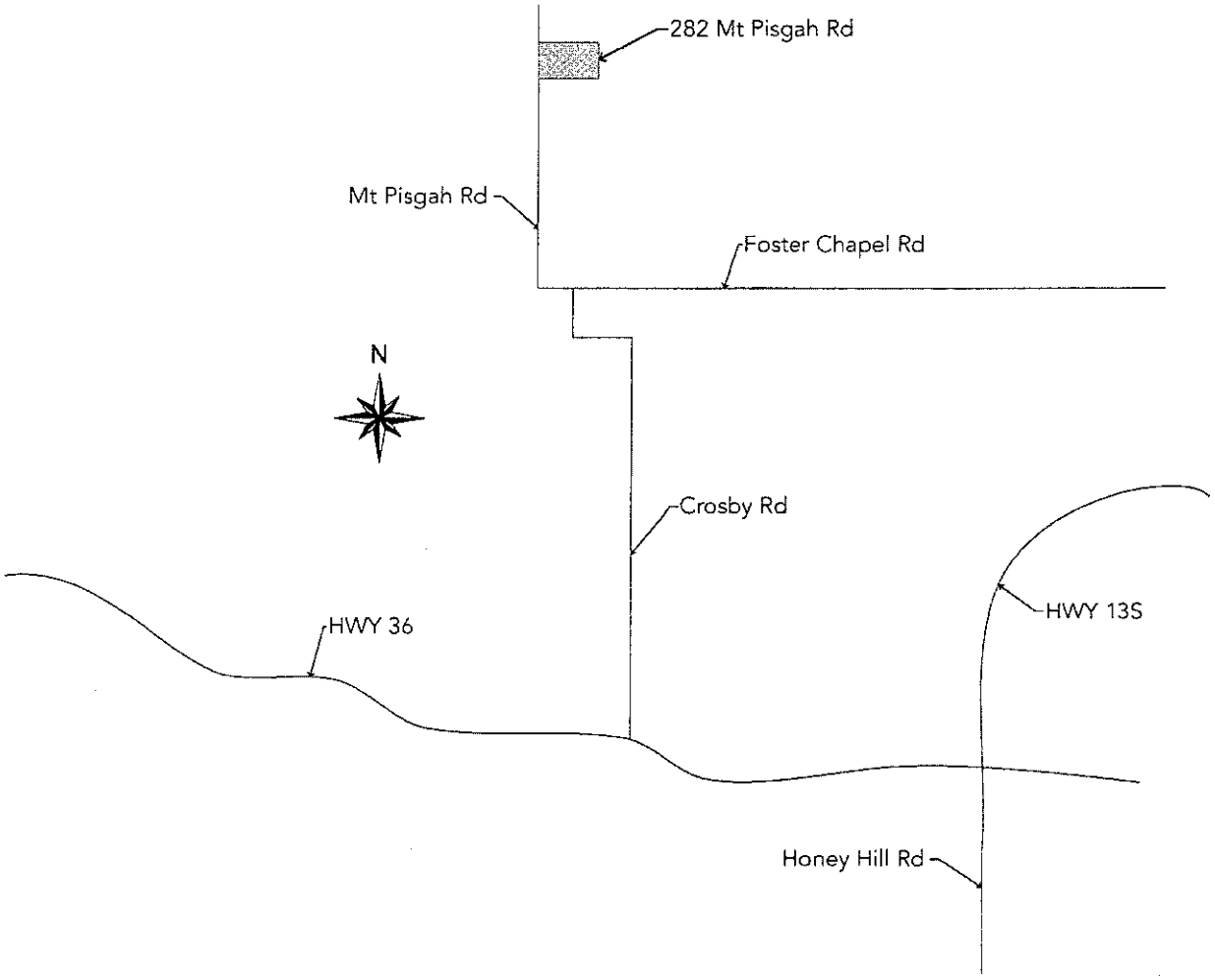
(c) This Limited Warranty shall be void if any part of the chamber system is manufactured by anyone other than Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages. Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units; the Units being subjected to vehicle traffic or other conditions which are not permitted by the installation instructions; failure to maintain the minimum ground covers set forth in the installation instructions; the placement of improper materials into the system containing the Units; failure of the Units or the septic system due to improper siting or improper sizing, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by Infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty. Further, in no event shall Infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or shipment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all site conditions required by state and local codes; all other applicable laws; and Infiltrator's installation instructions.

(d) No representative of Infiltrator has the authority to change or extend this Limited Warranty. No warranty applies to any party other than the original Holder.

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's Corporate Headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.

U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844 Canadian Patents: 1,329,959; 2,004,564 Other patents pending.
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