

BK: 2026 PG: 2767
Recorded: 9/16/2026 at 10:07:56.0 AM
Pages 28
County Recording Fee: \$0.00
Iowa E-Filing Fee: \$0.00
Combined Fee: \$0.00
Revenue Tax: \$0.00
BRANDY L. MACUMBER, RECORDER
Madison County, Iowa

REAL ESTATE TRANSFER - GROUNDWATER HAZARD STATEMENT
TO BE COMPLETED IN FULL BY TRANSFEROR

If the transaction is exempt from filing a declaration of value pursuant to Iowa Code 428A.1(2), **STOP HERE**. Pursuant to Iowa Code section 558.69(1), when no declaration of value is submitted during a transaction, you are not required to submit a groundwater hazard statement or include the statutory language in Iowa Code section 558.69(8A). Please consult your realtor or legal counsel for further advice, including on whether a declaration of value is required. The Department provides this information for statutory reference only.

Instructions for this document can be found at:

<https://www.iowadnr.gov/Portals/idnr/uploads/forms/5420960%20Instructions.pdf>

Attachment 1, if required, can be found at: <https://www.iowadnr.gov/Portals/idnr/uploads/forms/5420960a.pdf>

TRANSFEROR:

Name William K. Lindsey

Address	PO Box 258	Van Meter	IA	50261
	Number and Street or RR	City, Town or PO	State	Zip

TRANSFeree:

Name Robert Reisz

Address	1012 Terrace Ct.	Van Meter	Iowa	50261
	Number and Street or RR	City, Town or PO	State	Zip

Address of Property Transferred:

1012 Terrace Ct., Van Meter, IA 50261

Number and Street or RR	City, Town or PO	State	Zip
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Legal Description of Property: (Attach if necessary)

Lot Two (2) of Lindsey Farm Plat (2), located in the Northwest Quarter (1/4) of the Northwest Fractional Quarter (1/4) of Section Five (5), in Township Seventy-seven (77) North, Range Twenty-six (26) West of the 5th P.M., Madison County, Iowa.

1. Wells (check one)

- ☒ No Condition - There are no known wells situated on this property.
☐ Condition Present - There is a well or wells situated on this property. The type(s), location(s) and legal status are stated below or set forth on an attached separate sheet, as necessary.

2. Solid Waste Disposal (check one)

- ☒ No Condition - There is no known solid waste disposal site on this property.
☐ Condition Present - There is a solid waste disposal site on this property and information related thereto is provided in Attachment #1, attached to this document.

3. Hazardous Wastes (check one)

- ☒ No Condition - There is no known hazardous waste on this property.
☐ Condition Present - There is hazardous waste on this property and information related thereto is provided in Attachment #1, attached to this document.

4. Underground Storage Tanks (check one)

- ☒ No Condition - There are no known underground storage tanks on this property. (Note exclusions such as small farm and residential motor fuel tanks, most heating oil tanks, cisterns and septic tanks, in instructions.)
☐ Condition Present - There is an underground storage tank on this property. The type(s), size(s) and any known substance(s) contained are listed below or on an attached separate sheet, as necessary.

5. Private Burial Site (check one)

- ☒ No Condition - There are no known private burial sites on this property.
☐ Condition Present - There is a private burial site on this property. The location(s) of the site(s) and known identifying information of the decedent(s) is stated below or on an attached separate sheet, as necessary.

6. Private Sewage Disposal System (check one)

- ☐ No Condition - All buildings on this property are served by a public or semi-public sewage disposal system.
☐ No Condition - This transaction does not involve the transfer of any building which has or is required by law to have a sewage disposal system.
☒ Condition Present - There is a building served by private sewage disposal system on this property or a building without any lawful sewage disposal system. A certified inspector's report is attached which documents the condition of the private sewage disposal system and whether any modifications are required to conform to standards adopted by the Department of Natural Resources. A certified inspection report must be accompanied by this form when recording.
☐ Condition Present - There is a building served by private sewage disposal system on this property. Weather or other temporary physical conditions prevent the certified inspection of the private sewage disposal system from being conducted. The buyer has executed a binding acknowledgment with the county board of health to conduct a certified inspection of the private sewage disposal system at the earliest practicable time and to be responsible for any required modifications to the private sewage disposal system as identified by the certified inspection. A copy of the binding acknowledgment is attached to this form.
☐ Condition Present - There is a building served by private sewage disposal system on this property. The system is failing to ensure effective wastewater treatment or is otherwise improperly functioning, and the buyer has executed a binding acknowledgment with the county board of health to install a new private sewage disposal system on this property within an agreed upon time period. A copy of the binding acknowledgment is provided with this form.
☐ Condition Present - There is a building served by private sewage disposal system on this property. The building to which the sewage disposal system is connected will be demolished without being occupied. The buyer has executed a binding acknowledgment with the county board of health to demolish the building within an agreed upon time period. A copy of the binding acknowledgment is provided with this form. [Exemption #7]
☐ Condition Present - There is a building served by private sewage disposal system on this property. This property is exempt from the private sewage disposal inspection requirements pursuant to the following
Exemption [Note: for exemption #7 use prior check box]: _____
☐ Condition Present - There is a building served by private sewage disposal system on this property. The private sewage disposal system has been installed within the past two years pursuant to permit number:

Review the following two directions carefully:

- A. If you selected a box stating "No Condition" for every numbered section above, **STOP HERE**. Do not submit this form. Instead, pursuant to Iowa Code section 558.69(8A), you must include the following language on the first page of the recorded deed, instrument, or other writing:

"There is no known private burial site, well, solid waste disposal site, underground storage tank, hazardous waste, or private sewage disposal system on the property as described in Iowa Code section 558.69, and therefore the transaction is exempt from the requirement to submit a groundwater hazard statement."

Please consult your realtor or legal counsel for further advice on this exemption. By law, the owner of the property is responsible for the accuracy of this statement, and the Department provides this information for statutory reference only.

- B. If you checked any box stating "Condition Present" for any of the numbered sections above, continue below. You must complete this form, including providing all required information, and you must submit this form to the county recorder's office with declaration of value.

Information required by statements checked above should be provided here or on separate sheets attached hereto:

I HEREBY DECLARE THAT I HAVE REVIEWED THE INSTRUCTIONS FOR THIS FORM AND THAT THE INFORMATION STATED ABOVE IS TRUE AND CORRECT.

Signature:

William Lindsey
(Transferor or Agent)

Telephone No.:

5155560847

CERTIFICATE *of* SIGNATURE

REF. NUMBER
Y5BPA-U2A3J-RNGNG-WUF7R

DOCUMENT NOTARIZED ONLINE USING AUDIO-VIDEO COMMUNICATION ON
20 AUG 2026 15:40:42
UTC

SIGNER

WILLIAM LINDSEY

EMAIL
LDWALLS83@GMAIL.COM

TIMESTAMP

SENT
20 AUG 2026 15:39:27
VIEWED
20 AUG 2026 15:39:30
SIGNED
20 AUG 2026 15:40:42

SIGNATURE

William Lindsey

IP ADDRESS
172.56.86.202

LOCATION
PHOENIX, UNITED STATES

RECIPIENT VERIFICATION

EMAIL VERIFIED
20 AUG 2026 15:39:30
KNOWLEDGE-BASED (KBA)
20 AUG 2026 15:37:54
ID VERIFICATION
20 AUG 2026 15:37:56



TIME OF TRANSFER INSPECTION TOT# 21505 DREW HODGES CERT # 14481

Site Information

Parcel Description: **040010544017000**

Address: **1012 Terrace Ct, Van Meter, IA 500261**

County: **Madison**

Owner Information

Property is owned by a business: **No**

Business Name:

Owner Name: **Danielle Lindsey**

Email Address: **ldwalls.dcl@gmail.com**

Address: **1012 Terrace Ct, Van Meter, IA 500261**

Phone No: **605-310-6415**

Site related information

No Of Bedrooms: **3**

Facility Type: **Residential**

Last Occupied:

Permit issued by County: **Yes**

All plumbing fixtures enter septic system: **Yes**

Property Information Comments:

Inspection Date: **06/08/2026**

Currently Occupied: **Yes**

System Installation Date: **11/13/2017**

Permit Number: **100-17**

County contacted for records: **Yes**

Primary Treatment

Tank 1

Tank Name: **Tank 1**

Tank Material: **Concrete**

No. of Compartments: **2**

Date Pumped: **6/10/2026**

Distance To Well (Ft):

Risers Intact: **Yes**

Type: **Septic Tank**

Tank Corrosion Type: **Slight**

Pump Tank Chamber: **No**

Meets Setback to Well: **N/A**

Is Accessible: **Yes**

Effluent Filter Present: **Yes**

Tank Size (Gal): **1250**

Liquid Level Type: **Normal**

Licensed Pumper Name: **Rogers septic**

Well Type:

Lid Intact: **Yes**

Watertight: **Yes**

Tank/Vault Pumped: **Yes** Inlet Baffle Present: **Yes** Outlet Baffle Present: **Yes** Functioning as Designed: **Yes**

Tank Comments:

Tank 2

Tank Name: Tank 2	Type: Pump Tank	Tank Size (Gal): 500
Tank Material: Concrete	Tank Corrosion Type: Slight	Liquid Level Type: Normal
No. of Compartments: 1	Pump Tank Chamber: No	Licensed Pumper Name: Rogers septic
Date Pumped: 6/10/2026	Meets Setback to Well: N/A	Well Type:
Distance To Well (Ft.):	Is Accessible: Yes	Lid Intact: Yes
Risers Intact: Yes	Effluent Filter Present:	Watertight: Yes
Tank/Vault Pumped: Yes	Inlet Baffle Present: No	Outlet Baffle Present: No
		Functioning as Designed: Yes

Tank Comments:

General Primary Treatment Comments:

Distribution Type

Siphon / Flout 1

Label: Siphon / Flout 1	Material Type : Manufactured	Device Type : Siphon
Accessible: Yes	Functioning As Designed: Yes	

General Distribution System Comments :

Secondary Treatment

Sand Filter1

Filter Type: Subsurface	Distribution Type: Siphon / Flout	Material Type: Rock and PVC Pipe
Absorption Area: 600	System Hydraulic Loaded: Yes	Gallons Loaded: 300
Discharge At Time of Inspection: Yes	CBOD5 Results: 8	TSS Results: 4
Disinfection Present: No	Disinfection Type:	Tertiary Treatment Present: No
Tertiary Treatment Type:	Meets Setback to Well: N/A	Well Type:
Distance To Well (Ft.):	Sand Filter Probed: Yes	Vent(s) Located: Yes
Saturation or Ponding Present: No	Grass Cover Over System: Yes	Outlet Found: Yes
Sample Taken: Yes	GP4 Permitted:	GP4 Required:
System Located on Owner Property: Yes	Easement Present: N/A	Functioning as Designed: Yes

Comments:

General Secondary Treatment Comments:

Narrative Report

TOT Inspection Report Overall Narrative Comments: **All wastewater goes to septic. 1250 gallon concrete septic tank with slight deterioration. Unable to probe through outlet wall. Accessible by lids and risers to ground surface. Two compartment tank. Inlet and outlet baffle present. Effluent filter present. 500 gallon concrete siphon dose tank with slight deterioration. Unable to probe through outlet wall. Siphon present and in good working condition. Hydraulic load tested (via house and water load from truck) 300 gallons to to 50 L x 12ft W equaling 600 sq ft sand-filter. Sand-filter took all water and probed wet/clean.**

Collected sample before hydraulic load test. COLLECTED SAMPLE.

TIME OF TRANSFER INSPECTION TOT# 21505 DREW HODGES CERT # 14481

Owner Name: **Danielle Lindsey**

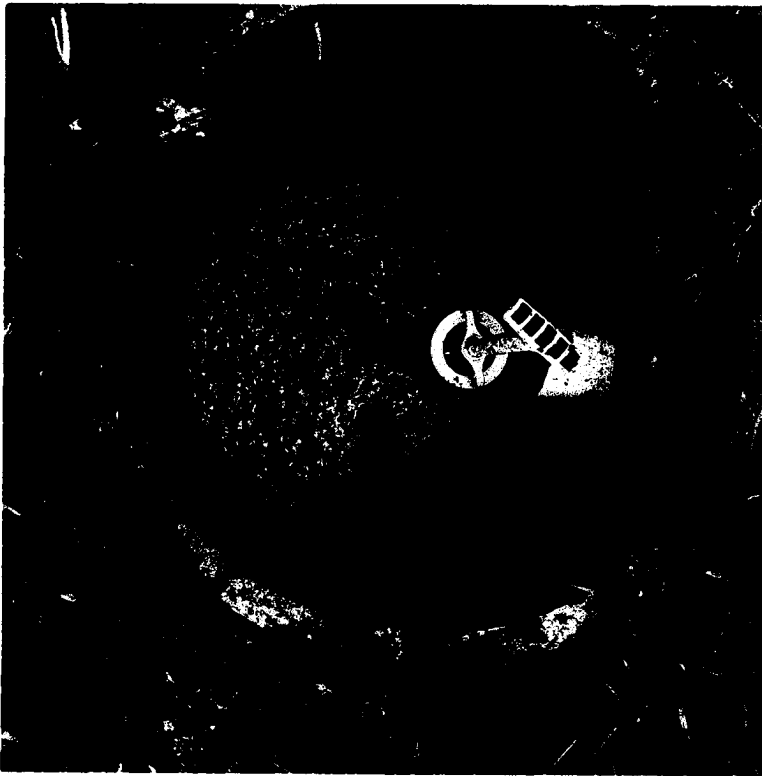
Address: **1012 Terrace Ct , Van Meter , IA 500261**

County: **Madison**

Inspection Date: **06/08/2026**

Submitted Date: **6/18/2026**

This page certifies a Time of Transfer inspection was conducted and submitted for the property listed above in accordance with Subrule 567 IAC 69.2(8).





Madison County
Office of Zoning and
Environmental Health

***Authorization to Construct a
Private On-site Wastewater
Treatment System (POWTS)***

112 N. John Wayne Drive
P.O. Box 152
Winterset, IA 50273-0152
Telephone: (515) 462-2636

Permit Number: 100-17 **Revised from** #029-17 **Date Issued:** 11/13/17

Issued to: William & Danielle Lindsey
Address: 1012 Terrace Court
Van Meter, IA 50261

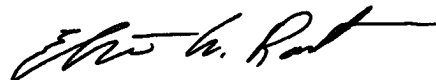
Legal Description: Lot 2 Lindsey Farm Plat 2 Replat Lt3 & Pt1 Section 5 Lee Twp.

POWTS Components Specifications: 1250/500 gal. Septic/Siphon Tank & 540 Sq. Ft. Sand Filter

General Conditions:

1. System must be constructed in conformance with attached system layout, profiles, and cross-sections.
2. Structures must be constructed in conformance with 567 IAC Chapter 69 and the Madison County Environmental Health Regulations.
3. Permit shall be null and void if system is not constructed within one year of permit issuance. The Environmental Health Officer must approve any request for extension of permit.
4. The Environmental Health Officer must approve any design modifications to the permitted system prior to construction.
5. Once constructed, all system components must be uncovered for inspection and the system must be approved before it can be put into operation. Notice for inspection must be received with 24 hours in advance (8 a.m. through 4:30 p.m., Monday - Friday). If weather necessitates the need to cover the system components, then the system owner or contractor must notify and follow the procedures given by the Environmental Health Officer.

Special Conditions: All Testing, Contracts and Construction shall be in accordance with state and County regulations.



***Environmental Health Officer
Madison County
Office of Zoning and Environmental Health***

Madison County
Office of
Zoning & Environmental Health

Application to Construct
Private Sewage Disposal System (PSDS)

112 N John Wayne Dr
P O Box 152
Winterset, IA 50273
Telephone (515) 462-2636

Office Use Only					Temp E911: 1012 Terrace Ct.	
Tracking No. 100-17	Date Received 10-13-17	Fee Paid 200.00	Check # 5170	Date Issued 11-18-17	Section/Township 5. Lee	

Application will not be accepted until site and soil analysis/percolation information have been received and fee has been paid. For systems requiring an NPDES General Permit #4 (surface discharge), its application must be submitted to this office along with appropriate forms for recording before a permit will be issued.

Please Print All Information.

1. Owner Information (Applicant) First Name: William Last Name: Lindsay Address: 1012 Terrace Ct City: Van Meter State: IA Zip: 50261 Phone Number (area code): 515-556-0847 Cell Phone: 652-3106415		2. Installation Contractor Information First Name: Bob Last Name: McKinney Address: _____ City: _____ State: _____ Zip: _____ Phone Number (area code): _____ Cell Phone: 202-2319													
3. System Requirement Information IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED <table border="0"> <tr> <td>1-3 Bedroom</td> <td>Minimum Tank Size Required</td> <td>1250</td> </tr> <tr> <td>4 Bedroom</td> <td></td> <td>1500</td> </tr> <tr> <td>5 Bedroom</td> <td></td> <td>1750</td> </tr> <tr> <td>6 Bedroom</td> <td></td> <td>2000</td> </tr> </table>		1-3 Bedroom	Minimum Tank Size Required	1250	4 Bedroom		1500	5 Bedroom		1750	6 Bedroom		2000	4. Site and Soil Evaluator (Percolation Test/Soils Analysis) PERCOLATION/SOILS ANALYSIS MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT Date test taken: 11/13/17 Test taken by: James Carroll Passed: _____ Failed: _____ Percolation Rate: _____ Soils Loading Rate: _____	
1-3 Bedroom	Minimum Tank Size Required	1250													
4 Bedroom		1500													
5 Bedroom		1750													
6 Bedroom		2000													

5. Type of Submittal ☒ New House ☐ Existing House ☐ Repair, Tank ☐ Repair, Treatment Area ☐ System Replacement Previous Permit #: _____	6. Address Information 911 Address or nearest road: 1012 Terrace Ct. Legal Description: Lot 2 Lindsay Farm Plat 2 Replat 6+3 + PFI Section 5 - 77 - 26
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7. Type of Building (Completed by Owner) Building Square ft.: _____ Number of Bedrooms: 3 Number of Bathrooms: 4 Non-Residential uses: _____ Other buildings served by this system: _____ Any other circumstances which may affect water usage: _____ Water softeners must be routed to a brine pit independent of septic system.			
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8. Tanks Your contractor or system designer should complete the remaining portion of this application.			
Septic Tank	Type: Concrete	Size: 1250/500	Manufacturer: Pella
Pump Tank	Type: _____	Size: _____	Manufacturer: _____
Additional Tank	Type: _____	Size: _____	Manufacturer: _____

9. Secondary Treatment Area					
Laterals	Type: _____	Length of each: _____	Total number: _____	Maximum trench Depth: _____	
Sand Filter	Square ft.: _____	Length: _____	Width: _____	_____	
Peat System	Model: _____	Manufacturer: _____	_____		
Other	Description: Sand Filter	Siphon Josed	540 sq ft	_____	

I hereby attest the truth and accuracy of all facts and information presented on this application. Request for inspection of the system must be made 24 hours in advance. Water at the site to test the distribution box must be available. Discharging systems must be covered by a maintenance agreement, which shall be recorded in the Madison County Recorders Office. Discharging systems also require periodic testing as set forth in IAC Chapter 69 and Madison County Environmental Health Regulations.		It is unlawful to start construction, reconstruction, or repair of any PSDS prior to issuance of a PSDS permit by the Environmental Health Officer.
Applicant Signature: <u>Dennell Zurely</u>	Date: 11-13-17	

Madison County
Office of
Zoning & Environmental Health

Application to Construct
Private Sewage Disposal System (PSDS)

112 N. John Wayne Dr.
P O Box 152
Winterset, IA 50273
Telephone (515) 462-2636

Office Use Only					Temp E911: 1012 Terrace CT		
Tracking No.	Date Received	Fee Paid	Check #	Date Issued	Section/Township		
029-17	5/24/17	\$261	2734	5/24/17	S L A E		

Application will not be accepted until site and soil analysis/percolation information have been received and fee has been paid. For systems requiring an NPDES General Permit #4 (surface discharge), its application must be submitted to this office along with appropriate forms for recording before a permit will be issued.

Please Print All Information.

1. Owner Information (Applicant) First Name: William Last Name: Lindsey Address: 1012 Terrace CT City: Van Meter State: IA Zip: 50261 Phone Number (area code): 515-556-047 Cell Phone:		2. Installation Contractor Information First Name: Dean Last Name: Sweeney Address: 3700 SE Boissard Suite A City: Grimes, IA State: 50111 Phone Number (area code): 515-419-3939 Cell Phone:	
3. System Requirement Information IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED Minimum Tank Size Required 1-3 Bedroom: 1500 4 Bedroom: 1500 5 Bedroom: 1500 6 Bedroom: 2000		4. Site and Soil Evaluator (Percolation Test/Soils Analysis) PERCOLATION/SOILS ANALYSIS MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT Date test taken: 4/17 Test taken by: Jim Carroll Passed: Failed: _____ Percolation Rate: _____ Soils Loading Rate: _____	
5. Type of Submittal ☒ New House ☐ Existing House ☐ Repair, Tank ☐ Repair, Treatment Area ☐ System Replacement Previous Permit #:		6. Address Information 911 Address or nearest road: 1012 Terrace CT Legal Description: Lot 2 Lindsey Farm Plat Two Replat L+3 PT 1 Section 5 77-26 New Permit #100-17	
7. Type of Building (Completed by Owner) Building Square ft.: Other buildings served by this system: None Number of Bedrooms: 4 Number of Bathrooms: 4 Non-Residential uses: _____ Any other circumstances which may affect water usage: _____ Water softeners must be routed to a drain pit independent of septic system.		Your contractor or system designer should complete the remaining portion of this application.	
8. Tanks			
Septic Tank	Type: Concrete	Size: 1500	Manufacturer: Lister
Pump Tank	Type:	Size:	Manufacturer:
Additional Tank	Type:	Size:	Manufacturer:
9. Secondary Treatment Area			
Laterals	Type:	Length of each:	Total number:
Sand Filter	Square ft.: 960	Length: 54	Width: 18
Peat System	Model:	Manufacturer:	
Other	Description:		

I hereby attest the truth and accuracy of all facts and information presented on this application. Request for inspection of the system must be made 24 hours in advance. Water at the site to test the distribution box must be available. Discharging systems must be covered by a maintenance agreement, which shall be recorded in the Madison County Records Office. Discharging systems also require periodic testing as set forth in IAC Chapter 69 and Madison County Environmental Health Regulations.

Applicant Signature: [Signature] Date: 5/23/17

It is unlawful to start construction, reconstruction, or repair of any PSDS prior to issuance of a PSDS permit by the Environmental Health Officer.

ONSITE WASTEWATER SITE EVALUATION FOR SEPTIC SYSTEM Pages with report 6 REPORT # 4119 R

OWNER NAME: Kyle Lindsey
OWNER ADDRESS: Lot 2 Plat 2 Lindsey Farms
PROPERTY ADDRESS: Lot 2 Plat 2 Lindsey Farms

LEGAL DESCRIPTION: Madison County

PHONE # _____ LOT SIZE: _____ acres
NO. BEDROOMS: 3 AVERAGE DAILY FLOW 300 PEAK DAY DESIGN FLOW 450 gallons STRUCTURE X NEW EXISTING
BUILDER: _____ PLUMBER: _____

THE TREATMENT SITE SHALL BE PROTECTED FROM ANY AND ALL TRAFFIC, AND ANY SOIL DISTURBANCES. DISTURBING THE TREATMENT SITE SHALL VOID THIS RECOMMENDATION.

THE USE OF THIS DESIGN TO OBTAIN THE ONSITE WASTEWATER COUNTY CONSTRUCTION PERMIT AND THE CONSTRUCTION OF THE ONSITE SYSTEM IS AN ACCEPTANCE OF THE CONDITIONS ON PAGE 2 OF THIS REPORT.

The owner and contractor are responsible for verifying that the system layout is within the property boundaries. James Carroll has not verified the property and easement boundaries.

The OWNER Should review: how to maintain a septic system by reviewing: <http://www.ohiowastewatersolutions.com/isq/dos-and-donts/>
https://www3.epa.gov/npdes/pubs/homeowner_guide_long_customize.pdf

Site and soil are not suitable for laterals or mound system. There site has many trees.
I recommend a sand filter system. All trees within 20 feet of the sand filter must be removed.
A 1,500 septic tank is required.



SOIL LOADING RATE 0 gpf.
WATER TABLE/CONFINING AT 3 FEET
MAXIMUM DEPTH OF TRENCH 0 INCHES
BASED ON SURFACE AREA OF TRENCH BOTTOM.
2-FOOT WIDE TRENCH 0 FEET
3-FOOT WIDE TRENCH 0 FEET
16-INCH WIDE CRAMBER 0 FEET

James Carroll 11-13-17

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.
DATE: 4/7/17 REG. NO. 11328 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2017.

James A Carroll P.E.

Number of Pages With Report 6

Soil Probe Number

Confining Layer Location (*)

1	2	3	4	5
DB CL	all test holes (5) about the same			
1 YB	1	1	1	1
2 Hwy CL	2	2	2	2
3 G and Rust*	3	3	3	3
4 GB	4	4	4	4
5 Stop	5	5	5	5
6	6	6	6	6

Depth in Feet

Textures S-Sand, SL-Sandy Loam, L-Loam, SIL-Silty Loam, SI-Silt, SCL-Sandy Clay Loam, SC-Sandy Clay, CL-Clay Loam, SIL- Silty Clay Loam, SIC- Silty Clay, C-Clay, FS-Fine Sand.

Color DVB-Dark Yellow Brown, YB-Yellow Brown, Y-Yellow, B-Brown, VDB-Very Dark Brown, GB-Gray Brown, G-Gray, LG-Light Gray, DG-Dark Gray, PB-Pale Gray, BY-Brownish Yellow, BK-Black, Wh-White, RB-Reddish Brown, R-Red.

Other MSt-Moderate Structure, WSt-Weak Structure, MaSt-Massive Structure, Le-Loose, Hvy-Heavy, Lt-Light.

The use of this design to obtain the onsite wastewater county construction permit and the construction of the system is an acceptance of the following conditions:

The septic system Engineer, James Carroll, has evaluated the site and located what appears to be a suitable location for an onsite septic system. However assessments, floodplains, wetlands, wells, property lines, underground utilities were not marked, located or identified to the Engineer. The drawing may contain any or all of these items however they are not accurately shown. It is the responsibility of the Property Owner, Home Builder, and Septic Contractor to locate any and all of these items. The contractor is solely responsible for locating all underground utilities shown or not shown, and for the safety and protection of all such underground utilities and repairing any damage. In the event that any item is located in the proposed septic area the Engineer will be called to re-evaluate the site.

The Engineer will not be inspecting or overseeing any of the work performed by the Contractor. All work performed by the Contractor shall comply with IAC 567 Chapter 69 and County Ordinances unless specifically showdetailed in this report and design.

Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of contractor to comply with State and County Laws and Regulations applicable to the performance of the work. Engineer will not be responsible for Contractor's failure to perform the work in accordance with State and County requirements and the attached design. Engineer will not be responsible for the acts or omissions of Contractor, any Subcontractor, any Supplier, or of any other individual or entities performing any of the work, or the failure of any State or County Regulator in accepting the work Completed.

The Property Owner, Home Builder, and Septic Contractor agree that by using this report/design for the onsite system they shall indemnify and hold harmless the Engineer from and against all losses and all claims, demands, payments, suits, actions, recoveries, and judgment of every nature, and description brought or recovered against them by reasons of any act or omission of the said Property Owner, Home Builder, and Septic Contractor, its agents, or employees, in the execution of the work.

Lot 2 Plat 2 Lindsey Farms



N
↑
Not To
Scale

PROJECT: SAND FILTER SIPHON 180 SF PER BEDROOM

# Of Bedrooms	Ft ²
1	180
2	360
3	540
4	720
5	900
6	1080

Warren County requires all pipe SCH 40 **Thick Grass Cover Required Prior To Winter**

The pipe from the siphon tank to the header pipe shall be 4" SCH 40 PVC.
The header pipe shall be 3" SCH 40 PVC

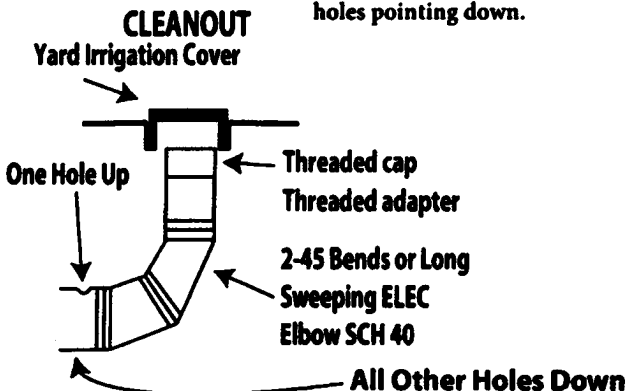
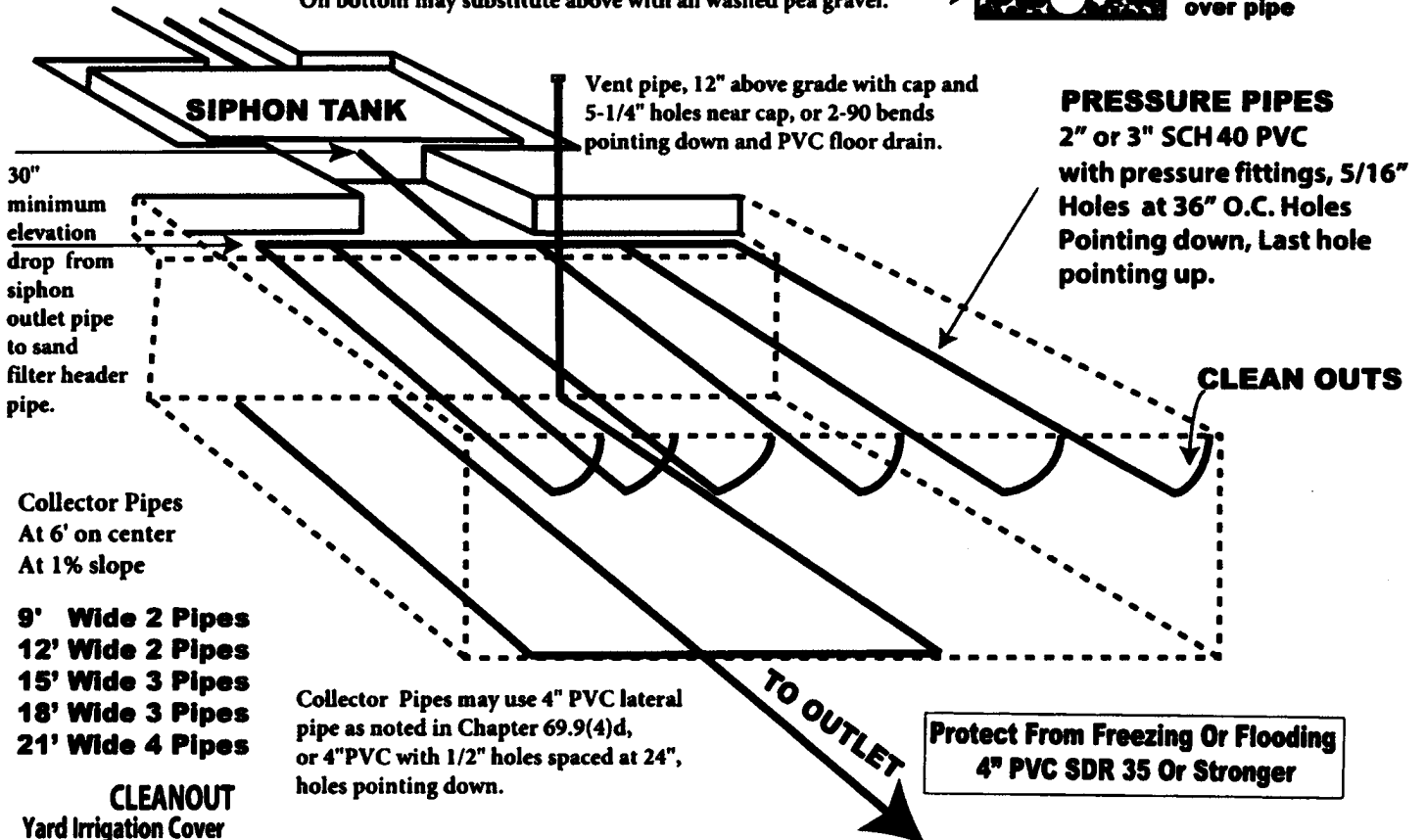
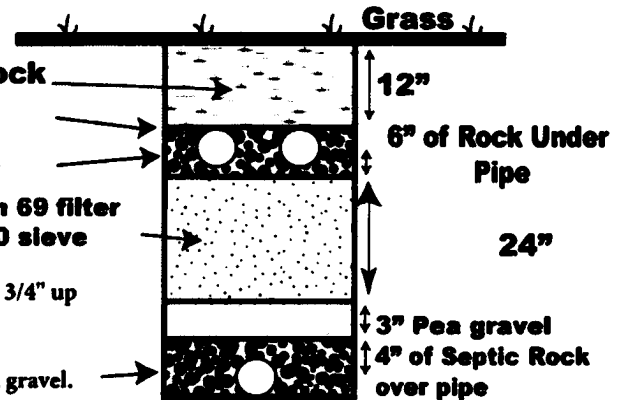
Loam, Sandy Soil, Or Rock

Fabric

***Septic Rock**

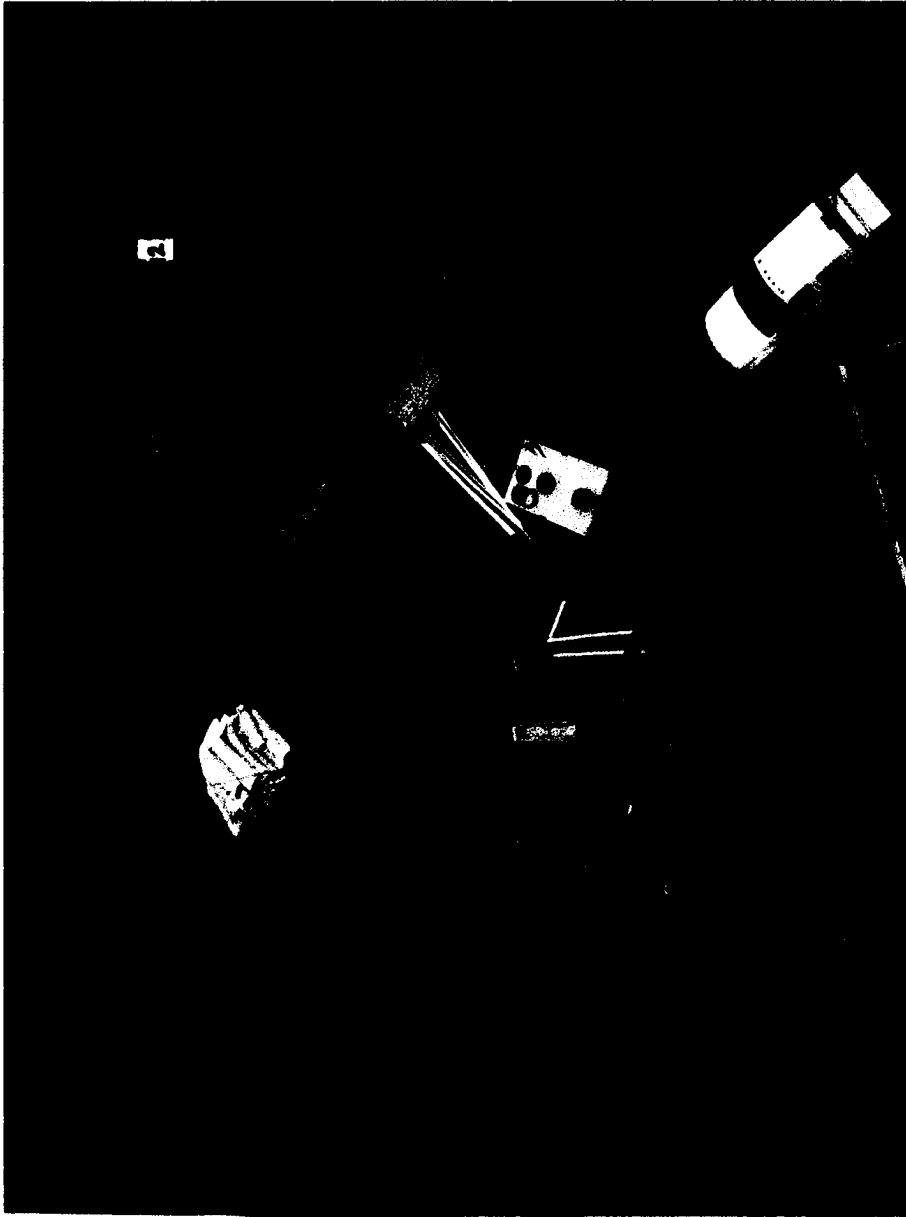
Hallett Materials Filter Sand or Ch 69 filter sand w/less than 5% passing #100 sieve

*Septic Rock: Top and Bottom is washed river gravel 3/4" up to 2-1/2", may be all one size of rock, or EZ Flow- ask for drawing.
On bottom may substitute above with all washed pea gravel.



**Pressure pipes
At 3' On Center
Installed level**

**9' Wide 3 Pipes
12' Wide 4 Pipes
15' Wide 5 Pipes
18' Wide 6 Pipes
21' Wide 7 Pipes**

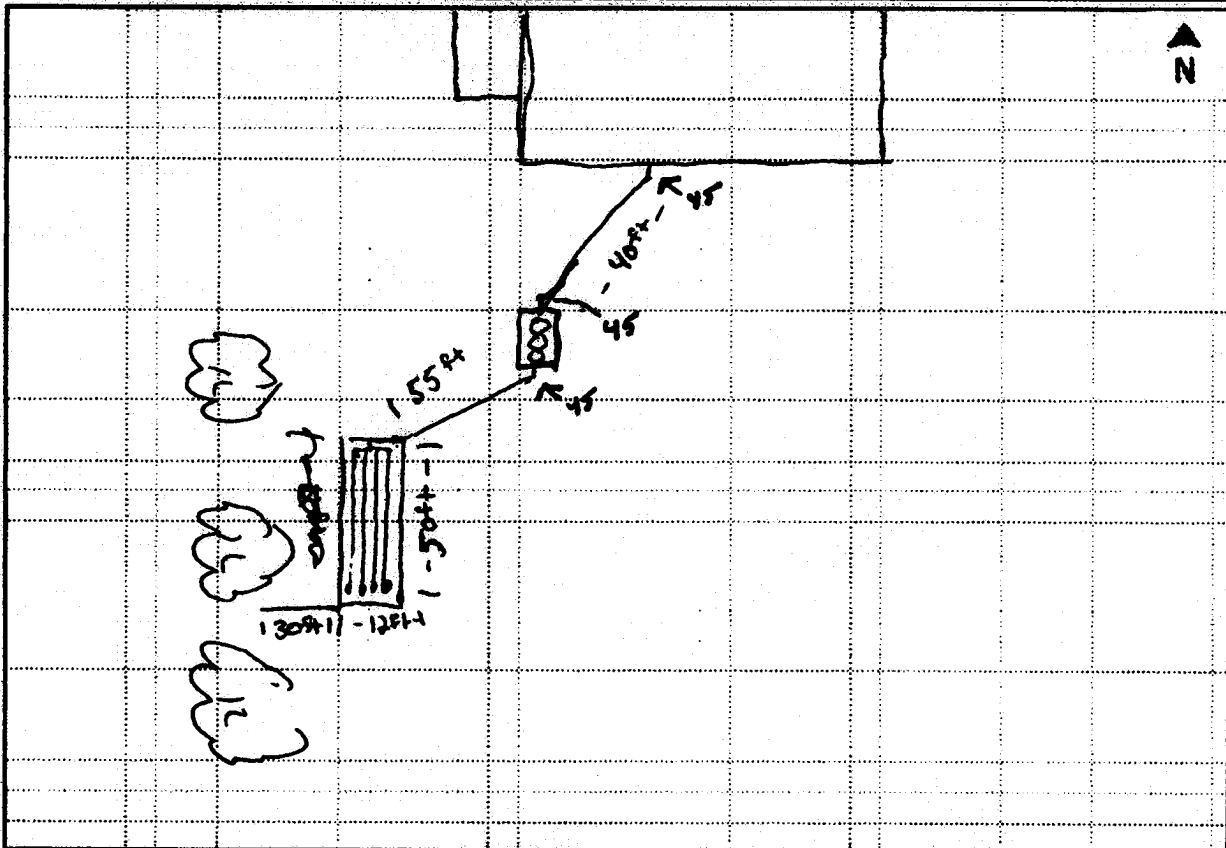


R. McKinney PLUMBING & EXCAVATING

Job #	17-0132	Crew	
Date	11/15/2017	Equipment	None
Contractor	William Lindsay	Inspector	
Address	1012 Terrace Dr	Plumber	
City	Van Meter	Locate	1
Description	3 bedroom siphon dosed sandfilter		

Job Notes

3 bedroom siphon dosed sandfilter



Materials

5-4" 45°
1-4" Tee

Madison County
Office of Zoning and
Environmental Health

***Authorization to Construct a
Private On-site Wastewater
Treatment System (POWTS)***

112 N. John Wayne Drive
P.O. Box 152
Winterset, IA 50273-0152
Telephone: (515) 462-2636

Permit Number: 100-17 Revised from #029-17 Date Issued: 11/13/17

***Issued to: William & Danielle Lindsey
Address: 1012 Terrace Court
Van Meter, IA 50261***

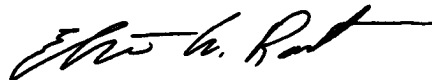
Legal Description: Lot 2 Lindsey Farm Plat 2 Replat Lt3 & Pt1 Section 5 Lee Twp.

POWTS Components Specifications: 1250/500 gal. Septic/Siphon Tank & 540 Sq. Ft. Sand Filter

General Conditions:

1. System must be constructed in conformance with attached system layout, profiles, and cross-sections.
2. Structures must be constructed in conformance with 567 IAC Chapter 69 and the Madison County Environmental Health Regulations.
3. Permit shall be null and void if system is not constructed within one year of permit issuance. The Environmental Health Officer must approve any request for extension of permit.
4. The Environmental Health Officer must approve any design modifications to the permitted system prior to construction.
5. Once constructed, all system components must be uncovered for inspection and the system must be approved before it can be put into operation. Notice for inspection must be received with 24 hours in advance (8 a.m. through 4:30 p.m., Monday - Friday). If weather necessitates the need to cover the system components, then the system owner or contractor must notify and follow the procedures given by the Environmental Health Officer.

Special Conditions: All Testing, Contracts and Construction shall be in accordance with state and County regulations.



***Environmental Health Officer
Madison County
Office of Zoning and Environmental Health***

Madison County
Office of
Zoning & Environmental Health

Application to Construct
Private Sewage Disposal System (PSDS)

112 N. John Wayne Dr
P O Box 152
Winterset, IA 50273
Telephone (515) 462-2636

Office Use Only					Temp E911	
Tracking No.	Date Received	Fee Paid	Check #	Date Issued	Section/Township	
100-17	10-13-17	200.00	5170	11-13-17	1012 Terrace Ct. 5. Lee	

Application will not be accepted until site and soil analysis/percolation information have been received and fee has been paid. For systems requiring an NPDES General Permit #4 (surface discharge), its application must be submitted to this office along with appropriate forms for recording before a permit will be issued.

Please Print All Information.

1. Owner Information (Applicant)			2. Installation Contractor Information		
First Name	Last Name		First Name	Last Name	
William	Lindsay		Bob	McKinney	
Address			Address		
1012 Terrace Ct					
City	State	Zip	City	State	Zip
Van Meter	IA	50261			
Phone Number (area code)		Cell Phone	Phone Number (area code)		Cell Phone
515-556-0847		652-3106415			202-2319
3. System Requirement Information			4. Site and Soil Evaluator (Percolation Test/Soils Analysis)		
IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED			PERCOLATION/SOILS ANALYSIS MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT		
Minimum Tank Size Required			Date test taken 11/13/17 Test taken by James Carroll		
1-3 Bedroom	1250		Passed: _____ Failed: _____		
4 Bedroom	1500		Percolation Rate: _____		
5 Bedroom	1750		Soils Loading Rate: _____		
6 Bedroom	2000				

5. Type of Submittal	6. Address Information
☒ New House ☐ Existing House ☐ Repair, Tank ☐ Repair, Treatment Area ☐ System Replacement	911 Address or nearest road: 1012 Terrace Ct. Legal Description: Lot 2 Lindsay Farm Plat 2 Replat L+3 + PT 1 Section 5 - 77-26

7. Type of Building (Completed by Owner)			
Building Square ft.	Number of Bedrooms: 2	Number of Bathrooms: 4	Non-Residential uses:
Other buildings served by this system:		Any other circumstances which may affect water usage:	
Water softeners must be routed to a brine pit independent of septic system.			

8. Tanks			
Septic Tank	Type: Concrete	Size: 1250/400	Manufacturer: Pella
Pump Tank	Type:	Size:	Manufacturer:
Additional Tank	Type:	Size:	Manufacturer:

9. Secondary Treatment Area					
Laterals	Type:	Length of each:	Total number:		Maximum trench Depth:
Sand Filter	Square ft.:	Length:	Width:		
Peat System	Model:	Manufacturer:			
Other	Description:				
	Sand Filter	Siphon Dosed	540 sq ft		

I hereby attest the truth and accuracy of all facts and information presented on this application. Request for inspection of the system must be made 24 hours in advance. Water at the site to test the distribution box must be available. Discharging systems must be covered by a maintenance agreement, which shall be recorded in the Madison County Records Office. Discharging systems also require periodic testing as set forth in IAC Chapter 69 and Madison County Environmental Health Regulations.		It is unlawful to start construction, reconstruction, or repair of any PSDS prior to issuance of a PSDS permit by the Environmental Health Officer.
Applicant Signature: Demetrius L. Lively	Date: 11-13-17	

MC-ZEH Form EH01

Print Form

March 2009

Madison County
Office of
Zoning & Environmental Health

Application to Construct
Private Sewage Disposal System (PSDS)

112 N. John Wayne Dr.
P O Box 152
Winterset, IA 50273
Telephone (515) 462-2636

Office Use Only					Jump E911: 1012 Terrace CT		
Tracking No.	Date Received	Fees Paid	Check #	Date Issued	Section/Township		
029-17	5/24/17	\$261	2734	5/24/17	S 2 E 2		

Application will not be accepted until site and soil analysis/percolation information have been received and fee has been paid. For systems requiring an NPDES General Permit #4 (surface discharge), its application must be submitted to this office along with appropriate forms for recording before a permit will be issued.

Please Print All Information.

1. Owner Information (Applicant) First Name: William Last Name: Lindsey Address: 1012 Terrace CT City: Van Meter State: IA Zip: 50261 Phone Number (area code): 515-556-0847 Cell Phone:		2. Installation Contractor Information First Name: Dean Last Name: Sweeney Address: 3700 SE Boissard Suite A City: Grimes, IA State: 50111 Phone Number (area code): 515-419-3939 Cell Phone:	
3. System Requirement Information IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED Minimum Tank Size Required 1-3 Bedroom: 1500 4 Bedroom: 1750 5 Bedroom: 1750 6 Bedroom: 2000		4. Site and Soil Evaluator (Percolation Test/Soils Analysis) PERCOLATION/SOILS ANALYSIS MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT Date test taken: 4/17 Test taken by: Jim Carroll Passed: Failed: _____ Percolation Rate: _____ Soils Loading Rate: _____	
5. Type of Submittal ☒ New House ☐ Existing House ☐ Repair, Tank ☐ Repair, Treatment Area ☐ System Replacement Previous Permit #:		6. Address Information 911 Address or nearest road: 1012 Terrace CT Legal Description: Lot 2 Lindsey Farm Plat Two Replat L+3 PT 1 Section 5 T77-26 Other buildings served by this system: None Water softeners must be routed to a drain pit independent of septic system.	
7. Type of Building (Completed by Owner) Building Square ft.: Number of Bedrooms: 4 Number of Bathrooms: 4 Non-Residential uses: _____ Any other circumstances which may affect water usage: _____			
8. Tanks Your contractor or system designer should complete the remaining portion of this application.			
Septic Tank	Type: Concrete	Size: 1500	Manufacturer: Lister
Pump Tank	Type:	Size:	Manufacturer:
Additional Tank	Type:	Size:	Manufacturer:
9. Secondary Treatment Area			
Laterals	Type:	Length of each:	Total number:
Sand Filter	Square ft.: 960	Length: 54	Width: 18
Peat System	Model:	Manufacturer:	
Other	Description:		

I hereby attest the truth and accuracy of all facts and information presented on this application. Request for inspection of the system must be made 24 hours in advance. Water at the site to test the distribution box must be available. Discharging systems must be covered by a maintenance agreement, which shall be recorded in the Madison County Records Office. Discharging systems also require periodic testing as set forth in IAC Chapter 69 and Madison County Environmental Health Regulations.

Applicant Signature: [Signature] Date: 5/23/17

It is unlawful to start construction, reconstruction, or repair of any PSDS prior to issuance of a PSDS permit by the Environmental Health Officer.

ONSITE WASTEWATER SITE EVALUATION FOR SEPTIC SYSTEM Pages with report 6 REPORT # 4119 R

OWNER NAME: Kyle Lindsey PROPERTY ADDRESS: Lot 2 Plat 2 Lindsey Farms
OWNER ADDRESS: _____

LEGAL DESCRIPTION: Madison County

PHONE # _____ LOT SIZE: _____ acres
NO. BEDROOMS: 3 AVERAGE DAILY FLOW 300 PEAK DAY DESIGN FLOW 450 gallons STRUCTURE X NEW _____ EXISTING
BUILDER: _____ PLUMBER: _____

**THE TREATMENT SITE SHALL BE PROTECTED FROM ANY AND ALL TRAFFIC, AND ANY SOIL DISTURBANCES.
DISTURBING THE TREATMENT SITE SHALL VOID THIS RECOMMENDATION.**

**THE USE OF THIS DESIGN TO OBTAIN THE ONSITE WASTEWATER COUNTY CONSTRUCTION PERMIT AND THE
CONSTRUCTION OF THE ONSITE SYSTEM IS AN ACCEPTANCE OF THE CONDITIONS ON PAGE 2 OF THIS REPORT.**

The owner and contractor are responsible for verifying that the system layout is within the property boundaries.
James Carroll has not verified the property and easement boundaries.

The OWNER Should review: how to maintain a septic system by reviewing: <http://www.ohiowastewatersolutions.com/faq/dos-and-donts/>
https://www3.epa.gov/npdes/pubs/homeowner_guide_long_customize.pdf.

Site and soil are not suitable for laterals or mound system. There site has many trees.

I recommend a sand filter system. All trees within 20 feet of the sand filter must be removed.

A 1,500 septic tank is required.



SOIL LOADING RATE <u>0</u> gpf.	BASED ON SURFACE AREA OF TRENCH BOTTOM.	
WATER TABLE/CONFINING AT <u>3</u> FEET	2-FOOT WIDE TRENCH	<u>0</u> FEET
MAXIMUM DEPTH OF TRENCH <u>0</u> INCHES	3-FOOT WIDE TRENCH	<u>0</u> FEET
	16-INCH WIDE CHAMBER	<u>0</u> FEET

James A. Carroll 11-13-17

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL
SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA
DATE: 4/1/17 REG. NO. 11328 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2017.

James A. Carroll
James A Carroll P.E.

Number of Pages With Report 6

Soil Probe Number

Confining Layer Location (*)

1	2	3	4	5
DB CL	all test holes (5) about the same			
1 YB	1	1	1	1
2 Hwy CL	2	2	2	2
3 G and Rust*	3	3	3	3
4 GB	4	4	4	4
5 Hwy CL	5	5	5	5
6 Stop	6	6	6	6

Depth in Feet

Textures S-Sand, SL-Sandy Loam, L-Loam, SIL-Silty Loam, SI-Silt, SCL-Sandy Clay Loam, SC-Sandy Clay, CL-Clay Loam, SICL-Silty Clay Loam, SIC-Silty Clay, C-Clay, FS-Fine Sand.

Color DVB-Dark Yellow Brown, YB-Yellow Brown, Y-Yellow, B-Brown, VDB-Very Dark Brown, GB-Gray Brown, G-Gray, LG-Light Gray, DG-Dark Gray, PB-Pale Brown, BY-Brownish Yellow, BK-Black, Wh-White, RB-Reddish Brown, R-Red.

Other MST-Moderate Structure, WSt-Weak Structure, MaSt-Massive Structure, Ls-Loose, Hvy-Heavy, Lt-Light.

The use of this design to obtain the onsite wastewater county construction permit and the construction of the system is an acceptance of the following conditions:

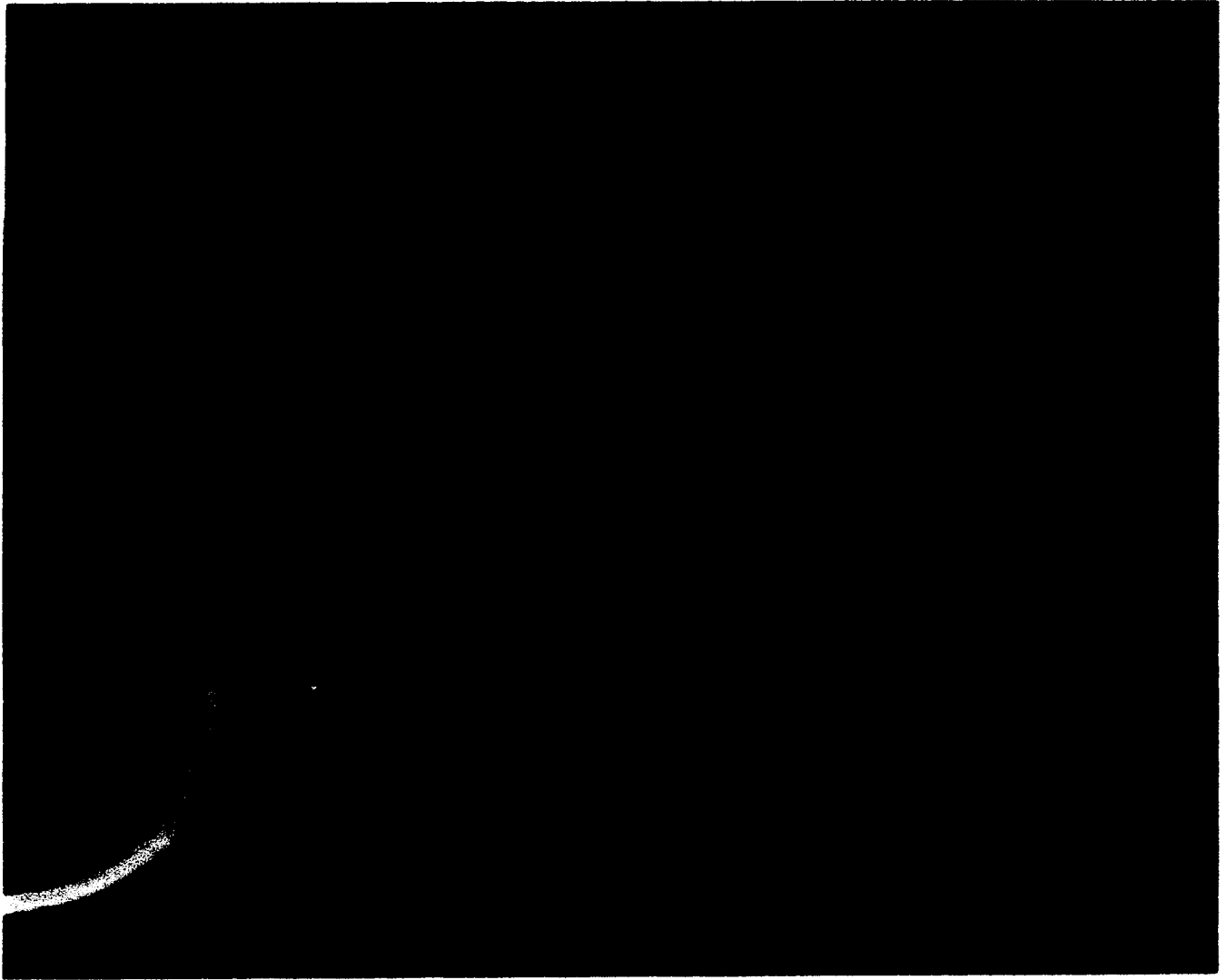
The septic system Engineer, James Carroll, has evaluated the site and located what appears to be a suitable location for an onsite septic system. However easements, floodplains, wetlands, wells, property lines, underground utilities were not marked, located or identified to the Engineer. The drawing may contain any or all of these items however they are not accurately shown. It is the responsibility of the Property Owner, Home Builder, and Septic Contractor to locate any and all of these items. The contractor is solely responsible for locating all underground utilities shown or not shown, and for the safety and protection of all such underground utilities and repairing any damage. In the event that any item is located in the proposed septic area the Engineer will be called to re-evaluate the site.

The Engineer will not be inspecting or overseeing any of the work performed by the Contractor. All work performed by the Contractor shall comply with IAC 667 Chapter 68 and County Ordinances unless specifically showdetailed in this report and design.

Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of contractor to comply with State and County Laws and Regulations applicable to the performance of the work. Engineer will not be responsible for Contractor's failure to perform the work in accordance with State and County requirements and the attached design. Engineer will not be responsible for the acts or omissions of Contractor, any Subcontractor, any Supplier, or of any other individual or entities performing any of the work, or the failure of any State or County Regulator in accepting the work Completed.

The Property Owner, Home Builder, and Septic Contractor agree that by using this report/design for the onsite system they shall indemnify and hold harmless the Engineer from and against all losses and all claims, demands, payments, suits, actions, recoveries, and judgment of every nature, and description brought or recovered against them by reasons of any act or omission of the said Property Owner, Home Builder, and Septic Contractor, its agents, or employees, in the execution of the work.

Lot 2 Plat 2 Lindsey Farms



N
↑
Not To
Scale

PROJECT: SAND FILTER SIPHON 180 SF PER BEDROOM

# Of Bedrooms	Ft ²
1	180
2	360
3	540
4	720
5	900
6	1080

Warren County requires all pipe SCH 40 **Thick Grass Cover Required Prior To Winter**

The pipe from the siphon tank to the header pipe shall be 4" SCH 40 PVC.
The header pipe shall be 3" SCH 40 PVC

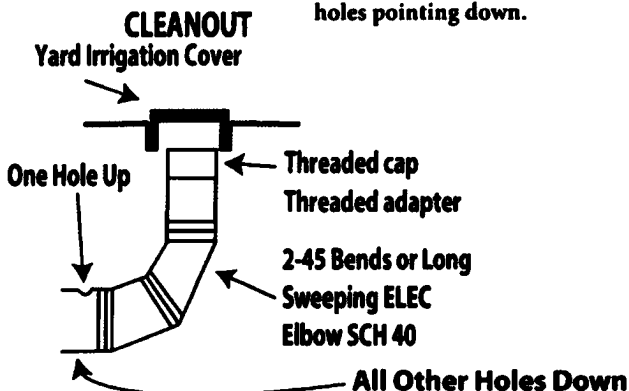
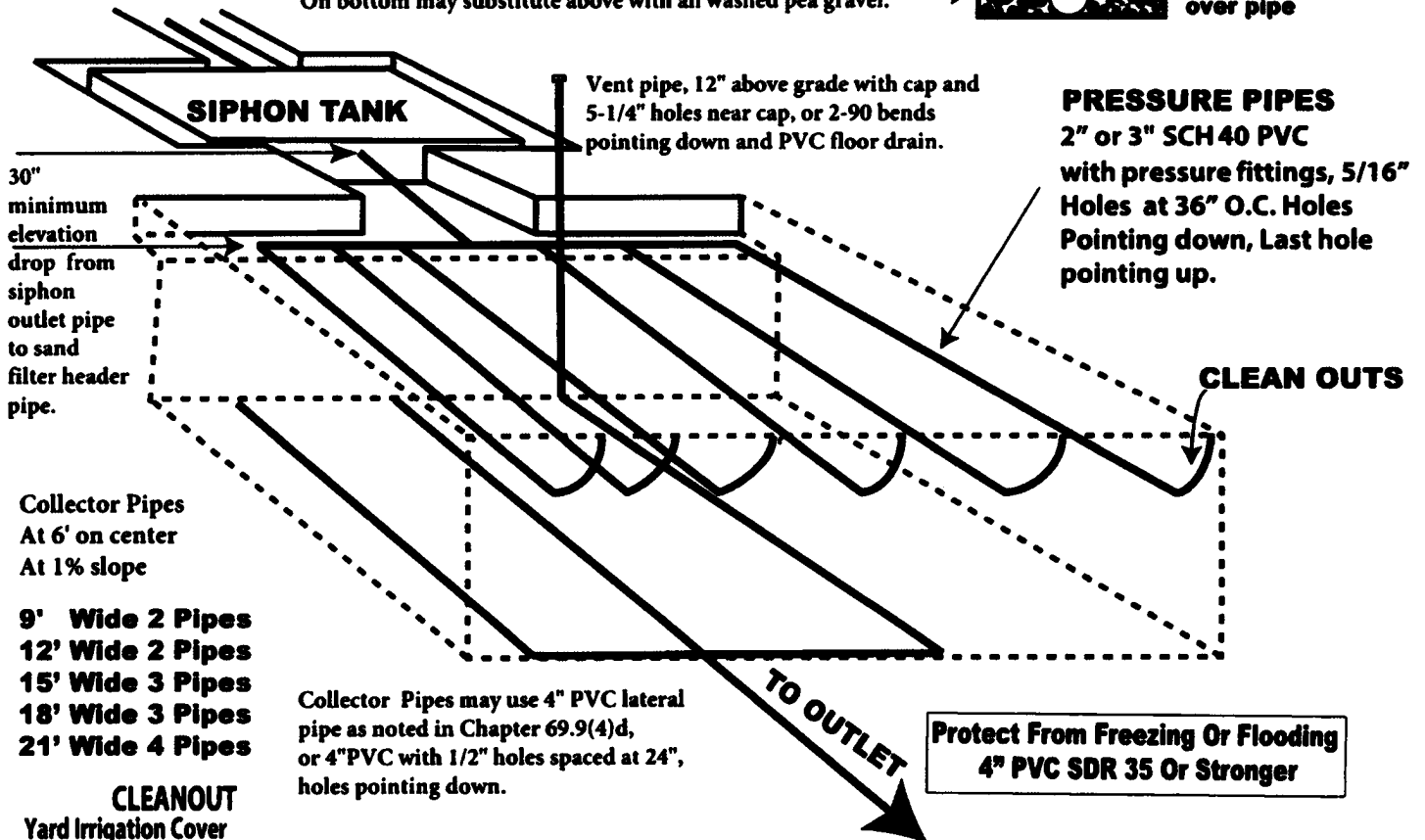
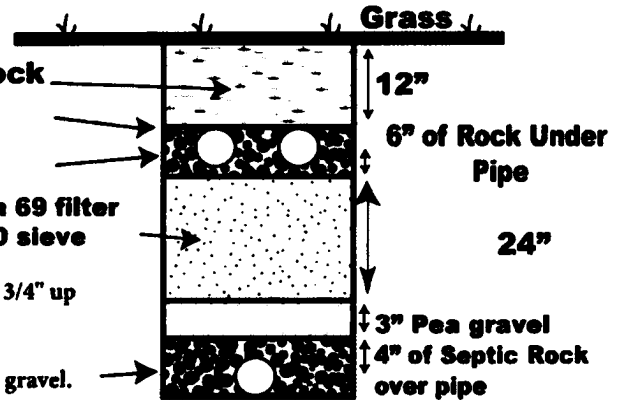
Loam, Sandy Soil, Or Rock

Fabric

***Septic Rock**

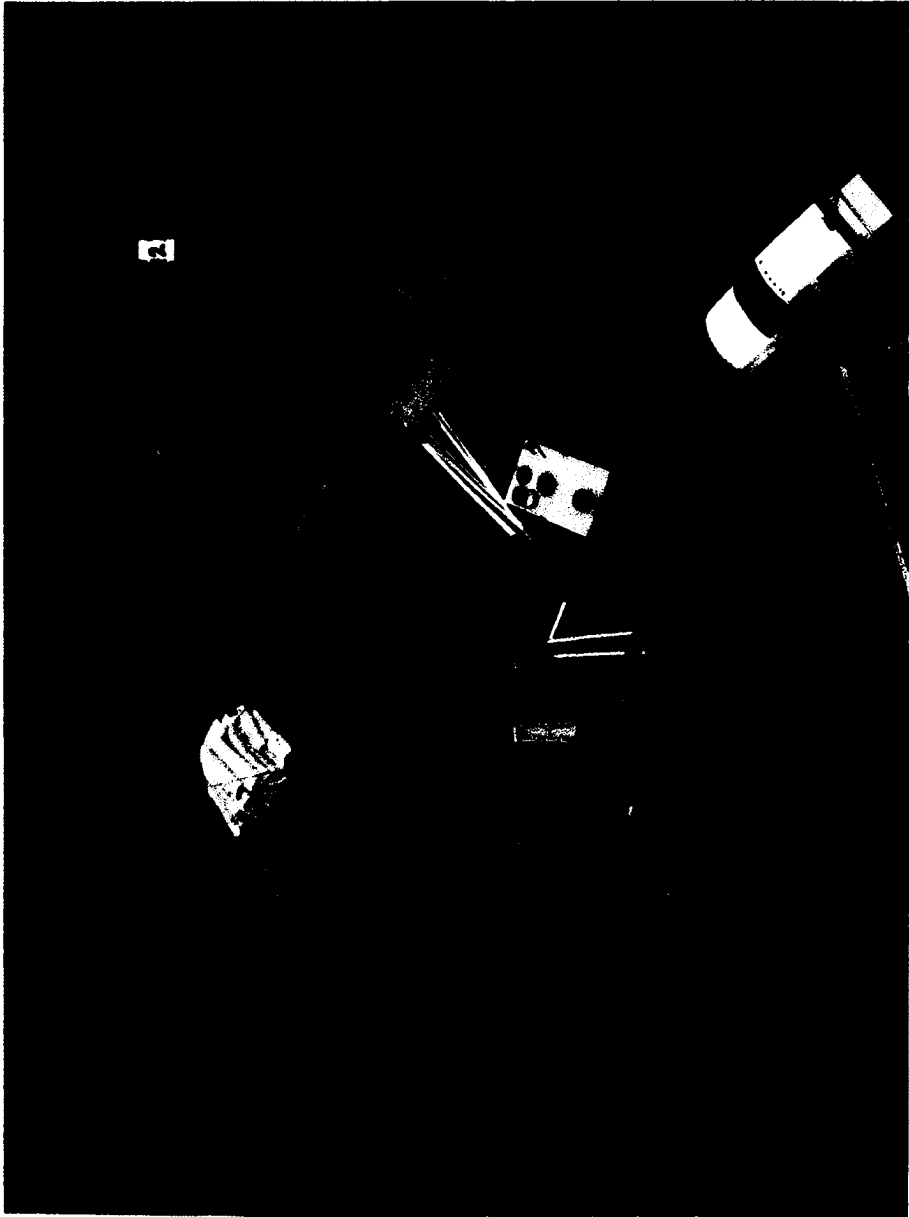
Hallett Materials Filter Sand or Ch 69 filter sand w/less than 5% passing #100 sieve

*Septic Rock: Top and Bottom is washed river gravel 3/4" up to 2-1/2", may be all one size of rock, or EZ Flow- ask for drawing.
On bottom may substitute above with all washed pea gravel.



**Pressure pipes
At 3' On Center
Installed level**

**9' Wide 3 Pipes
12' Wide 4 Pipes
15' Wide 5 Pipes
18' Wide 6 Pipes
21' Wide 7 Pipes**

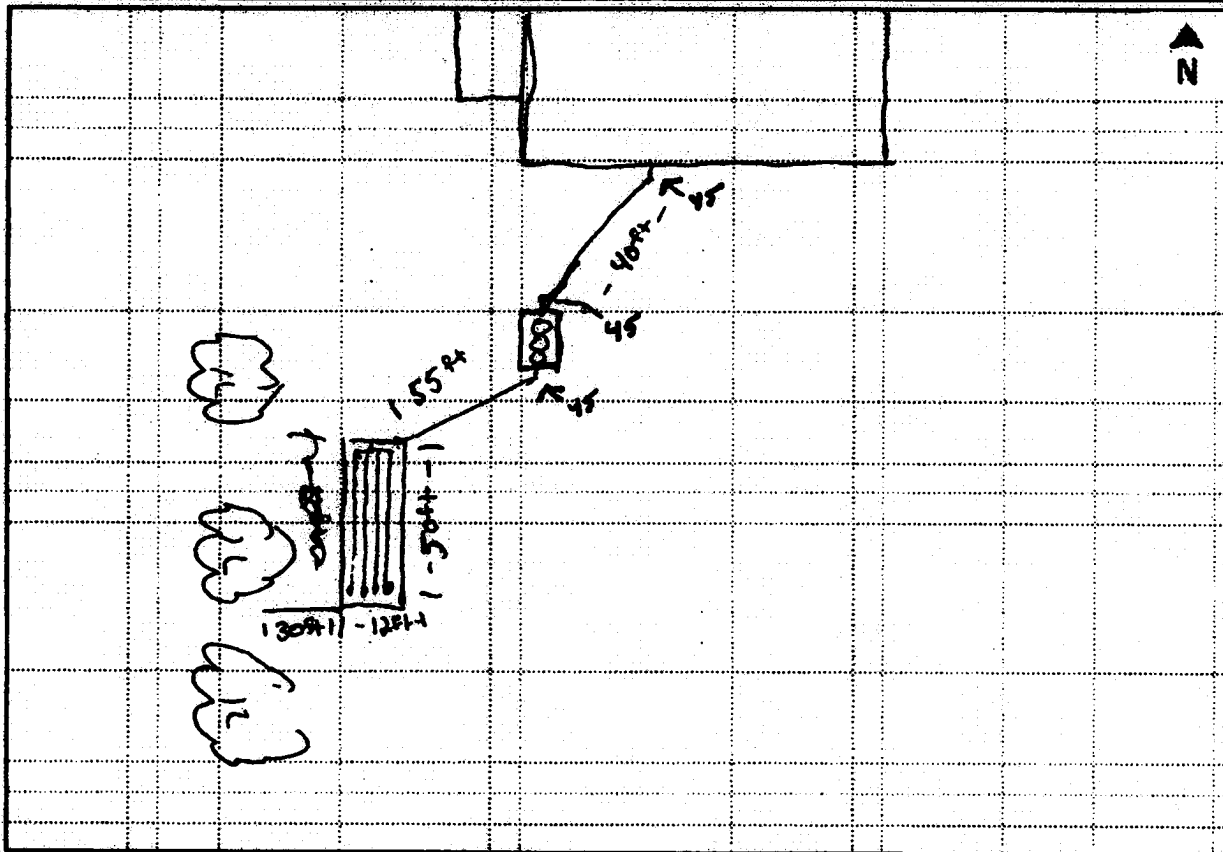


PLUMBING & EXCAVATING

Job #	17-0132	Crew	
Date	11/16/2017	Equipment	None
Contractor	William Lindsey	Inspector	
Address	1012 Terrace Dr	Plumber	
City	Van Meter	Locate	/
Description	3 bedroom alpha dose sandfilter		

Job Notes

3 bedroom siphon dosed sandfilter



Materials

5-4" 45°

1 - 4" Tee