PRIVATE SEWAGE SYSTEM INSPECTION REPORT for **Dunn** County

Name	Lijane Brunner	
Address	1690 Sunwood Ct.	
City	River Falls	
State & Zip	WI	54022

PLUMBER:	CST:
Chris Bauer	Will Heidt

Property Address/City	N5144 558th St.
Town of	Red Cedar
Legal	SE-NE 31 28-12
Subdivision	Timber Valley
Lot. #	5
Sanitary permit #	**643989**
State Plan ID #	PWTS-072201466-C
Parcel tax #	1702422812311400005
Computer #	

GENERAL INFORMATION

CST BM Elev.: 100	Insp. BM Elev.: 100
Nail in Tree	

TANK INFORMATION

TYPE	MANUFACTURER	CAPACITY
Septic	Wieser	1200
Dosing	Combo	800

TANK SETBACK INFORMATION

TYPE	P/L	WELL	BLDG	VENT TO AIR INTAKE
Septic	>50'	*	39'	
Dosing	>50'	*	39'	52'

PUMP/SIPHON INFORMATION

Manuf/Model #	Little Giant 9EC		
Lift 12.12'	Friction Loss 0.32	System Head 4.55	TDH Ft. 17
Forcemain	Length 19'	Dia 2"	Dist. to Well *

ELEVATION DATA

STATION	ELEVATION	ELEVATION
Benchmark		100
Bldg. Sewer		83.96
St/Ht Inlet		83.26
St/Ht Outlet		
Pump Pad		80.09
Header/Manifold		92.14
Lateral	N	92.21
Lateral	S	92.19
System Elevation		91.68
Grade/Contour		91.02
Well		*
Top of Middle Manhole Cover		91.45
Top of Garage Floor		93.54

SOIL ABSORPTION SYSTEM

Dispersal Cell Information	Width 8'	Length 75'	No. of Cells 1		
Setback	Type of System	P/L	Bldg	Well	Lake/Stream
Information	Mound (Rock)	~30'	~67'	*	

DISTRIBUTION SYSTEM

Header/Manifold	Distribution pipe(s)	X Hole Size	X Hole Spacing
Length 4' Dia. 1.5"	Length 72' Dia. 1.5" Spacing 4'	5/32"	3'

WI FUND: _____Yes ___X___ No _____ Maybe

COMMENTS:

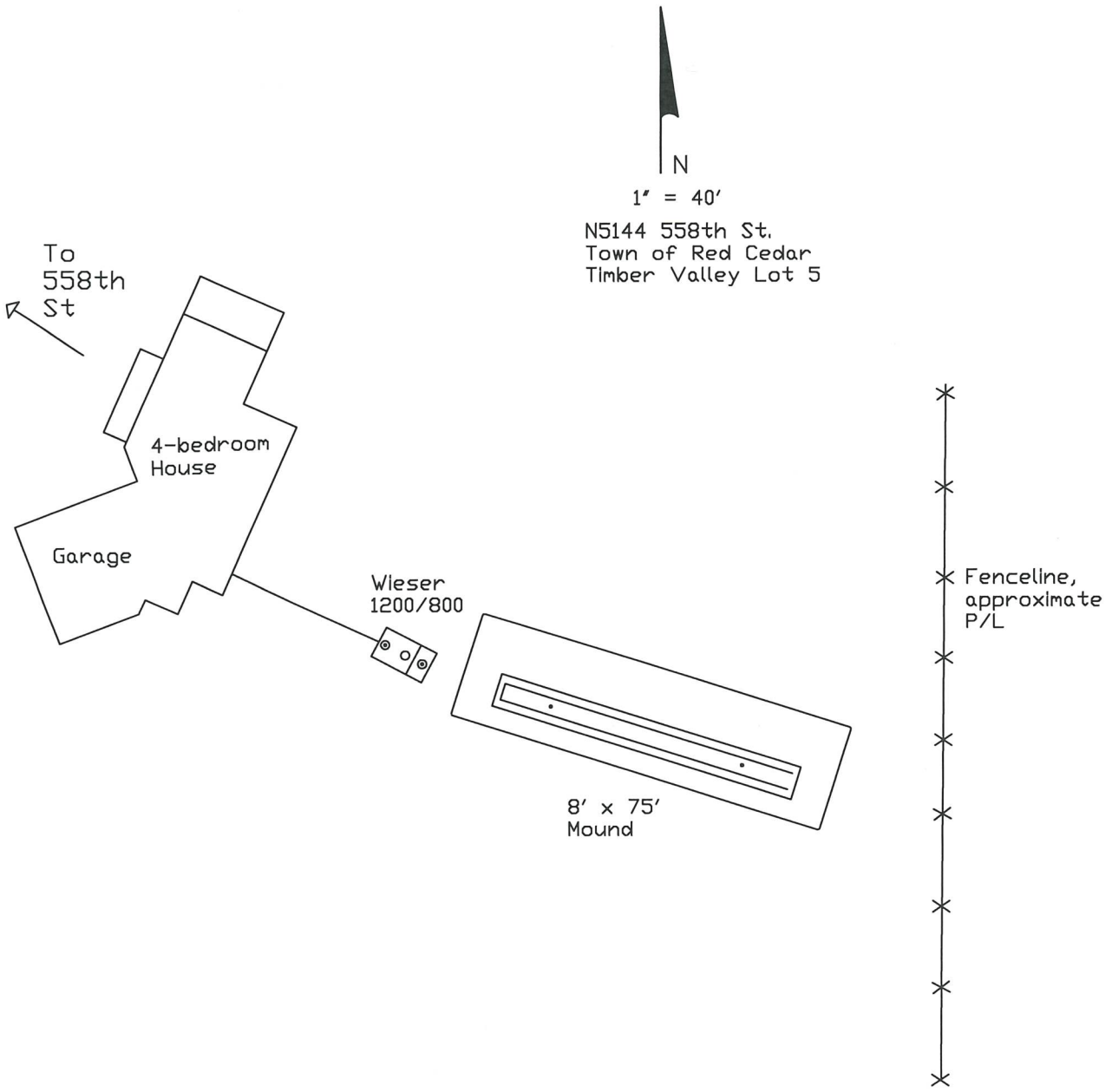
-*No well onsite at time of inspection

New House/Double Wide	X
New Mobile Home	
New Other	
Replace/Repair/Reconnect	

10/7/2022
Date

Inspector's Signature

1360690
Cert. No.


N
1" = 40'
N5144 558th St.
Town of Red Cedar
Timber Valley Lot 5
To
558th
St
4-bedroom
House
Garage
Wieser
1200/800
8' x 75'
Mound
Fenceline,
approximate
P/L

DUNN COUNTY

Parcel #: 1702422812311400005

Alt. #: NA

STATE * SANITARY PERMIT

No. 643989

NEW - Mound

- N5144 558TH ST.

OWNER LIJANE BRUNNER, 1690 SUNWOOD CT, RIVER FALLS, WI

PLUMBER CHRIS BAUER **LICENSE #** 220684

TOWN OF RED CEDAR **LOCATED** SE-NE

SECTION 31 **T** 28 **N – R** 12 **W**

AND/OR LOT 5 **BLOCK** ____

TIMBER VALLEY **CSM/SUBDIVISION**

Janet Riedel **AUTHORIZED ISSUING OFFICER** **DATE** 7/26/2022

(4-bedroom dwelling)

CHAPTER 145.135 WISCONSIN STATUTES

(a) The purpose of the sanitary permit is to allow installation of the private sewage system described in the application for permit.

(b) The approval of the sanitary permit is based on regulations on force on the date of issue.

(c) The sanitary permit is valid 2 years from original date of issuance and may be renewed for similar periods thereafter. Application for renewal shall be made through the county and shall comply with regulations in effect at the time.

(d) Changed regulations will not impair the validity of a sanitary permit until the time of renewal.

(e) Renewal of the sanitary permit will be based on regulations in force at the time renewal is sought. Changed regulations may impede renewal.

(f) The sanitary permit is transferable. A sanitary permit transfer shall be obtained from the county authority.

THIS PERMIT EXPIRES 7/25/2024 UNLESS RENEWED PRIOR TO THAT DATE

(TWO YEARS FROM THE ORIGINAL DATE OF ISSUANCE)

PLACE VISIBLE FROM THE ROAD FRONTING THE LOT DURING CONSTRUCTION

SBD-6499(R. 9/16)

DIVISION OF INDUSTRY SERVICES
2331 SAN LUIS PL
GREEN BAY WI 54304-5211
Contact Through Relay
http://dsps.wi.gov/programs/industry-services
www.wisconsin.gov

Tony Evers - Governor
Dawn Crim - Secretary

July 8, 2022

CONDITIONAL APPROVAL

Conditionally
APPROVED
DEPT. OF SAFETY AND PROFESSIONAL SERVICES
DIVISION OF INDUSTRY SERVICES

Tim Vander Leest
SEE CORRESPONDENCE

PLAN APPROVAL EXPIRES: 2024-07-08
Plan Review: PWTS-072201466-C

CHRIS M BAUER
N6483 Dorwins Mill Rd
Durand WI 54736

SITE: **TR Lot 5-LiJane Brunner**
N5144 558th St
Town of RED CEDAR
Dunn County

Total Amount: $500.00

Pressure Distribution Component Manual – Ver. 2.0, SBD-10706-p (N.01/01, R 10/12)

Mound Component Manual – Ver. 2.0, SBD-10691-P (N.01/01, R 10/12)

Description: 600 GPD (4 Bedrooms – New Construction)

Maintenance Required

The submittal described above has been reviewed for conformance with applicable Wisconsin Administrative Codes and Wisconsin Statutes. The submittal has been CONDITIONALLY APPROVED. This system is to be constructed and located in accordance with the enclosed approved plans and with any component manual(s) referenced above. The owner, as defined in chapter 101.01(10), Wisconsin Statutes, is responsible for compliance with all code requirements.

No person may engage in or work at plumbing in the state unless licensed to do so by the Department per s.145.06, stats.

The following conditions shall be met during construction or installation and prior to occupancy or use:

- **Preserve dispersal area** prior and during construction to avoid disturbance, compaction and use of the site.
- **With new construction;** it is recommended not to activate the pump in the dose tank until the tanks are pumped prior to homeowner occupancy.
- **Wastewater generated from contractors** cleaning of equipment and tools and/or left over construction products shall not be discharged into the drains discharging to the private onsite wastewater treatment system (POWTS). Waste generated shall be properly disposed of on-site or off site.
- **Any tall grasses, leaves and shrubs** shall be cut short and removed prior to tilling the surface for installation to prevent matting under the dispersal area. All loose organic material to be removed from POWTS Dispersal Area.

- **Divert surface water** from all POWTS Areas.
- **Prior to construction of the dispersal area, check the moisture content** of the soil to a depth of 8 inches. Smearing and compacting of wet soil will result in reducing the infiltration capacity of the soil. Proper soil moisture content can be determined by rolling a soil sample between the hands. If it rolls into a 1/4- inch wire, the site is too wet to prepare. If it crumbles, site preparation can proceed. If the site is too wet to prepare, do not proceed until it dries.
- **All piping** shall conform to SPS Table 384.30-3 and SPS Table 384.30-5
- **Insulate building sewer** beyond 30 feet per SPS 382.30 (11)(c)
- **Well setbacks to meet** chs. NR 811 & 812
- **Tank Installation** to follow all manufacture's recommendations.
- **Verify property line(s)** prior to installation.
- **Pump Floats to be set and verified per approved plan. Any changes may result in pump resizing to meet TDH and GPM Specifications.**
- **Areas that are occupied** with rock fragments, tree roots, stumps and boulders reduce the amount of soil available for proper treatment. If no other site is available, trees in the basal area of the mound must be cut off at ground level. A larger fill area is necessary when any of the above conditions are encountered, to provide sufficient infiltrative area.

Owner Responsibilities

- The current owner, and each subsequent owner, shall receive a copy of this letter including instructions relating to proper use and maintenance of the system. Owners shall receive a copy of the appropriate operation and maintenance manual and/or owner's manual for the POWTS described in this approval **SPS 383.54(1).**
- In the event this soil absorption system or any of its component parts malfunctions so as to create a health hazard, the property owner must follow the contingency plan as described in the approved plans.

A copy of the approved plans, specifications and this letter shall be on-site during construction and open to inspection by authorized representatives of the Department, which may include local inspectors. All permits required by the state or the local municipality shall be obtained prior to commencement of construction/installation/operation.

In granting this approval the Division of Industry Services reserves the right to require changes or additions should conditions arise making them necessary for code compliance. As per state stats 101.12(2), nothing in this review shall relieve the designer of the responsibility for designing a safe building, structure, or component.

Inquiries concerning this correspondence may be made to me at the telephone number listed below, or at the address on this letterhead.

The above left addressee shall provide a copy of this letter and the POWTS management plan to the owner and any others who are responsible for the installation, operation or maintenance of the POWTS.

Thanks,

Tim VanderLeest

POWTS Plan Reviewer – Wastewater Specialist
Department of Safety & Professional Services | Division of Industry Services
email: tim.vanderleest@wisconsin.gov
Cell: 608-516-6134

Private Onsite Wastewater Treatment System

Index and Title Page

Project Name: LIJANE BRUNNER - 4 BR. MOUND POWTS (NEW)

Owner's Name: " "

Owner's Address: 1690 SUNWOOD CT.
RIVER FALLS, WI 54022

Conditionally
APPROVED
DEPT. OF SAFETY AND PROFESSIONAL SERVICES
DIVISION OF INDUSTRY SERVICES
Tim Vander Leest
~~SEE CORRESPONDENCE~~

Legal Description: SE, NE, 31, 28N, 12W

Municipality: Town, ~~Village~~, ~~City~~ of RED CEDAR

County: DUNN

Lot Number: 5 Block Number: _____ CSM Number: _____

Subdivision Name: TIMBER VALLEY - N 5144 558TH ST.

Parcel I.D. Number: 170242281231140005

Page 1	Index and Title Page
Page 2	Plot Plan
Page 3	Cross-Section & Plan View
Page 4	Pipe Lateral Layout
Page 5	Septic Tank / Pump Chamber Cross-Section & Specifications
Page 6	Pump Performance Information
Page 7	POWTS Owner's Manual & Management Plan
Page 8	POWTS Owner's Manual & Management Plan
Page 9	Filter Information

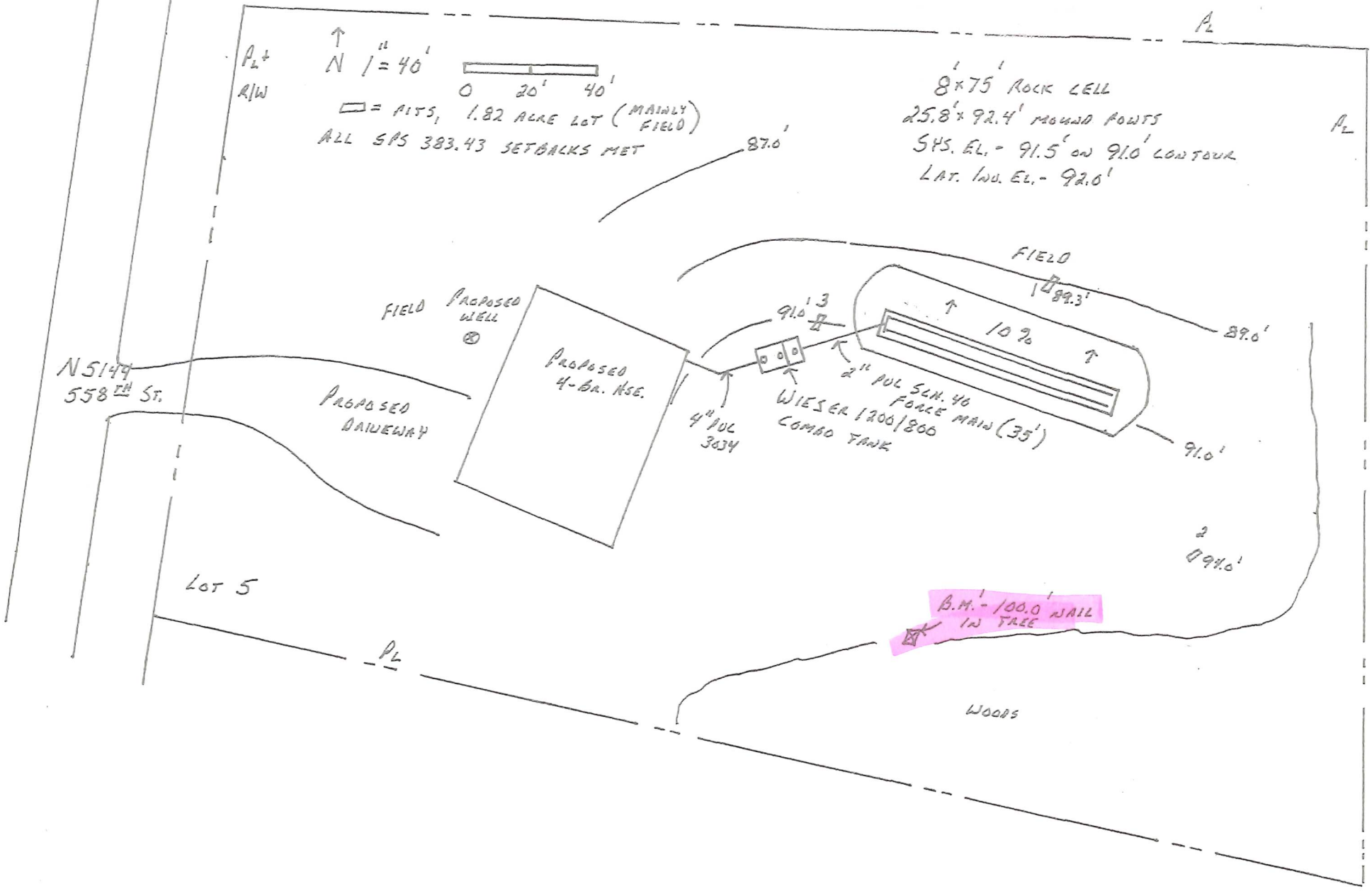
Name of Designer: CHRIS BAUER License #: MP- 220684

Signature: Chris Bauer Date: 7-7-2022

Designed pursuant to the following POWTS Component Manual and DSPS 381-385:
"Mound Component Manual for POWTS" Version 2.1 (May 2022-2027)
"Pressure Distribution Component Manual for POWTS" Version 2.1 (May 2022-2027)
Attachment: Soil Evaluation Report

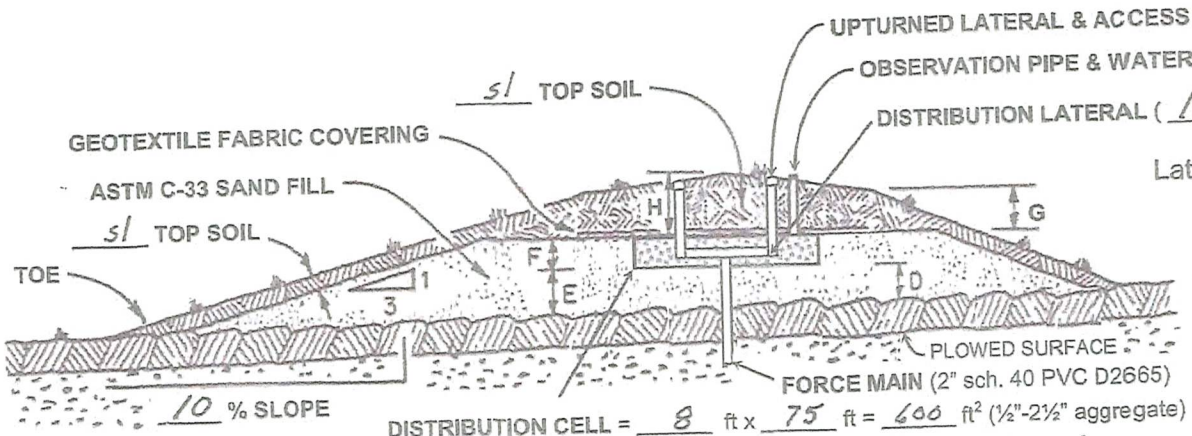
PLOT PLAN

LIJANE BRUNNER - N 5144 558TH ST.
LOT 5, TIMBER VALLEY
SE, NE, 31, 28N, 12W
T. OF RED CEDAR, DUNN CO.



D = .5 ft
E = 1.3 ft
F = .9 ft
G = .5 ft
H = 1.1 ft

CROSS-SECTION OF MOUND

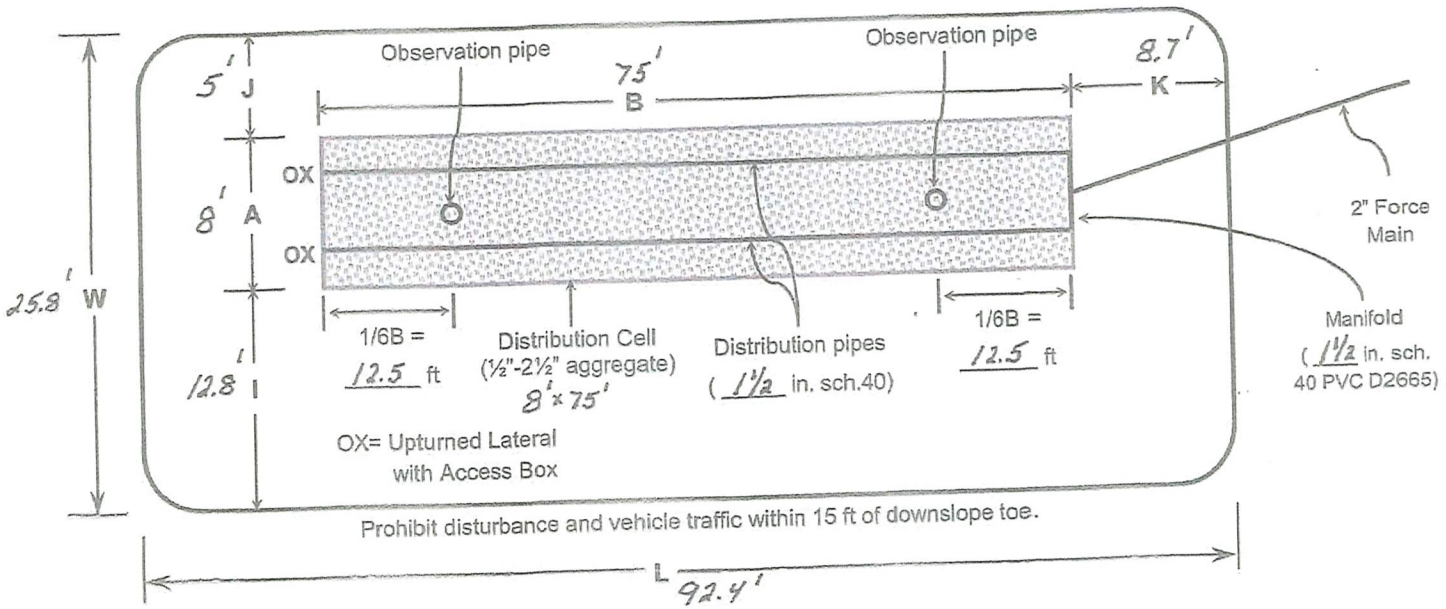


Lateral Invert El.= 92.0 ft
System El.= 91.5 ft
Contour El.= 91.0 ft

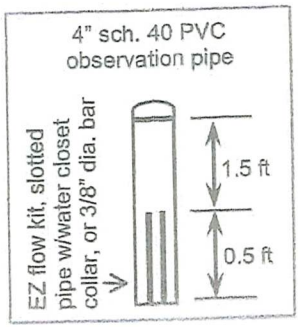
DISTRIBUTION CELL = 8 ft x 75 ft = 600 ft² (½"-2½" aggregate)
Min. Required = 600 ÷ 1.0 = 600 ft²

A = 8 ft
B = 75 ft
I = 12.8 ft
J = 5 ft
K = 8.7 ft
L = 92.4 ft
W = 25.8 ft

PLAN VIEW OF MOUND



Basal Area = 20.8 ft x 75 ft = 1560 ft²
Min. Required = 600 ÷ .4 = 1500 ft²



PIPE LATERAL LAYOUT OF MOUND

(End Manifold with Aggregate)

HOLE DIAMETER = 5/32 in.

LATERAL DIA. = 1½ in.

MANIFOLD DIA. = 1½ in.

FORCE MAIN DIA.= 2 in.

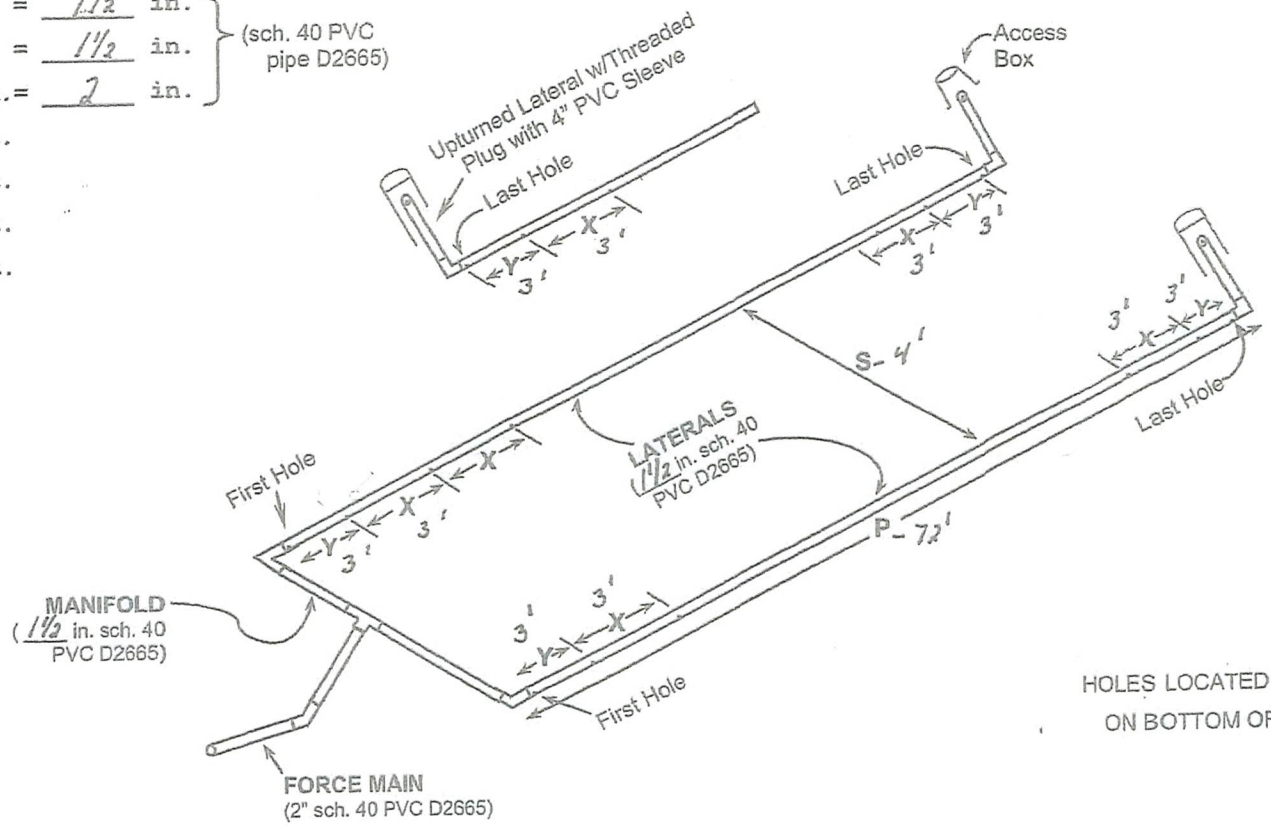
} (sch. 40 PVC pipe D2665)

P = 72 ft.

S = 4 ft.

X = 3 ft.

Y = 3 ft.



HOLES LOCATED EVENLY ON BOTTOM OF PIPE.

Minimum Number of Holes = 600 ft² ÷ 12 = 50 Holes

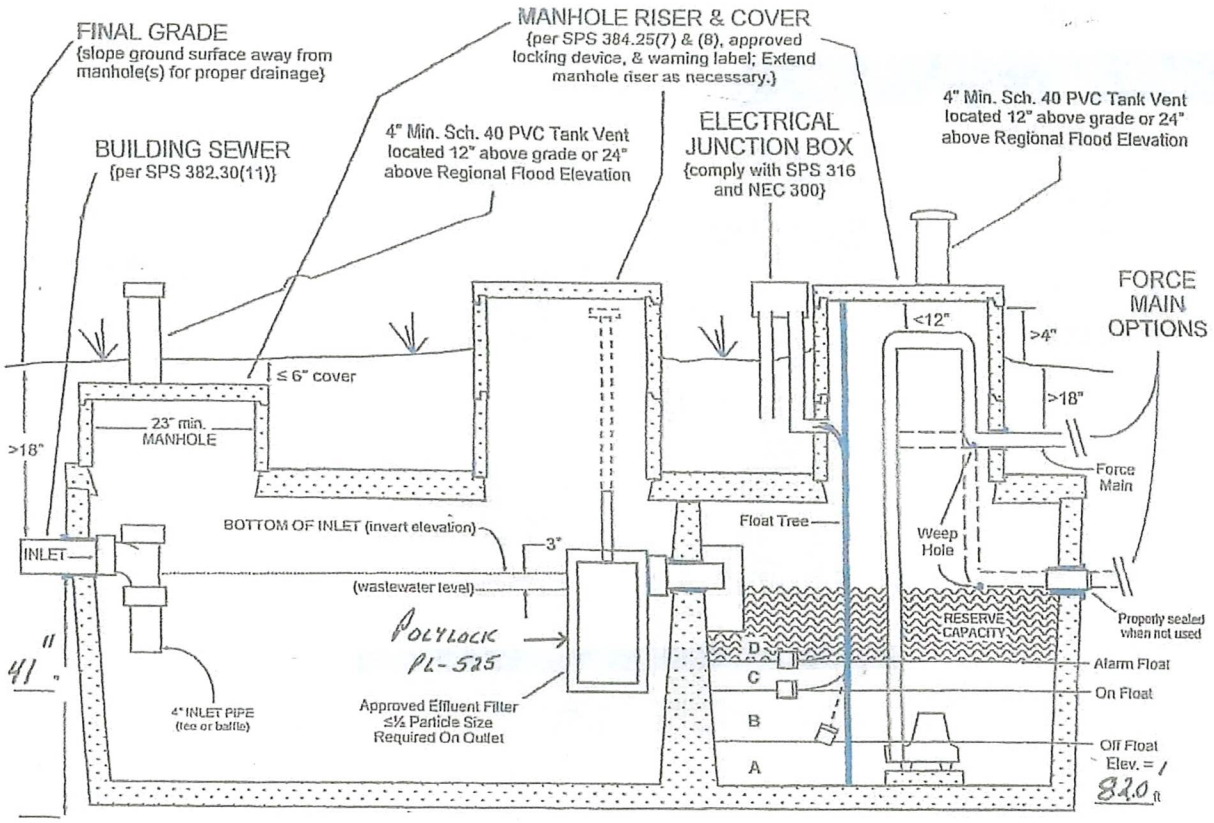
25 Holes/Lateral x 2 Laterals = 50 (5/32" Holes x 0.54gpm / (5/32") Hole = 27 GPM = **SYSTEM FLOW RATE**

PIPE VOLUME = 144 ft. Laterals (total) x 0.092 gal/ft. = 13.25 x 5 = 66.25 GAL = **MINIMUM DOSE VOLUME**

PIPE INVERT ELEVATION = 92.0 ft.

COMBINATION SEPTIC/DOSE TANK CROSS-SECTION

(DRAWING NOT TO SCALE)



MINIMUM OF 3" OF SUITABLE BEDDING BENEATH TANK & MAXIMUM BURY DEPTH OF 96"
Anchoring of tank may be required per SPS 383.43(8)(g)

Tank Manufacturer: Wieser Concrete
Septic/Pump Size: 1200/800 gallons

Alarm Manufacturer: S.J.E. Rhombus
Model Number: Tank Alert I
Switch Type: Mechanical

Effluent Pump Manufacturer: Little Giant
Model Number: 9EC

Minimum Discharge Rate: 27 GPM

Vertical lift (pump off to lateral invert)..... 10.0 ft
System head (distal pressure 3.5 x 1.3 ft): 4.6 ft
35 ft Force main x 1.7 /100 friction factor .6 ft
Filter friction loss..... — ft
Total Dynamic Head (TDH): 15.2 ft

Daily Wastewater Flow (DWF): 600 GPD
Number of daily doses: 5.3 (18.7%)

Force main volume: 35 ft x .163 gal/ft = 5.7 gal
Actual dose volume: 117.9 gal - 5.7 gal = 112.2 gal
(total dose volume - volume of force main)

DOSE TANK CAPACITIES:

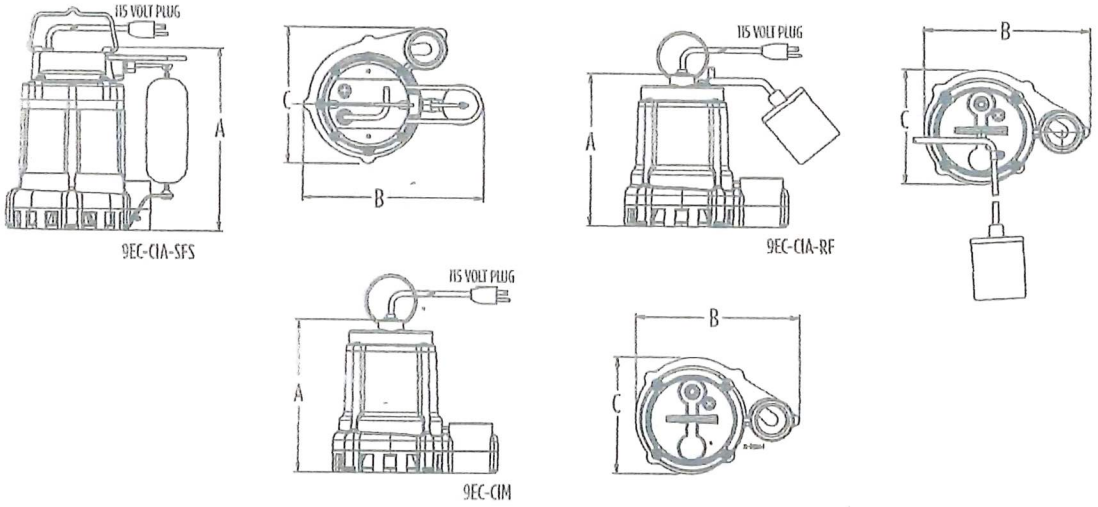
Reserve above alarm 20.7 in = 460.4 gal (D)
Alarm float above on float 2 in = 44.5 gal (C)
On/Off float measurement 5.3 in = 117.9 gal (B)
Off above tank bottom 8 in = 177.9 gal (A)

DOSE TANK DIMENSIONS:

Length 164" in Width 96" in
Outlet height 36 in Gallons/inch 22.24

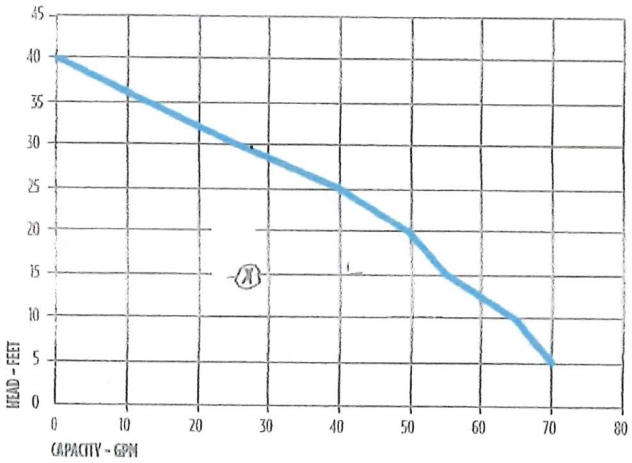
9EC SERIES - 4/10 HP

ENGINEERING DATA



9EC-CIA-SFS	11.8" (300 mm)	10.7" (271 mm)	8.4" (214 mm)
9EC-CIA-RF	11.0" (280 mm)	8.9" (226 mm)	8.4" (214 mm)
9EC-CIM	11.0" (280 mm)	8.9" (226 mm)	8.4" (214 mm)

PERFORMANCE DATA



CONSTRUCTION

Cover	Epoxy-coated cast iron/ *Thermoplastic
Motor Housing	Epoxy-coated cast iron
Impeller Material	Thermoplastic elastomer
Impeller Type	Non-clog
Volute	Epoxy-coated cast iron
Motor Shaft	Steel
Mechanical Shaft Seal	Nitrile with carbon and ceramic faces
Fasteners	Stainless steel
Bearings	Upper sintered sleeve and lower ball bearing
Power Cord	SJTW **SJTOW

* On SFS models

** On 30' 9EC-CIA-RF and 9EC-CIM models

POWTS OWNER'S MANUAL AND MANAGEMENT PLAN

FILE INFORMATION

Owner	LI JANE BRUNNER
Permit #	643989

DESIGN PARAMETERS

Number of Bedrooms (100gpd/bedroom)	4
Number of Commercial Units	-
Estimated flow (average)	400 gal/day
Design flow (DWF), estimated x 1.5	600 gal/day
Soil Application Rate	1.0 gal/day ft^2
Influent/Effluent Quality (☐ NA) Fats, Oil & Grease (FOG) Biochemical Oxygen Demand (BOD_5) Total Suspended Solids (TSS)	Monthly Average ≤ 30 mg/L ≤ 220 mg/L ≤ 150 mg/L
Pretreated Effluent Quality (☒ NA) Biochemical Oxygen Demand (BOD_5) Total Suspended Solids (TSS) Fecal Coliform (geometric mean)	Monthly Average ≤ 30 mg/L ≤ 30 mg/L ≤10 cfu/100ml
Maximum Effluent Particle Size	1/8 inch diameter

SYSTEM SPECIFICATIONS

Septic Tank Capacity	1200 gal ☐ NA
Septic Tank Manufacturer	WIESER CONCR. ☐ NA
Effluent Filter Manufacturer	POLYLOCK ☐ NA
Effluent Filter Model	PL-525 ☐ NA
Pump Tank Capacity	800 gal ☐ NA
Pump Tank Manufacturer	WIESER ☐ NA
Pump Manufacturer	LITTLE GIANT ☐ NA
Pump Model	9EC ☐ NA

Pretreatment Unit (☒ NA)

☐ Sand/Gravel Filter ☐ Peat Filter
☐ Mechanical Aeration ☐ Wetland
☐ Disinfection ☐ Other:
Manufacturer: Model:

Soil Absorption Component (☐ NA)

☐ In-ground (gravity) ☐ In-ground (pressurized)
☐ At-grade ☒ Mound
☐ Drip-line ☐ Other:

☐ Dispersal Units ---- Manufacturer _____
☐ Aggregate Cell(s) Model _____

Calculations:

DWF	÷ Soil Application rate	= Dispersal Area Required	− End Cap EISA	÷ (Dispersal Unit EISA) or (Trench Width)	= # Units or Total Length of Trench(s)
600	÷ 1.0	= 600	−	÷ 8'	= 75'

DESIGN CRITERIA

- ☐ "Design of Pressure Distribution Networks for Septic Tank-Soil Absorption Systems" Publication 9.6 (SSWMP Manual)
- ☐ "ICC Flowtech Mound Component Manual" Version 1.2
- ☐ "EzFlow Mound Component Manual" Version 12/15/2017
- ☐ SBD - 10854–P (R.1/12) "At-Grade Component Manual Using Pressure Distribution" Version 2.0
- ☐ SBD - 10705–P (N.01/01) "In Ground Soil Absorption Component Manual" Version 2.0
- ☒ SBD - 10691–P (N.01/01) "Mound Component Manual" Version 2.0
- ☐ SBD - 10657–P (R.6/99) "Drip-line Effluent Disposal Component Manual"
- ☐ SBD - 10706–P (N.01/01) "Pressure Distribution Component Manual" Version 2.0
- ☐ Other -

MAINTENANCE MONITORING SCHEDULE - MAINTENANCE AND MANAGEMENT

Service Event	Service Frequency
Pump/inspect tank(s), inspect dispersal cell(s), clean filter	At least once every: ☒ 13 months ☒ 3 years ☐ Other -
Inspect pump & pump controls, alarm, pretreatment unit	At least once every: ☐ months ☒ 3 years ☐ NA
Flush and pressure test laterals	At least once every: ☐ months ☒ 3 years ☐ NA

START UP AND OPERATION: For new construction, prior to use of the POWTS check treatment tank(s) for the presence of painting products or other chemicals that may impede the treatment process and/or damage the dispersal cell(s). If high concentrations are detected have the contents of the tank(s) removed by a septage servicing operator prior to use.

System start up shall not occur when soil conditions are frozen at the infiltrative surface.

The property owner is responsible for the operation and maintenance of the POWTS and submission of required reports. The quantity and quality of the wastewater stream will affect the performance and longevity of your POWTS. The installation of water-saving appliances and fixtures along with prompt repair of leaks reduces the wastewater volume. Also the brine or waste from water softeners, iron removal units, other clear water treatment devices and foundation drains should be discharged to the ground surface whenever possible. Note: this does not include laundry waste, showers, dishwater, etc.

This system is designed to handle domestic strength wastewater, however the disposal of food based greases and oils, vegetable/fruit peels and seeds, bones, and food solids such as those produced by a garbage disposal should be minimized. Toilet tissue is the only paper that should be discharged into the system. Other non-biodegradable items such as baby wipes, tampons, sanitary napkins condoms, cigarette butts, dental floss, and cotton swabs should not enter the system. Chemicals such as petroleum products, paint,

drinking water supply. Maintain a regular steady flow by spreading laundry washing throughout the week. Avoid vehicle traffic over all system components. Compaction of snow over the dispersal unit may cause it to freeze up.

INSPECTIONS & MAINTENANCE: Inspection shall be made by an individual carrying one of the following licenses or certifications: Master Plumber, Master Plumber Restricted Sewer, POWTS Maintainer, or Septage Servicing Operator (per the attached Maintenance Schedule). Tank inspections must include a visual inspection of the tank to identify any missing or broken hardware, identify any cracks or leaks, measure the volume of combined sludge and scum and check for any backup or ponding of effluent to the ground surface and test all electrical equipment such as pumps and alarms. Any defects shall be promptly corrected. Exposed openings greater than 8 inches in diameter shall be secured with effective locking devices to prevent accidental or unauthorized entry the tanks.

When the combination of sludge and scum in any tank exceeds one-third (1/3) or more of the tank volume, the entire contents of the tank shall be removed by a Septage Servicing Operator and disposed of in accordance with Ch. NR 113, Wisconsin Admin. Code. Specific servicing mechanics must be provided if vertical is >15 feet or if horizontal is >150 feet and instructions to be provided below.

The outlet filter(s) shall be inspected and cleaned to remove any accumulated solids according to manufacturer's specifications. Solids washed from the filter shall be retained in the tank. Filter cleaning may be necessary at more frequent intervals than stated in the maintenance schedule to keep the system operating.

Alarms should be tested on a regular basis by the home owner. If an alarm sounds, contact an individual licensed to service POWTS. There is normally a 1 day reserve under regular operating conditions, however water should be conserved until any problems with the system are corrected to prevent back-up of sewage into the dwelling or surfacing.

ABANDONMENT: When the POWTS fails and/or is permanently taken out of service the following steps shall be taken to ensure that the system is properly and safely abandoned in compliance with Ch. SPS 383.33, Wisconsin Admin. Code:

- All piping to tanks and pits shall be disconnected and the abandoned pipe openings sealed.
- The contents of all tanks and pits shall be removed and properly disposed of by a Septage Servicing Operator.
- After pumping, all tanks and pits shall be excavated and removed or their covers removed and the void space filled with soil, gravel, or other inert solid material.

CONTINGENCY PLAN: If the POWTS fails and cannot be repaired the following measures have been, or must be taken, to provide a code compliant replacement system:

A suitable replacement area has been evaluated and may be utilized for the location of a replacement soil absorption system. The replacement area should be protected from disturbance and compaction and should not be infringed upon by required setbacks from existing and proposed structure, lot lines and wells. Failure to protect the replacement area renders it unusable. Replacement systems must comply with the rules in effect at the time of replacement.

☐ A suitable replacement area is not available due to setback and/or soil limitations. Barring advances in POWTS technology a holding tank may be installed as a last resort to replace the failed POWTS.

☒ The site has not been evaluated to identify a suitable replacement area. Upon failure of the POWTS a soil and site evaluation must be performed to locate a suitable replacement area. If no replacement area is available a holding tank may be installed as a last resort to replace the failed POWTS.

☒ Mound and at-grade soil absorption systems may be reconstructed in place following removal of the biomat at the infiltrative surface. Reconstructions of such systems must comply with the rules in effect at that time.

WARNING!!!! SEPTIC, PUMP, AND OTHER TREATMENT TANKS MAY CONTIAN LETHAL GASSES AND/OR INSUFFICIENT OXYGEN. DO NOT ENTER A SEPTIC, PUMP, OR OTHER TREATMENT TANK UNDER ANY CIRCUMSTANCES. DEATH MAY RESULT. RESCUE OF A PERSON FROM THE INTERIOR OF A TANK MAY BE DIFFICULT OR IMPOSSIBLE.

ADDITIONAL COMMENTS: _____

POWTS INSTALLER

Name:	CHRIS BAUER MP-220684
Phone:	(715) 672-8224

POWTS MAINTAINER

Name:	BAUER PLUMBING
Phone:	(715) 672-8224

SEPTAGE SERVICING OPERATOR (Pumper) ?

Name:	
Phone:	

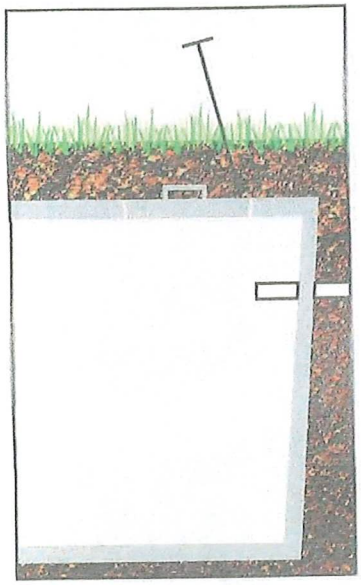
LOCAL REGULATORY AUTHORITY

Name:	DUNN COUNTY PLANNING & ZONING
Phone:	(715) 231-6521

POLYLOK Inc.
Innovations in Precast, Drainage & Wastewater Products
Zabel® A Division of Polylok Inc.

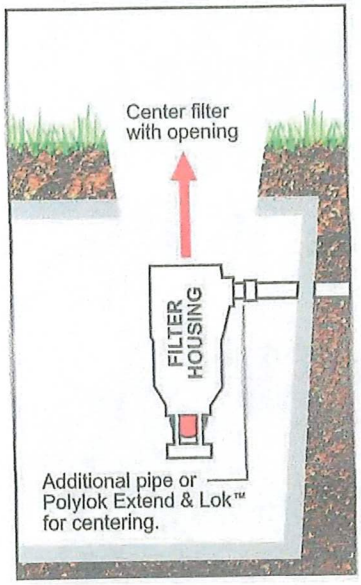
INSTALLATION INSTRUCTIONS
PL-122/PL-525/PL-625 FILTER

INSTALLATION INSTRUCTIONS

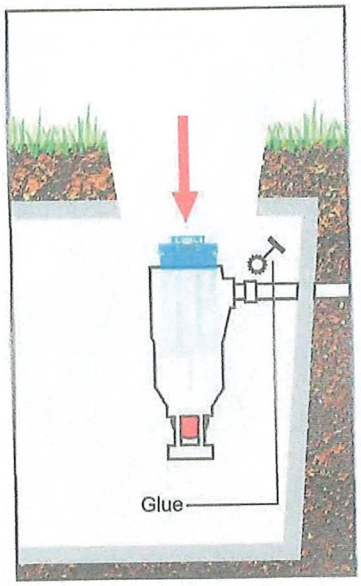


Step 1:
(A) Locate the outlet of the septic tank.
(B) Remove tank cover and pump tank if necessary.

NSF Certified to NSF/ANSI Standard 46 1/8"

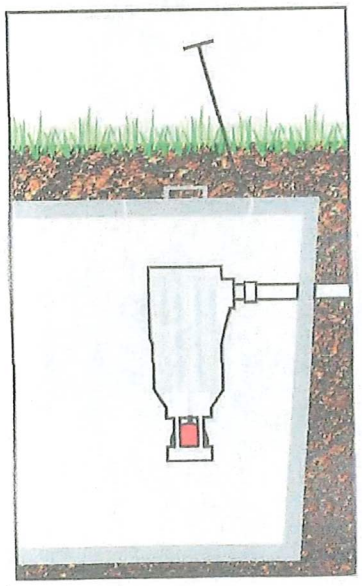


Step 2:
(A) Before installation, place the filter housing on to the outlet pipe.
(B) Make sure that the housing is positioned so the filter can be removed from the tank for maintenance and service.



Step 3:
(A) Glue the filter housing on the outlet pipe.
(B) Insert the filter cartridge in the housing, making sure the filter cartridge is properly aligned and completely inserted in the housing.

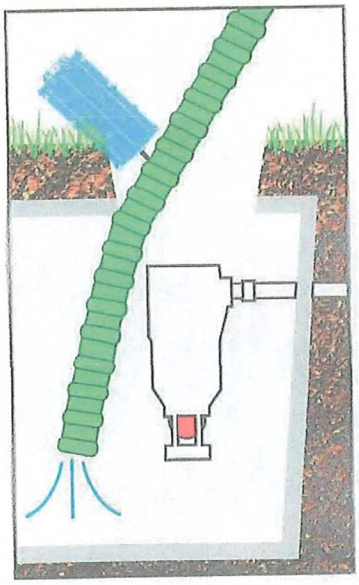
MAINTENANCE INSTRUCTIONS



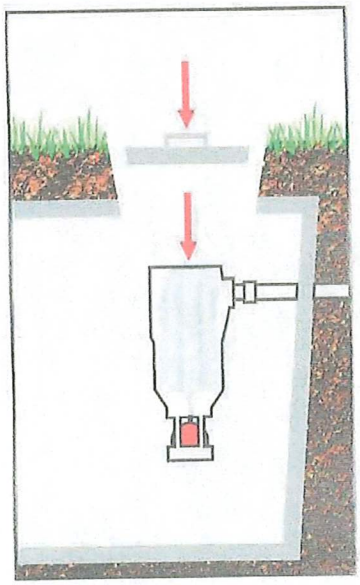
Step 1:
Locate the outlet of the septic tank.

DO NOT USE PLUMBING WHEN FILTER IS REMOVED

USE RUBBER GLOVES WHEN CLEANING FILTER



Step 2:
(A) Remove tank cover and pump if necessary.
(B) Pull the filter out of the housing.
(C) Hose off the filter over the septic tank. Make sure all solids fall back into the septic tank.



Step 3:
(A) Insert the filter cartridge back into the the housing making sure the filter is properly alighed and completely inserted.
(B) Replace septic tank cover

Polylok, Inc. 3 Fairfield Blvd. Wallingford, CT 06492 Toll Free: 877.765.9565 Fax: 203.284.8514 www.polylok.com


N
0
50
100
150m
DISCLAIMER: This map is not guaranteed to be
accurate, correct, current, or complete and
conclusions drawn are the responsibility of the

pd

Wisconsin Department of Safety and Professional Services
Division of Industry Services

RECEIVED JUL 25 2022

SOIL EVALUATION REPORT

In accordance with SPS 385, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information.

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

County: Dunn

Parcel I.D.: 1702422812311400005

Reviewed by: K Date: 7-25-22

Property Owner: Lijane Brunner c/o Timber Ridge Honey

Property Owner's Mailing Address:

City | State | Zip Code | Phone Number

Property Location
Govt. Lot SE ¼ NE ¼ S 31 T 28 N R 12 ☐ E (or) ☒ W
Lot # 5 | Block # | Subd. Name or CSM# Timber Valley
☐ City ☐ Village ☒ Town: Red Cedar
Nearest Road: S/O Ave + 558 St

☒ New Construction ☐ Replacement
Use: ☒ Residential / Number of bedrooms 4 Code derived design flow rate 600 GPD
☐ Public or commercial – Describe:
Parent material: SS residium + loess
Flood Plain elevation if applicable NA ft.

General comments and recommendations:
recommend 6" sandfill mound, 0.4 loadrate, 10% slope, 100' length available

Boring # 1

☐ Boring ☒ Pit
Ground surface elev. 893 ft.
Depth to limiting factor 40 in.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-11	10YR 4/2	NONE	sl	1fsbk	mfr	CS	3f	0.4	0.7
2	11-22	10YR 4/4		l	2fsbk	mfr	gs	2f	0.6	0.8
3	22-30	10YR 4/4		l	2msbk	mfr	gs	2f	0.6	0.8
4	30-40	10YR 5/6-7/6		fs	0	mfr	gs	1f	0.5	1.0
5	40+	10YR 7/3	02f15YR 5/8	Weakly cemented SSBR				—	—	—

Boring # 2

☐ Boring ☒ Pit
Ground surface elev. 894.0 ft.
Depth to limiting factor 34 in.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-9	10YR 4/2	NONE	sl	2fsbk	mfr	CS	2fcm	0.6	1.0
2	9-17	10YR 4/3		sl	1fsbk	mfr	gs	2fcm	0.4	0.7
3	17-27	10YR 4/4		sl	2msbk	mfr	gs	2fcm	0.6	1.0
4	27-34	10YR 4/6		sl	1fsbk	mfr	gs	1fcm	0.4	0.7
5	34+	10YR 7/4-7/6	03f15YR 5/8	Weakly cemented SSBR				—	—	—

* Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L * Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

CST Name (Please Print): Will Heidt Soil Testing
Address: W3503 Hemlock Road, Mondovi, WI 54755, (715) 579-9584
Signature: William L Heidt
Date Evaluation Conducted: June 28, 2022
CST Number: 227872
Telephone Number: 579-9584

SBD-8330 (R04/15)

R2

lot 5 Timber Valley

3 Boring # ☐ Boring ☒ Pit Ground surface elev. 910 ft. Depth to limiting factor 33 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-10	10YR 4/3	NONE	sl	1fsbk	mfr	as	3f	0-4	6-7
2	10-18	10YR 4/4		sl	1msbk	mfr	gw	2f	0-4	6-7
3	18-23	10YR 5/4		sl	1msbk	mfr	gw	2f	0-4	0-7
4	23-33	10YR 3/6		sl	2msbk	mfr	gs	1f	0-6	1-0
5	33-45	10YR 5/4	02fn5YR 5/8	sl	1csbk	mmfr	—	—	0-4	0-7
Inclusions		10YR 3/6	fld5YR 5/8	sl	∅	mmfr	—	—	0-2	0-4

☐ Boring # ☐ Boring ☐ Pit Ground surface elev. ____ ft. Depth to limiting factor ____ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2

☐ Boring # ☐ Boring ☐ Pit Ground surface elev. ____ ft. Depth to limiting factor ____ in.

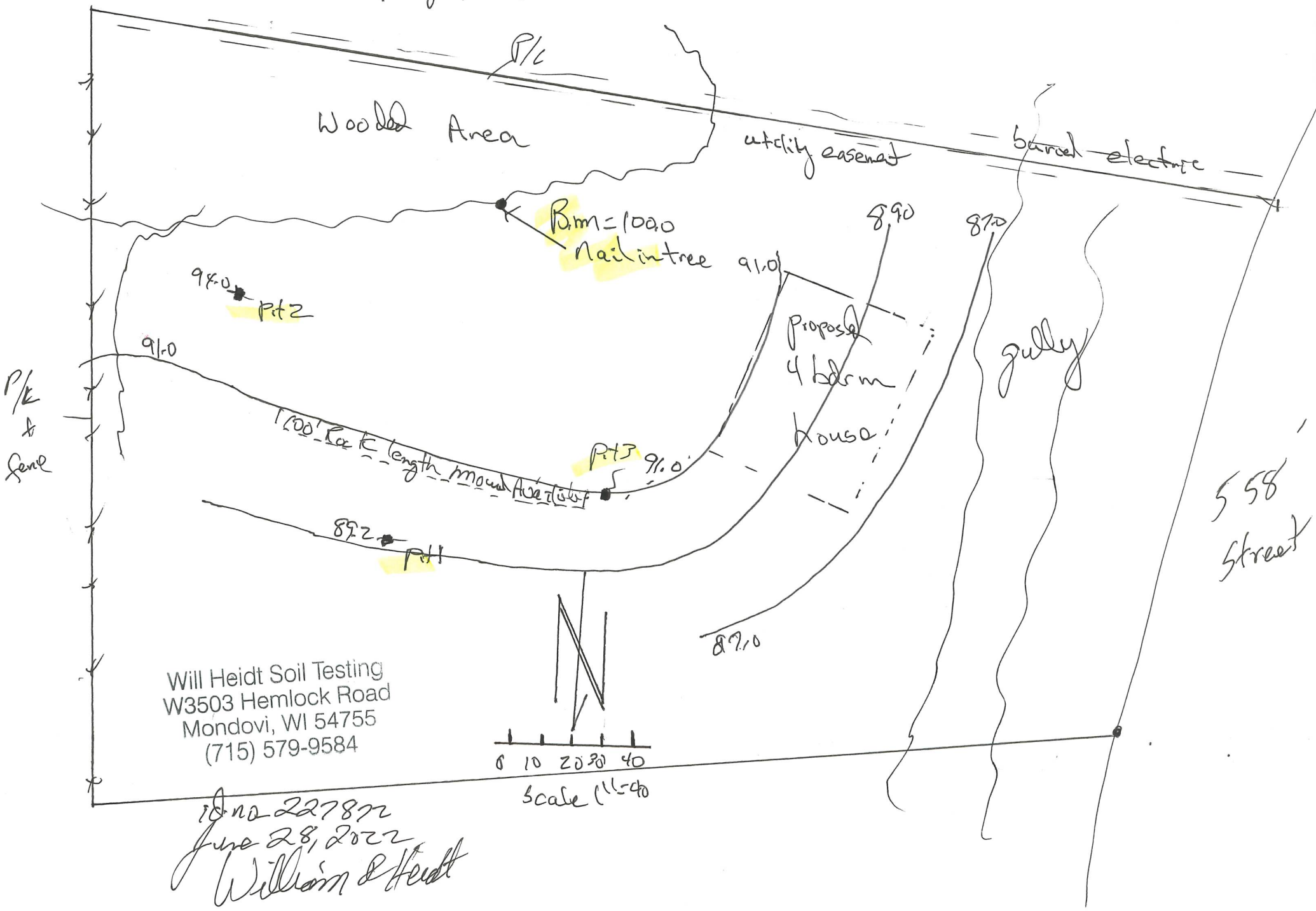
Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2

* Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

* Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

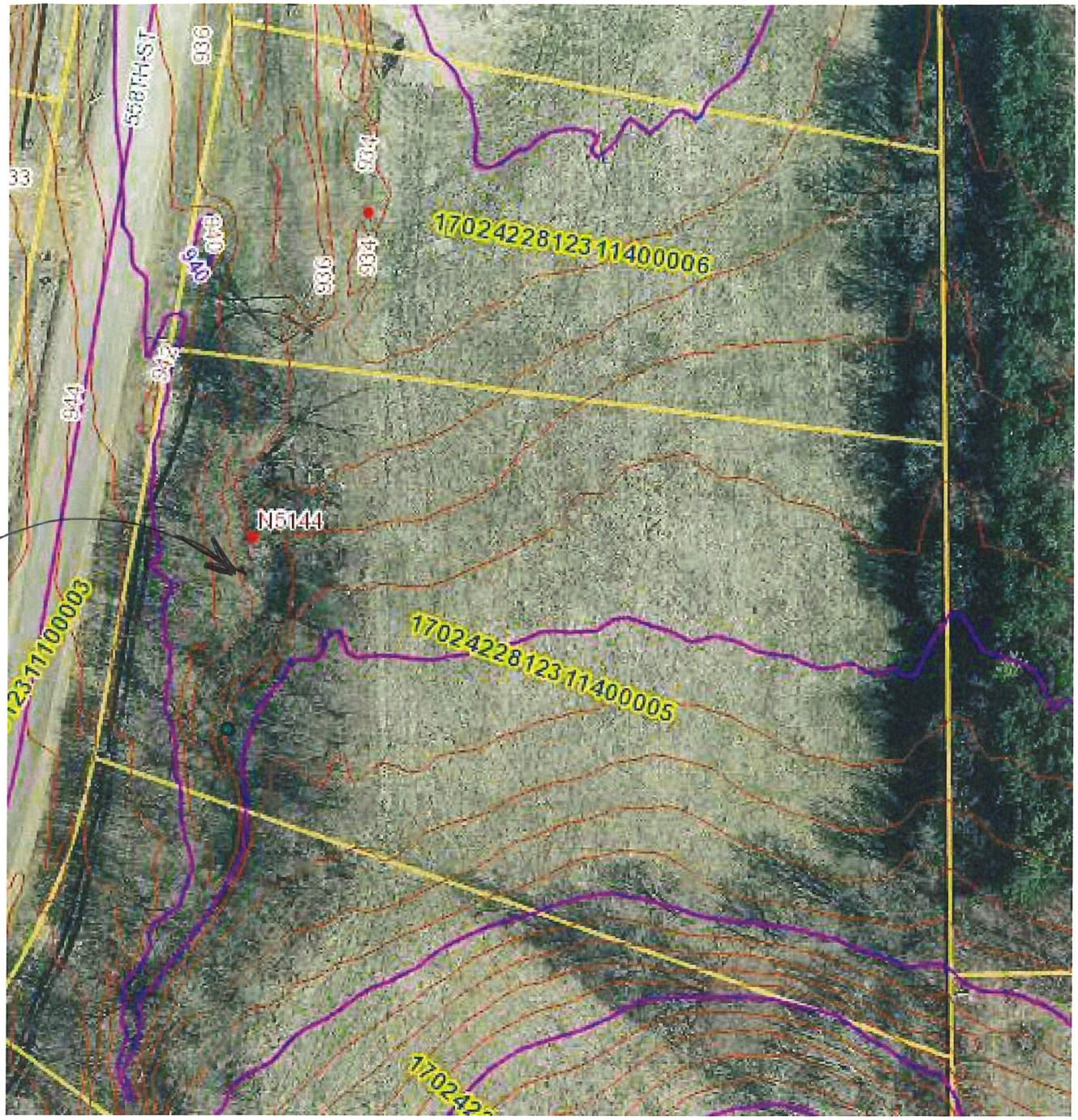
Lidane Brunner
c/o Timber Ridge Homes

Lot 5 Timber Valley



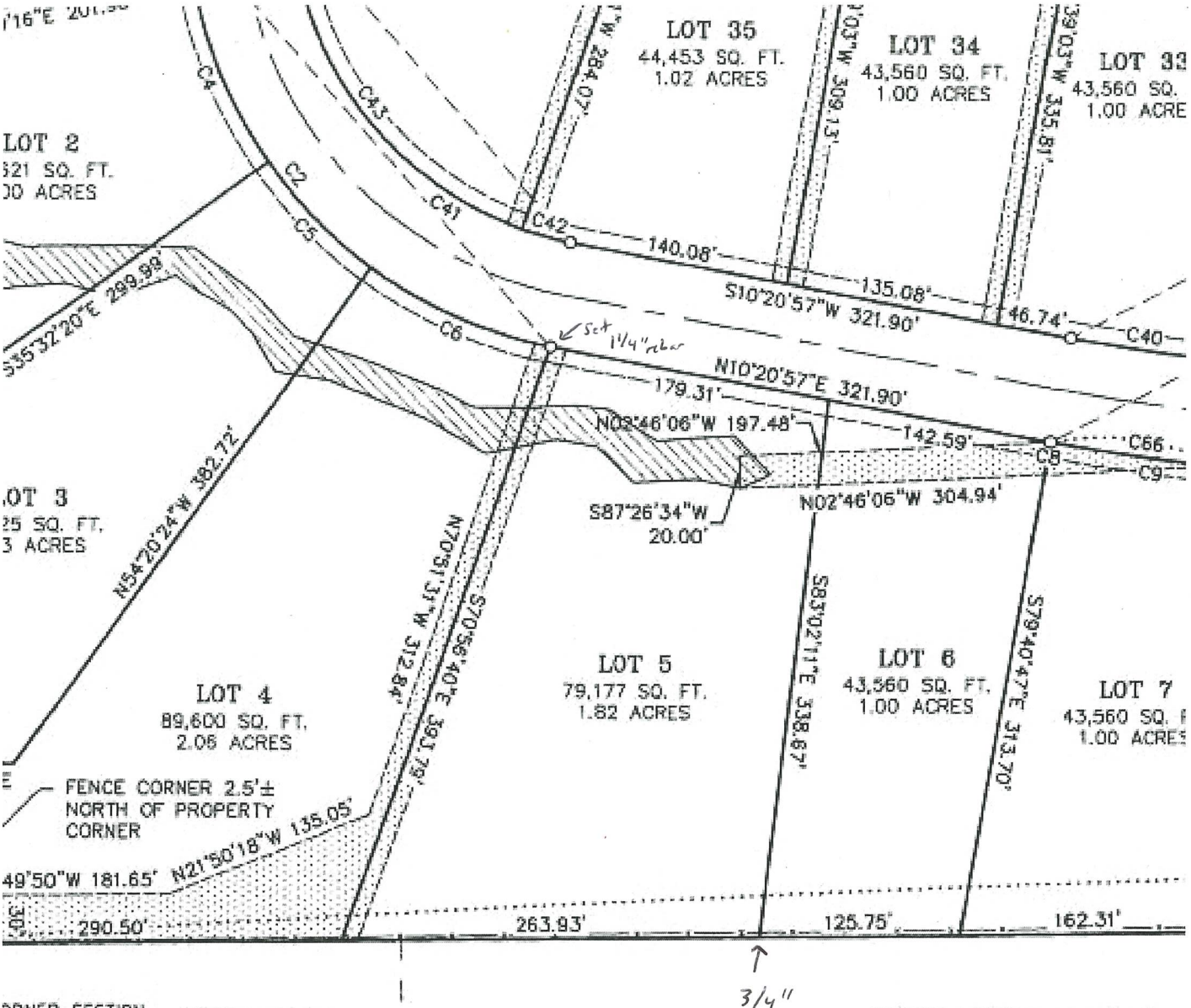
Will Heidt Soil Testing
W3503 Hemlock Road
Mondovi, WI 54755
(715) 579-9584

ID no 227822
June 28, 2022
William S Heidt



this parcel

N



ORNER, SECTION
2W, FOUND
RK NAIL
ED)

CSM 3641

UNPLATTED LANDS
OWNED BY OTHERS

DUNN COUNTY Wisconsin

Environmental Services Department
Planning/Zoning Division
3001 US Hwy 12E, Suite 240
Menomonie, WI 54751
715-231-6520

February 10, 2023

LIJANE BRUNNER
1690 SUNWOOD CT
RIVER FALLS WI 54022

RE: Parcel located in Section 31 T28N-R12W
Town of Red Cedar, Dunn County, WI

Septic system installation address/fire number is – **N5144 558TH ST**

In 2022, a new or replacement on-site waste disposal system was installed on the parcel described above. This installation was inspected for code compliance and the inspection report together with the installing plumber's original forms are on permanent file with this office.

Wisconsin Statutes (ss 145.245(3)) requires maintenance of the septic tank for sludge content every three years. You or the subsequent owner of this property will be notified in **2025** to perform maintenance on this system. This maintenance requirement involves pumping of the septic tank by a licensed septic tank pumper or an inspection which verifies no pumping is required at this time. This notification of maintenance will follow every three years thereafter. This maintenance requirement is binding on all successors and assignees of this parcel. As the present owner, you are asked to disclose this requirement to the new owner(s) prior to sale.

The purpose of this maintenance requirement is to avoid premature failure of the private sewage system. A failed system presents a very serious environmental health risk to you and others.

If you have any question about this maintenance program, please do not hesitate to contact this office.

Sincerely,

Michelle Hrdlicka

Michelle Hrdlicka
Zoning Enforcement Officer