Sanitary Final Inspection Report

Zoning, Planning & POWTS Department
307 Main Street, Suite B03, Black River Falls WI 54615
Ph: 715.284.0220 * Fax: 715.284.0220
www.co.jackson.wi.us

Sanitary Permit:

Permit Number: 2713017

Permit Information:

Report #: 138	Issued Date: 6/6/2013	Inspection Date: 6/20/2013
Authorization Name: Dustin McCune	Authorization Title: Zoning Technician and Sanitarian	File #: 02-22-05-19-41

Inspection Information:

State Plan ID #: 2155905	CST BM Elev: 100.00	Insp BM Elev: 100.00

BM Desc:

bottom of house siding

Parcel Information:

Parcel #: 02402920000	Owner Name: SEDELBAUER, KIDD & ARMITAGE LLC
Phone: --	Mailing Address: 1100 E TAFT ST BLAIR, WI 54616-9368
Cell Phone: --	Property Address: W14207 HOLMES RD

Plat Description: NOT AVAILABLE

CSM: 0	Lot:	Block:
Section: 19	Township: T22N	Range: R5W
Twp/City: TOWN OF HIXTON	Qtr Qtr: NE SE	Acres: 40.00

Legal Description:

NE SE

Tank Information #1:

Tank:

New/Existing	Age	Manufacturer:	Material:	Compartments	Type	Gallons
New Tank		Al's Concrete	Prefab Concrete	Double	Septic	1000.00
					Pump	600.00

Filter:

Manufacturer: Polylok

Model Number: PL-525

Pump/Siphon:

Manufacturer: Goulds	Model Number: EPO5	Demand GPM: 49.50
TDH Lift: 9.00	Friction Loss: 1.50	System Head: 3.30
TDH: 13.80	Forcemain Length: 30	Forcemain Diameter: 2

Elevation:

Station	BS	HI	FS	ELEV
Benchmark	5.20	105.20		100.00
Alt. Benchmark			6.55	98.64
Alt. Bench. Comment	top of manhole cover over inlet			
Building Sewer				
Tank Inlet			11.00	94.20
Tank Outlet			11.40	93.80
Pump Tank In				
Pump Tank Out				
Pump Pad			14.20	91.00
Header "T"				
Bottom Cell #1			5.70	99.50
Pipe Cell #1				
Bottom Cell #2				
Pipe Cell #2				
Bottom Cell #3				
Pipe Cell #3				
Original C/L			6.20	99.00
Top of Well				
Final Grade				
Latitude	44 Deg	22 Min	16.98 Sec	
Longitude	91 Deg	1 Min	33.72 Sec	
out riser			9.55	95.65

Tank Information #1 (cont):

Soil Absorption System:

Cell Dimensions

Width:	9.00	Length:	50.00
Width:		Length:	
Width:		Length:	
Width:		Length:	
Width:		Length:	

Setback Information

System To	P/L	Building	Well	Lake/Stream
Mound	>40'	>20'	>100'	>200'

Leaching Chamber or Unit

Manufacturer:	Model Number:

Distribution System:

Header/Manifold

Length:	6.00	Diameter:	1.50

Distribution Pipe(s)

Length:	48.00	Diameter	1.50	Spacing:	3.00
x Hole Size	0.1880	x Hole Spacing	24.0000		

Soil Cover:

[x] Required to complete Soil Cover (>=12 inches)

Tank Setback Information:

Tank Setback #1

Distance From:	Septic Tank	Dosing	Aeration	Holding
Well	>100'	>100'		
Adjacent Well	>200'	>200'		
Foundation	7'	7'		
Property Line	>40'	>40'		
Navigable Water	>200'	>200'		

Tank Setback #2

Distance From:	Septic Tank	Dosing	Aeration	Holding
Well				
Adjacent Well				
Foundation				
Property Line				
Navigable Water				

Tank Setback #3

Distance From:	Septic Tank	Dosing	Aeration	Holding
Well				
Adjacent Well				
Foundation				
Property Line				
Navigable Water				

Additional Notes:

When I got out there they had the tank set and the building sewer connected to it. They had the forcemain in and the mound was up to grade and they were starting to put the EZ Flow bundles on. I got all the shots I needed and measured everything up. They were putting the laterals in the bundles when I left and backfilling the tank and building sewer.

Person(s) present during inspection

Ivan	Josh	Matt
		☐ Plan revision required

Date:	Inspector's Signiture	Cert No.
06/20/13	Dustin McCan	1046348

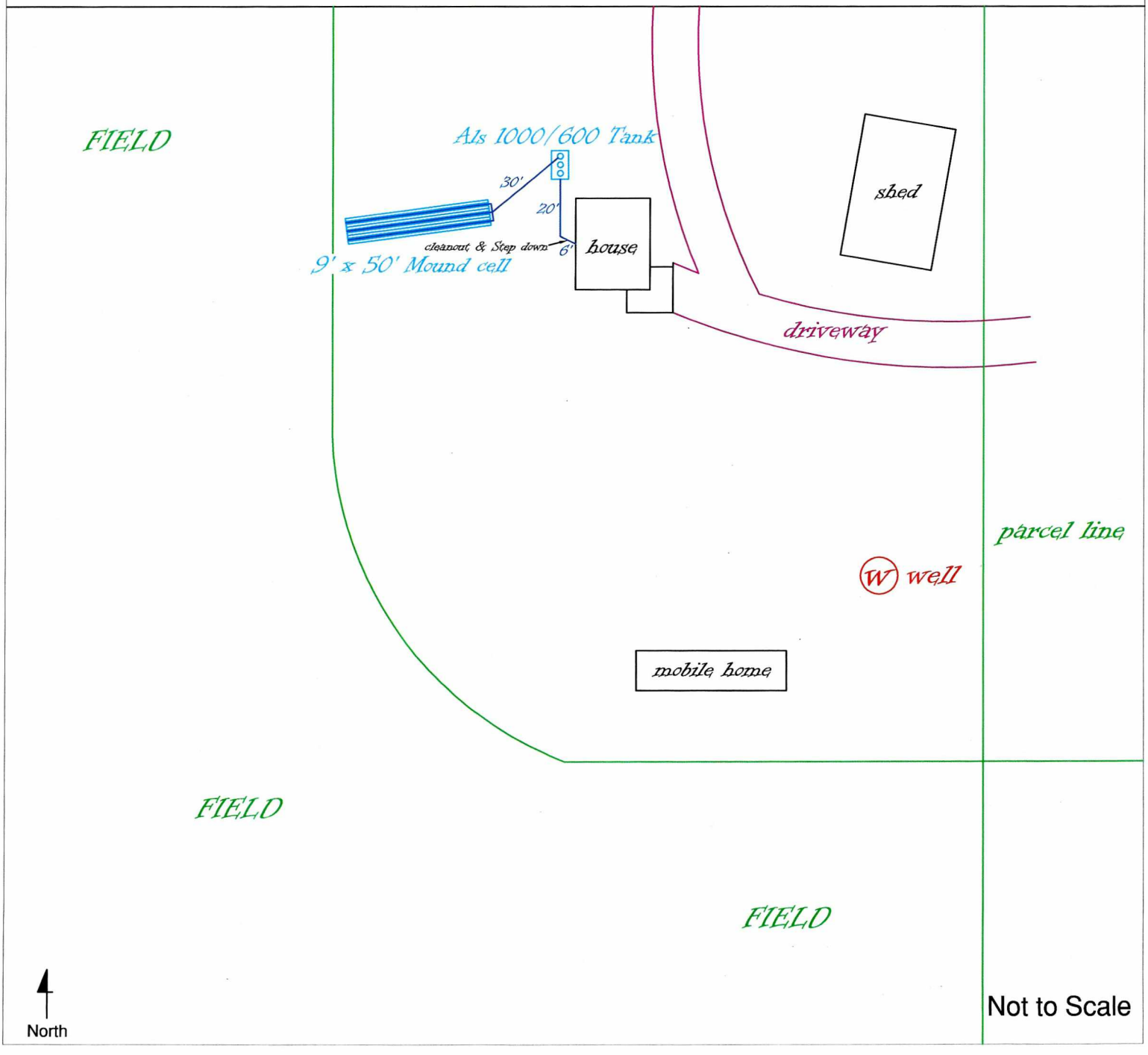
JACKSON COUNTY PRIVATE SEWAGE SYSTEM INSPECTION SKETCH

Onsite Date: 06/20/13 Inspector: Dustin McCune Owner: Trinity Farms

Plumber: Ivan Semingson Permit Number: 2713017 Type of POWTS System: Mound

NE 1/4 SE 1/4 Sec. 19 T 22 N, R 05 E or W, Township: Hixton Blk: —

Parcel Number: 024-0292.0000 Subdivision: — Lot #: — CSM #: —



Safety and Buildings Division
201 W. Washington Ave., P.O. Box 7162
Madison, WI 53707–7162

County: Jackson

Sanitary Permit Number (to be filled in by Co.): 2713017

State Transaction Number: 2155905

Sanitary Permit Application

In accordance with SPS 383.21(2), Wis. Adm. Code, submission of this form to the appropriate governmental unit is required prior to obtaining a sanitary permit. Note: Application forms for state-owned POWTS are submitted to the Department of Safety and Professional Servies. Personal information you provide may be used for secondary purposes in accordance with the Privacy Law, s. 15.04(1)(m), Stats.

Project Address (if different than mailing address): W14207 Holmes Rd

I. Application Information – Please Print All Information

Property Owner's Name: Trinity Farms c/o Travis Armitage

Parcel #: 024-0292.0000 / 024-0305-0000

Property Owner's Mailing Address: 1100 E. Taft St.

Property Location: Govt Lot ___ NE SE ¼, SW ¼, Section 19 20 (circle one); T 22 N; R 5 E or W

City, State	Zip Code	Phone Number
Blair WI.	54616	608-797-1688

II. Type of Building (check all that apply)

☑ 1 or 2 Family Dwelling – Number of Bedrooms: 3

☐ Public/Commercial – Describe Use: ___

☐ State Owned – Describe Use: ___

Lot #: —

Block #: —

CSM Number: —

Subdivision Name: —

☐ City of ___

☐ Village of ___

☑ Town of Hixton

III. Type of Permit: (Check only one box on line A. Complete line B if applicable)

A.	☐ New System	☒ Replacement System	☐ Treatment/Holding Tank Replacement Only		☐ Other Modification to Existing System (explain)
B.	☐ Permit Renewal Before Expiration	☐ Permit Revision	☐ Change of Plumber	☐ Permit Transfer to New Owner	List Previous Permit Number and Date Issued

IV. Type of POWTS System/Component/Device: (Check all that apply)

☐ Non-Pressurized In-Ground ☐ Pressurized In-Ground ☐ At-Grade ☒ Mound ≥ 24 in. of suitable soil ☒ Mound < 24 in. of suitable soil

☐ Holding Tank ☐ Other Dispersal Component (explain)___ ☐ Pretreatment Device (explain)___

V. Dispersal/Treatment Area Information:

Design Flow (gpd)	Design Soil Application Rate(gpdsf)	Dispersal Area Required (sf)	Dispersal Area Proposed (sf)	System Elevation
450	1.0	450	450	99.5

VI. Tank Info

	Capacity in Gallons: New Tanks	Capacity in Gallons: Existing Tanks	Total Gallons	# of Units	Manufacturer	Prefab Concrete	Site Constructed	Steel	Fiber Glass	Plastic
Septic or Holding Tank	1000	—	1000	1	AL's Concrete	✓				
Dosing Chamber	600	—	600	1	" "	✓				

VII. Responsibility Statement- I, the undersigned, assume responsibility for installation of the POWTS shown on the attached plans.

Plumber's Name (Print)	Plumber's Signature	MP/MPRS Number	Business Phone Number
Ivan Semingson	Ivan Semingson	232283	715-983-5571

Plumber's Address (Street, City, State, Zip Code): P.O. Box 298 Pigeon Falls WI. 54760

VIII. County/Department Use Only

☒ Approved / ☐ Disapproved / ☐ Owner Given Reason for Denial	Permit Fee	Date Issued	Issuing Agent Signature
	$ 400	06/06/13	Dustin McCann

IX. Conditions of Approval/Reasons for Disapproval

1. All setbacks must be met.
2. Existing septic system must be properly abandoned.
3. Mound must be seeded & mulched to prevent erosion.
4. System Elevation 99.5 Lateral Elevation 100.0
5. Pump must be EP05.

Attach to complete plans for the system and submit to the County only on paper not less than 8 1/2 x 11 inches in size

Safety and Buildings
141 NW BARSTOW ST FL 4TH
WAUKESHA WI 53188-3789
Contact Through Relay
www.dsps.wi.gov/sb/
www.wisconsin.gov

Scott Walker, Governor
Dave Ross, Secretary

October 09, 2012

CUST ID No. 224736

ATTN: POWTS Inspector

MARK H PALMER
PALMER SOIL TESTING & CONSULTING
N27128 LINDSTROM RD
BLAIR WI 54616

ENVIRONMENTAL HEALTH AND ZONING
JACKSON COUNTY SPIA
307 MAIN ST, SUITE B03
BLACK RIVER FALLS WI 54615

CONDITIONAL APPROVAL
PLAN APPROVAL EXPIRES: 10/09/2014

Identification Numbers
Transaction ID No. 2155905
Site ID No. 784596
Please refer to both identification numbers, above, in all correspondence with the agency.

SITE:
Travis Armitage
W14207 Holmes Rd
Town of Hixton
Jackson County
NW1/4, SW1/4, S20, T22N, R5W

FOR:
Description: Mound, 3 bedroom
Object Type: POWTS Component Manual Regulated Object ID No.: 1394591
Maintenance required; Replacement system; 450 GPD Flow rate; 30 in Soil minimum depth to limiting factor from original grade; System(s): Mound Component Manual - Version 2.0, SBD-10691-P (N.01/01), Pressure Distribution Component Manual - Version 2.0, SBD-10706-P (N.01/01); Effluent Filter

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:

This system is to be constructed and located in accordance with the enclosed approved plans and with the "Mound Component Manual for Private Onsite Wastewater Systems VERSION 2.0" SBD-10691-P (N.01/01) and the "Pressure Distribution Component Manual for Private Onsite Wastewater Treatment Systems VERSION 2.0" SBD-10706-P (N.01/01).

The building sewer and distribution network piping shall be of material listed in Table 384.30-3 and 384.30-5, Wis. Adm. Code.

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. In addition, the owner must comply with the operation, maintenance and monitoring duties as described in section VIII of the mound component manual. A copy of this information must be given to the owner upon completion of the project.

All holding/treatment tanks are to comply with SPS 384.25(7)(a).

Maintenance information must be given to the owner of the tank explaining that periodic cleaning of the filter is required. Access to the filter for cleaning must be provided per SPS 384 product approval conditions.

A Sanitary Permit must be obtained from the county where this project is located in accordance with the requirements of Sec. 145.135 and 145.19, Wis. Stats.

Inspection of the private sewage system installation is required. Arrangements for inspection shall be made with the designated county official in accordance with the provisions of Sec. 145.20(2)(d), Wis. Stats.

Owner Responsibilities:

- **SPS 383.52** Responsibilities. The owner of a POWTS shall be responsible for ensuring that the operation and maintenance of the POWTS occurs in accordance with this chapter and the approved management plan under s. **SPS 383.54(1)**.

- **SPS 383.52(2)** A POWTS that is not maintained in accordance with the approved management plan or as required under s. **SPS 383.54(4)** shall be considered a human health hazard.

- **SPS 383.55** The owner is responsible for submitting a maintenance verification report acceptable to the county for maintenance tracking purposes. Reports shall be submitted at intervals appropriate for the component(s) utilized in the POWTS.

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 Safety & Buildings 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.

Sincerely,

Julia Lewis-Osborne
POWTS Reviewer 2 , Integrated Services
(262) 397-6005, Fax: (608) 283-7481
julia.lewis@wisconsin.gov

Fee Required $	250.00
Fee Received $	250.00
Balance Due $	0.00

WiSMART code: 7633

cc: Ivan C Semingson , Semingson Plumbing and Pumps LLC (Plans Mailed To)

Note: Effective January 1, 2012, all codes under the jurisdiction of the Division of Safety & Buildings will be modified. Code references with prefixes starting with "Comm" will be replaced with "SPS" to recognize the relocation of the Division of Safety & Buildings from the former Dept. of Commerce to the Dept. of Safety & Professional Services. Additionally, all S&B codes will be renumbered and addressed in a "300" series. For future reference, the Wisconsin Commercial Building Code will be addressed by SPS Chapters 360-366.

EZ FLOW MOUND COVER SHEET

SYSTEM IS TO COMPLY WITH PROVISIONS OF:
EZ Flow Mound Component Manual (8-20-07) & SBD10706-P(N01/01) (Version 2.0)
Pressure Distribution Component Manual

RECEIVED
SEP 27 2012
SAFETY & BUILDINGS

LOCATION: ~~NW~~ NE 1/4 ~~SW~~ SE 1/4 S ~~20~~ 19 T 22 N R 5 W

TOWN: HIXTON COUNTY: JACKSON

OWNER: NAME/ADDRESS: TRINITY FARMS % TRAVIS ARMITAGE
1100 E. TAFT ST.
BLAIR WI 54616

DESIGNER: NAME/ADDRESS: MARK PALMER
N27128 LINDSTROM ROAD
LICENSE #1508-007 BLAIR, WI 54616

SIGNATURE: _____ DATE: SEPT 24 2012

ATTACHMENTS:

PAGE 1: PLOT PLAN

PAGE 2: PLAN VIEW CROSS SECTION

PAGE 3: PIPE LATERAL LAYOUT

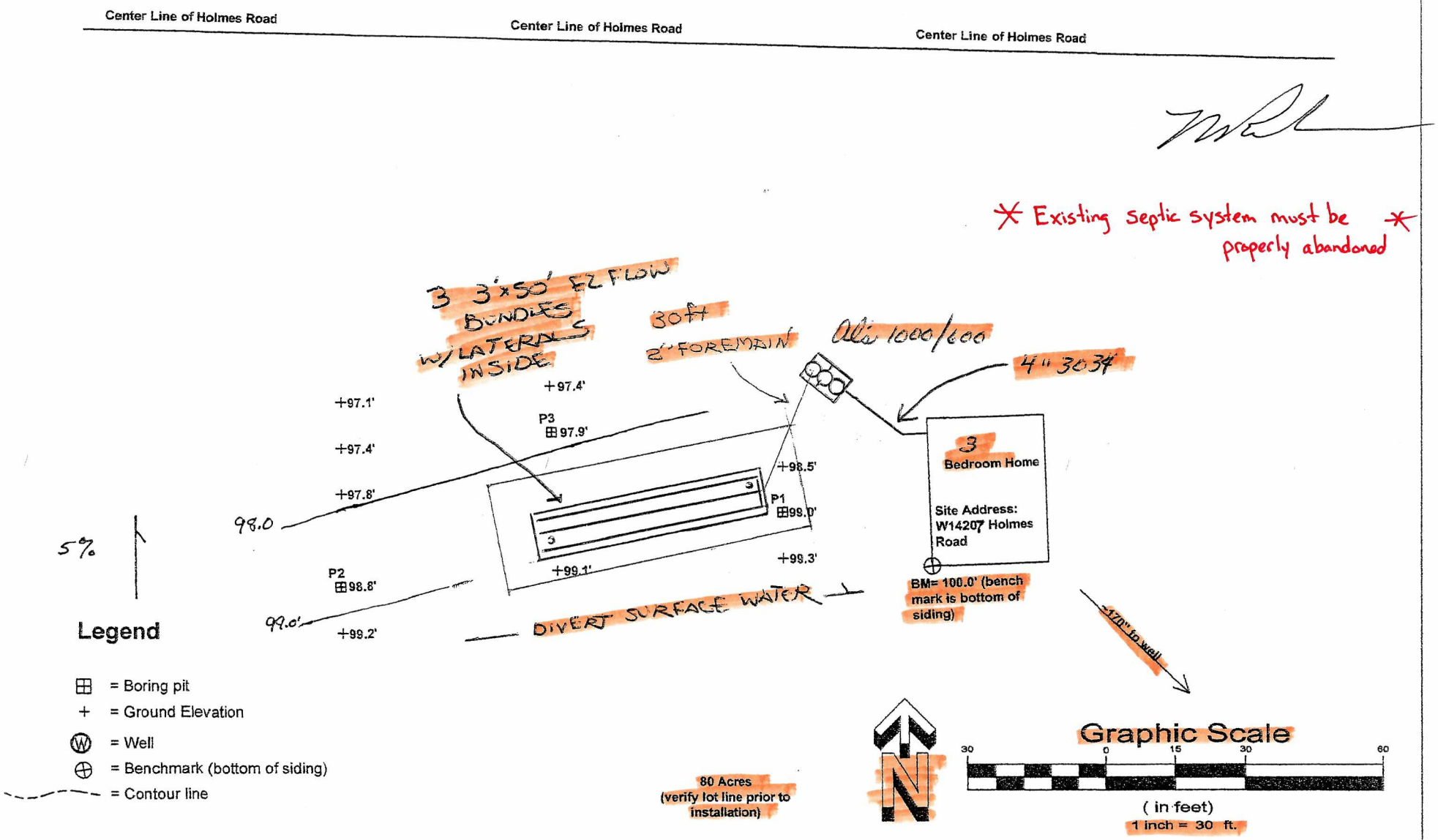
PAGE 4: TANK SPECIFICATIONS

PAGE 5: ☒ PUMP CURVE ☐ SIPHON SPECIFICATIONS

PAGE 6: OWNER'S MANUAL
&
MANAGEMENT PLAN

WISCONSIN
Mark H. Palmer
1508-007
Blair WI
Designer

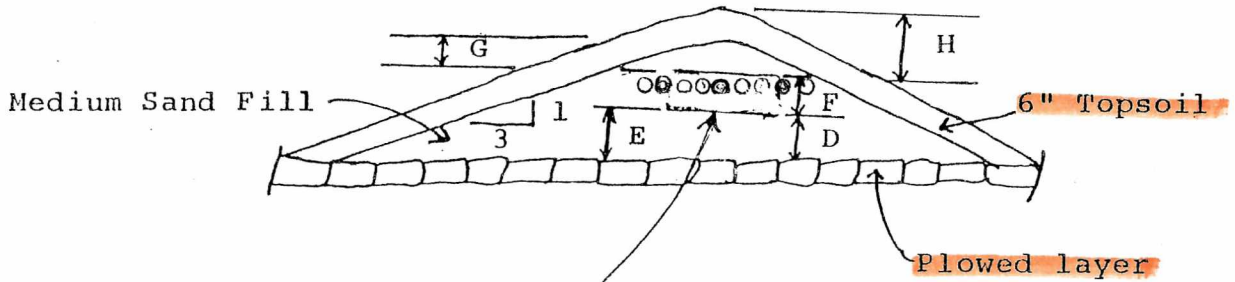
Tally
VED
BUILDINGS
ONDENCE



* Existing septic system must be properly abandoned *

Legal Description NE SE 19 NW 1/4 - SW 1/4, Section 20, T 22N R 5W Town of Hixton, Jackson County, WI 80 Acre Parcel	Property Owner **Trinity Farms** 1100 East Taft Street Blair, WI 54616	Prepared by **High Cliff Consulting** W13882 West Prairie Rd., Tremp., WI 54661 palmersoiltesting@yahoo.com Phone: 262-325-9367 Fax: 608-525-2000
Sheet __ of __ Site Plan	Drawn by: / Date:	

Cross Section Of A Mound Using A Trench For The Absorption Area



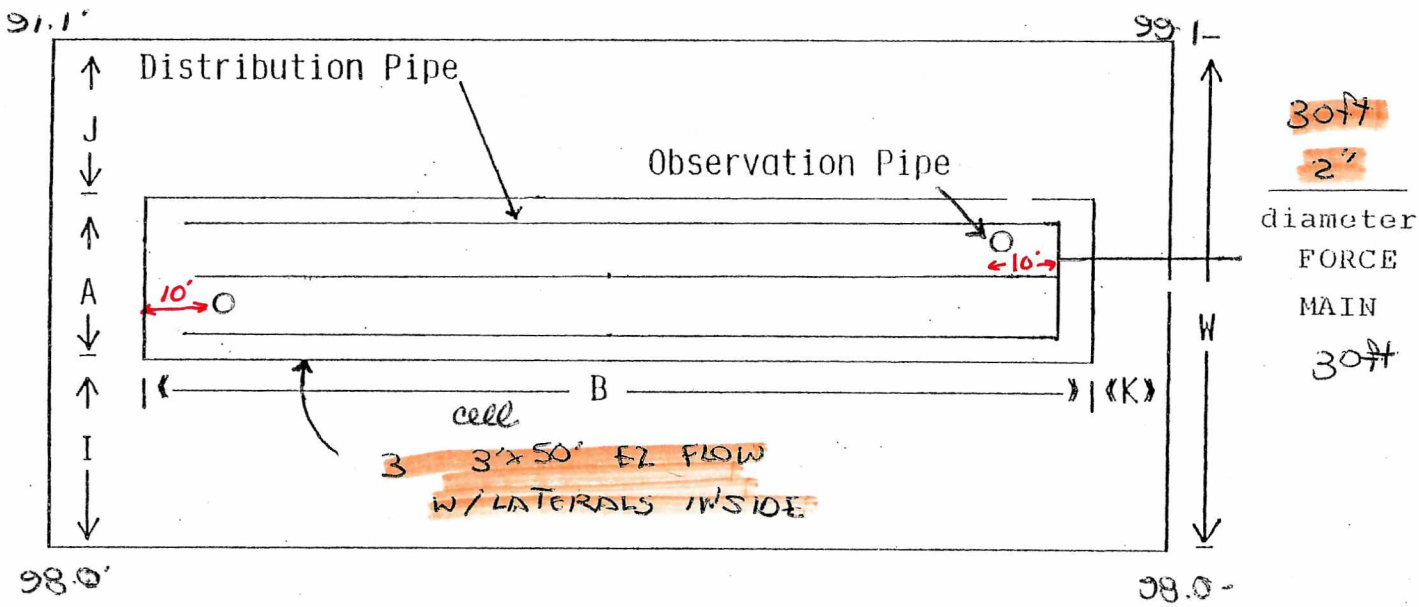
Trench Of ½" – 2½" Aggregate, 6" Below Pipe, Covered With Straw, Marsh Hay, Or Synthetic Fabric

System Elevation 99.5'

5%

D .5 Ft.
E .45 Ft. G .5 Ft.
F .84 Ft. H 1.0 Ft.

Plan View Of Mound Using A Trench For The Absorption Area



A 9 Ft.
B 50 Ft.

I 8 Ft.
J 5 Ft.

K 8 Ft.
L 66 Ft.

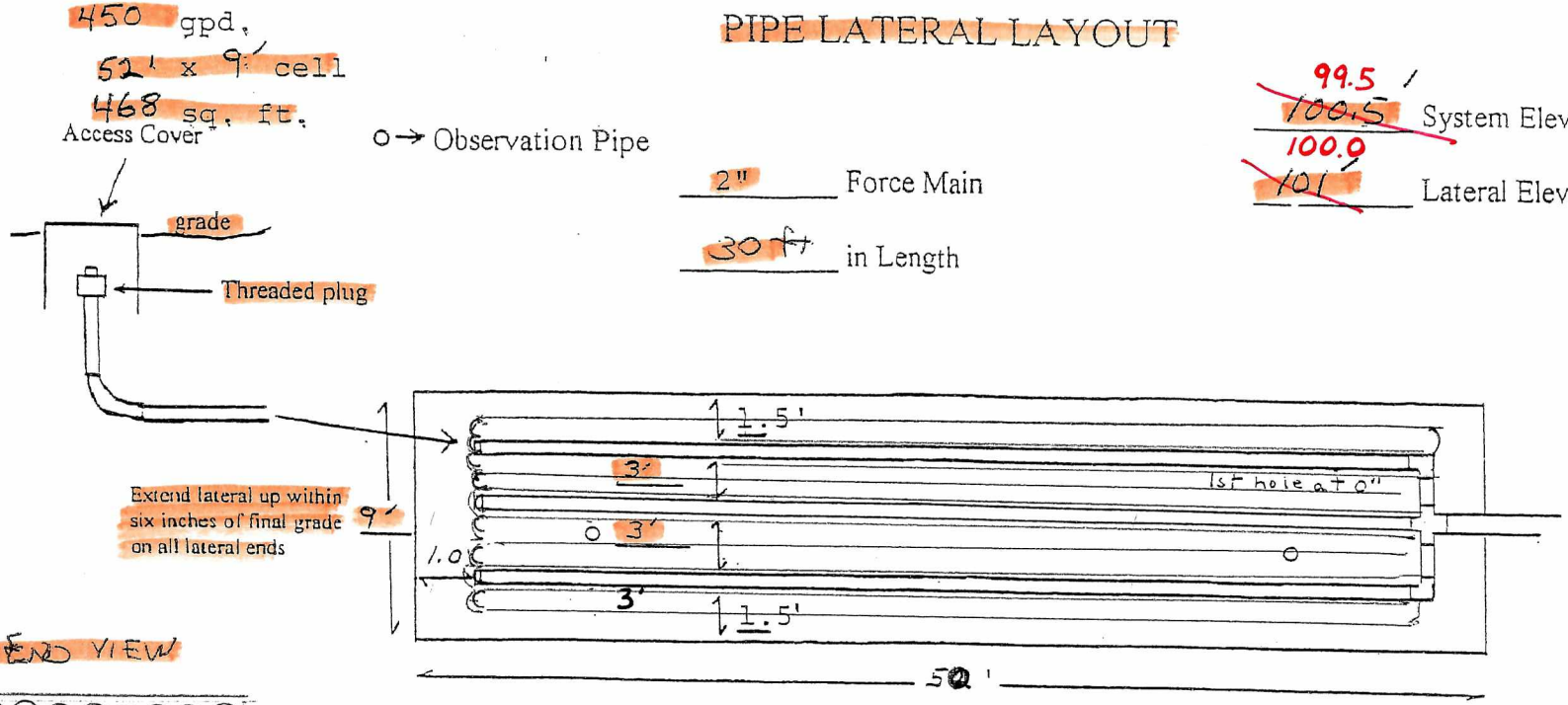
W 22 Ft.

PIPE LATERAL LAYOUT

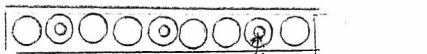
450 gpd.
52' x 9' cell
468 sq. ft.

Access Cover

o → Observation Pipe



END VIEW



3 EZ FLOW BUNDLES
LATERALS
50' LONG

99.5 / 100.5 System Elevation

100.9 / 101 Lateral Elevation

2" Force Main

30 ft in Length

1 1/2" Diameter Lateral (PVC Sch. 40)

48' in Length

3/16" Holes

25 Holes per Lateral

2' Hole Spacing

49.5 Gallons per Minute Discharge Rate

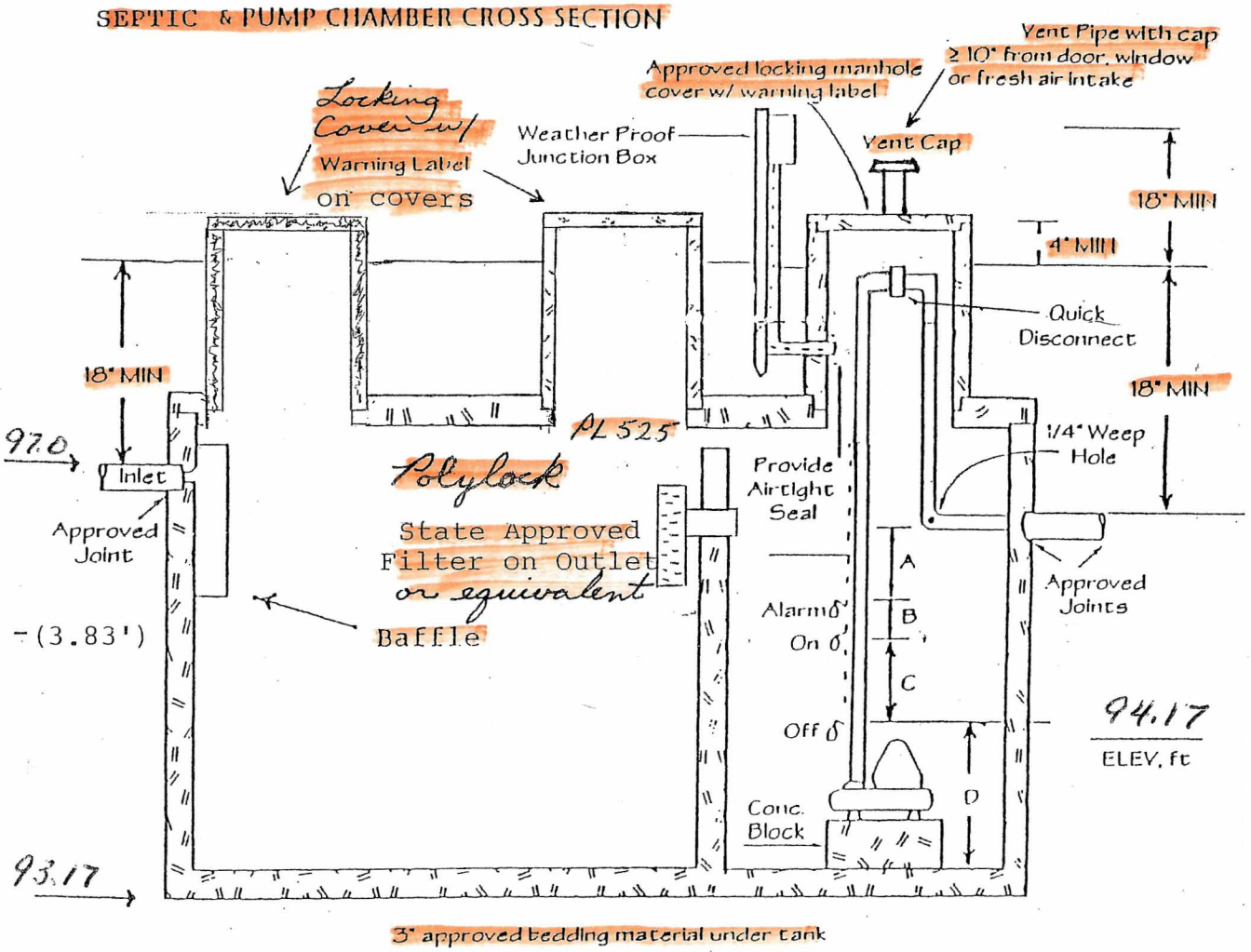
49.5 gal. min. dose

75 holes at .66 G.P.M. = 49.5 (not to scale)

144 ft x .092 = 13.3 x 5 = 66.3 gal. min. per dose.

3/1

SEPTIC & PUMP CHAMBER CROSS SECTION



SPECIFICATIONS

Note: Pump and alarm are on separate circuits

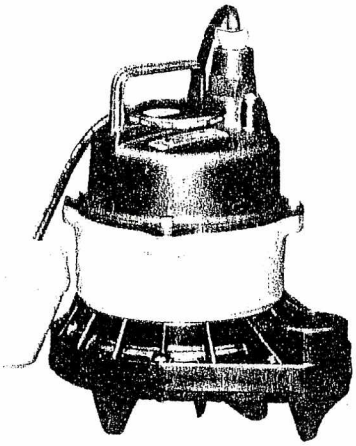
Tank Manufacturer: Al's Concrete
Tank Size: 1000/600 Gallons
Alarm Manufacturer: S.J. Electro
Model Number: HW 101
no mercury in float
Pump Manufacturer: GOULDS 3871
Model Number: ~~EP04~~ EP05
Minimum Discharge Rate: 49.5 GPM

Number of Doses: 5.8 Per Day
Gallons Per Day /# of Doses: 77.6 Gallons
Volume of Backflow: 4.9 Gallons
Total Dose Volume: 82.5 Gallons

Capacities: A 21 inches or 346.5 Gallons
B 2 inches or 33 Gallons
C 5 inches or 82.5 Gallons
D 9 inches or 148.5 Gallons

Vertical Difference Between Pump Off and Distribution Pipe: ..... : 6.83 Ft.
Minimum Required Supply Pressure: ..... + 3.3 Ft.
30 Ft. of Force Main x 4.99 Friction Factor/100 Ft. ..... + 1.5 Ft.
Total Dynamic Head = 11.63 Ft.

Depth of Liquid 37"
GALLON/inch 16.5



Goulds

Submersible Effluent Pump

MODEL

3871 EP04 EP05

APPLICATIONS

Specifically designed for the following uses:

- Effluent systems
- Homes
- Farms
- Heavy duty sump
- Water transfer
- Dewatering

SPECIFICATIONS

Pump: EP04

- Solids handling capability: ¾" maximum.
- Capacities: up to 55 GPM.
- Total heads: up to 24 feet.
- Discharge size: 1½" NPT.
- Mechanical seal: carbon-rotary/ceramic-stationary, BUNA-N elastomers.
- Temperature: 104°F (40°C) continuous 140°F (60°C) intermittent.
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

Pump: EP05

- Solids handling capability: ¾" maximum.
- Capacities: up to 60 GPM.
- Total heads: up to 31 feet.
- Discharge size: 1½" NPT.
- Mechanical seal: carbon-rotary/ceramic-stationary, BUNA-N elastomers.
- Temperature: 104°F (40°C) continuous 140°F (60°C) intermittent.
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

Motor:

- EP04 Single phase: 0.4 HP, 115 or 230 V, 60 Hz, 1550 RPM, built in overload with automatic reset.
- EP05 Single phase: 0.5 HP, 115 V, 60 Hz, 1550 RPM, built in overload with automatic reset.
- Power cord: 10 foot standard length, 16/3 SJTO with three prong grounding plug. Optional 20 foot length, 16/3 SJTW with three prong grounding plug (standard on EP05).
- Fully submerged in high grade turbine oil for lubrication and efficient heat transfer.

Available for automatic and manual operation. Automatic models include Mechanical Float Switch assembled and preset at the factory.

FEATURES

■ **EP04 Impeller:** Thermoplastic Semi-open design with pump out vanes for mechanical seal protection.

■ **EP05 Impeller:** Thermoplastic **enclosed** design for improved performance.

■ **Casing and Base:** Rugged thermoplastic design provides superior strength and corrosion resistance.

■ **Motor Housing:** Cast iron for efficient heat transfer, strength, and durability.

■ **Motor Cover:** Thermoplastic cover with integral handle and float switch attachment points.

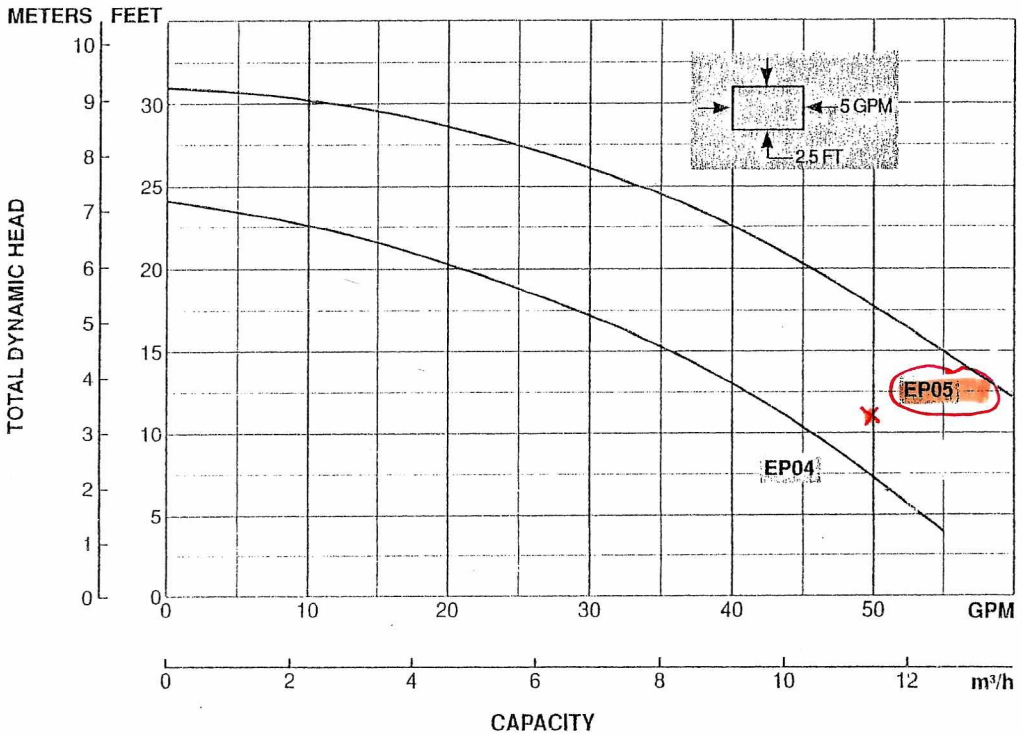
■ **Power Cable:** Severe duty rated oil and water resistant.

■ **Bearings:** Upper and lower heavy duty ball bearing construction.

AGENCY LISTING

Canadian Standards Association

(CSA listed model numbers end in "F" or "AC".)



POWTS MANAGEMENT

Proper functioning of the POWTS (Private on-site Wastewater Treatment System) or "septic system" is significantly dependent on the quality (i.e. contaminants) and quantity of wastewater that goes into the system. If you lower the volume and the amount of contaminants, the system will function better and last longer-simply put LESS IS BETTER! Typical system components include a septic tank to allow the solids to settle out and contain the greases and oils, and a filter on the outlet side to catch the solids that remain suspended in the wastewater. A system may also include a pump tank with a pump and controls, where the clarified effluent accumulates for dosing, and an absorption cell where the clarified effluent is dispersed and recycled in a manner that is meant to protect the groundwater quality and public health.

GENERAL GUIDELINES

1. Install water-saving appliances whenever and wherever possible.
2. Repair any leaks (no matter how small) as soon as possible.
3. Never pour greases or oils (i.e. contaminants) down any drain or stool.
4. If you do have a garbage disposal use it sparingly.
5. Tissue is the only paper product that should be put into the system.
6. No chemical of any kind should be put into the system.
7. Maintain steady regular flows of water; spread laundry washing throughout the week.
8. Avoid vehicular traffic over all system components.
9. Compaction or removal of snow cover may lead to hydraulic failure by freezing.

MAINTENANCE

1. CAUTION: NEVER ENTER A SEPTIC TANK.
2. The effluent filter should be cleaned and inspected by the owner or a licensed maintenance service technician every 3 months or more often if needed. FILTER MAINTANENCE IS THE RESPONSIBILITY OF THE SYSTEM OWNER.
3. A properly licensed person must inspect the septic system every three years. The septic tank will require pumping if the total amount of scum and solids equals one-third or more of the tank capacity. Pumping could be required more often, depending on building waste-water flows.
4. If the tank requires pumping it must only be done by a properly licensed individual. Filters should be cleaned and inspected at every pumping.
5. The homeowner should conduct periodic observation pipe inspections (i.e. quarterly of the absorption cell). If ponding is observed, increase the frequency of the inspections and if it persists call the maintainer or installer immediately.
6. If the system has specific treatment components not mentioned here, maintenance requirements will accompany their specifications.
7. If this system incorporates the use of a pump there is an alarm system wired to a separate electrical circuit. In the event that the alarm is activated, minimize or if possible eliminate the water use and notify the maintainer or installer as soon as possible. The system is designed to allow for some reserve liquid capacity to accumulate until the necessary repairs have been made; the reserve capacity is minimal-no more than a day or two should pass before the repairs are made.
8. Wastewater monitoring of quality and quantity is not a normal requirement for residential systems; however such monitoring may become necessary if problems develop. Any necessary monitoring shall be done in accord with the requirements of Comm 83.54 (2).

CONTINGENCY PLAN

Trouble shooting will be based on the best available accepted methods and technologies developed by competent researchers and field personnel. In the event component or system failures result wastewater strength, flows, and distribution systems will be analyzed.

Influent or effluent will be properly handled and disposed of so as to comply with all provisions of Comm 83 & NR 113. Prolonged pumping and hauling of wastewater may be necessary while analysis and repairs are being implemented. When this tank is no longer used as a POWTS component, it shall be abandoned by complying with Comm 83.33.

Conclusions reached will be utilized to determine the appropriate range of responses. Responses may range from conversion of the system to a holding tank to additional soil testing and designing to obtaining approval for the installation of another County and/or State approved component(s) or system. County and State staff will be kept apprised of the situation through phone conversations and/or written correspondence. If you experience any problems contact:

Installing Plumber: Name: Semingson Phone# 715-983-5571

Maintenance Personnel: _____ Phone# _____

County: Jackson Phone# 715-284-0220

Maintenance Management Plan for POWTS Systems

Owner: TRINITY FARMS % TRAVIS ARNITAGE Address: 1100 E TAFT ST.
BLAIR, WI 54616

Legal Description:

NE ¼ SE ¼, Section 19, T 22 N, R 05 E(W) Town of HIXTON, Jackson County, Wisconsin.

The Owner of a Private On-Site Wastewater Treatment System (POWTS) is responsible for ensuring the proper operation and maintenance of the system.

MAINTENANCE REQUIREMENTS:

The septic tank has a filter installed as the outlet baffle to ensure that wastewater particle size greater than 1/8" does not leave the tank. The filter requires cleaning when the septic tank is serviced or when clogged (slow or sluggish draining indicates filter may be getting clogged).

Note: A clogged filter can cause tank to overflow or backup into the home. Septic and pump tank servicing shall be performed at least once every three (3) years or when the sludge and scum equals 1/3 of the volume of the septic tank. Septic and pump tank are to be serviced and pumped by a licensed pumper or POWTS maintainer.

CERTIFICATE OF OPERATION & INSPECTION

We certify that the sewage disposal system meets the following conditions:

____ Is in proper operating condition
____ Is being used in conformity with the purpose for which it was designed
____ Septic tank is less than 1/3 full of sludge and scum
____ Septic tank and pump chamber were just pumped. Date pumped: _____

Owner's Signature _____ Date Inspected _____

Inspector's Signature _____ License No. _____

Printed on recycled paper

Homeowners:

To comply with the requirements of the laws of the State of Wisconsin and the Private On-Site Wastewater Treatment System (POWTS) Ordinance of Jackson County, all private sewage systems shall be subject to an Inspection/Maintenance Program. The owner of each system will receive a Certification of Operation and Inspection postcard every three (3) years, which must be signed by the owner and a person authorized to conduct such an inspection. The person(s) authorized to conduct this inspection are Licensed Septic Tank Pumpers or Licensed Master Plumbers.

This purpose of this program is to provide good operation and a longer life for your private sewage system through proper maintenance. It will also help to protect our groundwater, streams, lakes and rivers. Here are some household tips to follow that will assist this:

DO

* **Do** limit the water entering your tank. Use water-saving fixtures. Fix toilet float valves, leaks and dripping faucets.
* **Do** have your tank pumped every 3 years or sooner, if necessary by a licensed Septage Pumper. **This is required by law.**
* **Do** divert surface drainage water away from absorption field.

DON'T

* **Do not** connect the basement sump or other clean water discharges to the septic tank.
* **Do not** put materials down drains that will clog the septic tank (fats, greases, coffee grounds, paper towel, Sanitary napkins, disposable diapers, etc.)
* **Do not** put toxic chemicals in drains that might end up in the ground water (cleaning fluids, paints, oils, pesticides, etc.)

The Jackson County Zoning, Planning and POWTS Department appreciates your cooperation in helping to protect our natural resources. THANK YOU! If you have any questions, contact us at (715) 284-0220.

Copy to: Landowner County

JACKSON COUNTY
STATE SANITARY PERMIT

ZONING, PLANNING & POWTS
307 MAIN STREET, COURTHOUSE
BLACK RIVER FALLS WI 54615
(715) 284-0220

OWNER: SEDELBAUER, KIDD & ARMITAGE LLC

SANITARY PERMIT #: 2713017

OTHER APPLICANT:

LOT: CSM: 0

QTR QTR: NE 1/4, SE 1/4 SEC: 19 T22N R5W

TOWNSHIP: TOWN OF HIXTON

SOIL TEST: #

REPLACEMENT SYSTEM

SYSTEM TYPE: Mound

PLUMBER: Ivan Semingson - MP

LICENSE #: 232283

PREVIOUS PERMIT #:

CHAPTER 145.135(2) WISCONSIN STATUTES

(a) The purpose of the sanitary permit is to allow installation of the private sewage system described in the permit.
(b) The approval of the sanitary permit is based on regulations in force on the date of approval.
(c) The sanitary permit is valid and may be renewed for specified period.
(d) Changed regulations will not impair the validity of a sanitary permit.
(e) Renewal of the sanitary permit will be based on regulations in force at the time renewal is sought, and that changed regulations may impede renewal.
(f) The sanitary permit is transferable.

History: 1977 c. 168; 1979 c. 34; 1981 c.314

Note: If you wish to renew the permit, or transfer ownership of the permit, please contact the county authority.

Condition: 1. All setbacks must be met.
2. Existing septic system must be properly abandoned.
3. Mound must be seeded and mulched to prevent erosion.
4. System elevation 99.5 Laterial elevation 100.0
5. Pump must be EP05

Terry A. Schmidt Dustin McCune 6/6/2013

TERRY A. SCHMIDT	DUSTIN McCUNE	DATE
ZONING ADMINISTRATOR	ZONING TECH	

THIS PERMIT EXPIRES 6/6/2015

POST IN PLAIN VIEW

MUST BE VISIBLE FROM ROAD FRONTING THE LOT DURING CONTRUCTION

Wisconsin Department of Commerce
Division of Safety and Buildings

SOIL EVALUATION REPORT

in accordance with Comm 85, 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: Jackson

Parcel I.D.: 024029 2.0000

Reviewed by: DM (field) Date: 7/23/12
DM (office) 9/26/12

Property Owner: Trinity Farms c/o Travis Armitage

Property Owner's Mailing Address: 1100 East Taft St.

City: Blair | State: WI | Zip Code: 54616 | Phone Number: (608) 797-1688

Property Location: Govt. Lot NW 1/4 SW 1/4 S 20 T 22 N R 5 ☐ E (or) ☒ W

Lot # | Block # | Subd. Name or CSM#

☐ City ☐ Village ☒ Town | Nearest Road: Hixton | Holmes Rd

☐ New Construction Use: ☒ Residential / Number of bedrooms 3 Code derived design flow rate 450 GPD

☒ Replacement ☐ Public or commercial - Describe:

Parent material: loess Flood Plain elevation if applicable: N/A ft.

General comments and recommendations: SITE SUITABLE FOR mound

Boring # 1

☐ Boring ☒ Pit Ground surface elev. 99.0 ft. Depth to limiting factor 41 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
1	0-14	10YR 3/2		sil	2msbk	mfr	gs	2f	.6	.8
2	14-33	10YR 4/4		sil	2msbk	mfr	gs	1f	.6	.8
3	33-41	10YR 5/6		fs	0sg	ml	gs	1vf	.5	1.0
4	>41		Sandstone							
5										
6										

Boring # 2

☐ Boring ☒ Pit Ground surface elev. 98.8 ft. Depth to limiting factor 30 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
1	0-7	10YR 3/2		sil	2msbk	mfr	gs	2f	.6	.8
2	7-25	10YR 4/4		sil	2msbk	mfr	gs	1f	.6	.8
3	25-30	7.5YR 4/4		fs	0sg	ml	cs	—	.5	1.0
4	>30		Sandstone							
5										
6										

* Effluent #1 = BOD_5 > 30 ≤ 220 mg/L and TSS >30 ≤ 150 mg/L * Effluent #2 = BOD_5 ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name (Please Print): PALMER SOIL TESTING/MARK PALMER

Signature:

CST Number: 224736

Address: N27128 Lindstrom Road Blair, WI 54616

Date Evaluation Conducted: 7-23-12

Telephone Number: 608-525-3723

received 9/25/12 es

Property Owner Trinity Farms Parcel ID # _____ Page 2 of 3

3 Boring # ☐ Boring ☒ Pit Ground surface elev. 97.9 ft. Depth to limiting factor 32 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2
1	0-12	10YR3/2		sil	2msbk	mfr	gs	2f	.6	.8
2	12-26	10YR 4/4		sil	2msbk	frfr.	gs	1f	.6	.8
3	26-32	7.5YR4/4		gr	0sg	ml	cs	—	.5	1.0

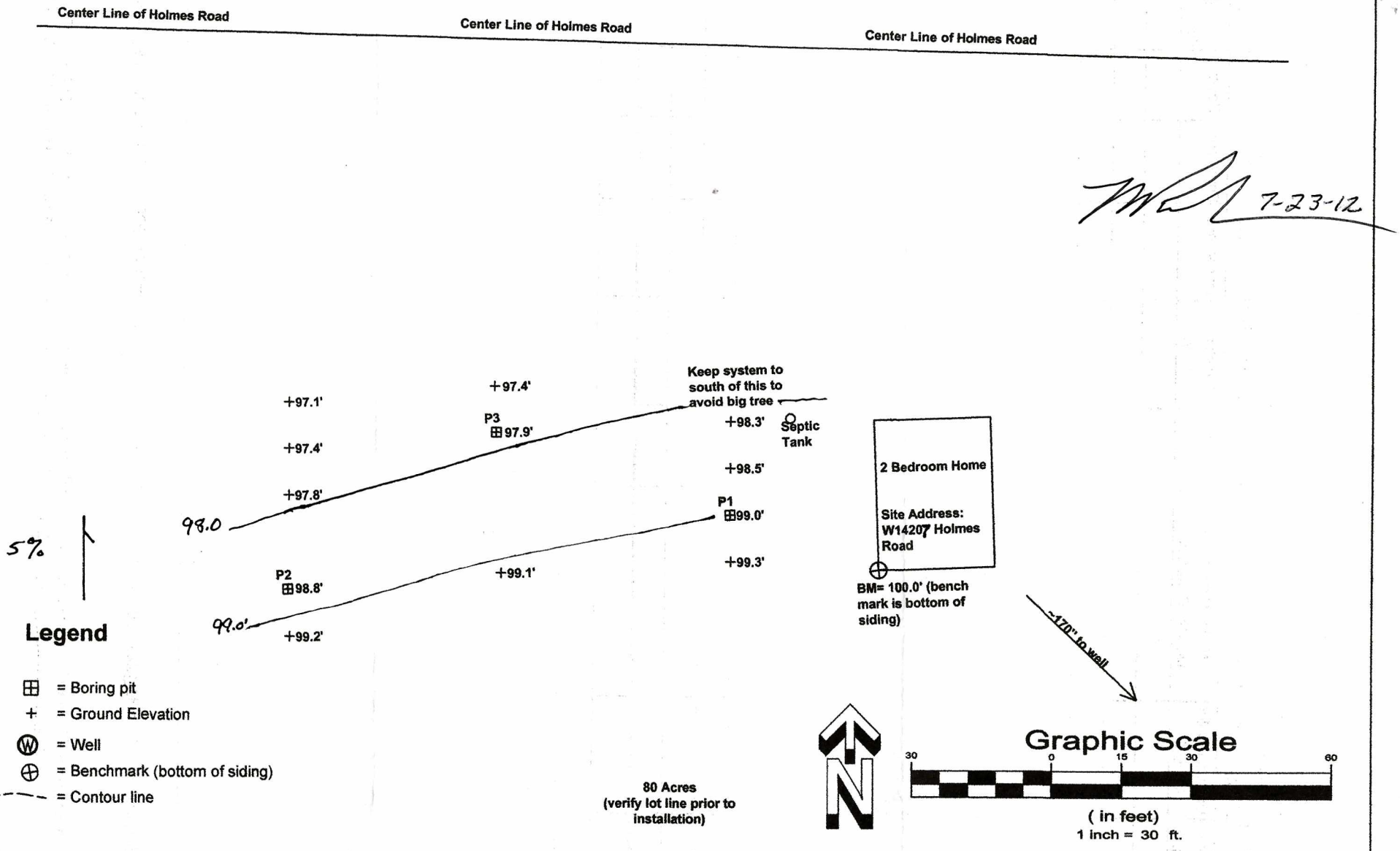
4 Boring # ☐ Boring ☐ Pit Ground surface elev. _____ ft. Depth to limiting factor _____ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2

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

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft² *Eff#1	*Eff#2

* Effluent #1 = BOD_5 > 30 ≤ 220 mg/L and TSS >30 ≤ 150 mg/L * Effluent #2 = BOD_5 ≤ 30 mg/L and TSS ≤ 30 mg/L



Legal Description
NW 1/4 - SW 1/4, Section 20, T 22N R 5W
Town of Hixton, Jackson County, WI
80 Acre Parcel

Property Owner
Trinity Farms
1100 East Taft Street
Blair, WI 54616

Prepared by
High Cliff Consulting
W13882 West Prairie Rd., Tremp., WI 54661
palmersoiltesting@yahoo.com
Phone: 262-325-9367 Fax: 608-525-2000

Sheet 3 of 3 | **Site Plan**

Drawn by:	Date:

JACKSON COUNTY SOIL ON-SITE REPORT SKETCH

Onsite Date: 07/23/12 Soil Tester: Mark Palmer Owner: Travis Armitage

Inspector: Dustin McCune SUITABLE FOR: Convent At-Grade (Mound) Holding Tank Other _____

NE 1/4 SE 1/4 Sec. 19 T 22 N, R 05 E or (W) Township: Hixton Blk: —

Parcel Number: 024-0292.0000 Subdivision: — Lot #: — CSM #: —