

## Aitkin County Holding Tank Design Lake Lot

Property Owner: Tomasina Uttecht Date: 9/19/2018 Cell: \_\_\_\_\_  
 Mailing Address: 2474 Derrwoods Ct. Luke Cell ~~xxxx~~ Phone #: 952-846-9870  
 City: Mayer State: MN Zip: 55360  
 Site Address : 21405 324 Pl Parcel Number: 16-1-063401  
 City: Isle State: MN Zip: 56342  
 Driving Directions if no address issued : \_\_\_\_\_

Legal Description : Lot 10 Swedbergs Addition  
 Sec: 5 Twp.: 44 Range : 25 Twp. Name : Lakeside  
 Lake / River : Mille-Lacs Lake / River Classification : GD

**FLOW DATA**  
 Number of Bedrooms : \_\_\_\_\_  
 Dwelling Classification : I  
 System Type : II  
 Gallons per Day ( GPD ) : \_\_\_\_\_

Estimated Flow in Gallons per Day (GPD)

Bedrooms	Class I	Class II	Class III
2	300	225	180
3	450	300	218
4	600	375	256
5	750	450	294
6	900	525	332
7	1050	600	370
8	1200	675	408

**WELLS**  
 Deep Well : None  
 Shallow Well : Existing Shallow

Wells to be sealed ( if Applicable ) ? \_\_\_\_\_

**SETBACKS**

Tank(s) to Well : 51' Drainfield to Well : NA Sewer Line to Well : \_\_\_\_\_  
 Tank(s) to House : 63' Drainfield to House : NA Air Test \_\_\_\_\_  
 Tank(s) to Property Line : +15' Drainfield to Property Line : NA

**Additional System Notes and Information:**

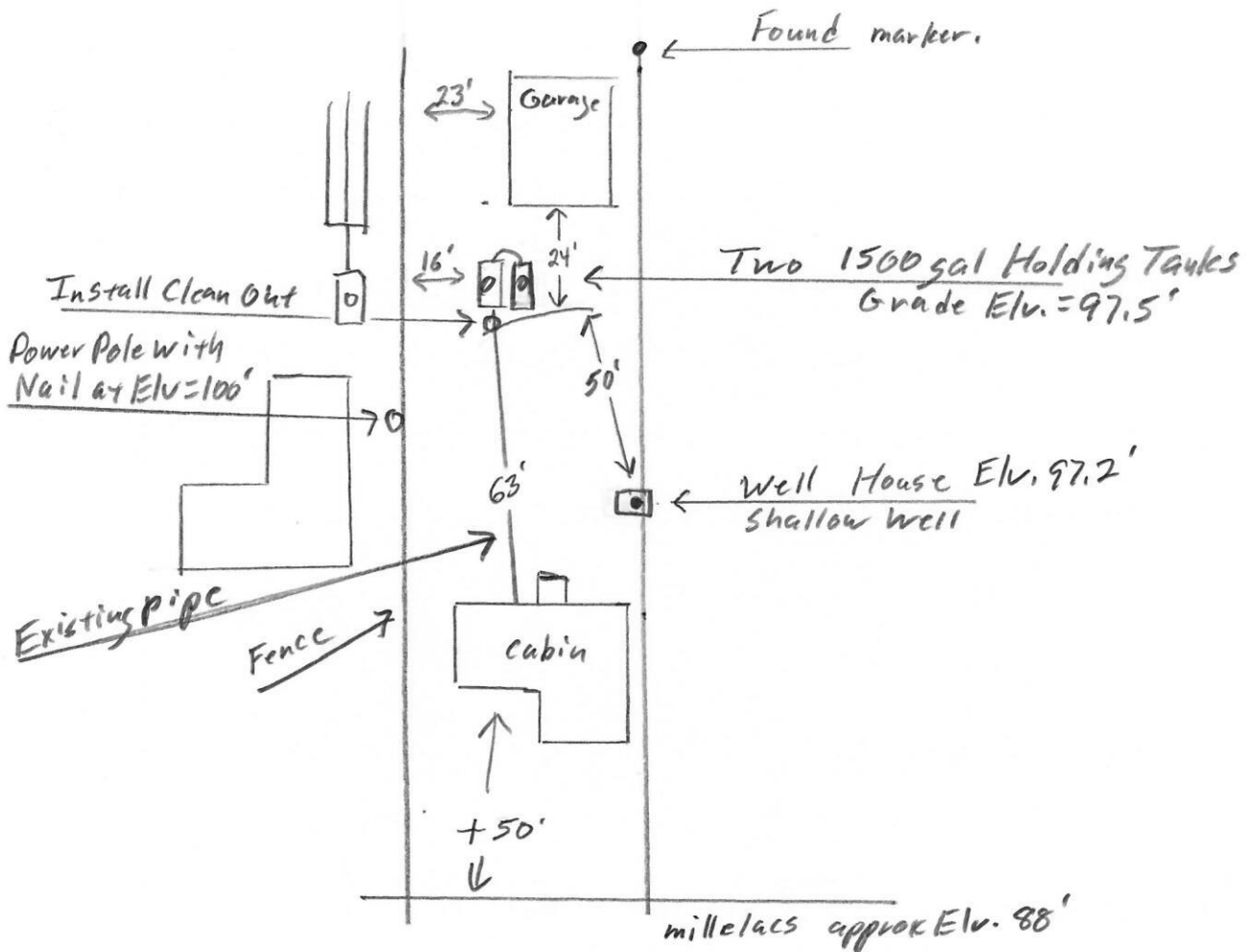
Existing drainfield is Non-Compliant, There is not enough room on lot for a Type I Septic System  
 Area between garage and well setback is approx. 24 ft.

Designer Name : Jeff Brummer License Number : L-1347  
 Address : 7450 Burr Ln. City : Brainerd State : MN  
 Zip Code : 56401 Home Phone # : \_\_\_\_\_ Cell: 218-821-0704  
 E-Mail Address : brummerseptic@gmail.com

Designer Signature :  Date: 9/19/2018  
 Page: 1 Of 6

# Aitkin County { Holding Tank Design }

Property Owner: Tomasina Uttecht Date: 9/19/2018 Designer's Initials : JB  
 One Inch = 40 ft.



Please show all that apply ( Existing or Proposed ): Please Draw to Scale with North to Top or Left Side of Page:

Wells within 100ft. Of Drain field.	Disturbed/Compacted Areas	Access Route for Tank Maintenance
Water lines within 10 ft. of Drain field.	Component Location	Property Lines
Drain field Areas:	OHW ordinary high water	Structures
	Lot Easements	Setbacks

<b>Elevations :</b>	Benchmark Elevation:	Nail on power pole North lot line near cabin Elv.= 100'	
Grade at cabin	Above Sewer pipe	Elv.=97.8'	
Grade at Holding tank	Elv.=	97.5'	Grade at well house Elv.=97.2'
Existing holding Tank Inlet Elv.=		94'	Sewer pipe at Cabin Elv.= 95'
Present grade at NW corner of garage	Elv. =	97.5'	

## Aitkin County { Design Notes }

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Property Owner: Tomasina Uttecht

Date: 9/19/2018

Designer's Initials : JB

PIN : 29-1-277300

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Lot is not large enough for a Type I septic system, owner will have holding tanks installed.

Existing Drainfield fails soil separation, owner will abandon drainfield.

Pump, collapse, remove, existing tank.

New tanks will be in same general location. Install Electric alarm in 2nd tank.

Raise all manholes to above finished grade. ( recommend 4" above ).

Install 1st tank in same location as existing septic tank, may reuse 4" sewer pipe if it is OK and PVC.

Tank to meet 50ft. Setback from well, 10 ft. setback from property line, 10 ft. from building, 75ft. Setback from lake.

Install reverse cleanout near inlet of 1st holding tank. Owner may want an RV dump inlet also.

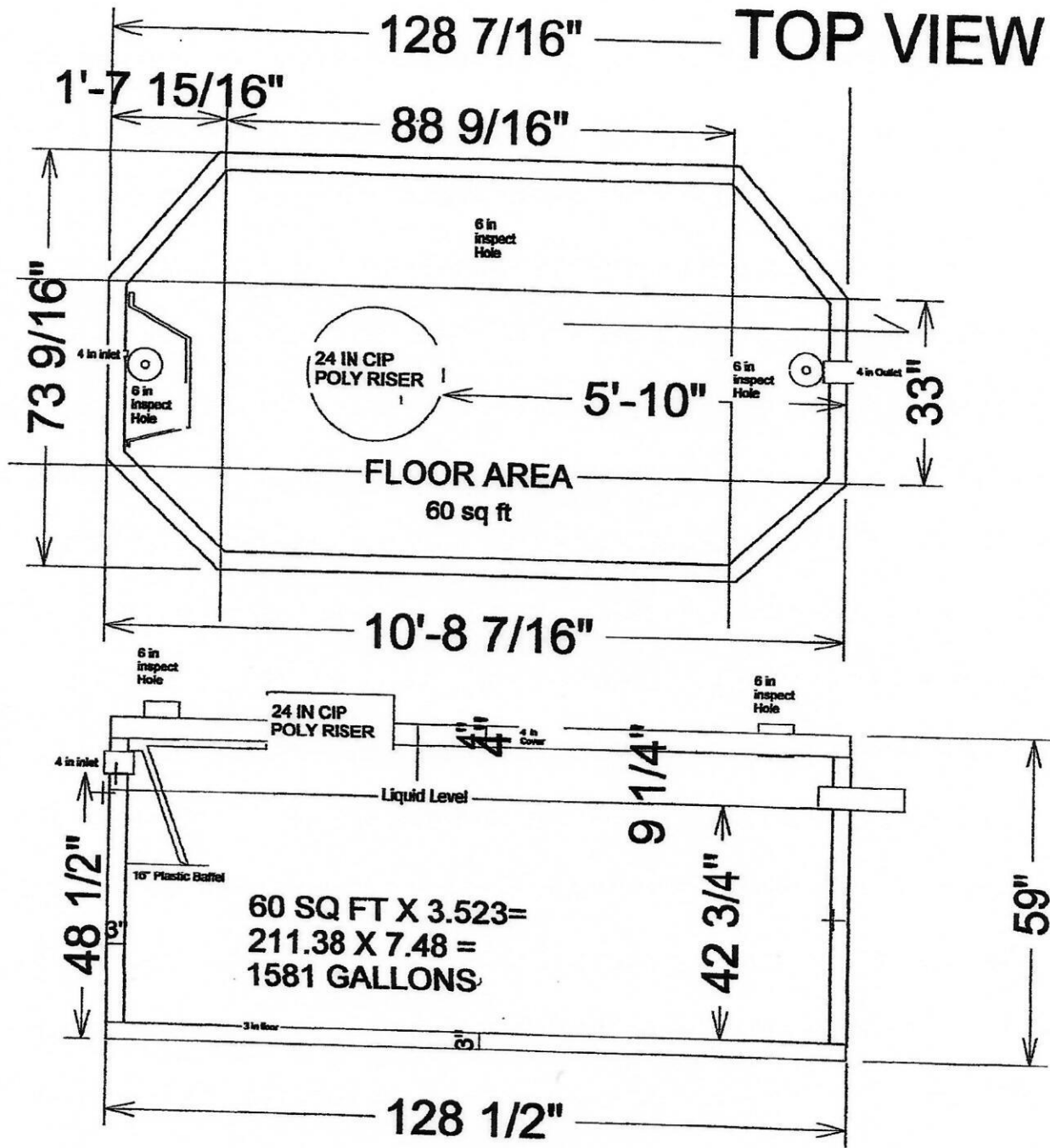
Install alarm at 50% capacity of 2nd holding tank, this leaves approx. 25% reserve capacity. ( 750 gallons)

Home owner will have pumping agreement with local pumper.

Home owner to protect holding tanks from traffic, boulders, fence, posts.

Tank setbacks 50 ft. to well, 10 ft. property line, 10' structure, 75 ft lake.

# 1500H Holding Tank



35.08 gallons per. inch

## **SIDE VIEW**

**Drawings Owned BY Jacobson Precast, LLC**  
 36641 HWY 169, Aitkin, Mn 56431  
 Do not copy drawings without permission of the Owner



# Detailed Parcel Report

Parcel Number: 16-1-063401

## General Information

Township/City:	LAKESIDE TWP		
Taxpayer Name:	UTTECHT, TOMASINA M ETAL		
Taxpayer Address:	2474 DEERWOODS CT MAYER MN 55360		
Property Address:	21405 324th PI		
Township:	44	Lake Number:	48000200
Range:	25	Lake Name:	MILLE LACS
Section:	5	Acres:	0.00
Green Acres:	No	School District:	1.00
Plat:	SWEDBERGS ADDITION		
Brief Legal Description:	LOT 10		

## Tax Information

Class Code 1:	Residential 1-3 units Previously SRR
Class Code 2:	Unclassified
Class Code 3:	Unclassified
Homestead:	Owner Homestead
Assessment Year:	2018

Estimated Land Value:	\$111,500.00
Estimated Building Value:	\$51,300.00
Estimated Total Value:	<u>\$162,800.00</u>
Prior Year Total Taxable Value:	\$119,611.00
Current Year Net Tax (Specials Not Included):	\$614.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$0.00
Delinquent Taxes:	No

**\* For more information on delinquent taxes, please call the Aitkin County Treasurer's Office at 218-927-7325.**

**\*\* Balance Due on a parcel does not include late payment penalties.**

