

Aitkin County Holding Tank Design

24-114

Property Owner: Tommy Wynn Date: 7/17/2024 Cell: 919-669-4373
Mailing Address: Home Phone #:
City: State: Zip:
Site Address: 29849 400th Ave. Parcel Number: 07-0-051107
City: Aitkin State: MN Zip: 56431
Driving Directions if no address issued:

Legal Description:
Sec: 25 Twp.: 46 Range: 27 Twp. Name: Farm Island
Lake / River: Spirit Lake Back Lot Lake / River Classification: RD

FLOW DATA

Number of Bedrooms: 2
Dwelling Classification: I
System Type: II
Gallons per Day ( GPD ): 300

Estimated Flow in Gallons per Day (GPD)

Table with 4 columns: Bedrooms, Class I, Class II, Class III. Rows show flow values for 2-8 bedrooms.

WELLS

Deep Well: Proposed Deep
Shallow Well: None

Wells to be sealed ( if Applicable ) ?

SETBACKS

Tank(s) to Well: +50' Drainfield to Well: NA Sewer Line to Well:
Tank(s) to House: +10' Drainfield to House: NA Air Test: NO
Tank(s) to Property Line: +10' Drainfield to Property Line: NA

Additional System Notes and Information:

Owner want a Holding Tank ( soils are Type III )
Owner will connect a camper part time to tank. Install 1650 2/Comapartment Tank so it can be used as a septic tank in the future.

Designer Name: Jeff Brummer License Number: L-1347
Address: 14650 Agate Ridge Road City: Brainerd State: MN
Zip Code: 56401 Home Phone #: Cell: 218-821-0704
E-Mail Address: brummerseptic@gmail.com

Designer Signature: [Signature] Date: 7/17/2024
Page: 1 Of

**Aitkin County { Design Notes }**

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Property Owner: Tommy Wynn Date: 7/17/2024 Designer's Initials : JB  
Pin : 07-0-051107

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Soils are type III owner wants holding tank to start with Proposed deep well will be + 50' from tanks.  
Owner will use holding tank for a camper dump.  
Install 1650 2/Compartment Jacobson septic tanks to be used as a holding tank.  
Install with serial gravity flow from camper pad.  
Raise at least one manhole per compartment, ( recommend manhole that splits both compartments).  
Install electric alarm in last compartment at 20% of tanks capacity, approx. 8 inches  
this will leave approx. 530 gallons of reserve capacity.  
Tank will meet 50ft. Setback from well, and will meet 10 ft. setback to all property lines.  
Tank will meet 10 ft. setback to buildings. Tanks will meet setback to lake 75'.

Home owner has a pumping agreement with local pumper on file.  
Designer laid out an Area that will support a 3 bedroom Type III Mound .  
For now install 1650 tank as a holding tank.

Setbacks are

- 50 ft. from well
- 10 ft. from lot line
- 10 ft. from road easement
- 10 ft. from structure.
- 75 ft Spirit Lake setback.

Owner should install protection around tank to keep traffic off tank.

Designer Name : Jeff Brummer License Number : L-1347

Address : 14650 Agate Ridge Road City : Brainerd State : MN

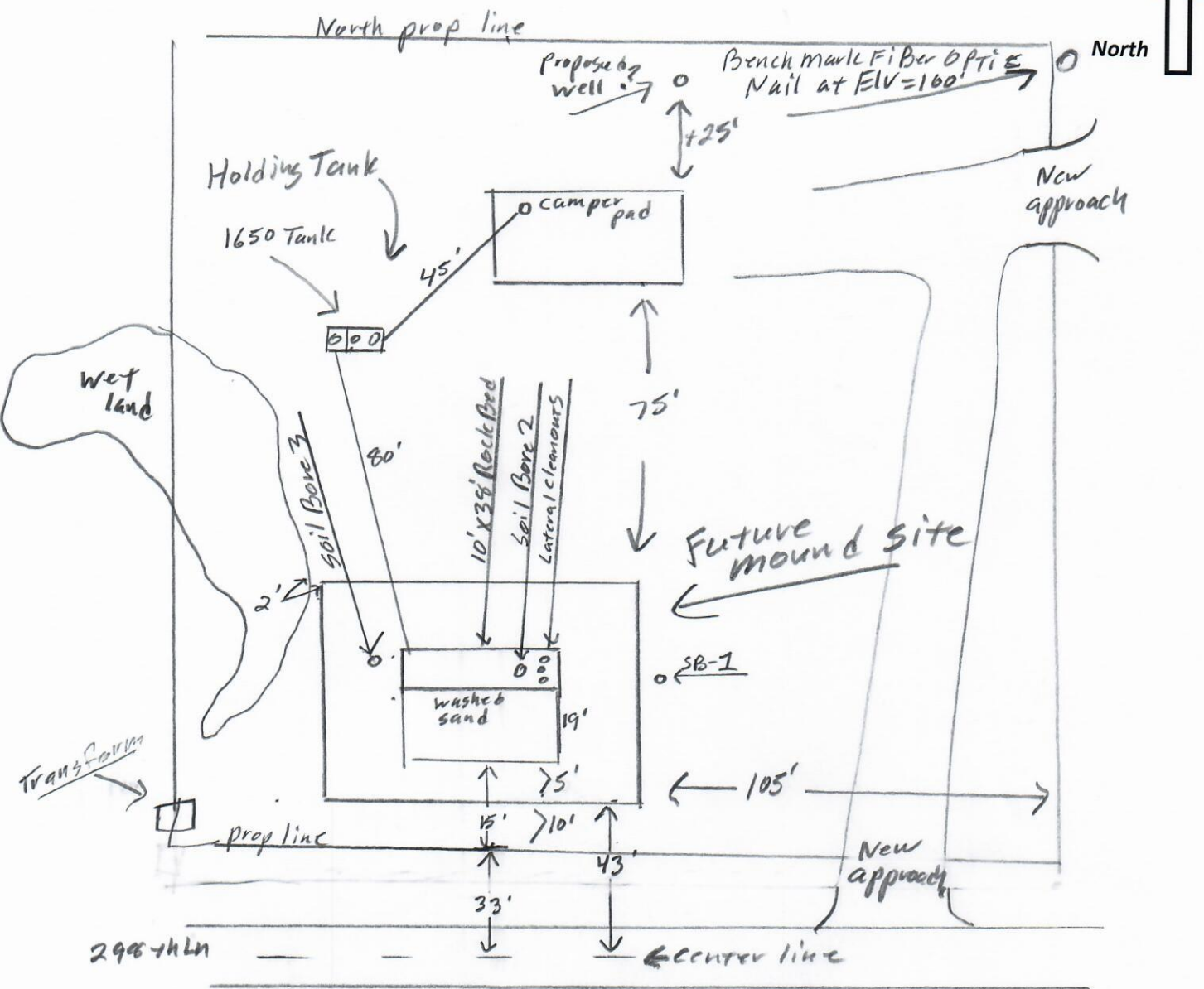
Zip Code : 56401 Home Phone # : \_\_\_\_\_ Cell: 218-821-0704

E-Mail Address : brummerseptic@gmail.com

Designer Signature :  Date: 7/17/2024

# { Design Drawing }

Property Owner: Tommy Wynn Date: 6/18/24 Designer's Initials: JB  
 Parcel ID. Number: 07-0-051107 Address: 29849 400th Ave. Aitkin Mn 56431  
 one Inch = 40ft.



Bench Mark Nail is on a Fiber Optic 6"x6" Post at NE lot corner Nail Elv.= 100'

	Surface/ SHWT	Nail on Fiber Optic Post= Bench Mark 100'		Existing Grade	
Soil Bore 1	96.7' / 8"	Bench Mark	100'	Upslope Edge of Rockbed Elv.= 97'	
Soil Bore 2	96.6' / 10"	Ground Elv. BM	97.3'	Bottom of Rockbed Elv.= 100'	
Soil Bore 3	96.8' / 8"	Ground Elv. Tank	97.6'	Top of Washed Sand Elv.= 100'	
	Top of Gravel Camper Pad	98.5'	Estimated	Estimated Sewer pipe at Pad Elv.= 97'	

Please show all that apply ( Existing )

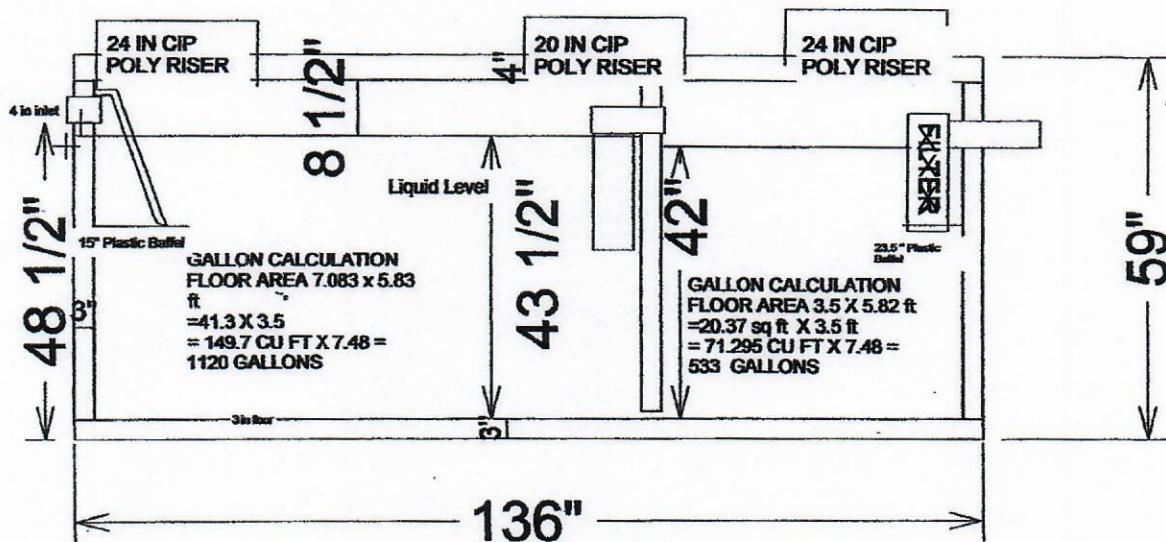
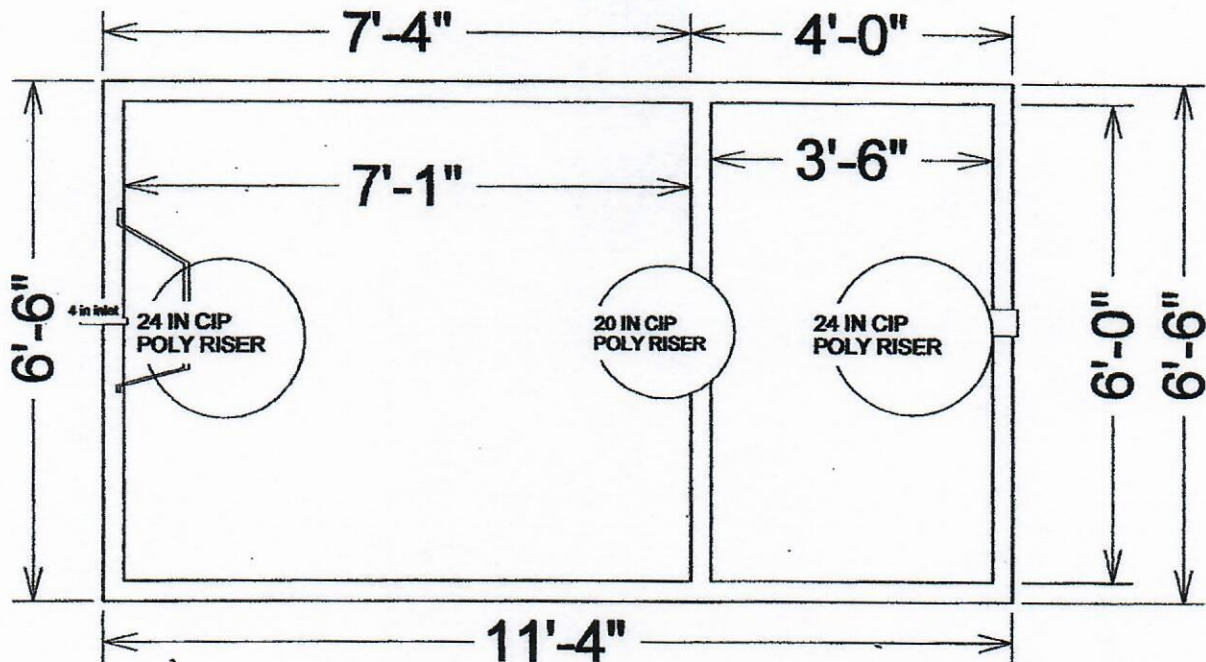
Please Draw to Scale with North to Top or Left Side of Page:

- Wells within 100ft. Of Drain field.
- Water lines within 10 ft. of Drain field.
- Drain field Areas:

- Disturbed/Compacted Areas
- Component Location
- OHW ordinary high water
- Lot Easements
- Access Route for Tank Maintenance
- Property Lines
- Structures
- Setbacks

# 1650 Gallon 2 Compartment Septic Tank

## TOP VIEW



$533 / 42" = 12.69 \text{ GPI}$

## SIDE VIEW

Drawings Owned BY Jacobson Precast, Inc.  
36641 HWY 169, Aitkin, Mn 56431

**HOLDING TANK PUMPING SERVICE AGREEMENT**

Permit# \_\_\_\_\_ Address 29849 400th Ave. Aitkin MN 56431

THIS AGREEMENT, entered into by and between Aitkin County Registered Septic Tank Pumper, Timber Lakes Septic Service hereinafter referred to as "Contractor", and Tommy Wynn, hereinafter referred to as "Homeowner".

WHEREAS, Homeowner desires and is required to retain individual sewage treatment system holding tank services to protect the environment and to obtain a certificate of compliance from Aitkin County; and

WHEREAS, the Contractor desires to provide sewage treatment system pumping services to Homeowner as necessary and in accordance with the terms and conditions outlined herein.

NOW THEREFORE, in consideration of the mutual promises contained herein, Parties do hereby agree as follows:

1. **TERM.** The term of this Agreement shall be from \_\_\_\_\_ to final installation of an Aitkin County approved sewage treatment system or connection to a Municipal Sewage Treatment System, unless earlier terminated as provided herein. The parties understand and agree that this Agreement is intended to arrange for the provision of pumping services so that Homeowner may occupy the home pursuant to a certificate of compliance to be issued by the Aitkin County Environmental Services Department upon execution of this Agreement. Homeowner further agrees that at the earliest possible date, Homeowner shall have a permanent sewage treatment system installed in accordance with the Aitkin County Subsurface Sewage Treatment System Ordinance and as approved by the Aitkin County Environmental Services Department or connect to a Municipal Sewage Treatment System. Upon approval by the County of Aitkin of the individual sewage treatment system or connection to a municipal sewer, or approval by Aitkin County Environmental Services of an amended or different contract, this Agreement shall terminate.

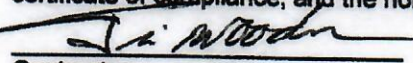
2. **FREQUENCY OF PUMPING.** Homeowner agrees that he/she shall not allow the holding tank to overflow or discharge in any manner. Contractor and Homeowner agree that the holding tank shall be pumped in accordance with the following:

- Tank size (gal.) \_\_\_\_\_ / (number of household occupants multiplied by 75 gallons per day) = frequency of pumping; or
- Within 24 hours of indication by tank alarm of lack of capacity (applicable only if system has a functional alarm);
- Whichever is greater

Contractor agrees to provide pumping services according to the regular pumping schedule or as needed to prevent discharge. Homeowner shall compensate Contractor as agreed by the parties for pumping services rendered.

3. **INSPECTION.** Holding tanks will be inspected by a licensed pumper at the time of servicing for leaks below the operating depth and whether tank tops, riser joints, and connections leak through visual evidence of major defects.

4. **REPORTING.** Grievances of Homeowner or Contractor shall be reported to the Aitkin County Environmental Services Department by Homeowner or Contractor. Homeowner and Contractor understand that failure to have holding tank pumped as herein specified or the discharge of any contents from the holding tank, regardless of fault, may result in the suspension, cancellation or revocation of the certificate of compliance, and the homeowner may be required to vacate the premises.

  
Contractor

\_\_\_\_\_  
Homeowner

Date 7/17/2024

Date \_\_\_\_\_

Timber Lakes Septic Service (218) 927-6175

Tommy Wynn

1037 1st St. NW Aitkin MN 56431

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Timber Lake Septic Service (218) 927-6175

