

AGENDA

THE **BOARD OF ADJUSTMENT** WILL ASSEMBLE FOR A HEARING OF APPEALS FROM THE AITKIN COUNTY ZONING ORDINANCE ON October 1, 2025 **AT 4:00 P.M.** IN THE **AITKIN COUNTY GOVERNMENT CENTER BOARD ROOM, 307 SECOND STREET NW, AITKIN, MN 56431**. THE FOLLOWING APPLICATIONS WILL BE REVIEWED.

1. Call the meeting to order.
2. Roll call.
3. Approve the agenda for the October 1, 2025 Board of Adjustment meeting.

Old Business:

4. WILLIAM L COOK TRUSTEE, 20379 529TH LANE, MCGREGOR, MN 55760, is requesting a variance from the maximum allowed 30 cubic yards of material to excavate and/or place 600 cubic yards of material in a bluff impact zone. S 400 OF LOT 2 & THE NE SW LESS APPROX 26 AC & LESS THE PT IN DOC 480415, Section Twenty-nine (29), Township Fifty (50), Range Twenty-three (23), Aitkin County, MN.

APP-2024-001279

New Business:

5. NEIL & NANCY STEFFL, 4735 CHANDLER RD, SHOREVIEW, MN 55126, are requesting a variance from the required 30 foot township road right-of-way setback to a setback distance of 20 feet and a variance from the maximum 15% building coverage to a coverage of 20.1% to construct a 672 square foot accessory structure, in an area zoned shoreland. LOT 13 FARM ISLAND BEACH. Section Four (4), Township Forty-five (45), Range Twenty-seven (27), Aitkin County, MN.

APP-2025-000776

6. DOYLE & VICKI JELSING, 43911 291ST LN, AITKIN, MN 56431, are requesting a variance from the required 100 foot ordinary high water level setback on a recreational development lake (Farm Island) to construct a 10 foot by 15 foot breezeway on an existing nonconforming residence located 77 feet from the ordinary high water level; and an after the fact variance for a 252 square foot accessory building located 25 feet from the ordinary high water level, which is in the shore impact zone. LOT 39 POINT OF VIEW. Section Twenty-nine (29), Township Forty-six (46), Range Twenty-seven (27), Aitkin County, MN.

APP-2025-000785

7. BRANDON & LORI NIESEN, 40201 FAIRWAY LN, ONAMIA, MN 56359, are requesting an after the fact variance from Section 5.22 (G) of the Shoreland Management Ordinance for a 220 square foot patio, in an area zoned shoreland. LOT 75 REITERS ORIGINAL PLAT ON SANDY LAKE. Section Seventeen (17), Township Forty-nine (49), Range Twenty-three (23), Aitkin County, MN.

APP-2025-000798

8. MARK POPPEN & CLAUDIA FIERRO-POPPEN, 2390 LONGACRES DR, CHANHASSEN, MN 55317, are requesting an after the fact variance from the required 100 foot ordinary high water level setback on a recreational development lake (Farm Island) to a setback distance of 76 feet for a 500 square foot deck on an existing nonconforming residence located 79 feet from the ordinary high water level; and an after the fact variance for a 96 square foot deck on an existing nonconforming guest cottage located 58 feet from the ordinary high water level, in an area zoned shoreland. .67 AC IN LOT 2 IN DOC 415087. Section Twenty-nine (29), Township Forty-six (46), Range Twenty-seven (27), Aitkin County, MN.

APP-2025-000791

9. Approval of minutes, September 3, 2025.

10. Adjourn.

AITKIN COUNTY ZONING

NOTICE OF HEARING

THE **BOARD OF ADJUSTMENT** WILL ASSEMBLE FOR A HEARING OF APPEALS FROM THE AITKIN COUNTY ZONING ORDINANCE ON October 1, 2025 **AT 4:00 P.M.** IN THE **AITKIN COUNTY GOVERNMENT CENTER BOARD ROOM, 307 SECOND STREET NW, AITKIN, MN 56431**. THE FOLLOWING APPLICATIONS WILL BE REVIEWED.

NEIL & NANCY STEFFL, 4735 CHANDLER RD, SHOREVIEW, MN 55126, are requesting a variance from the required 30 foot township road right-of-way setback to a setback distance of 20 feet and a variance from the maximum 15% building coverage to a coverage of 20.1% to construct a 672 square foot accessory structure, in an area zoned shoreland. LOT 13 FARM ISLAND BEACH. Section Four (4), Township Forty-five (45), Range Twenty-seven (27), Aitkin County, MN.

APP-2025-000776

DOYLE & VICKI JELSING, 43911 291ST LN, AITKIN, MN 56431, are requesting a variance from the required 100 foot ordinary high water level setback on a recreational development lake (Farm Island) to construct a 10 foot by 15 foot breezeway on an existing nonconforming residence located 77 feet from the ordinary high water level; and an after the fact variance for a 252 square foot accessory building located 25 feet from the ordinary high water level, which is in the shore impact zone. LOT 39 POINT OF VIEW. Section Twenty-nine (29), Township Forty-six (46), Range Twenty-seven (27), Aitkin County, MN.

APP-2025-000785

BRANDON & LORI NIESEN, 40201 FAIRWAY LN, ONAMIA, MN 56359, are requesting an after the fact variance from Section 5.22 (G) of the Shoreland Management Ordinance for a 220 square foot patio, in an area zoned shoreland. LOT 75 REITERS ORIGINAL PLAT ON SANDY LAKE. Section Seventeen (17), Township Forty-nine (49), Range Twenty-three (23), Aitkin County, MN.

APP-2025-000798

MARK POPPEN & CLAUDIA FIERRO-POPPEN, 2390 LONGACRES DR, CHANHASSEN, MN 55317, are requesting an after the fact variance from the required 100 foot ordinary high water level setback on a recreational development lake (Farm Island) to a setback distance of 76 feet for a 500 square foot deck on an existing nonconforming residence located 79 feet from the ordinary high water level; and an after the fact variance for a 96 square foot deck on an existing nonconforming guest cottage located 58 feet from the ordinary high water level, in an area zoned shoreland. .67 AC IN LOT 2 IN DOC 415087. Section Twenty-nine (29), Township Forty-six (46), Range Twenty-seven (27), Aitkin County, MN.


APP-2025-000791

AITKIN COUNTY ZONING

Property Location

Property:	Property Location								Property Attributes	
	Parcel Number	Property Address	Township or City Name	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section-Township-Range	Lake Class	Lake Name
	11-1-084800	43676 273rd Ln AITKIN, MN 56431	HAZELTON TWP	STEFFL, NEIL G & NANCY K	STEFFL, NEIL G & NANCY K	LOT 13	FARM ISLAND BEACH	S:4 T:45 R:27	RD	FARM ISLAND LAKE
Driving directions to the proposed project from Aitkin:	From Aitkin HWY 169 south take a right on Tame Fish Road/Co Rd 11, take second right on to 436th PI Follow road to lake and turns to the left go down about 5 houses until you see the green mailbox with 43676 and the Steffl sign.									
Is the above parcel located in the Shoreland Zoning District?	<u>Yes</u>									

Detailed Narrative

Enter a Detailed Narrative (If you have a prepared narrative please state "See attached" and attach the document below):	Build a new garage 28ft wide x 24ft deep, no living quarters, Due to our property lot being only 60 feet wide and consistent both adjoining properties that have similar variances, request setback of garage to county road of 20 ft. Also request variance of building coverage which I calculate including proposed garage of 20.1% Position of proposed garage is included on the land survey.
Attach prepared narrative here:	File 1:  Lake_Property_Survey_with_well_depth.pdf
Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:	30Ft setback from county road, building coverage 20.1%
Are you requesting a variance to a road right-of-way setback in one of these Townships? Fleming, Glen, Lakeside, Pliny, Shamrock, Wagner	<u>No</u>

Supplemental Data

Attach completed form here:	File 1:  Part_1_Supplemental_Data_to_variance_app.pdf
-----------------------------	--

A Scaled Drawing or Survey

<p>Scaled Drawing or Survey Checklist:</p>	<p><u>Location and dimensions for all lot lines.</u></p> <p><u>Location and dimensions of all existing and proposed structures/additions.</u></p> <p><u>Location and depth of all existing and proposed wells within 100 feet of the property.</u></p> <p><u>Location and dimensions of all existing and proposed septic system components (septic tank, septic drainfield).</u></p> <p><u>Location and dimensions of all existing and proposed driveways, road right-of-ways, and easements.</u></p> <p><u>Indicate all setback distances for items listed above: ordinary high water level of lakes or rivers, lot lines, road right-of-ways, etc.</u></p>
<p>Attach a Scaled Drawing or Survey:</p>	<p>File 1: Lake_Property_Survey_with_well_depth.pdf</p>

Side Profile Sketch of the Structure

<p>Attach a side profile sketch of your proposed structure or addition here (if applicable):</p>	<p>File 1: Sketch_of_28ft_x_24ft_Garage.pdf</p>
--	---

Certificate of Septic Compliance

<p>Please attach a copy of one of the following:</p> <ul style="list-style-type: none"> - A current compliance inspection on the existing septic system. - A design for a new/replacement septic system. 	<p>File 1: Becklin_Consulting_Engineer_Septic_Setback.pdf</p> <p>File 2: Septic_System_Redesign_8_2025.pdf</p>
--	--

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [Aitkin_Shore_shoreland_Performance.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [Erosion_Control_Checklist.pdf](#)

Property Deed

Attach the property deed(s):

File 1: [Deed_Lake_Property_Neil_Steffl.pdf](#)

Terms**General Terms**

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #63978 (08/30/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 08/30/2025 2:22 PM \$46 Flat Fee	\$46.00	x 1	\$46.00
Variance added 08/30/2025 2:22 PM \$650 Flat Fee	\$650.00	x 1	\$650.00
Grand Total			
Total			\$696.00
Payment 08/30/2025			\$696.00
Due			\$0.00

Approvals

Approval	Signature
Applicant	Neil Steffl - 08/30/2025 5:16 PM a3fa2ab7be7cc0447e71bb587d24c1ef 49e30e4042fb6a6709dad98e6af75985
#1 Administrative Review	Kim Burton - 09/02/2025 8:24 AM fbaf64bf42628043976e4c264cce11d7 557745df4279758162d5128d58cf46f8
#2 Board of Adjustment Approval	

Public Notes

Text:	<div></div>
File(s):	<div></div>

Admin Checklist

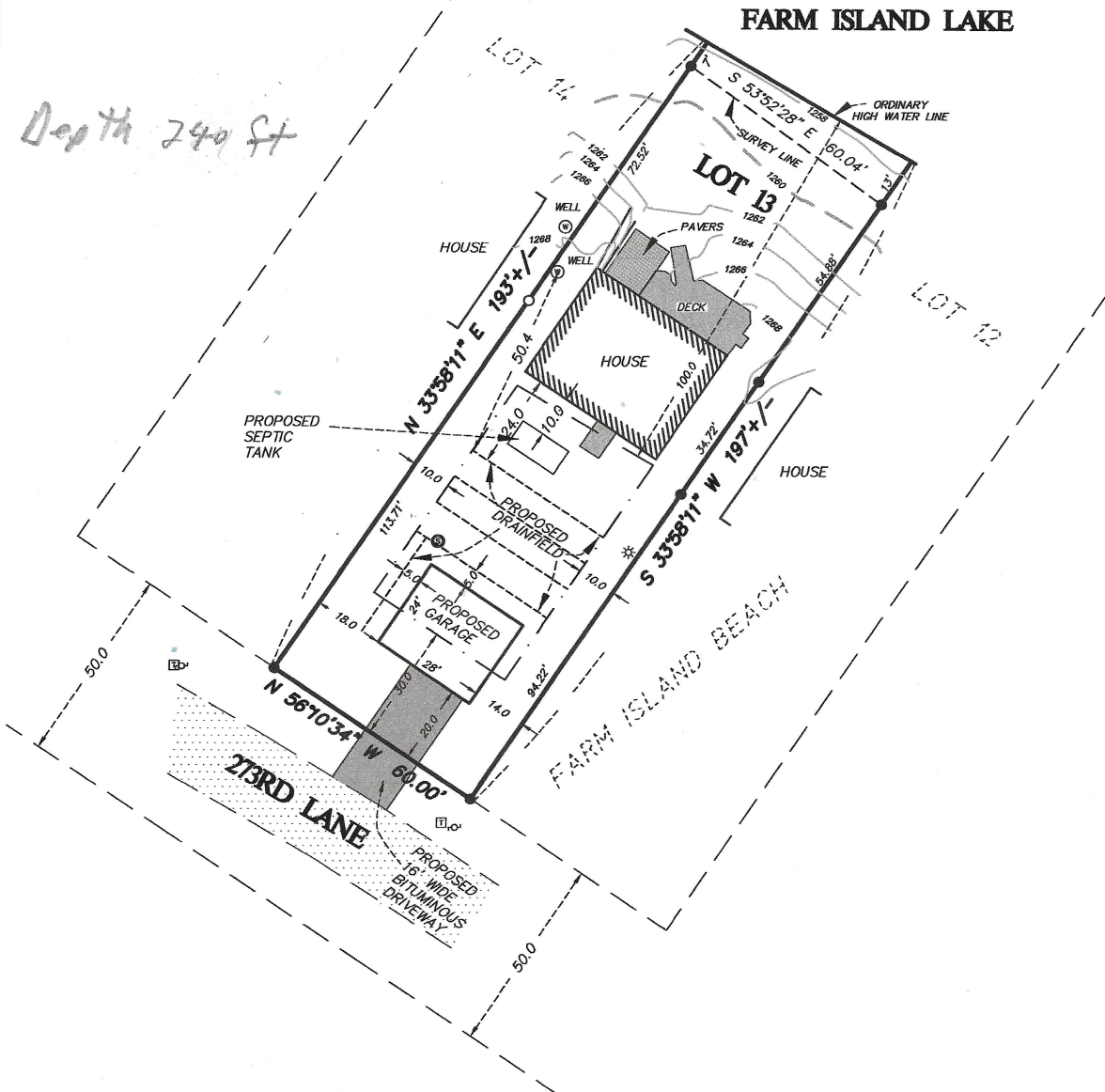
This review has been started by:	Kim Burton ▼
Zoning District of project location:	Shoreland ▼
Project located in the floodplain?	No ▼
Is the parcel a Lot of Record before 1-21-92 or have alternate sites been identified?	Yes ▼
Is this an after-the-fact application?	No ▼

Numbers

	Current Number	Next from Sequence
UID #	215014	<i>not applicable</i>
App. #	<input type="text" value="2025-000776"/>	<input type="button" value="««"/> 2025-000779
Permit #	<input type="text"/>	<input type="button" value="««"/> 2025-0637

[Print View](#)

Well Depth 240 ft



LEGAL DESCRIPTION: (PER DOCUMENT # 246684)

Lot thirteen (13) Farm Island Beach

LEGEND

- T DENOTES TELEPHONE BOX
- P DENOTES POWER POLE
- S DENOTES SEPTIC MANHOLE
- DENOTES FOUND MONUMENT
- DENOTES SET 1/2"x14" IRON PIPE WITH CAP # 50319

GENERAL NOTES

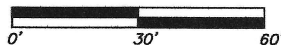
1. No search for easements or restrictions, recorded or unrecorded, was made by the Surveyor.
2. Bearings shown are based upon the Aitkin County Coordinate System. Elevation is based on NAVD 88.
3. The underground utilities shown have been located from field survey information. The surveyor makes no guarantees that the utilities shown comprise all such utilities in the area, either in service or abandoned.
4. No wetlands were delineated as a part of this survey.
5. Total area of subject property: +/- 11,723 SQ FT
6. The septic design was completed by Mashler Septic Service.
7. Proposed impervious = 2,420 SQ FT / 11,723 SQ FT X 100 = 20.64%

I hereby certify that this survey was prepared by me or under my direct supervision and that I am a duly licensed LAND SURVEYOR under the laws of the State of Minnesota.

Terry T. Strus

Terry T. Strus
Date: 8/22/25 License No. 50319

Date: 8/22/25



**Lakes Area
SURVEYING**
LLC.

4962 COMMONS DR. UNIT E-2
NISSWA, MN 56468
OFFICE (218) 961-0090



Crew: EAN/TTs
Checked: PDH
Drawn: TTS
Record Drawing by/date:

NEIL STEFFL

43676 273RD LANE
AITKIN, MN 56431

**CERTIFICATE OF
SURVEY**

PART I: SUPPLEMENTAL DATA TO VARIANCE APPLICATION

Aitkin County Environmental Services

307 Second St. NW, Room 219, Aitkin, MN 56431

Phone: 218.927.7342 Fax: 218.927.4372

www.co.aitkin.mn.us

Note: Place an "X" by each item below that applies to your variance request. Then, fill out **only** the applicable following section(s) that apply, as directed. **If a section does not apply to your request, leave it blank.**

What is the reason(s) for applying for the variance? Place an "X" by each applicable item.

☒ Setback issues for a proposed new structure: **Complete Section 1**

☐ Setback issues for an alteration to an existing nonconforming structure: **Complete Section 2**

☒ Setback issues for a septic system: **Complete Section 3**

☐ Land alteration: **Complete Section 4**

☐ Creating a lot not in conformance with the minimum Ordinance standards: **Complete Section 5**

☐ Other: attach separate sheet explaining variance request

Section 1 – New Structure(s)

Check all that apply and fill in requested information:

☐ Basement

☐ One Story Level

☐ Crawlspace

☐ Story-and-a-Half Level

☐ Walk-out Basement

☐ 2nd Story Level

Proposed # of Bedrooms

Proposed Structure Height 17.3 ft.

Existing Total Building Coverage 12.2 %

Proposed Total Building Coverage 20.1 %

Existing Total Impervious Surface Coverage 12.2 % Proposed Total Impervious Surface Coverage 20.1 %

"Building Coverage" means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to's, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

"Impervious surface coverage" means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

Garage 28 x 24 = 672
Garage driveway 10 x 20 = 200
Total sq ft 872

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance. * Setbacks are measured to the nearest point on a structure which can be the eave overhang or an attached deck/platform.

Proposed Structure Type (indicate with or without living quarters) _____

_____ Ordinary High Water Level (OHWL)	Proposed Setback _____ ft.
_____ Property Line	Proposed Setback _____ ft.
_____ Road Right-of way __ Twp <input checked="" type="checkbox"/> Co. __ State	Proposed Setback <u>20</u> ft.
_____ Bluff	Proposed Setback _____ ft.
_____ Other: _____	Proposed Setback _____ ft.

Section 2 – Alteration(s) to Existing Nonconforming Structure(s)

Check all that apply and fill in requested information:

Existing Structure

_____ Basement
_____ Crawlspace
_____ Walk-out Basement
_____ One Story Level
_____ Story-and-a-Half Level
_____ 2nd Story Level

Proposed Addition(s)

_____ Basement
_____ Crawlspace
_____ Walk-out Basement
_____ One Story Level
_____ Story-and-a-Half Level
_____ 2nd Story Level

Existing Structure Height _____ ft.

Proposed Addition(s) Height _____ ft.

Existing # of Bedrooms _____

Final # of bedrooms after remodel _____

Existing Building Coverage _____%

Proposed Building Coverage _____%

Existing Total Impervious Surface Coverage _____%

Proposed Total Impervious Surface Coverage _____%

“Building Coverage” means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to’s, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

“Impervious surface coverage” means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance. * Setbacks are measured to the nearest point on a structure which can be the eave overhang or an attached deck/platform.

Proposed Alteration Type _____

_____ Ordinary High Water Level (OHWL)	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Property Line	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Road Right-of way __ Twp __ Co. __ State	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Bluff	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Other: _____	Existing Setback _____ ft.	Proposed Setback _____ ft.

Section 3 – Septic System

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance.

_____ Ordinary High Water Level (OHWL)	Proposed Setback _____ ft.
_____ Property Line	Proposed Setback _____ ft.
_____ Road Right-of way __ Twp __ Co. __ State	Proposed Setback _____ ft.
_____ Bluff	Proposed Setback _____ ft.
✓ Other: <u>Variance garage to septic</u>	Proposed Setback <u>5</u> ft.

Section 4 – Land Alteration

What is your land alteration? Check all categories that apply and indicate the total amount of excavation or placement of fill.

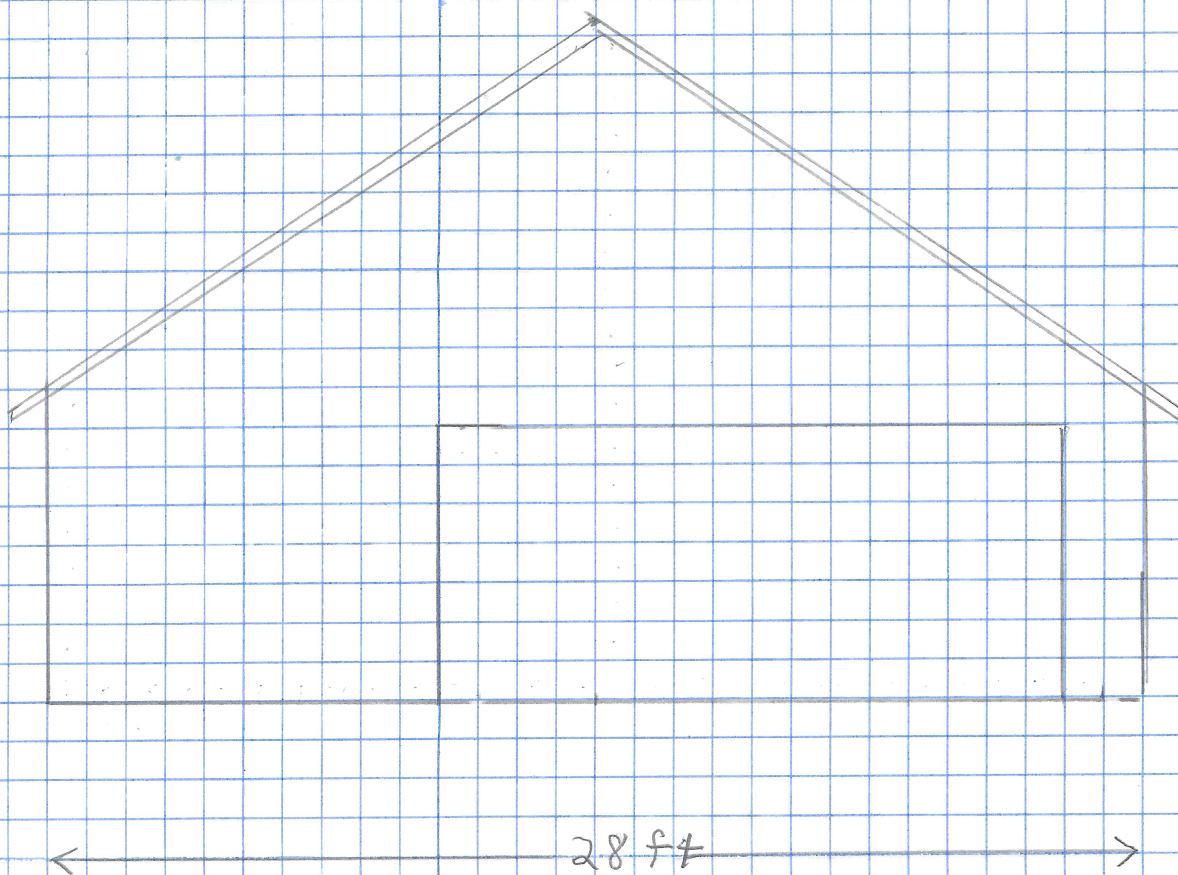
_____ More than 10 cubic yards on steep slopes and shore and bluff impact zones.	Total Cubic Yds. _____
_____ Other: _____	Total Cubic Yds. _____

Section 5 – Creating Nonconforming Lot(s)

Check the item(s) from which you are requesting a variance and fill in the proposed dimensions.

_____ Property Width	Proposed Property Width _____
_____ Property Area	Proposed Property Area _____
_____ (2) Standard Septic Sites	
_____ Legal Access	

Proposed 28 ft x 24 ft Garage



Becklin & Whitney
Consulting Engineers, Inc.
523 MAIN STREET NORTH, SUITE 1
CAMBRIDGE, MN 55008
PHONE (763) 689-5631 FAX (763) 552-5631

August 28, 2025

Neil Steffl
4735 Chandler Road
Shoreview, MN 55126

RE: Review of Proposed Garage adjacent to
Septic System Drain Field
43676 273rd Lane
Aitkin, MN

To Whom It May Concern:

Introduction & Site Visit

The owner is planning to build a new slab on grade garage. The septic system drain fields are being reconfigured to be adjacent to proposed 24-foot x 28-foot garage. We were asked to determine the minimum distance allowed between drain field and garage.

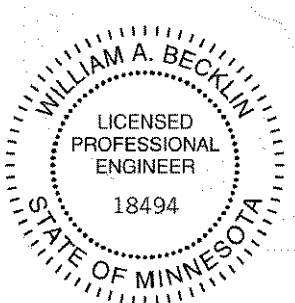
Discussion

Typical depth to bottom of rock in drain field is 3 feet. Garage may be a floating slab or have frost depth foundation. A 5-foot separation from drain field rock is acceptable. The 5-foot separation from the drain field will keep the drain field out of the influence zone of garage foundation. No drain field rock is to be disturbed when foundation for the garage. Do not drive machinery between addition and drain field.

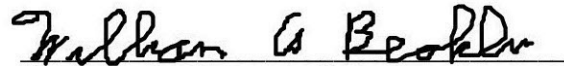
Conclusions

The garage can be built as close as 5 feet to the drain field rock bed and will not interfere with septic system function. Install rain gutters on garage to direct water away from the area between garage and drain field. Surface water needs to drain away from area between addition and drain field. Do not drive heavy machinery between the addition and drain field.

Attachments: Related Documents



I HEREBY CERTIFY THAT THIS PLAN,
SPECIFICATION, OR REPORT WAS PREPARED BY ME
OR UNDER MY DIRECT SUPERVISION AND THAT I
AM A DULY REGISTERED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE STATE OF
MINNESOTA.



WILLIAM A. BECKLIN, P.E.

DATE: AUGUST 28, 2025

LIC. No. 18494

FIELD EVALUATION SHEET

PRELIMINARY EVALUATION DATE 8-4-25, FIELD EVALUATION DATE 8-4-25
 PROPERTY OWNER: Neil + Nancy Stiff PHONE 612-817-8818
 ADDRESS: 43676 273rd Lane CITY, STATE, ZIP: Aitkin, MN 56431
 LEGAL DESCRIPTION: Lot 13 Farm Island Beach
 PIN# 11-1-084800 SEC 4 T 45 R 27 TWP NAME: Hagellon
 FIRE# _____ LAKE/RIVER Farm Island LAKE CLASS RD OHWL _____ F

DESCRIPTION OF SOIL TREATMENT AREAS

	AREA #1	AREA #2	REFERENCE BM ELEV. <u>100</u> F
DISTURBED AREAS	YES _____ NO <u>X</u>	YES _____ NO _____	REFERENCE BM DESCRIPTION _____
COMPACTED AREAS	YES _____ NO <u>X</u>	YES _____ NO _____	_____
FLOODING	YES _____ NO <u>X</u>	YES _____ NO _____	_____
RUN ON POTENTIAL	YES _____ NO <u>X</u>	YES _____ NO _____	_____
SLOPE %	<u>0</u>	_____	_____
DIRECTION OF SLOPE	_____	_____	_____
LANDSCAPE POSITION	<u>flat</u>	_____	_____
VEGETATION TYPES	<u>grass</u>	_____	_____

DEPTH TO STANDING WATER OR MOTTLED SOIL: BORING# 1 6', 1A _____, 2 _____, 2A _____

BOTTOM ELEVATION--FIRST TRENCH OR BOTTOM OF ROCK BED: #1 97 FT., #2 _____ FT.

SOIL SIZING FACTOR: SITE #1 1.27, SITE #2 _____

CONSTRUCTION RELATED ISSUES: _____

LIC# 2264 SITE EVALUATOR SIGNATURE: Lou Ann Maschler

SITE EVALUATOR NAME: Maschler Septic Consultants TELEPHONE# 218-839-3042

LUG REVIEW _____ DATE _____

Comments: _____

SOIL BORING LOGS ON REVERSE SIDE

SOILS CHARTS FOR BOTH PROPOSED AND ALTERNATE SITES

1 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-4	Topsoil	10YR $\frac{3}{2}$
4-60	sand loam	10YR $\frac{4}{4}$
60-72	rocky sand loam	10YR $\frac{5}{4}$
(Pit)		

2 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

1 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

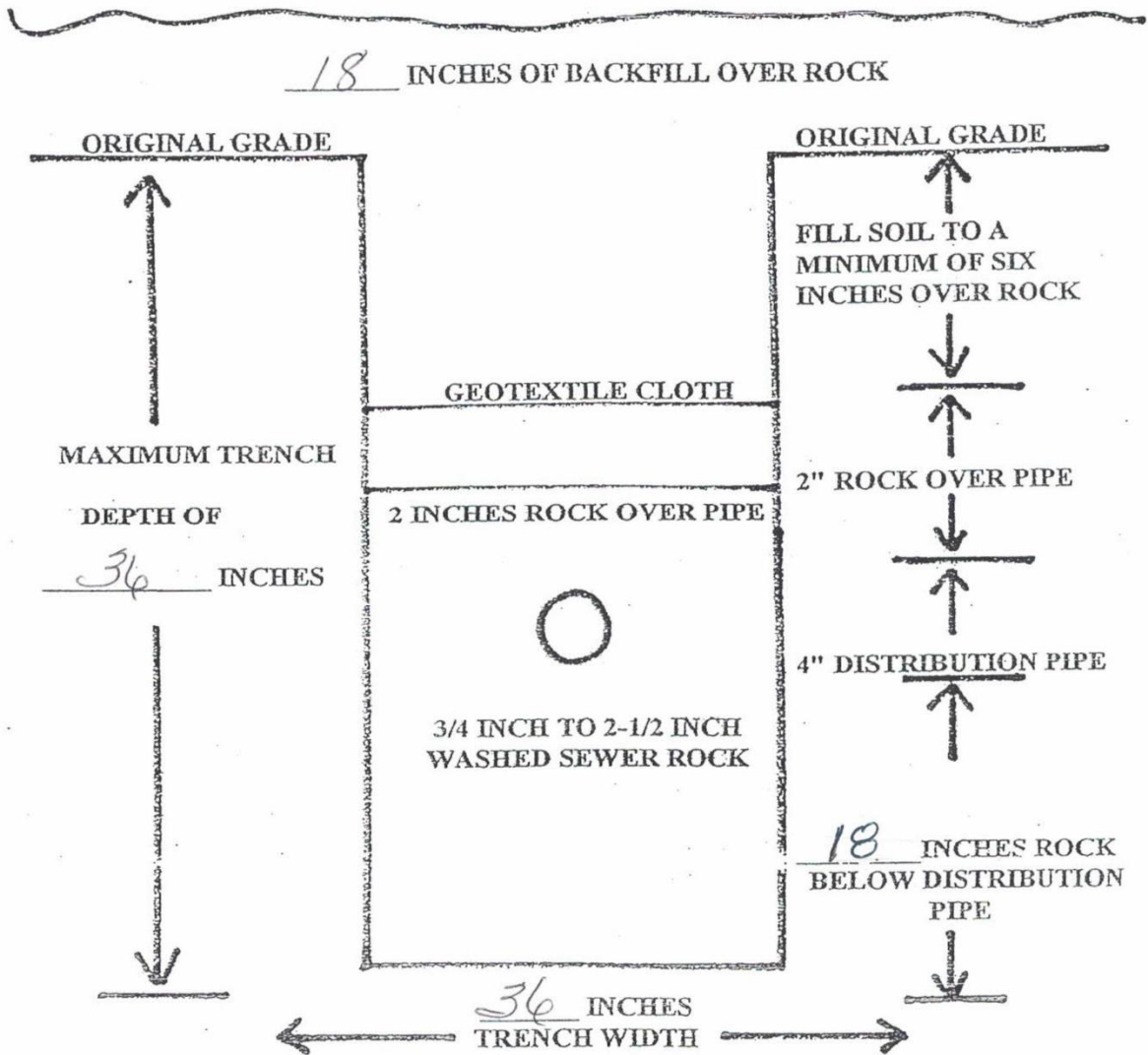
2 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

ADDITIONAL SOIL BORINGS MAY BE REQUIRED

TRENCH CROSS-SECTION

FINISHED GRADE



TRENCH AND BED WORKSHEET

1. AVERAGE DESIGN FLOW

- A. Estimated 600 gpd (see figure A-1)
or measured 1.5 (safety factor) = 900 gpd
B. Septic tank capacity 1000 gal (see figure C-1)

2. SOILS (Site evaluation data)

- C. Depth to restricting layer = 6 ft
D. Max depth of system Item 2C - 3 ft = 6 ft - 3 ft = 3 ft
E. Texture sandy loam Percolation rate 1.27 MPI
F. Soil Sizing Factor (SSF) 1.27 sqft/gpd (see figure D-15)
G. % Land Slope 0 %

3. TRENCH or BED BOTTOM AREA

- H. For trenches with 6 inches of rock below the pipe:
 $A \times F = \text{gpd} \times \text{sqft/gpd} = \text{sqft}$
I. For trenches with 12 inches of rock below the pipe:
 $A \times F \times 0.8 = \text{gpd} \times \text{sqft/gpd} \times 0.8 = \text{sqft}$
J. For trenches with 18 inches of rock below the pipe:
 $A \times F \times 0.66 = \text{gpd} \times \text{sqft/gpd} \times 0.66 = \text{sqft}$
K. For trenches with 24 inches of rock below the pipe:
 $A \times F \times 0.6 = \text{gpd} \times \text{sqft/gpd} \times 0.6 = \text{sqft}$
L. For gravity beds with 6 or 12 inches of rock below the pipe:
 $1.5 \times A \times F = 1.5 \times \text{gpd} \times \text{sqft/gpd} = \text{sqft}$
For pressure beds with 6 or 12 inches of rock below the pipe:
 $A \times F = \text{gpd} \times \text{sqft/gpd} = \text{sqft}$

4. DISTRIBUTION (Check all that apply)

- Bed (< 6% slope) X Drop boxes (any slope) X Rock
X Trenches Distribution box (< 3%) Chamber
 Pressure Gravity Gravelless

5. SYSTEM WIDTH, LENGTH and VOLUME

- M. Select trench width = 3 ft
N. If using rock, divide bottom area by width: (H, I, J, K or L) ÷ M =
503 sqft ÷ 3 ft = 168 lineal feet
Rock depth below distribution pipe plus 0.5 foot times bottom area:
Rock depth in feet + 0.5 feet x Area (H, I, J, K, or L)
(1.5 ft + 0.5 ft) x 503 sqft = 1004 cuft
Volume in cubic yards = cuft ÷ 27
1004 cuft ÷ 27 = 37.25 cuys
Weight of rock in tons = cubic yds x 1.4
37.25 cuys x 1.4 = 52 tons
O. If using 10" Gravelless Pipe, Flow (A) x Gravelless SSF (see figure D-9)
 gpd x lineal feet/gpd = lineal feet
P. If using Chambers, H, I, J, or K (based on height of chamber slats) ÷
width of chamber in feet (M)
 sqft ÷ ft = lineal ft

6. LAWN AREA

- Q. Select trench spacing, center to center = 5 feet
R. Multiply trench spacing by lineal feet R x Q = sqft of lawn area
5 ft x 168 ft = 840 sqft

7. Include a drawing with scale (one inch = ft). Show pertinent boundaries, right of way, easements, location of house, garage, driveway, all other improvements, existing or proposed soil treatment system, well and dimensions of all elevations, setbacks and separation distances.

I hereby certify that I have completed this work in accordance with applicable ordinances, rules and laws.

Lou Ann Maschler (signature) 2264 (license #) 8-15-25 (date)

A-1: Estimated Sewage Flows in Gallons per Day

number of bedrooms	Class I	Class II	Class III	Class IV
2	300	225	180	60%
3	450	300	218	of the
4	600	375	256	values
5	750	450	294	in the
6	900	525	332	Class I
7	1050	600	370	II or III
8	1200	675	408	columns.

C-1: Septic Tank Capacities (in gallons)

Number of Bedrooms	Minimum Liquid Capacity	Liquid capacity with garbage disposal	Liquid capacity with disposal & lift inside
2 or less	750	1125	1500
3 or 4	1000	1500	2000
5 or 6	1500	2250	3000
7, 8 or 9	2000	3000	4000

D-15: Soil Characteristics and Soil Sizing Factor (SSF) (> 3' separation)

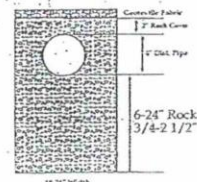
Percolation Rate (minutes per inch (mpi))	Soil Texture	Soil Sizing Factor (square feet/gallon per day (sqft/gpd))
faster than 0.1"	Coarse sand	0.83
0.1 to 5"	Medium sand	0.83
	Loamy sand	
0.1 to 5"	Fine sand	1.67
6 to 15"	Sandy loam	1.27
16 to 30"	Loam	1.67
31 to 45"	Silt loam	2.00
	Silt	
46 to 60"	Clay loam	2.20
	Sandy clay	
over 61 to 120"	Silty clay	4.20
	Clay	
slower than 120"	Sandy clay	
	Silty clay	

*Use systems for rapidly permeable soils: pressure distribution or serial distribution with no trench > 25% of the total system.
**Soil having 50% or more fine sand plus very fine sand
***A mound must be used.
****An other or performance system must be used

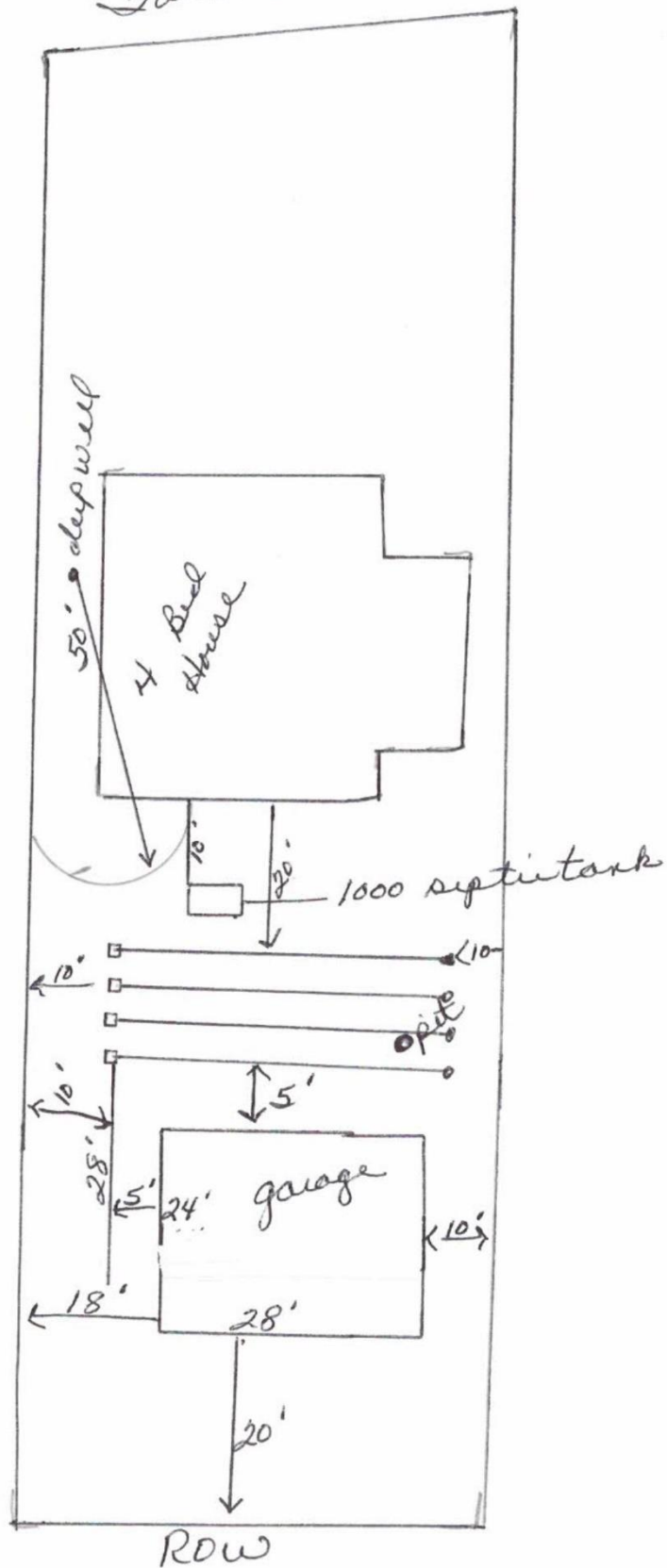
D-9: Soil Characteristics and Soil sizing factors (SSF) for Gravelless Pipe

percolation rate (minutes/inch)	soil texture	lineal feet/gallon/day
Faster than 0.1"	Coarse Sand	—
0.1 to 5"	Medium Sand	0.28
	Loamy Sand	
0.1 to 5"	Fine Sand	0.6
6 to 15"	Sandy Loam	0.42
16 to 30"	Loam	0.56
31 to 45"	Silt Loam	0.67
	Silt	
46 to 60"	Clay Loam (CL)	0.74
	Sandy CL	
	Silty CL	
slower than 60"	Clay	—
	Sandy Clay	
	Silty Clay	

*Soil too coarse for sewage treatment.
Use systems for rapidly permeable soils.
**Soil having 50% or more fine sand + very fine sand.
***Soil with too high a percentage of clay for installation of a standard inground system.



Farm Island Lake



Subsurface Sewage Treatment System Management Plan

Property Owner: Neil & Nancy Steffl Phone: 612-817-8818 Date: 8-4-25
Mailing Address: 4735 Chandler Road City: Shoreview Zip: 55126
Site Address: 43676 273rd Lane City: Citrus Zip: 56431

This management plan will identify the operation and maintenance activities necessary to ensure long-term performance of your septic system. Some of these activities must be performed by you, the homeowner. Other tasks must be performed by a licensed septic service provider.

System Designer: check every _____ months.
Local Government: check every _____ months.
State Requirement: check every 36 months.

**My System needs to be checked
every 36 months.**

Homeowner Management Tasks

Leaks – Check (look, listen) for leaks in toilets and dripping faucets. Repair leaks promptly.

Surfacing sewage – Regularly check for wet or spongy soil around your soil treatment area.

Effluent filter – *Inspect and clean twice a year or more.*

Alarms – Alarm signals when there is a problem. Contact a service provider any time an alarm signals.

Event counter or water meter – Record your water use.

-recommend meter readings be conducted (circle one: DAILY WEEKLY MONTHLY)

Professional Management Tasks

- ☐ Check to make sure tank is not leaking
- ☐ Check and clean the in-tank effluent filter
- ☐ Check the sludge/scum layer levels in all septic tanks
- ☐ Recommend if tank should be pumped
- ☐ Check inlet and outlet baffles
- ☐ Check the drainfield effluent levels in the rock layer
- ☐ Check the pump and alarm system functions
- ☐ Check wiring for corrosion and function
- ☐ Check dissolved oxygen and effluent temperature in tank
- ☐ Provide homeowner with list of results and any action to be taken
- ☐ Flush and clean laterals if cleanouts exist

"I understand it is my responsibility to properly operate and maintain the sewage treatment system on this property, utilizing the Management Plan. If requirements in the Management Plan are not met, I will promptly notify the permitting authority and take necessary corrective actions. If I have a new system, I agree to adequately protect the reserve area for future use as a soil treatment system."

Property Owner Signature: _____ Date: _____
Designer Signature: Lauran Mascher Date: 8-4-25

See Reverse Side for Management Log

FIELD EVALUATION SHEET

PRELIMINARY EVALUATION DATE 8-4-25, FIELD EVALUATION DATE 8-4-25
 PROPERTY OWNER: Neil + Nancy Stuffle PHONE 612-817-8818
 ADDRESS: 43676 273rd Lane CITY, STATE, ZIP: Arthur, Mn 56431
 LEGAL DESCRIPTION: Lot 13 Farm Island Beach
 PIN# 11-1-084800 SEC 4 T 45 R 27 TWP NAME Hagerton
 FIRE# _____ LAKE/RIVER Farm Island LAKE CLASS RD OHWL _____ F

DESCRIPTION OF SOIL TREATMENT AREAS

	AREA #1	AREA #2	REFERENCE BM ELEV. <u>100</u>
DISTURBED AREAS	YES _____ NO <u>X</u>	YES _____ NO _____	REFERENCE BM DESCRIPTION _____
COMPACTED AREAS	YES _____ NO <u>X</u>	YES _____ NO _____	_____
FLOODING	YES _____ NO <u>X</u>	YES _____ NO _____	_____
RUN ON POTENTIAL	YES _____ NO <u>X</u>	YES _____ NO _____	_____
SLOPE %	<u>0</u>	_____	_____
DIRECTION OF SLOPE	_____	_____	_____
LANDSCAPE POSITION	<u>flat</u>	_____	_____
VEGETATION TYPES	<u>grass</u>	_____	_____

DEPTH TO STANDING WATER OR MOTTLED SOIL: BORING# 1 6', 1A _____, 2 _____, 2A _____

BOTTOM ELEVATION--FIRST TRENCH OR BOTTOM OF ROCK BED: #1 97 FT., #2 _____ FT.

SOIL SIZING FACTOR: SITE #1 1.27, SITE #2 _____

CONSTRUCTION RELATED ISSUES: _____

LIC# 2264 SITE EVALUATOR SIGNATURE: Lau Ann Maschler

SITE EVALUATOR NAME: Maschler Septic Consultants TELEPHONE# 218-839-3042

LUG REVIEW _____ DATE _____

Comments: _____

SOIL BORING LOGS ON REVERSE SIDE

SOILS CHARTS FOR BOTH PROPOSED AND ALTERNATE SITES

1 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-4	Ypsil	10YR $\frac{3}{2}$
4-60	sand loam	10YR $\frac{4}{4}$
60-72	rocky sand loam	10YR $\frac{5}{4}$
(pit)		

2 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

1 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

2 (ALTERNATE) SOILS DATA

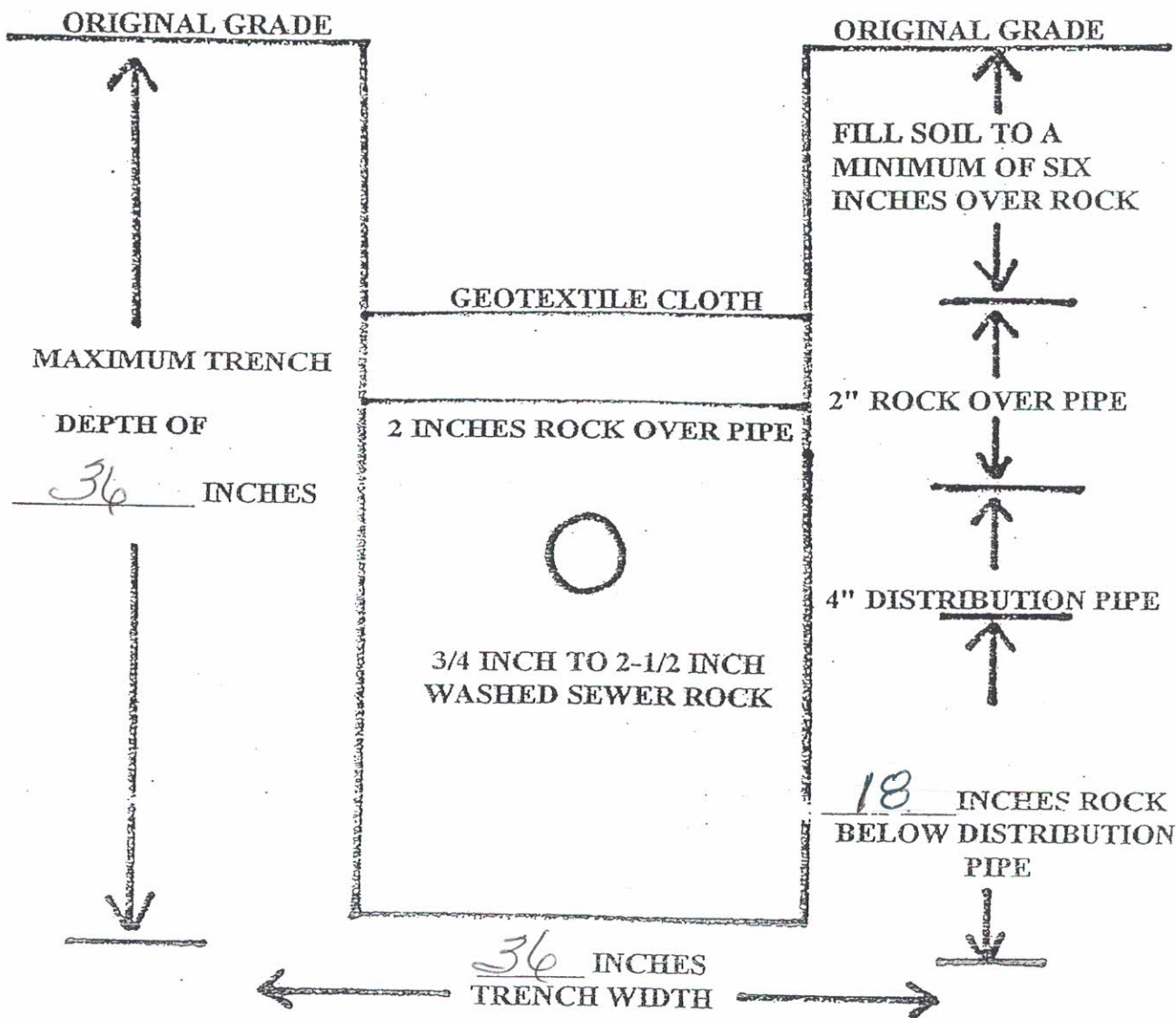
DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

ADDITIONAL SOIL BORINGS MAY BE REQUIRED

TRENCH CROSS-SECTION

FINISHED GRADE

18 INCHES OF BACKFILL OVER ROCK



TRENCH AND BED WORKSHEET

1. AVERAGE DESIGN FLOW

- A. Estimated 600 gpd (see figure A-1)
or measured x 1.5 (safety factor) = gpd
B. Septic tank capacity 1000 gal (see figure C-1)

2. SOILS (Site evaluation data)

- C. Depth to restricting layer = 6 ft
D. Max depth of system Item 2C - 3 ft = 6 ft - 3 ft = 3 ft
E. Texture sandy loam Percolation rate MPI
F. Soil Sizing Factor (SSF) 1.27 sqft/gpd (see figure D-15)
G. % Land Slope 0 %

3. TRENCH or BED BOTTOM AREA

- H. For trenches with 6 inches of rock below the pipe:
 $A \times F = \text{ } \text{ gpd} \times \text{ } \text{ sqft/gpd} = \text{ } \text{ sqft}$
I. For trenches with 12 inches of rock below the pipe:
 $A \times F \times 0.8 = \text{ } \text{ gpd} \times \text{ } \text{ sqft/gpd} \times 0.8 = \text{ } \text{ sqft}$
J. For trenches with 18 inches of rock below the pipe:
 $A \times F \times 0.66 = \text{600} \text{ gpd} \times \text{1.27} \text{ sqft/gpd} \times 0.66 = \text{503} \text{ sqft}$
K. For trenches with 24 inches of rock below the pipe:
 $A \times F \times 0.6 = \text{ } \text{ gpd} \times \text{ } \text{ sqft/gpd} \times 0.6 = \text{ } \text{ sqft}$
L. For gravity beds with 6 or 12 inches of rock below the pipe;
 $1.5 \times A \times F = 1.5 \times \text{ } \text{ gpd} \times \text{ } \text{ sqft/gpd} = \text{ } \text{ sqft}$
For pressure beds with 6 or 12 inches of rock below the pipe;
 $A \times F = \text{ } \text{ gpd} \times \text{ } \text{ sqft/gpd} = \text{ } \text{ sqft}$

4. DISTRIBUTION (Check all that apply)

- Bed (< 6% slope) X Drop boxes (any slope) X Rock
X Trenches Distribution box (< 3%) Chamber
 Pressure Gravity Gravelless

5. SYSTEM WIDTH, LENGTH and VOLUME

- M. Select trench width = 3 ft
N. If using rock, divide bottom area by width: $(H, I, J, K \text{ or } L) \div M =$
 $\text{503 sqft} \div \text{3 ft} = \text{168} \text{ lineal feet}$
Rock depth below distribution pipe plus 0.5 foot times bottom area:
Rock depth in feet + 0.5 feet x Area (H, I, J, K, or L)
 $(1.5 \text{ ft} + 0.5 \text{ ft}) \times \text{503 sqft} = \text{1006} \text{ cuft}$
Volume in cubic yards = cuft $\div 27$
 $\text{1006 cuft} \div 27 = \text{37.25} \text{ cu yds}$
Weight of rock in tons = cubic yds x 1.4
 $\text{37.25 cu yds} \times 1.4 = \text{52} \text{ tons}$
O. If using 10" Gravelless Pipe, Flow (A) x Gravelless SSF (see figure D-9)
 $\text{ } \text{ gpd} \times \text{ } \text{ lineal feet/gpd} = \text{ } \text{ lineal feet}$
P. If using Chambers, H, I, J, or K (based on height of chamber slats) \div
width of chamber in feet (M)
 $\text{ } \text{ sqft} \div \text{ } \text{ ft} = \text{ } \text{ lineal ft}$

6. LAWN AREA

- Q. Select trench spacing, center to center = 5 feet
R. Multiply trench spacing by lineal feet R x Q = sqft of lawn area
 $\text{5 ft} \times \text{168 ft} = \text{840} \text{ sqft}$

7. Include a drawing with scale (one inch = ft). Show pertinent boundaries, right of way, easements, location of house, garage, driveway, all other improvements, existing or proposed soil treatment system, well and dimensions of all elevations, setbacks and separation distances.

number of bedrooms	Class I	Class II	Class III	Class IV
2	300	225	180	60%
3	450	300	218	of the
4	600	375	256	values
5	750	450	294	in the
6	900	525	332	Class I,
7	1050	600	370	II, or III
8	1200	675	408	columns.

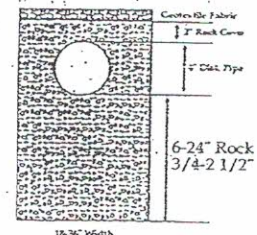
Number of Bedrooms	Minimum Liquid Capacity	Liquid capacity with garbage disposal	Liquid capacity with disposal & lift inside
2 or less	750	1125	1500
3 or 4	1000	1500	2000
5 or 6	1500	2250	3000
7, 8 or 9	2000	3000	4000

Percolation Rate minutes per inch (mpi)	Soil Texture	Soil Sizing Factor square feet/gallon per day (sqft/gpd)
faster than 0.1*	Coarse sand	0.83
0.1 to 5*	Medium sand	0.83
	Loamy sand	
0.1 to 5**	Fine sand	1.67
6 to 15	Sandy loam	1.27
16 to 30	Loam	1.67
31 to 45	Silt loam	2.00
46 to 60	Silt	2.20
	Clay loam	
	Sandy clay	
over 61 to 120***	Silty clay	4.20
	Clay	
slower than 120****	Sandy clay	
	Silty clay	

*Use systems for rapidly permeable soils: pressure distribution or serial distribution with no trench > 25% of the total system.
**Soil having 50% or more fine sand plus very fine sand
***A mound must be used.
****An other or performance system must be used

percolation rate (minutes/inch)	soil texture	lineal feet/gallon/day
Faster than 0.1*	Coarse Sand	—
0.1 to 5	Medium Sand	0.28
	Loamy Sand	
0.1 to 5	Fine Sand**	0.6
6 to 15	Sandy Loam	0.42
16 to 30	Loam	0.56
31 to 45	Silt Loam	0.67
46 to 60	Silt	0.74
	Clay Loam (CL)	
	Sandy CL	
slower than 60***	Silty CL	—
	Clay	
	Sandy Clay	
	Silty Clay	

*Soil too coarse for sewage treatment.
Use systems for rapidly permeable soils.
**Soil having 50% or more fine sand + very fine sand.
***Soil with too high a percentage of clay for installation of a standard inground system.



I hereby certify that I have completed this work in accordance with applicable ordinances, rules and laws.

Lauran Maschler (signature) 2264 (license #) 8-15-25 (date)

A hand-drawn site plan of a property, oriented vertically. The plan includes the following features and dimensions:

- Property Boundary:** A large rectangle with a total width of 18' and a total height of 50'.
- Bed House:** A large, irregularly shaped building at the top. A line points to its left side with the label "50' deep wall".
- 1000 sept tank:** A small rectangular tank located below the Bed House, with a width of 10' and a height of 20'.
- Driveway:** A vertical driveway on the left side, 18' wide, leading from the bottom to the garage area.
- Garage:** A rectangular building at the bottom, 28' wide and 24' high. It is 5' from the left driveway and 10' from the right boundary.
- Optic:** A small structure or feature located between the driveway and the garage, 5' from the driveway and 5' from the garage.
- Other Dimensions:**
 - 10' from the left boundary to the start of the driveway.
 - 10' from the left boundary to the start of the driveway.
 - 28' from the start of the driveway to the garage.
 - 5' from the driveway to the garage.
 - 10' from the garage to the right boundary.
 - 20' from the bottom of the garage to the bottom boundary.

Row

Subsurface Sewage Treatment System Management Plan

Property Owner: Neil & Nancy Stoffel Phone: 612-817-8818 Date: 8-4-25
Mailing Address: 4735 Chandler Road City: Shoreview Zip: 55126
Site Address: 43676 273rd Lane City: Arden Zip: 56431

This management plan will identify the operation and maintenance activities necessary to ensure long-term performance of your septic system. Some of these activities must be performed by you, the homeowner. Other tasks must be performed by a licensed septic service provider.

System Designer: check every _____ months.
Local Government: check every _____ months.
State Requirement: check every 36 months.

**My System needs to be checked
every 36 months.**

Homeowner Management Tasks

Leaks – Check (look, listen) for leaks in toilets and dripping faucets. Repair leaks promptly.

Surfacing sewage – Regularly check for wet or spongy soil around your soil treatment area.

Effluent filter – *Inspect and clean twice a year or more.*

Alarms – Alarm signals when there is a problem. Contact a service provider any time an alarm signals.

Event counter or water meter – Record your water use.

-recommend meter readings be conducted (circle one: DAILY WEEKLY MONTHLY)

Professional Management Tasks

- ☐ Check to make sure tank is not leaking
- ☐ Check and clean the in-tank effluent filter
- ☐ Check the sludge/scum layer levels in all septic tanks
- ☐ Recommend if tank should be pumped
- ☐ Check inlet and outlet baffles
- ☐ Check the drainfield effluent levels in the rock layer
- ☐ Check the pump and alarm system functions
- ☐ Check wiring for corrosion and function
- ☐ Check dissolved oxygen and effluent temperature in tank
- ☐ Provide homeowner with list of results and any action to be taken
- ☐ Flush and clean laterals if cleanouts exist

"I understand it is my responsibility to properly operate and maintain the sewage treatment system on this property, utilizing the Management Plan. If requirements in the Management Plan are not met, I will promptly notify the permitting authority and take necessary corrective actions. If I have a new system, I agree to adequately protect the reserve area for future use as a soil treatment system."

Property Owner Signature: _____ Date: _____

Designer Signature: Laurie Mascher Date: 8-4-25

See Reverse Side for Management Log

AITKIN COUNTY SHORELAND PERFORMANCE

(Structure Placement Guidance)

A property should obtain a score of 100 or more to meet performance standard requirements. A conforming lot is assigned a score of 100. A lot is deemed conforming when the structure meets the required setbacks to the protected water as specified in the Aitkin County Shoreland Management Ordinance (SMO). A structure that fails to meet this definition is considered non-conforming.

To determine the level of non-conformance and score (See Reference Table):

- 1) Determine the DNR classification of the protected water on the lot (SMO-4.13 & 4.14) 1: Recreational
- 2) Determine the required "Structure Setback" to that classification of water (SMO 5.2) 2: 100
- 3) Determine the "Actual Setback" of the structure by measuring the closest part of the structure to the protected water, bluff, right-of-way, property line, etc. for which a variance is sought 3: 106
- 4) Enter the corresponding 'Score Multiplier' 4: 1.333
- 5) Pre-mitigation 'Lot Score': Determine the percentage of the encroachment as it relates to the standard setback by multiplying the Actual Setback with the 'Score Multiplier' (Note: round to the nearest whole number) 5: 141

Reference Table: Performance Multipliers for structures, septic, bluff, and sidelots in Aitkin County.

Protected Waters Type (DNR Classification; SMO 4.13-4.14)	Required Structure Setback	Score Multiplier Structures	Required Septic Setback	Score Multiplier Septic	Score Multiplier Bluff	Score Multiplier Sidelot
General Development Lake	75'	1.333	75'	1.333	(30' setback)	(10' setback)
Recreational Development Lake	100'	1.000	75'	1.333	3.33	10.000
Natural Environment Lake	150'	0.667	150'	0.667		
Mississippi River	150'	0.667	125'	0.800		
Tributary Stream	100'	1.000	75'	1.333		
Forested Stream	150'	0.667	100'	1.000		
Remote Stream	200'	0.500	150'	0.667		

Mitigation: To bring a non-conforming structure to a score of 100 the landowner conducts and maintains one or more of the below listed mitigating activities:

- A) Zone A(1): Plant and/or maintain a 12.5' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **15 points**
- Zone A(2): Plant and/or maintain a 25' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **30 points**
- B) Zone B: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone A landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **20 points**
- C) Zone C: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone B landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **10 points**
- D) Construction of rain garden(s) to Wisconsin DNR Manual specifications. **20 points**
- E) Removal of all other structures that do not meet the standard building setbacks, including water oriented structures. **20 points**
- F) Removal of impervious surfaces to at least half ordinance limits (SMO 5.52.A) **10 points**
- G) Removal of fill all placed in historic wetlands and guarantee of no future wetland fill recorded on deed **10 points**
- H) Re-vegetate bluff or steep slopes* and provide screening of structures from the lake. **10 points**
- I) Diversion of all water runoff from impervious surfaces away from the lake into retention ponds, subsurface drains, wetlands, etc. with no outlet to the lake or tributary **10 points**
- J) Existing conditions may apply on the property that warrant credit **To be determined by P&Z**

Final Score = Pre-mitigation Lot Score (Line 5) 141 + Mitigation Totals (Lines A-I) -0- = 141

*Note: Plant materials for vegetative buffers shall be native to northern Minnesota. For every 5,000 square feet of buffer area, there shall be a minimum of four types of trees, six types of shrubs, seven forbs, and three grasses planted to achieve a one plant per square foot minimum coverage. Survival of all plants must be guaranteed for a minimum of 5 years

Board of Adjustment Chairperson

Applicant

Neil + Nancy Steff

EROSION CONTROL PLAN CHECKLIST

Check the box if completed (leave empty if not applicable).

All items checked must be included on the site diagram.

Site Characteristics

- ☒ North arrow, scale, and site boundary. Indicate and name adjacent streets or roadways.
- ☒ Location of existing drainageways, streams, rivers, lakes, wetlands or wells.
- ☐ Location of storm sewer inlets.
- ☒ Location of existing and proposed buildings and paved areas.
- ☒ The disturbed area on the lot.
- ☐ Approximate gradient and direction of slopes before grading operations.
- ☐ Approximate gradient and direction of slopes after grading operations.
- ☐ Overland runoff (sheet flow) coming onto the site from adjacent areas.

Erosion Control Practices

- ☐ Location of temporary soil storage piles.
Note: Soil storage piles should be placed behind a sediment fence, a 10 foot wide vegetative strip, or should be covered with a tarp or more than 25 feet from any downslope road or drainageway.
- ☐ Location of access drive(s) (driveways, turnarounds, approaches, etc.)
- ☐ Location of sediment controls (filter fabric fence, straw bale fence or 10-foot wide vegetative strip) that will prevent eroded soil from leaving the site.
- ☐ Location of sediment barriers around on-site storm sewer inlets.
- ☐ Location of diversions.
Note: Although not specifically required by code, it is recommended that concentrated flow (drainageways) be diverted (re-directed) around disturbed areas. Overland runoff (sheet flow) from adjacent areas greater than 10,000 sq. ft. should also be diverted around disturbed areas.
- ☐ Location of practices that will be applied to control erosion on steep slopes (greater than 12% grade).
Note: Such practices include maintaining existing vegetation, placement of additional sediment fences, diversions, and re-vegetation by sodding or seeding with use of erosion control mats.
- ☐ Location of practices that will control erosion on areas of concentrated runoff flow.
Note: Unstabilized drainageways, ditches, diversions, and inlets should be protected from erosion through use of such practices as in-channel fabric or straw bale barriers, erosion control mats, staked sod, and rock rip-rap. When used, a given in-channel barrier should not receive drainage from more than two acres of unpaved area, or one acre of paved area. In-channel practices should not be installed in perennial streams (streams with year round flow).
- ☐ Location of other planned practices not already noted.

Check the box if completed (leave empty if not applicable).

All items checked must be included on the site diagram.

Management Strategies

- ☐ Temporary stabilization of disturbed areas.

Note: It is recommended that disturbed areas and soil piles left inactive for extended periods of time be stabilized by seeding (between April 1 and September 15), or by other cover, such as tarping or mulching.

- ☐ Permanent stabilization of site by re-vegetation or other means as soon as possible (lawn establishment).

• Indicate re-vegetation method: (Circle one of the following) Seed Sod
Other _____

• Expected date of permanent re-vegetation: within 10 days of Soil excavation

• Re-vegetation responsibility of: (Circle one of the following) completion
Builder Owner/Buyer

• Is temporary seeding or mulching planned if site is not seeded by
Sept. 15 or sodded by Nov. 15? (Circle one of the following) Yes No

- ☐ Use of downspout and/or sump pump outlet extensions.

Note: It is recommended that flow from downspouts and sump pump outlets be routed through plastic drainage pipe to stable areas such as established sod or pavement.

- ☐ Trapping sediment during de-watering operations.

Note: Sediment-laden discharge water from pumping operations should be ponded behind a sediment barrier until most of the sediment settles out.

- ☒ Proper disposal of building material waste so that pollutants and debris are not carried off-site by wind or water.

- ☐ Maintenance of erosion control practices.

• Sediment will be removed from behind sediment fences and barriers before it reaches a depth that is equal to half the height of the barrier.

• Breaks and gaps in sediment fences and barriers will be repaired immediately. Decomposing straw bales will be replaced (typical bale life is three months).

• All sediment that moves off-site due to construction activity will be cleaned up before the end of the same workday.

• All sediment that moves off-site due to storm events will be cleaned up before the end of the next workday.

• Access drives will be maintained throughout construction.

• All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.

PART VII: STANDARD EROSION CONTROL PLAN

According to Aitkin County's Shoreland Management Ordinance, soil erosion control information needs to be included on the site plan which is submitted and approved prior to the issuance of zoning permits. The Standard Erosion Control Plan is provided to assist in meeting this requirement.

Instructions:

1. Complete this plan by filling in requested information, completing the site diagram and marking appropriate boxes on the inside of this form.
2. In completing the site diagram, give consideration to potential erosion that may occur before, during and after grading. Water runoff patterns can change significantly as a site is reshaped.
3. A cross section sheet is required for walkout basements and excavations into hillsides for determining volume of fill to be excavated.

Project Location Lot 13 Farm Island Beach, 43676 273rd Lane, A.Tk.in

Builder Greg Rowe Owner Neil + Nancy Steffl

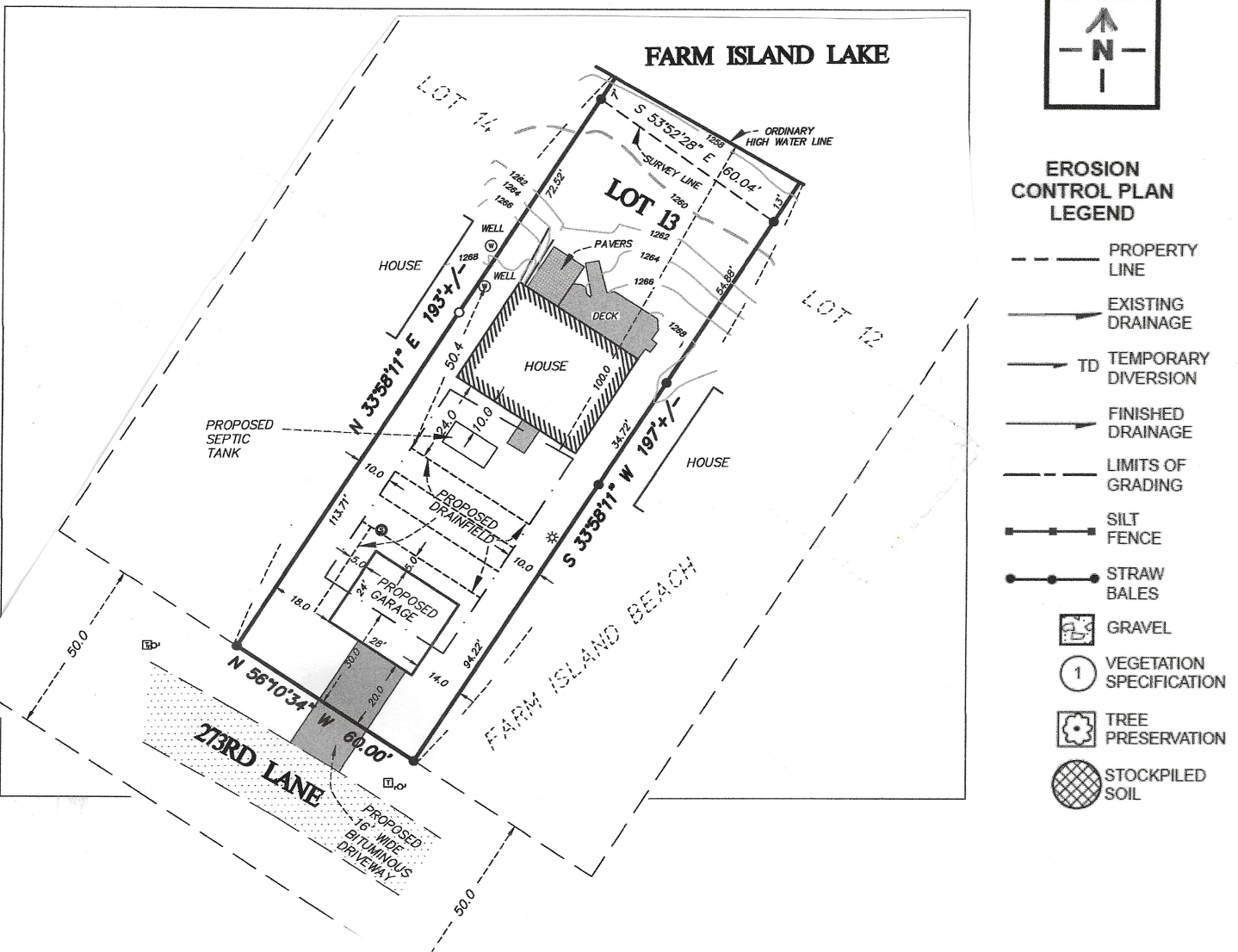
Worksheet Completed By Neil Steffi Date 8/30/25

Amount of earthen material to be excavated and/or used for fill 50 cubic yards.

SITE DIAGRAM.

Scale 1 inch = 48 feet

Please indicate north by completing the arrow.



246684

AS Doc. No.

Countess

MAY 20 '87 9A M

COUNTY RECORDER
AITKIN COUNTY, MINNESOTA
FILED

RECORDED
TRACT INDEX
GRANTOR
GRANTEE
COMPARED

together with all hereditaments and appurtenances belonging thereto.

STATE OF MINNESOTA

COUNTY OF Aitkin

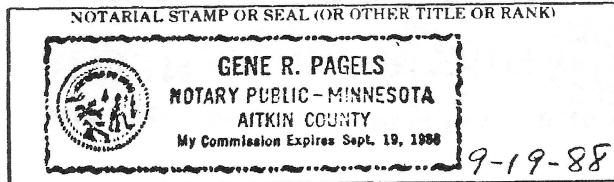
HENNERIN

ss.

Paula J. Wilda, Personal Representative of Estate of Mary Ellen Hess
Paula J. Wilda, Personal Representative
of the Estate of Mary Ellen Hess

The foregoing instrument was acknowledged before me this 15th day of May, 1987,
by Paula J. Wilda

, as Personal
Representative of the Estate of Mary Ellen Hess, Decedent.



Gene R. Pagels
SIGNATURE OF NOTARY PUBLIC OR OTHER OFFICIAL

_____, SPOUSE OF DECEDENT, CONSENTS TO THIS DEED.
Name of Spouse

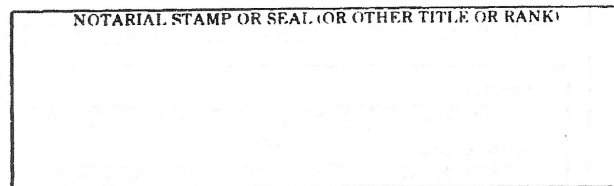
STATE OF MINNESOTA

COUNTY OF _____

ss.

Signature of Spouse

The foregoing instrument was acknowledged before me this _____ day of _____, 19____, by _____, spouse of _____, Decedent.



SIGNATURE OF NOTARY PUBLIC OR OTHER OFFICIAL

THIS INSTRUMENT WAS DRAFTED BY:

ROSENTHAL, RONDONI & MacMILLAN, LTD.
7600 Bass Lake Road, Suite 120
Minneapolis, Minnesota 55428

Statements for real estate taxes on the real property described herein should be sent to:

Neil G. Steffl et al.
7325 Drew Avenue North
Minneapolis, Minnesota 55443

Individual Personal Representative to Joint Tenants

No delinquent taxes; certificate of real estate value received; and transfer entered

on May 20, 19 87Helena C. Dotzler
County Auditorby Elaine Hallbeck
DeputySTATE DEED TAX DUE HEREON: \$91.30Date: May, 19 87RECORDS OF DEEDS
STATE OF MINNESOTA
COUNTY OF AITKIN

246684

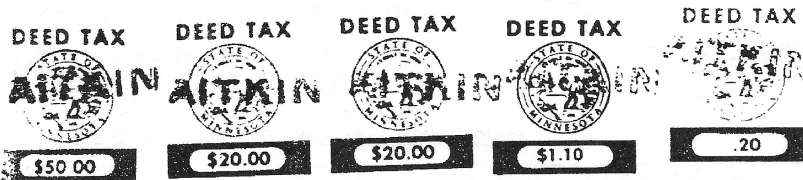
10626FILED MAY 20 1987 AT 9A M.

Everett Davies, County Recorder

(reserved for recording data)

FOR VALUABLE CONSIDERATION, Paula J. Wilda, Grantor,
 as Personal Representative of the Estate of Mary Ellen Hess
 Decedent, single ☒, married ☐ at the time of death, hereby conveys to Neil G. Steffl and
Nancy K. Steffl, husband and wife, Grantees, as joint tenants,
 real property in Aitkin County, Minnesota, described as follows:

Lot thirteen (13) Farm Island Beach



Property Location

Property:	Property Location								Property Attributes	
	Parcel Number	Property Address	Township or City Name	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section-Township-Range	Lake Class	Lake Name
	07-1-126000	43911 291st Ln AITKIN, MN 56431	FARM ISLAND TWP	JELSING, DOYLE W AND VICKI J	JELSING, DOYLE W AND VICKI J	LOT 39	POINT OF VIEW	S:29 T:46 R:27	RD	FARM ISLAND LAKE
Driving directions to the proposed project from Aitkin:	South on 169 12 miles right on Pioneer Ave County 28, 3 miles left on 442nd. 1.5 miles left on 291st, last home on the point									
Is the above parcel located in the Shoreland Zoning District?	<u>Yes</u>									

Detailed Narrative

<p>Enter a Detailed Narrative (If you have a prepared narrative please state "See attached" and attach the document below):</p>	<p><10 X <15 Breezeway between the garage and house</p> <p>Hardship:</p> <p>Home is on the point. Wind in three directions causes drifting across the entry steps.</p> <p>We would like to attach the garage to home via a breezeway. Doyle has neuropathy with balance issues and Vicki has severe osteoporosis so we want to avoid falling at our age.</p> <p>We have modified the interior of our home with walkin shower, handicapp bathroom doors, and new flooring. This continues the improvements to allow aging in place.</p>
<p>Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:</p>	<p>modification of the home not meeting the lake setback requirements</p>
<p>Are you requesting a variance to a road right-of-way setback in one of these Townships? Fleming, Glen, Lakeside, Pliny, Shamrock, Wagner</p>	<p><u>No</u></p>

Supplemental Data

<p>Attach completed form here:</p>	<p>File 1:  Supplement.pdf</p>
------------------------------------	---

A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<u>Location and dimensions of all existing and proposed structures/additions.</u> <u>Indicate all setback distances for items listed above: ordinary high water level of lakes or rivers, lot lines, road right-of-ways, etc.</u>
Attach a Scaled Drawing or Survey:	<div style="border: 1px dashed black; padding: 5px;"> File 1: 📄 Breezeway_site_plan.pdf </div>

Side Profile Sketch of the Structure

Attach a side profile sketch of your proposed structure or addition here (if applicable):	<div style="border: 1px dashed black; padding: 10px;">  <p>File 1: Br.jpg</p> </div>
---	--

Certificate of Septic Compliance

Please attach a copy of one of the following: - A current compliance inspection on the existing septic system. - A design for a new/replacement septic system.	<div style="border: 1px dashed black; padding: 5px;"> File 1: 📄 septic_compliance.pdf </div>
--	--

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1:  [shoreland.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1:  [errosion.pdf](#)

Property Deed

Attach the property deed(s):

File 1:  [Deed.pdf](#)

Terms**General Terms**

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #64109 (09/02/2025) Expected Payment Method: Check to be mailed

Charge	Cost	Quantity	Total
Recording Fee added 09/01/2025 10:05 PM \$46 Flat Fee	\$46.00	x 1	\$46.00
Variance added 09/01/2025 10:05 PM \$650 Flat Fee	\$650.00	x 1	\$650.00
Grand Total			
Total			\$696.00
Payment 09/02/2025			\$696.00
Due			\$0.00

Results ([Go to top](#))

Signature accepted

Failed to send [Variance Ready for Action](#) notification to:**Approvals**

Approval	Signature
Applicant	Doyle Jelsing - 09/03/2025 10:58 AM 6df57aa3e529c8ffc7e8cb5e5c378db7 e71f0df81f4da6c4a314dfa970591ad3
#1 Administrative Review	Kim Burton - 09/03/2025 2:01 PM e3f99f3b8ac766ace84fa7fb48158b0a aa07e5408d5f942149565f3e148f44bc
#2 Board of Adjustment Approval	

Public Notes

Text:	<div></div>
File(s):	<div></div>

Admin Checklist

This review has been started by:	Kim Burton ▼
Zoning District of project location:	Shoreland ▼
Project located in the floodplain?	No ▼
Is the parcel a Lot of Record before 1-21-92 or have alternate sites been identified?	Yes ▼
Is this an after-the-fact application?	No ▼

Numbers

	Current Number	Next from Sequence
UID #	215177	<i>not applicable</i>
App. #	<input type="text" value="2025-000785"/>	<input type="button" value="««"/> 2025-000792
Permit #	<input type="text"/>	<input type="button" value="««"/> 2025-0642

[Print View](#)

PART I: SUPPLEMENTAL DATA TO VARIANCE APPLICATION

Aitkin County Environmental Services
307 Second St. NW, Room 219, Aitkin, MN 56431
Phone: 218.927.7342 Fax: 218.927.4372
www.co.aitkin.mn.us

Note: Place an "X" by each item below that applies to your variance request. Then, fill out **only** the applicable following section(s) that apply, as directed. **If a section does not apply to your request, leave it blank.**

What is the reason(s) for applying for the variance? Place an "X" by each applicable item.

- ☐ Setback issues for a proposed new structure: **Complete Section 1**
- ☐ Setback issues for an alteration to an existing nonconforming structure: **Complete Section 2**
- ☐ Setback issues for a septic system: **Complete Section 3**
- ☐ Land alteration: **Complete Section 4**
- ☐ Creating a lot not in conformance with the minimum Ordinance standards: **Complete Section 5**
- ☐ Other: attach separate sheet explaining variance request

Section 1 – New Structure(s)

Check all that apply and fill in requested information:

Existing

- | | |
|--|--|
| <input type="checkbox"/> Basement | <input type="checkbox"/> One Story Level |
| <input type="checkbox"/> Crawlspace | <input type="checkbox"/> Story-and-a-Half Level |
| <input type="checkbox"/> Walk-out Basement | <input type="checkbox"/> 2 nd Story Level |

Proposed # of Bedrooms _____ Proposed Structure Height _____ ft.

Existing Total Building Coverage _____% Proposed Total Building Coverage _____%

Existing Total Impervious Surface Coverage _____% Proposed Total Impervious Surface Coverage _____%

"Building Coverage" means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to's, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

"Impervious surface coverage" means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

12 x 18 shed - 252 sq-ft

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance. * Setbacks are measured to the nearest point on a structure which can be the eave overhang or an attached deck/platform.

Proposed Structure Type (indicate with or without living quarters)

☒ Ordinary High Water Level (OHWL) 22333
☐ Property Line
☐ Road Right-of way ___ Twp ___ Co. ___ State
☐ Bluff
☐ Other: _____

Proposed Setback 25 ft.
Proposed Setback _____ ft.
Proposed Setback _____ ft.
Proposed Setback _____ ft.
Proposed Setback _____ ft.

Section 2 – Alteration(s) to Existing Nonconforming Structure(s)

Check all that apply and fill in requested information:

Existing Structure

☐ Basement
☐ Crawlspace
☐ Walk-out Basement
☐ One Story Level
☐ Story-and-a-Half Level
☒ 2nd Story Level

Existing Structure Height 24 ft.

Existing # of Bedrooms 3

Existing Building Coverage 4.5%

Existing Total Impervious Surface Coverage 10.7%

Proposed Addition(s)

☐ Basement
☐ Crawlspace
☐ Walk-out Basement
☐ One Story Level
☐ Story-and-a-Half Level

☒ ~~2nd Story Level~~ Brezeway

Proposed Addition(s) Height 24 ft.

Final # of bedrooms after remodel 3

Proposed Building Coverage 4.5%

Proposed Total Impervious Surface Coverage 20%

Form does not
address Brezeway's

No
change

"Building Coverage" means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to's, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

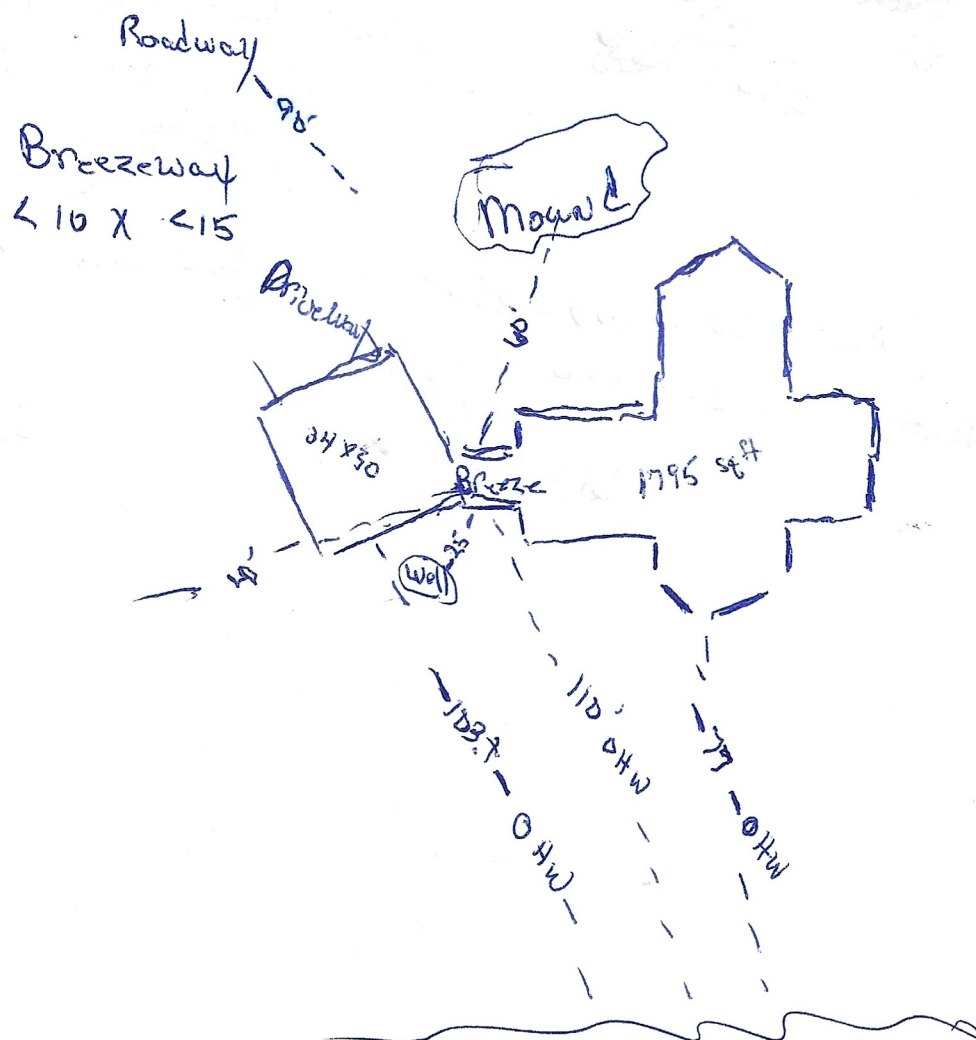
"Impervious surface coverage" means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

150 sq ft 210 x 215



Map data ©2025, Map data ©2025 Google 10 ft



Shed
14' x 18'



Septic System Compliance Inspection – Existing System

Date: 7/27/2023

Property Owner: Barb and Dave Netz

Ordered By: Kay Hill - Realtor

Address: 43911 291st Lane Aitkin MN 56431

Property ID#: 07-1-126000

Inspector: Raini Kohl

A compliance inspection was performed at the above location. Soil evaluation was conducted to determine the level of seasonal saturated soil. The Soil Treatment Area (Drain field) was also inspected to ensure there was no ponding or leaking. The septic tank was pumped and inspected. This onsite system was found to be **Compliant**.

- **Impact On Public Health:**
System is Compliant
- **Tank Integrity:**
Tank(s) are compliant
- **Other Compliance Conditions:**
None
- **Soil Separation**
Soils are compliant
- **Operating Permit and Nitrogen BMP**
NA

I have included a copy of the compliance documents for your record. I have also sent a copy to Aitkin County for their records. If you have any questions, please do not hesitate to give us a call.

Thanks!

Tim Woodrow
Owner

218-927-6175

218-927-6175

1037 1st St. NW Aitkin, MN 56431

WWW.TIMBERLAKESSEPTIC.COM

AITKIN COUNTY SHORELAND PERFORMANCE

(Structure Placement Guidance)

A property should obtain a score of 100 or more to meet performance standard requirements. A conforming lot is assigned a score of 100. A lot is deemed conforming when the structure meets the required setbacks to the protected water as specified in the Aitkin County Shoreland Management Ordinance (SMO). A structure that fails to meet this definition is considered non-conforming.

To determine the level of non-conformance and score (See Reference Table):

- 1) Determine the DNR classification of the protected water on the lot (SMO-4.13 & 4.14) 1: Recreational
- 2) Determine the required "Structure Setback" to that classification of water (SMO 5.2) 2: 100
- 3) Determine the "Actual Setback" of the structure by measuring the closest part of the structure to the protected water, bluff, right-of-way, property line, etc. for which a variance is sought 3: 77
- 4) Enter the corresponding 'Score Multiplier' 4: 1.00
- 5) Pre-mitigation 'Lot Score': Determine the percentage of the encroachment as it relates to the standard setback by multiplying the Actual Setback with the 'Score Multiplier' (Note: round to the nearest whole number) 5: 77

Reference Table: Performance Multipliers for structures, septic, bluff, and sidelots in Aitkin County.

Protected Waters Type (DNR Classification; SMO 4.13-4.14)	Required Structure Setback	Score Multiplier Structures	Required Septic Setback	Score Multiplier Septic	Score Multiplier Bluff (30' setback)	Score Multiplier Sidelot (10' setback)
General Development Lake	75'	1.333	75'	1.333	3.33	10.000
<u>Recreational Development Lake</u>	100'	1.000	75'	1.333		
Natural Environment Lake	150'	0.667	150'	0.667		
Mississippi River	150'	0.667	125'	0.800		
Tributary Stream	100'	1.000	75'	1.333		
Forested Stream	150'	0.667	100'	1.000		
Remote Stream	200'	0.500	150'	0.667		

Mitigation: To bring a non-conforming structure to a score of 100 the landowner conducts and maintains one or more of the below listed mitigating activities:

- A) Zone A(1): Plant and/or maintain a 12.5' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **15 points**
- Zone A(2): Plant and/or maintain a 25' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **30 points**
- B) Zone B: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone A landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **20 points**
- C) Zone C: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone B landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **10 points**
- D) Construction of rain garden(s) to Wisconsin DNR Manual specifications **20 points**
- E) Removal of all other structures that do not meet the standard building setbacks, including water oriented structures **20 points**
- F) Removal of impervious surfaces to at least half ordinance limits (SMO 5.52.A) **10 points**
- G) Removal of fill all placed in historic wetlands and guarantee of no future wetland fill recorded on deed **10 points**
- H) Re-vegetate bluff or steep slopes* and provide screening of structures from the lake. **10 points**
- I) Diversion of all water runoff from impervious surfaces away from the lake into retention ponds, subsurface drains, wetlands, etc. with no outlet to the lake or tributary **10 points**
- J) Existing conditions may apply on the property that warrant credit *To be determined by P&Z*

Final Score = Pre-mitigation Lot Score (Line 5) 77 + Mitigation Totals (Lines A-I) 30 = 107

*Note: Plant materials for vegetative buffers shall be native to northern Minnesota. For every 5,000 square feet of buffer area, there shall be a minimum of four types of trees, six types of shrubs, seven forbs, and three grasses planted to achieve a one plant per square foot minimum coverage. Survival of all plants must be guaranteed for a minimum of 5 years

Board of Adjustment Chairperson


Applicant

PART VII: STANDARD EROSION CONTROL PLAN

According to Aitkin County's Shoreland Management Ordinance, soil erosion control information needs to be included on the site plan which is submitted and approved prior to the issuance of zoning permits. The Standard Erosion Control Plan is provided to assist in meeting this requirement.

Instructions:

1. Complete this plan by filling in requested information, completing the site diagram and marking appropriate boxes on the inside of this form.
2. In completing the site diagram, give consideration to potential erosion that may occur before, during and after grading. Water runoff patterns can change significantly as a site is reshaped.
3. A cross section sheet is required for walkout basements and excavations into hillsides for determining volume of fill to be excavated.

Project Location 43911 291st LN

Builder _____ Owner Doyle Jelsing

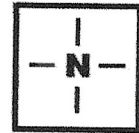
Worksheet Completed By Doyle Jelsing Date 9-2-25

Amount of earthen material to be excavated and/or used for fill None cubic yards.

SITE DIAGRAM

Scale 1 inch = _____ feet

Please indicate north by completing the arrow.



Project does not require
Erosion control practices

EROSION CONTROL PLAN LEGEND

- PROPERTY LINE
- EXISTING DRAINAGE
- TD TEMPORARY DIVERSION
- FINISHED DRAINAGE
- LIMITS OF GRADING
- SILT FENCE
- STRAW BALES
- GRAVEL
- VEGETATION SPECIFICATION
- TREE PRESERVATION
- STOCKPILED SOIL

(Top 3 inches reserved for recording data)

**TRUSTEE'S DEED
by Individual Trustee**

**Minnesota Uniform Conveyancing Blanks
Form 10.4.1 (2016)**

e-CRV No.: _____

DEED TAX DUE: \$3,531.00

DATE: _____

12-4-23

FOR VALUABLE CONSIDERATION, Barbara Kay Netz as Trustee of the David Edward Netz and Barbara Kay Netz Joint Revocable Trust Agreement ("**Grantor**") hereby conveys and quitclaims to Doyle Wayne Jelsing and Vicki Jean Jelsing ("**Grantee**"), as

(Check only one box)

- ☐ tenants in common,
☐ joint tenants,

(if more than one Grantee is named above and either no box is checked or both boxes are checked, this conveyance is made to the named Grantees as tenants in common.)

real property in Aitkin County, Minnesota, legally described as follows:

Legal description attached hereto and made a part hereof marked Exhibit "A"

Check here if all or part of the described real property is Registered (Torrens) ☐

together with all hereditaments and appurtenances belonging thereto.

Check applicable box:

- ☐ The Seller certifies that the Seller does not know of any wells on the described real property.
- ☒ A well disclosure certificate accompanies this document or has been electronically filed. (If electronically filed, insert WDC number: _____).
- ☐ I am familiar with the property described in this instrument and I certify that the status and number of wells on the described real property have not changed since the last previously filed well disclosure certificate.

Grantor

The David Edward Netz and Barbara Kay Netz Joint Revocable Trust Agreement

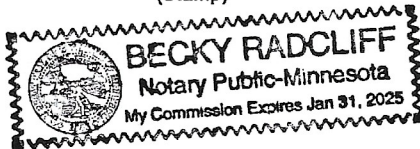
BY:

Barbara Kay Netz
Barbara Kay Netz
Trustee

State of Minnesota, County of Cass

This instrument was acknowledged before me on 12-4-23, by Barbara Kay Netz, as Trustee(s) of the David Edward Netz and Barbara Kay Netz Joint Revocable Trust Agreement.

(Stamp)



(signature of notarial officer)

Title (and Rank): Notary PublicMy commission expires: 12-21

(month/day/year)

THIS INSTRUMENT WAS DRAFTED BY:
Edina Realty Title, Inc.
6800 France Ave S, Suite 200
Edina, MN 55435

TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED
IN THIS INSTRUMENT SHOULD BE SENT TO:

Doyle Wayne Jelsing and Vicki Jean Jelsing

43911 291st Lane
Atkin, MN 56431

EXHIBIT "A"


Lots 39 and 40 of Block 1 of "Point of View" according to the filed plat thereof, subject to easements and mineral reservation of record; and reserving and hereby dedicating to the public an easement for roadway purposes (turning of automobile traffic and road maintenance equipment) over and across that part of Lot 39 of Block 1 according to the Certificate of Correction of Point of View, lying within the circumference of a 50 foot radius circle whose radius point is located South 43 degrees 05 minutes 58 second West 50 feet from an iron monument at the intersection of the North right of way line of Point Lane and the West line of Lot 40 of said Certificate of Correction of Point of View, Aitkin County, Minnesota.



Property Location

Property:	Property Location								Property Attributes	
	Parcel Number	Property Address	Township or City Name	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section-Township-Range	Lake Class	Lake Name
	29-1-140800	20568 498th Ln MCGREGOR, MN 55760	SHAMROCK TWP	NIESEN, BRANDON COLE & LORI LYNN	NIESEN, BRANDON COLE & LORI LYNN	LOT 75	REITERS ORIGINAL PLAT ON SANDY LAKE	S:17 T:49 R:23	GD	BIG SANDY LAKE
Driving directions to the proposed project from Aitkin:	From Aitkin County Courthouse, Drive 8.1 Miles North on 169, Turn Right onto MN-210, Drive 14 miles, Turn Left onto MN-65, Drive 7.1 Miles, Turn Right onto Lake Ave, Drive 2.1 miles, Turn Left onto 202nd Pl, Drive .8 miles, Turn Left onto 498th Ln, Drive .3 miles, Turn Right, Arrive at 20568 489th Ln, McGregor.									
Is the above parcel located in the Shoreland Zoning District?	<u>Yes</u>									

Detailed Narrative

<p>Enter a Detailed Narrative (If you have a prepared narrative please state "See attached" and attach the document below):</p>	<p>We purchased this property in 2022 with an existing patio. The previous owners did not pull a permit to build & we were completely unaware of this situation. We would like to be allowed to keep this patio as it extends our small living space as we are only a 3 season cabin owner. We are asking for a variance to maintain our existing patio.</p>
<p>Attach prepared narrative here:</p>	<div data-bbox="489 407 1486 857" style="border: 1px dashed black; padding: 10px;">  <p>File 1: Cabin_Image_1.jpg</p> </div>
<p>Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:</p>	<p>Per Section 3.11</p>
<p>Are you requesting a variance to a township road right-of-way setback and located in one of these Townships? Fleming, Glen, Lakeside, Pliny, Shamrock, Wagner</p>	<p><u>No</u></p>

Supplemental Data

Attach completed form here:	File 1: Supplemental_Data_Form_Cabin.pdf
-----------------------------	--

A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<u>Location and dimensions for all lot lines.</u> <u>Location and dimensions of all existing and proposed structures/additions.</u> <u>Location and depth of all existing and proposed wells within 100 feet of the property.</u> <u>Location and dimensions of all existing and proposed septic system components (septic tank, septic drainfield).</u> <u>Location and dimensions of all existing and proposed driveways, road right-of-ways, and easements.</u> <u>If topography is unusual, show elevations and location of bluffs, steep slopes, wetlands, etc.</u> <u>Indicate all setback distances for items listed above: ordinary high water level of lakes or rivers, lot lines, road right-of-ways, etc.</u>
Attach a Scaled Drawing or Survey:	File 1: Scaled_Drawing_of_Property.pdf

Certificate of Septic Compliance

Attach a copy of one of the following, if applicable: - A current compliance inspection on an existing septic system. - A design for a new/replacement septic system.	File 1: AITKIN_COUNTY_-_PZ-PERMITS_-_29-1-140800.pdf
---	--

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1:  [Shoreland_Performance_Worksheet.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1:  [Standard_Erosion_Control_Plan_Cabin.pdf](#)

Property Deed

Attach the property deed:

File 1:  [Property_Deed_Cabin.pdf](#)

Other

Attach "Other" information (if necessary):

File 1:  [Letter.pdf](#)

Terms

General Terms

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #63781 (09/04/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 09/04/2025 5:03 PM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 09/04/2025 5:03 PM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			
Total			\$696.00
Payment 09/04/2025			\$696.00
Due			\$0.00

Results ([Go to top](#))

Signature accepted

Failed to send [Variance Ready for Action](#) notification to:**Approvals**

Approval	Signature
----------	-----------

Applicant	brandon C. Niesen - 09/04/2025 5:14 PM 7a99670e0782db3bba49b5548db7e1d5 6c5aa7be506ef380ad32b1ba4eb9adc7
#1 Administrative Review	Kim Burton - 09/09/2025 9:19 AM 1caf7d6128d6ba7b6ecb5e8db673cc7b 6320a607ddf748923b24357e4a14f2aa
#2 Board of Adjustment Approval	

Public Notes

Text:	<div></div>
File(s):	<div></div>

Admin Checklist

This review has been started by:	Kim Burton ▼
Zoning District of project location:	Shoreland ▼
Project located in the floodplain?	No ▼

Is the parcel a Lot of Record before 1-21-92 or have alternate sites been identified?	<div>Yes</div>
Is this an after-the-fact application?	<div>Yes</div>

Numbers

	Current Number	Next from Sequence
UID #	214806	<i>not applicable</i>
App. #	<div>2025-000798</div>	<div>««</div> 2025-000811
Permit #	<div></div>	<div>««</div> 2025-0661

[Print View](#)

PART I: SUPPLEMENTAL DATA TO VARIANCE APPLICATION

Aitkin County Environmental Services

307 Second St. NW, Room 219, Aitkin, MN 56431

Phone: 218.927.7342 Fax: 218.927.4372

www.co.aitkin.mn.us

Note: Place an "X" by each item below that applies to your variance request. Then, fill out **only** the applicable following section(s) that apply, as directed. **If a section does not apply to your request, leave it blank.**

What is the reason(s) for applying for the variance? Place an "X" by each applicable item.

- ☒ Setback issues for a proposed new structure: **Complete Section 1**
- ☐ Setback issues for an alteration to an existing nonconforming structure: **Complete Section 2**
- ☐ Setback issues for a septic system: **Complete Section 3**
- ☐ Land alteration: **Complete Section 4**
- ☐ Creating a lot not in conformance with the minimum Ordinance standards: **Complete Section 5**
- ☐ Other: attach separate sheet explaining variance request

Section 1 – New Structure(s)

Check all that apply and fill in requested information:

- | | |
|--|--|
| <input type="checkbox"/> Basement | <input type="checkbox"/> One Story Level |
| <input type="checkbox"/> Crawlspace | <input type="checkbox"/> Story-and-a-Half Level |
| <input type="checkbox"/> Walk-out Basement | <input type="checkbox"/> 2 nd Story Level |
- Proposed # of Bedrooms _____ Proposed Structure Height _____ ft.
- Existing Total Building Coverage _____% Proposed Total Building Coverage _____%
- Existing Total Impervious Surface Coverage _____% Proposed Total Impervious Surface Coverage _____%

"Building Coverage" means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to's, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

"Impervious surface coverage" means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

Existing Patio Dimensions are 10' x 20' = 220 sq. ft.

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance. * Setbacks are measured to the nearest point on a structure which can be the eave overhang or an attached deck/platform.

Proposed Structure Type (indicate with or without living quarters) Patio w/o living quarters.

<input type="checkbox"/> Ordinary High Water Level (OHWL)	Proposed Setback <input type="text"/> ft.
<input type="checkbox"/> Property Line	Proposed Setback <input type="text"/> ft.
<input type="checkbox"/> Road Right-of way <input type="text"/> Twp <input type="text"/> Co. <input type="text"/> State	Proposed Setback <input type="text"/> ft.
<input type="checkbox"/> Bluff	Proposed Setback <input type="text"/> ft.
<input type="checkbox"/> Other: <input type="text"/>	Proposed Setback <input type="text"/> ft.

Section 2 – Alteration(s) to Existing Nonconforming Structure(s)

Check all that apply and fill in requested information:

Existing Structure

☐ Basement
☐ Crawlspace
☐ Walk-out Basement
☐ One Story Level
☐ Story-and-a-Half Level
☐ 2nd Story Level

Proposed Addition(s)

☐ Basement
☐ Crawlspace
☐ Walk-out Basement
☐ One Story Level
☐ Story-and-a-Half Level
☐ 2nd Story Level

Existing Structure Height ft.

Proposed Addition(s) Height ft.

Existing # of Bedrooms

Final # of bedrooms after remodel

Existing Building Coverage %

Proposed Building Coverage %

Existing Total Impervious Surface Coverage %

Proposed Total Impervious Surface Coverage %

"Building Coverage" means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to's, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

"Impervious surface coverage" means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance. * Setbacks are measured to the nearest point on a structure which can be the eave overhang or an attached deck/platform.

Proposed Alteration Type _____

_____ Ordinary High Water Level (OHWL)	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Property Line	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Road Right-of way __ Twp __ Co. __ State	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Bluff	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Other: _____	Existing Setback _____ ft.	Proposed Setback _____ ft.

Section 3 – Septic System

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance.

_____ Ordinary High Water Level (OHWL)	Proposed Setback _____ ft.
_____ Property Line	Proposed Setback _____ ft.
_____ Road Right-of way __ Twp __ Co. __ State	Proposed Setback _____ ft.
_____ Bluff	Proposed Setback _____ ft.
_____ Other: _____	Proposed Setback _____ ft.

Section 4 – Land Alteration

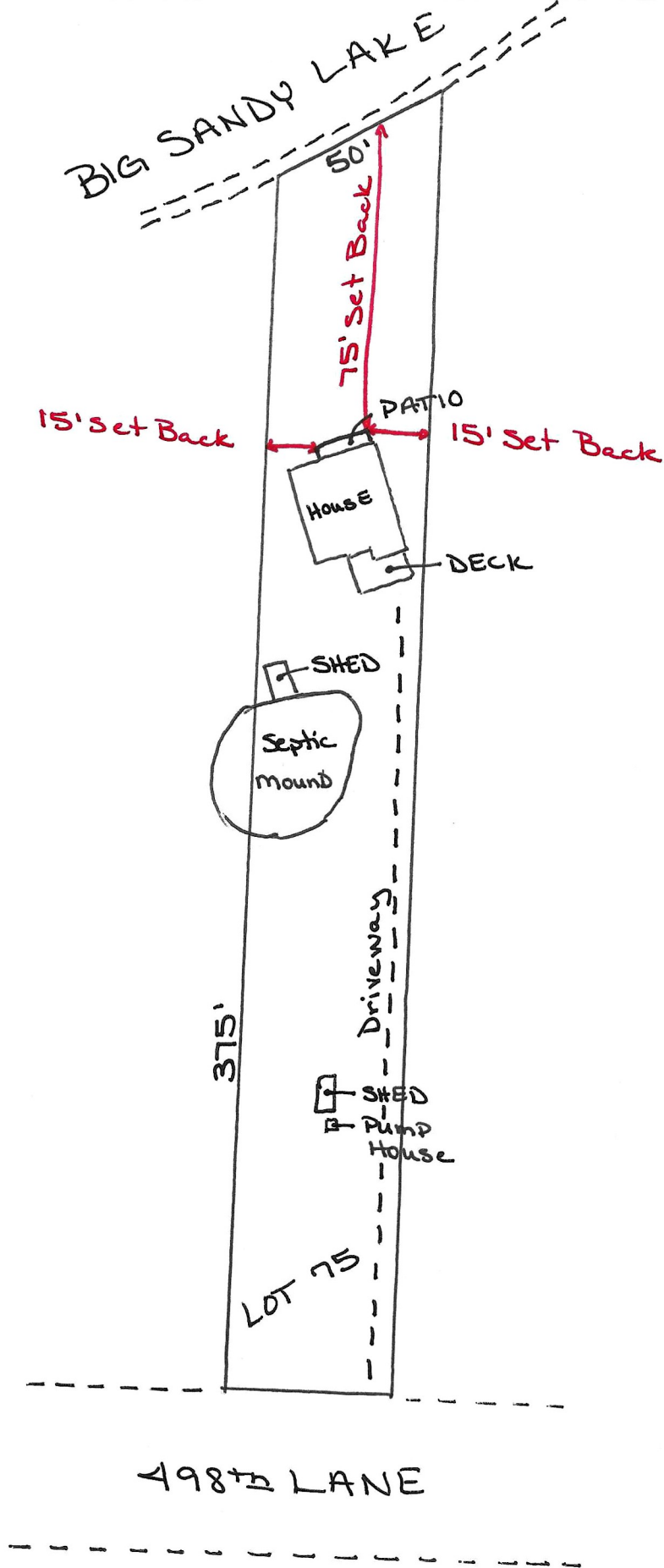
What is your land alteration? Check all categories that apply and indicate the total amount of excavation or placement of fill.

_____ More than 10 cubic yards on steep slopes and shore and bluff impact zones.	Total Cubic Yds. _____
_____ Other: _____	Total Cubic Yds. _____

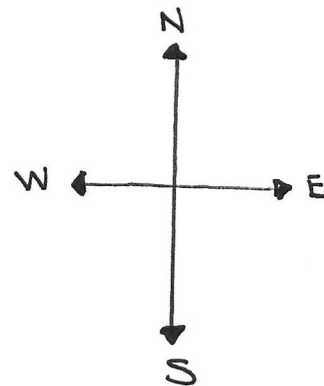
Section 5 – Creating Nonconforming Lot(s)

Check the item(s) from which you are requesting a variance and fill in the proposed dimensions.

_____ Property Width	Proposed Property Width _____
_____ Property Area	Proposed Property Area _____
_____ (2) Standard Septic Sites	
_____ Legal Access	



SCALE
1" = 50'



Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 29-1-140800 Reason for inspection App. for permit
Local regulatory authority info: Aitkin county planning and zoning Phone# 218-927-7342
Property address: 20568 498th Ln., M McGregor, Mn. 55760
Owner/representative: Lori And Brandon Neisen Owner's phone: 320-291-9419
Brief system description: 1350 gallon combo tank that pumps up into a mound.

System status

System status on date (mm/dd/yyyy): 8/26/2025

☒ **Compliant – Certificate of compliance***

(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

☐ **Noncompliant – Notice of noncompliance**

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- ☐ Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- ☐ Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- ☐ Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- ☐ Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- ☐ System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- ☐ Soil separation (Compliance component #5) – *Failing to protect groundwater*
- ☐ Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

Comments or recommendations

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: Farley sewer systems

Certification number: C-4744

Inspector signature: Jarold R. Farley

License number: L-1919

(This document has been electronically signed)

Phone: 218-839-4737

Necessary or locally required supporting documentation **(must be attached)**

- ☒ Soil observation logs
- ☒ System/As-Built
- ☐ Locally required forms
- ☐ Tank Integrity Assessment
- ☐ Operating Permit
- ☐ Other information (list):

Property Address: 20568 498th. Ln., M McGregor, Mn. 55760

Business Name: Farley sewer systems

Date: 8/26/2025

1. Impact on public health – Compliance component #1 of 5

Compliance criteria:

System discharges sewage to the ground surface	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
--	--

System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
---	--

System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
---	--

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results:

Attached supporting documentation:

☐ Other: _____

☐ Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
--	--

Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
---	--

If yes, which sewage tank(s) leaks:	
-------------------------------------	--

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation:

☒ Empty tank(s) viewed by inspector

Name of maintenance business: Kangas Ent..

License number of maintenance business: L-2526

Date of maintenance: 8/26/2025

☐ Existing tank integrity assessment (Attach)

Date of maintenance (mm/dd/yyyy): _____ (must be within three years)

(See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))

☐ Tank is Noncompliant (pumping not necessary – explain below)

☐ Other: _____

Property Address: 20568 498th. Ln., M McGregor, Mn. 55760

Business Name: Farley sewer systems

Date: 8/26/2025

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

☐ Yes* ☒ No ☐ Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety? ☐ Yes* ☒ No ☐ Unknown

**Yes to 3a or 3b - System is an imminent threat to public health and safety.*

3c. System is non-protective of ground water for other conditions as determined by inspector?

☐ Yes* ☒ No

3d. System not abandoned in accordance with Minn. R. 7080.2500?

☐ Yes* ☒ No

**Yes to 3c or 3d - System is failing to protect groundwater.*

Describe verification methods and results:

Attached supporting documentation: ☐ Not applicable ☐

4. Operating permit and nitrogen BMP* – Compliance component #4 of 5 ☒ Not applicable

Is the system operated under an Operating Permit?

☐ Yes ☐ No If "yes", A below is required

Is the system required to employ a Nitrogen BMP specified in the system design? ☐ Yes ☐ No If "yes", B below is required

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria:

a. Have the operating permit requirements been met?

☐ Yes ☐ No

b. Is the required nitrogen BMP in place and properly functioning?

☐ Yes ☐ No

Any "no" answer indicates noncompliance.

Describe verification methods and results:

Attached supporting documentation: ☐ Operating permit (Attach) ☐

Property Address: 20568 498th Ln., M McGregor, Mn. 55760

Business Name: Farley sewer systems

Date: 8/26/2025

5. Soil separation – Compliance component #5 of 5

Date of installation 7/21/1981 ☐ Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? ☒ Yes ☐ No

Compliance criteria (select one):

5a. For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment: ☐ Yes ☐ No*

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

5b. Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment: ☒ Yes ☐ No*

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*

5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080.2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) ☐ Yes ☐ No*

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

***Any "no" answer above indicates the system is failing to protect groundwater.**

Describe verification methods and results:

Attached supporting documentation:

- ☒ Soil observation logs completed for the report
- ☐ Two previous verifications of required vertical separation
- ☐ Not applicable (No soil treatment area)
- ☐ _____

Indicate depths or elevations

A. Bottom of distribution media	102
B. Periodically saturated soil/bedrock	99
C. System separation	36"
D. Required compliance separation*	36"

*May be reduced up to 15 percent if allowed by Local Ordinance.

Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

FARLEY SEWER SYSTEMS

SEWER DESIGN & INSTALLATION

JAROLD R. FARLEY

P.O. Box 472
McGregor, MN 55760

Bus. Lic. No. L19
Reg. No. 47

218-839-4737

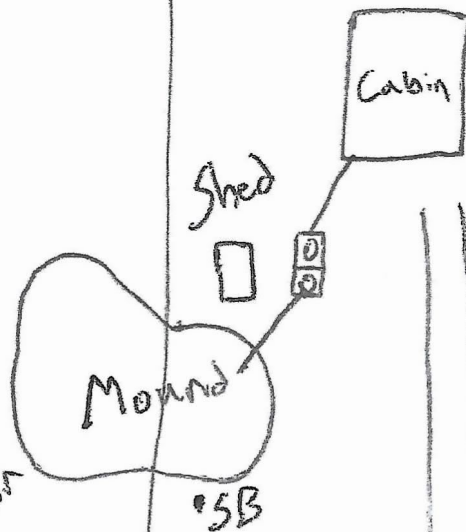
Big Sandy Lake

PID. 29-1-140800

20568 498th LN.

McGregor, MN. 55760

Shared
or split
with
Neighbor



Soil Boring Info:

SB1.
0-3" Topsoil 10yR3/2
3-14" Sandy Loam 10yR4/4
Mottles @ 14"

Well
X

drive way

AITKIN COUNTY SHORELAND PERFORMANCE

(Structure Placement Guidance)

A property should obtain a score of 100 or more to meet performance standard requirements. A conforming lot is assigned a score of 100. A lot is deemed conforming when the structure meets the required setbacks to the protected water as specified in the Aitkin County Shoreland Management Ordinance (SMO). A structure that fails to meet this definition is considered non-conforming.

To determine the level of non-conformance and score (See Reference Table):

- 1) Determine the DNR classification of the protected water on the lot (SMO-4.13 & 4.14) 1: G.D.L.
- 2) Determine the required "Structure Setback" to that classification of water (SMO 5.2) 2: 75'
- 3) Determine the "Actual Setback" of the structure by measuring the closest part of the structure to the protected water, bluff, right-of-way, property line, etc. for which a variance is sought 3: 85'
- 4) Enter the corresponding 'Score Multiplier' 4: 1.333
- 5) Pre-mitigation 'Lot Score': Determine the percentage of the encroachment as it relates to the standard setback by multiplying the Actual Setback with the 'Score Multiplier' (Note: round to the nearest whole number) 5: 113.305

Reference Table: Performance Multipliers for structures, septs, bluff, and sidelots in Aitkin County.

Protected Waters Type (DNR Classification; SMO 4.13-4.14)	Required Structure Setback	Score Multiplier Structures	Required Septic Setback	Score Multiplier Septic	Score Multiplier Bluff	Score Multiplier Sidelot
General Development Lake	75'	1.333	75'	1.333	(30' setback) 3.33	(10' setback) 10.000
Recreational Development Lake	100'	1.000	75'	1.333		
Natural Environment Lake	150'	0.667	150'	0.667		
Mississippi River	150'	0.667	125'	0.800		
Tributary Stream	100'	1.000	75'	1.333		
Forested Stream	150'	0.667	100'	1.000		
Remote Stream	200'	0.500	150'	0.667		

Mitigation: To bring a non-conforming structure to a score of 100 the landowner conducts and maintains one or more of the below listed mitigating activities:

- A) Zone A(1): Plant and/or maintain a 12.5' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **15 points**
- Zone A(2): Plant and/or maintain a 25' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **30 points**
- B) Zone B: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone A landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **20 points**
- C) Zone C: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone B landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **10 points**
- D) Construction of rain garden(s) to Wisconsin DNR Manual specifications **20 points**
- E) Removal of all other structures that do not meet the standard building setbacks, including water oriented structures **20 points**
- F) Removal of impervious surfaces to at least half ordinance limits (SMO 5.52.A) **10 points**
- G) Removal of fill all placed in historic wetlands and guarantee of no future wetland fill recorded on deed **10 points**
- H) Re-vegetate bluff or steep slopes* and provide screening of structures from the lake. **10 points**
- I) Diversion of all water runoff from impervious surfaces away from the lake into retention ponds, subsurface drains, wetlands, etc. with no outlet to the lake or tributary **10 points**
- J) Existing conditions may apply on the property that warrant credit **To be determined by P&Z**

Final Score = Pre-mitigation Lot Score (Line 5) 113.305 + Mitigation Totals (Lines A-I) 0 = 113.305

**Note: Plant materials for vegetative buffers shall be native to northern Minnesota. For every 5,000 square feet of buffer area, there shall be a minimum of four types of trees, six types of shrubs, seven forbs, and three grasses planted to achieve a one plant per square foot minimum coverage. Survival of all plants must be guaranteed for a minimum of 5 years*

Board of Adjustment Chairperson



Applicant

EROSION CONTROL PLAN CHECKLIST

Check the box if completed (leave empty if not applicable).
All items checked must be included on the site diagram.

Site Characteristics

- ☐ North arrow, scale, and site boundary. Indicate and name adjacent streets or roadways.
- ☐ Location of existing drainageways, streams, rivers, lakes, wetlands or wells.
- ☐ Location of storm sewer inlets.
- ☐ Location of existing and proposed buildings and paved areas.
- ☐ The disturbed area on the lot.
- ☐ Approximate gradient and direction of slopes before grading operations.
- ☐ Approximate gradient and direction of slopes after grading operations.
- ☐ Overland runoff (sheet flow) coming onto the site from adjacent areas.

Erosion Control Practices

- ☐ Location of temporary soil storage piles.
Note: Soil storage piles should be placed behind a sediment fence, a 10 foot wide vegetative strip, or should be covered with a tarp or more than 25 feet from any downslope road or drainageway.
- ☐ Location of access drive(s) (driveways, turnarounds, approaches, etc.)
- ☐ Location of sediment controls (filter fabric fence, straw bale fence or 10-foot wide vegetative strip) that will prevent eroded soil from leaving the site.
- ☐ Location of sediment barriers around on-site storm sewer inlets.
- ☐ Location of diversions.
Note: Although not specifically required by code, it is recommended that concentrated flow (drainageways) be diverted (re-directed) around disturbed areas. Overland runoff (sheet flow) from adjacent areas greater than 10,000 sq. ft. should also be diverted around disturbed areas.
- ☐ Location of practices that will be applied to control erosion on steep slopes (greater than 12% grade).
Note: Such practices include maintaining existing vegetation, placement of additional sediment fences, diversions, and re-vegetation by sodding or seeding with use of erosion control mats.
- ☐ Location of practices that will control erosion on areas of concentrated runoff flow.
Note: Unstabilized drainageways, ditches, diversions, and inlets should be protected from erosion through use of such practices as in-channel fabric or straw bale barriers, erosion control mats, staked sod, and rock rip-rap. When used, a given in-channel barrier should not receive drainage from more than two acres of unpaved area, or one acre of paved area. In-channel practices should not be installed in perennial streams (streams with year round flow).
- ☐ Location of other planned practices not already noted.

Check the box if completed (leave empty if not applicable).
All items checked must be included on the site diagram.

N/A

Management Strategies

- ☐ Temporary stabilization of disturbed areas.

Note: It is recommended that disturbed areas and soil piles left inactive for extended periods of time be stabilized by seeding (between April 1 and September 15), or by other cover, such as tarping or mulching.

- ☐ Permanent stabilization of site by re-vegetation or other means as soon as possible (lawn establishment).

• Indicate re-vegetation method: (Circle one of the following) Seed Sod
Other _____

• Expected date of permanent re-vegetation: _____

• Re-vegetation responsibility of: (Circle one of the following)

Builder Owner/Buyer

• Is temporary seeding or mulching planned if site is not seeded by
Sept. 15 or sodded by Nov. 15? (Circle one of the following) Yes No

- ☐ Use of downspout and/or sump pump outlet extensions.

Note: It is recommended that flow from downspouts and sump pump outlets be routed through plastic drainage pipe to stable areas such as established sod or pavement.

- ☐ Trapping sediment during de-watering operations.

Note: Sediment-laden discharge water from pumping operations should be ponded behind a sediment barrier until most of the sediment settles out.

- ☐ Proper disposal of building material waste so that pollutants and debris are not carried off-site by wind or water.

- ☐ Maintenance of erosion control practices.

• Sediment will be removed from behind sediment fences and barriers before it reaches a depth that is equal to half the height of the barrier.

• Breaks and gaps in sediment fences and barriers will be repaired immediately. Decomposing straw bales will be replaced (typical bale life is three months).

• All sediment that moves off-site due to construction activity will be cleaned up before the end of the same workday.

• All sediment that moves off-site due to storm events will be cleaned up before the end of the next workday.

• Access drives will be maintained throughout construction.

• All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.

PART VII: STANDARD EROSION CONTROL PLAN

According to Aitkin County's Shoreland Management Ordinance, soil erosion control information needs to be included on the site plan which is submitted and approved prior to the issuance of zoning permits. The Standard Erosion Control Plan is provided to assist in meeting this requirement.

Instructions:

N/A

1. Complete this plan by filling in requested information, completing the site diagram and marking appropriate boxes on the inside of this form.
2. In completing the site diagram, give consideration to potential erosion that may occur before, during and after grading. Water runoff patterns can change significantly as a site is reshaped.
3. A cross section sheet is required for walkout basements and excavations into hillsides for determining volume of fill to be excavated.

Project Location _____

Builder _____ Owner _____

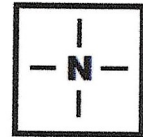
Worksheet Completed By _____ Date _____

Amount of earthen material to be excavated and/or used for fill _____ cubic yards.

SITE DIAGRAM

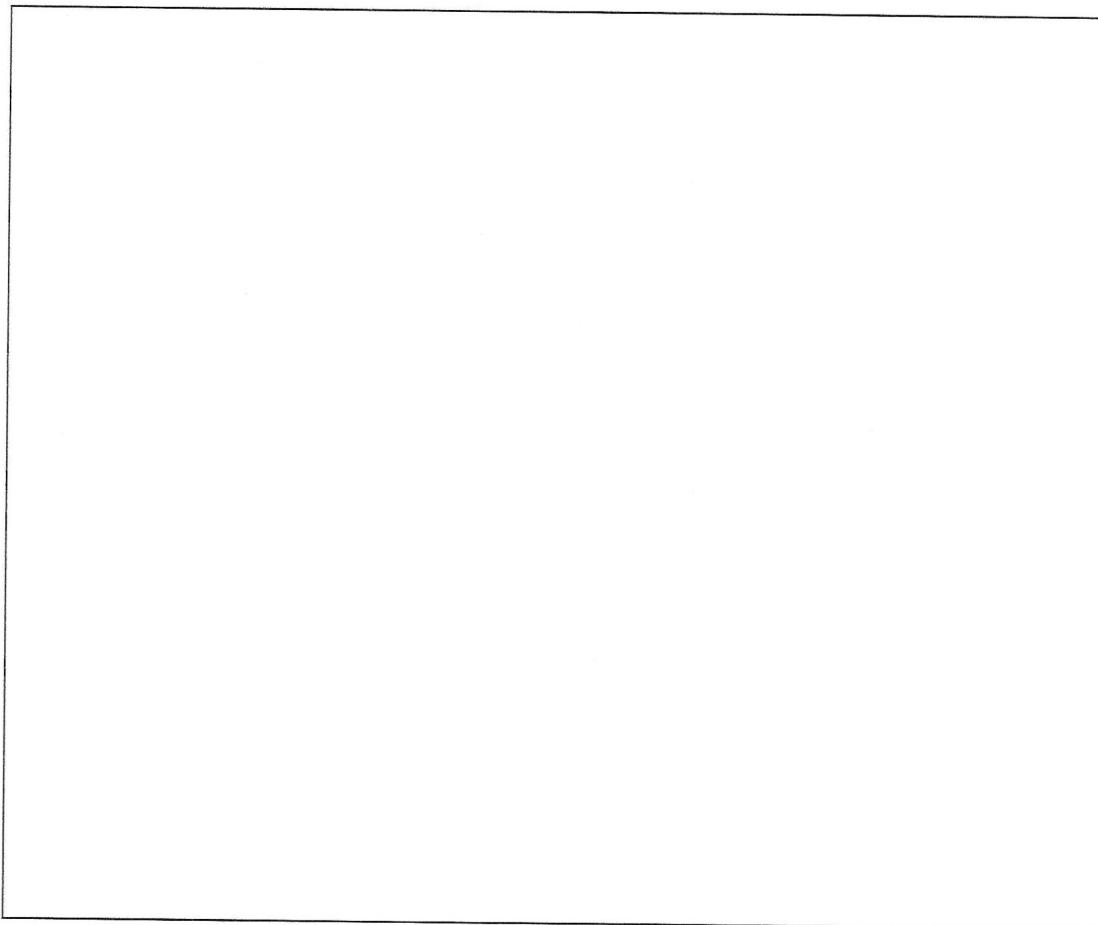
Scale 1 inch = _____ feet

Please indicate north by completing the arrow.



EROSION CONTROL PLAN LEGEND

- PROPERTY LINE
- EXISTING DRAINAGE
- TD TEMPORARY DIVERSION
- FINISHED DRAINAGE
- LIMITS OF GRADING
- SILT FENCE
- STRAW BALES
- GRAVEL
- ① VEGETATION SPECIFICATION
- TREE PRESERVATION
- ⊞ STOCKPILED SOIL



CRV Filed
No Delinquent Taxes and Transfer Entered
Kirk Peysar, County Auditor
State Deed Tax Paid
Lori Grams, County Treasurer

Doc No: **A474710**

WAD 1/2

Certified Filed and/or Recorded on
12/6/2022 1:02 PM

REC FEE \$46.00
SDT \$1155.00
eCRV # 1493720

Office of the County Recorder
Aitkin County, Minnesota
Michael T. Moriarty, County Recorder

Package: **80121** Tara

(Top 3 inches reserved for recording data)

WARRANTY DEED
Individual(s) to Individual(s)

Minnesota Uniform Conveyancing Blanks
Form 10.1.1 (2018)

e-CRV No.: 1493720

DEED TAX DUE: \$1,155.00

DATE: November 29, 2022

FOR VALUABLE CONSIDERATION, Bruce A Folke and Deborah R Folke, married to each other ("**Grantor**"), hereby conveys and warrants to Brandon Cole Niesen and Lori Lynn Niesen ("**Grantee**"), as

(Check only one box)

☐ tenants in common,
☒ joint tenants,

(if more than one Grantee is named above and either no box is checked or both boxes are checked, this conveyance is made to the named Grantees as tenants in common.)

real property in Aitkin County, Minnesota, legally described as follows:

Legal description attached hereto and made a part hereof marked Exhibit "A"

Check here if all or part of the described real property is Registered (Torrens) ☐

together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions:

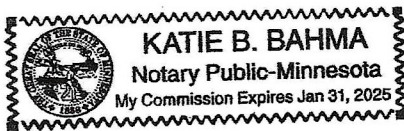
Check applicable box:

- ☐ The Seller certifies that the Seller does not know of any wells on the described real property.
- ☐ A well disclosure certificate accompanies this document or has been electronically filed. (If electronically filed, insert WDC number: _____).
- ☒ I am familiar with the property described in this instrument and I certify that the status and number of wells on the described real property have not changed since the last previously filed well disclosure certificate.

State of Minnesota
County of Crow Wing

This instrument was acknowledged before me on November 29, 2022, by Bruce A Folke and Deborah R Folke, married to each other.

(Seal, if any)



Grantor

Bruce A Folke
Deborah R Folke

(signature of notarial officer)

Title (and Rank): Notary public

My commission expires: 1/31/2025
(month/day/year)

THIS INSTRUMENT WAS DRAFTED BY:
Edina Realty Title, Inc.
6800 France Ave S, Suite 200
Edina, MN 55435

TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED
IN THIS INSTRUMENT SHOULD BE SENT TO:
Brandon Cole Niesen and Lori Lynn Niesen
40201 Fairway Ln
Onamia, MN 56359

EXHIBIT "A"

Lot 75, "Reiters Original Plat on Sandy Lake", Aitkin County, Minnesota.

Dear Members of the Board,

We respectfully request a variance for our patio located at 20568 498th Lane, McGregor, MN. The patio, which was constructed before we purchased the property, does not fully conform to the required specifications under the current zoning ordinance. The primary purpose of this request is to provide a safe and functional outdoor living space for our family while maintaining the overall character of the neighborhood.

We believe granting this variance is reasonable because:

1. Unique property conditions - Our property is narrow & that limits our outdoor usage. Having this patio allows us to carry out everyday activities outside. For example, watching our grandchildren play on the beach, sharing meals with our friends and family, and since our cabin is only 3 seasons, it allows us time to enjoy our outdoor space.

*Limiting the patio within the required square footage would significantly reduce its functionality and would impact clear access to our cabin, prevent safe use of the backyard & prevent good water runoff away from the home.

2. No negative impact – The patio does not obstruct neighboring properties, impair light, air, or privacy, nor does it affect property values in the area. We have spoken with adjacent neighbors, and they have expressed no objection to our existing patio and are supportive of this variance.

3. Neighborhood character – Several nearby homes have similar improvements, and our patio is consistent with the overall look and feel of the community.

4. Practical use – Without the variance, we would be deprived of reasonable use of our property that many neighbors all along the Big Sandy shores enjoy.

We are committed to ensuring that the patio is well-maintained, visually appealing, and respectful of our neighbors' properties. We kindly ask the Board to consider our request favorably and grant the variance.

Thank you for your time and consideration.

Respectfully,

Brandon & Lori Niesen

(320) 267-6871

(320)291-9419



Property Location

Property:	Property Location								Property Attributes	
	Parcel Number	Property Address	Township or City Name	Owner Name(s)	Taxpayer Name(s)	Legal Description	Plat Name	Section-Township-Range	Lake Class	Lake Name
	07-0-064502	29490 442nd PI AITKIN, MN 56431	FARM ISLAND TWP	POPPEN, MARK & FIERRO- POPPEN, CLAUD	POPPEN, MARK & FIERRO- POPPEN, CLAUD	.67 AC IN LOT 2 IN DOC 415087		S:29 T:46 R:27	RD	FARM ISLAND LAKE

Driving directions to the proposed project from Aitkin:	Take 210 Turn left onto Pioneer Avenue Right right onto 442n Avenue The destination is on your left
---	--

Is the above parcel located in the Shoreland Zoning District?	<u>Yes</u>
---	------------

Detailed Narrative

Enter a Detailed Narrative (If you have a prepared narrative please state "See attached" and attach the document below):	See attached
Attach prepared narrative here:	File 1: Variance_Request_Aitkin_County_2.docx
Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:	Section 5.2 of Shoreland Management Ordinance.

Supplemental Data

Attach completed form here:	File 1: Variance_document.pdf
-----------------------------	---

A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<u>Location and dimensions for all lot lines.</u> <u>Indicate all setback distances for items listed above: ordinary high water level of lakes or rivers, lot lines, road right-of-ways, etc.</u>
Attach a Scaled Drawing or Survey:	File 1: Certificate_of_Survey.pdf

Side Profile Sketch of the Structure

Attach a side profile sketch of your proposed structure or addition here (if applicable):

File 1: [📄 Sketches_for_Variance.pdf](#)

Certificate of Septic Compliance

Attach a copy of one of the following, if applicable:

- A current compliance inspection on an existing septic system.
- A design for a new/replacement septic system.

File 1: [📄 4227_001.pdf](#)

File 2: [📄 Engineer_Report_Aitkin_home.pdf](#)

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [📄 Aitkin_Shoreland_Performance_1.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [📄 Erosion_Control_Plan.pdf](#)

Property Deed

Attach the property deed:	File 1: 479899-p0001_-_p0003.pdf
---------------------------	--

Terms**General Terms**

The landowner or authorized agent hereby certifies that to the best of their knowledge the application and supporting documents are a factual representation of the proposed project. The landowner or authorized agent agrees that, in making application, the landowner grants permission to Aitkin County, at reasonable times, to enter the property to determine compliance of the application with applicable Local, County or State Ordinances or Statutes. It is the applicant's responsibility to contact other Local, County or State agencies to ensure the applicant has complied with all relevant Local, County or State Ordinances or Statutes.

Submittal of the above materials does not always constitute a complete application. Other information may be necessary to complete the application based on the type of request and onsite inspection.

I acknowledge that by submitting this application, the application and its attachments are public information.

Invoice #64102 (09/03/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 08/30/2025 3:26 PM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 08/30/2025 3:26 PM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			
Total			\$696.00
Payment 09/03/2025			\$696.00
Due			\$0.00

Results ([Go to top](#))

Signature accepted

Failed to send [Variance Ready for Action](#) notification to:

Approvals

Approval	Signature
Applicant	online submittal - 09/08/2025 9:34 AM - witnessed by Kim Burton d1e47e5655e17837f463879980ed4a0f 9452429c256370b1b322dfbf28d54df6
#1 Administrative Review	Kim Burton - 09/09/2025 8:25 AM d56db610a02641dbc359f63afd7df93c b3c0d8f57135510a990ebb2f81ba79c3
#2 Board of Adjustment Approval	

Public Notes

Text:	<div></div>
File(s):	<div></div>

Admin Checklist

This review has been started by:	Kim Burton ▼
Zoning District of project location:	Shoreland ▼
Project located in the floodplain?	No ▼
Is the parcel a Lot of Record before 1-21-92 or have alternate sites been identified?	Yes ▼
Is this an after-the-fact application?	Yes ▼

Numbers

	Current Number	Next from Sequence
UID #	215170	<i>not applicable</i>
App. #	<input type="text" value="2025-000791"/>	«« 2025-000809
Permit #	<input type="text"/>	«« 2025-0661

Print View

Proposed Project Narrative & Variance Request

Property Location: 29490 442nd Place, Aitkin, MN | Parcel # 07-0-064502

Type of Project: Residential – deck expansions

Applicant(s): Mark Poppen, Claudia Fierro-Poppen

Project Overview

We own a lakeshore property in Aitkin County that includes a **main residence** and a **small bunk house**. We are seeking approval for two related deck projects:

1. **Expansion of the main home's deck** by two and a half (2.5) feet toward the lake and three (3) feet toward the neighboring property.
 - Current main deck = 220 sq ft; proposed expansion = 392 sq ft.
 - Current open porch = 72 sq ft; proposed expansion = 108 sq ft.
 - This request requires a variance because the expansion extends into the 100-foot lake setback. A variance of **76.5 feet** is being requested (vs. the existing approved 79-foot setback).
 2. **Construction of a new 8' × 12' deck (96 sq ft)** on the small bunk house.
 - Current regulations only allow a 32 sq ft deck without a permit.
 - The existing guest home already has a nonconforming setback of 58 feet from the lake; this distance will remain unchanged with the addition of the proposed deck.
 - This request requires a variance to allow construction of a larger deck within the existing nonconforming setback.
-

Purpose of the Request

Both projects are driven primarily by **safety, accessibility, and functionality needs**:

1. Main Home Deck Expansion

- The existing deck and entry area are **too narrow** for safe use.
- Wheelchair accessibility is currently not feasible:
 - The landing area by the main door is too tight to allow maneuvering when opening the door while accessing the entry in a wheelchair.
 - The pathway between the two homes is only 4 feet wide and further obstructed by a hot tub; this area becomes wet and slippery, creating a dangerous condition.
 - Last year, both a family member (grandmother) and my son slipped and fell in this area.

- The current deck space cannot reasonably accommodate a **6-person table, grill, and wheelchair access**, making it impractical for normal family use.
- The proposed 2.5-foot expansion will **alleviate these safety and accessibility concerns**, allowing for safe mobility, sufficient landing area, and functional family use.

2. Small Bunk House Deck

- Current allowance is for a 32 sq ft deck; this is inadequate for accessibility and safe use.
 - A variance is requested for a **96 sq ft deck**, which would:
 - Allow for **wheelchair access directly to ground level**, avoiding the need to use the current main entrance, which requires climbing ten (10) steps.
 - Provide a functional and safe transition space without constructing multiple small, disconnected platforms.
 - Be more aesthetically consistent, preserving lake views and avoiding unnecessary clutter of multiple structures closer to the shoreline.
-

Reasons Compliance with the Ordinance Is Not Feasible

We believe strict compliance with current setback regulations creates a **practical difficulty** due to the following:

1. Wheelchair Accessibility and Safety

- Both projects directly address accessibility and safety challenges for elderly and mobility-impaired family members.
- Without these modifications, safe and reasonable use of the homes is significantly limited.

2. Existing Nonconforming Conditions

- The main home's deck was previously granted a variance to 79 feet; our request for 76.5 feet is only a **2.5-foot incremental adjustment** to improve safety and accessibility.
- The bunk house already exists at a 58-foot setback. Adding a modest deck at the same setback does not create new encroachment, but instead enhances usability and accessibility.

3. Better Alternative Than Allowed Option

- Current regulations would permit a small 32 sq ft deck with stairs down to a larger ground platform (up to 390 sq ft and 6 inches off the ground). This would actually result in **greater total footprint**, bring structures closer to the lakefront, and **still fail to provide wheelchair accessibility**.
- The requested design is **more compact, safer, and visually consistent**.

4. No Adverse Impact on Neighbors or the Lake

- The proposed expansions will not block views, diminish privacy, or harm neighboring properties.
- The modifications remain within the existing developed footprint of the property and do not increase environmental impact on the shoreline.

Conclusion

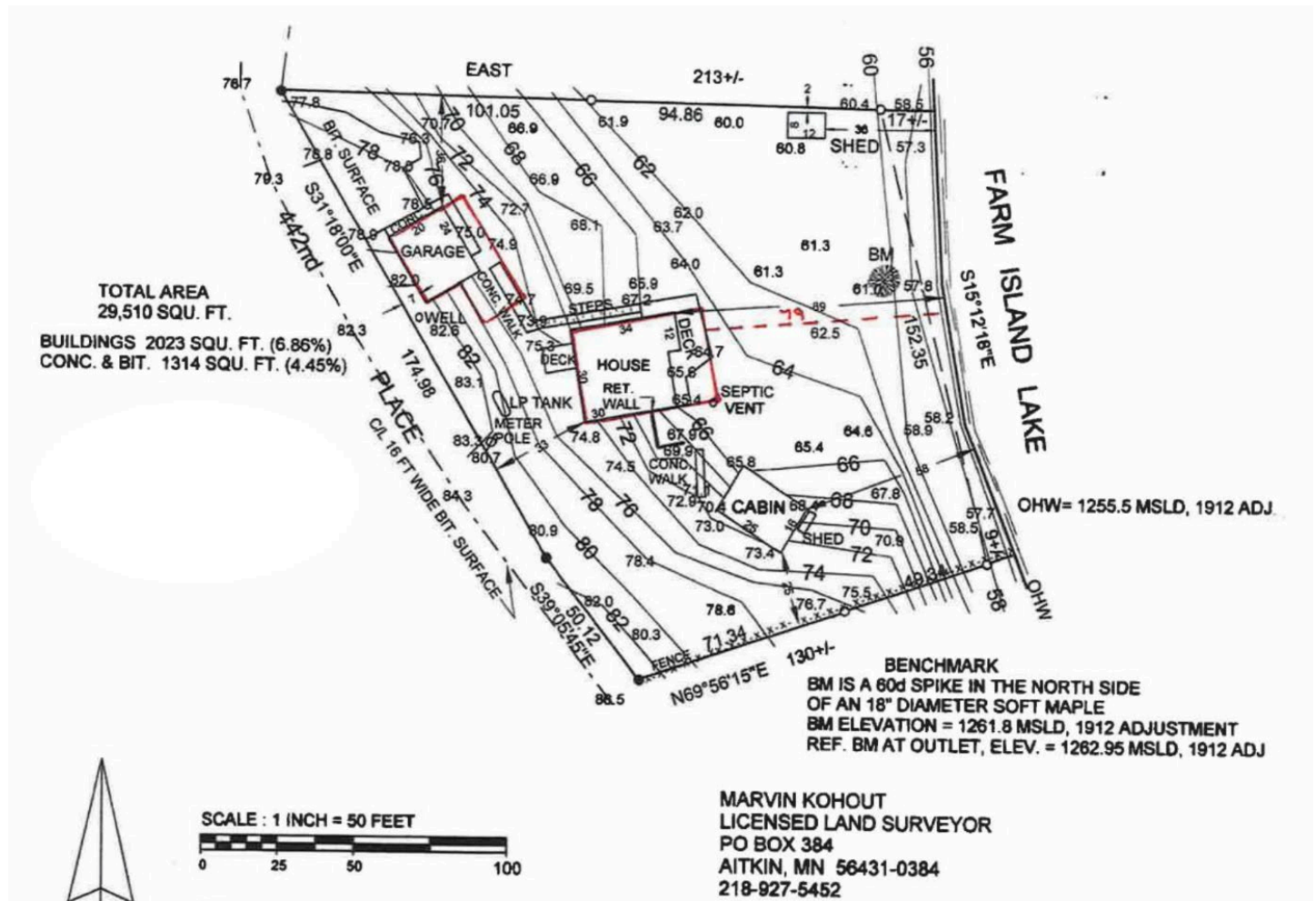
We respectfully request approval of:

1. A **76.5-foot variance** from the lake setback for expansion of the main home's deck.
2. A variance to allow a **96 sq ft deck** on the bunk house within its existing nonconforming 58-foot lake setback.

These improvements are essential to ensuring **safe, accessible, and practical use** of our property for family members of all ages and mobility levels. They represent the most reasonable and responsible way to improve our property without creating additional impact on the lake or neighboring properties.

Thank you for your consideration.

Respectfully submitted,
Mark & Claudia Poppen



View from the lake

Before (3/29/2022) – 79 ft lakeshore setback



After (8/29/25) – 76.5 ft lakeshore setback



Before (12/17/2024) – 79 ft lakeshore setback



After (8/29/25) – 76.5 ft lakeshore setback



Before (12/17/2024) – 58 ft lakeshore setback

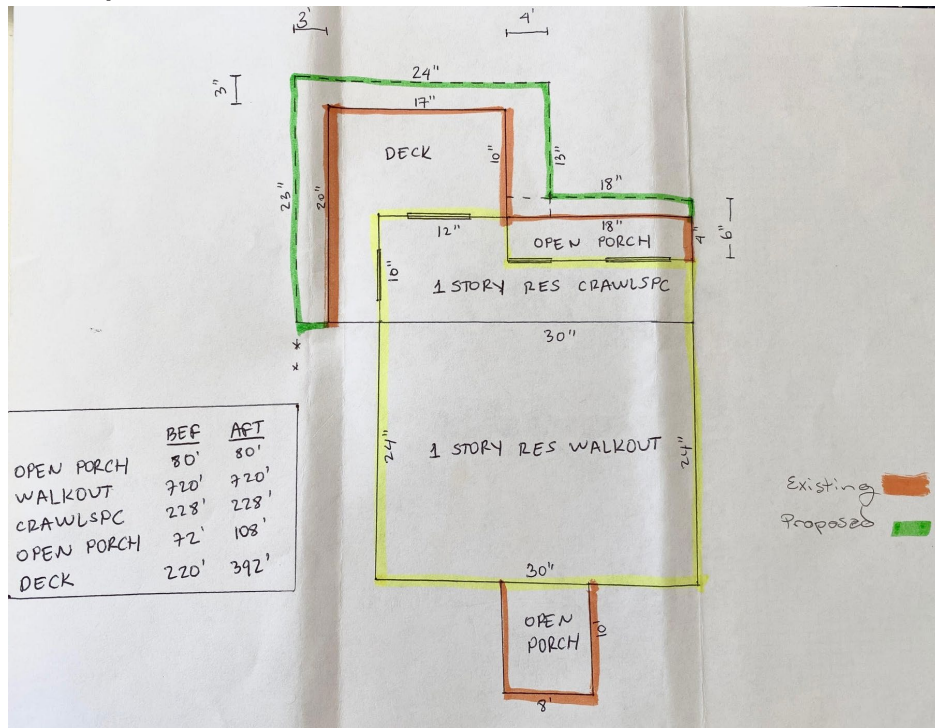


After (8/29/25) – 58 ft lakeshore setback (no change given angle to lakeshore)



Main Deck Dimensions

Before | **Proposed:** Requires variance



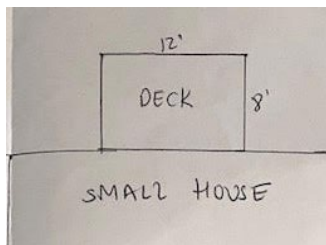
Small Deck Dimensions

Before: N/A

- 58 ft lake setback (from closest spot to the lake which is the left roof corner of the bunk house)

Proposed: Requires variance

- 8x12 ft deck (96 sq ft)
- 58 ft lake setback (no change vs current given bunk house angle to the lakeshore)

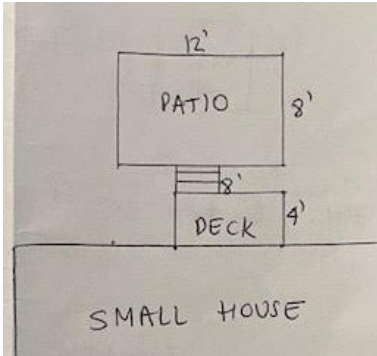


Last picture created with help from ChatGPT to visualize end-state.

Fall back option: No variance needed.

- 8x4 ft deck (32 sq ft) with steps to ground. No permit required.

- Up to 390 sq ft patio <6" above ground. Permit required.
- <58 ft lake setback based on size of patio



Pictures created with help from ChatGPT to visualize end-state.

PART I: SUPPLEMENTAL DATA TO VARIANCE APPLICATION

Aitkin County Environmental Services
307 Second St. NW, Room 219, Aitkin, MN 56431
Phone: 218.927.7342 Fax: 218.927.4372
www.co.aitkin.mn.us

Note: Place an "X" by each item below that applies to your variance request. Then, fill out **only** the applicable following section(s) that apply, as directed. **If a section does not apply to your request, leave it blank.**

What is the reason(s) for applying for the variance? Place an "X" by each applicable item.

- ☐ Setback issues for a proposed new structure: **Complete Section 1**
- ☒ Setback issues for an alteration to an existing nonconforming structure: **Complete Section 2**
- ☐ Setback issues for a septic system: **Complete Section 3**
- ☐ Land alteration: **Complete Section 4**
- ☐ Creating a lot not in conformance with the minimum Ordinance standards: **Complete Section 5**
- ☐ Other: attach separate sheet explaining variance request

Section 1 – New Structure(s)

Check all that apply and fill in requested information:

- | | |
|--|--|
| <input type="checkbox"/> Basement | <input type="checkbox"/> One Story Level |
| <input type="checkbox"/> Crawlspace | <input type="checkbox"/> Story-and-a-Half Level |
| <input type="checkbox"/> Walk-out Basement | <input type="checkbox"/> 2 nd Story Level |
- Proposed # of Bedrooms _____ Proposed Structure Height _____ ft.
- Existing Total Building Coverage _____% Proposed Total Building Coverage _____%
- Existing Total Impervious Surface Coverage _____% Proposed Total Impervious Surface Coverage _____%

"Building Coverage" means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to's, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

"Impervious surface coverage" means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance. * Setbacks are measured to the nearest point on a structure which can be the eave overhang or an attached deck/platform.

Proposed Structure Type (indicate with or without living quarters) _____

_____ Ordinary High Water Level (OHWL)	Proposed Setback _____ ft.
_____ Property Line	Proposed Setback _____ ft.
_____ Road Right-of way __ Twp __ Co. __ State	Proposed Setback _____ ft.
_____ Bluff	Proposed Setback _____ ft.
_____ Other: _____	Proposed Setback _____ ft.

Section 2 – Alteration(s) to Existing Nonconforming Structure(s)

Check all that apply and fill in requested information:

Existing Structure

☐ Basement
☐ Crawlspace
☐ Walk-out Basement
☐ One Story Level
☐ Story-and-a-Half Level
☐ 2nd Story Level
☒ Deck Main House (A, B)
 Existing Structure Height _____ ft.
 Existing # of Bedrooms _____
 Existing Building Coverage _____ %
 Existing Total Impervious Surface Coverage _____ %

Proposed Addition(s)

☐ Basement
☐ Crawlspace
☐ Walk-out Basement
☐ One Story Level
☐ Story-and-a-Half Level
☐ 2nd Story Level
☒ Deck Bunk House (C)
 Proposed Addition(s) Height _____ ft.
 Final # of bedrooms after remodel _____
 Proposed Building Coverage _____ %
 Proposed Total Impervious Surface Coverage _____ %

"Building Coverage" means the ground surface covered by any building or appurtenance, including, but not limited to, decks, platforms, overhangs and projections therefrom, outdoor furnaces, fishhouses, sheds, carports, lean-to's, or any similar building. –as per the Aitkin County Shoreland Management Ordinance.

"Impervious surface coverage" means any structure, facility or surface that sheds water including structures and facilities, sewage treatment system absorption areas (equal to 190 sq.ft./bedroom), retaining walls, and roadway surfaces and parking areas. Impervious surface does not include eaves of two feet and less. – Per the Aitkin Count Shoreland Management Ordinance.

Itemized square footage of proposed structure(s):

	Existing	Proposed
A) Main house deck:	220 sq ft; 79ft OHW	392 sq ft; 76.5ft OHW
B) Main house open porch	72 sq ft; 90ft OHW	108 sq ft; 88ft OHW
C) Bunk house deck:	N/A	96 sq ft; 58ft OHW

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance. * Setbacks are measured to the nearest point on a structure which can be the eave overhang or an attached deck/platform.

Proposed Alteration Type _____

<input checked="" type="checkbox"/> Ordinary High Water Level (OHWL)	(A, B) Existing Setback <u>79</u> ft.	Proposed Setback <u>76.5</u> ft.
_____ Property Line	(C) Existing Setback <u>58</u> ft.	Proposed Setback <u>58</u> ft.
_____ Road Right-of way ___ Twp ___ Co. ___ State	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Bluff	Existing Setback _____ ft.	Proposed Setback _____ ft.
_____ Other: _____	Existing Setback _____ ft.	Proposed Setback _____ ft.

Section 3 – Septic System

Check the item(s) from which you are requesting a variance and fill in the proposed setback distance.

_____ Ordinary High Water Level (OHWL)	Proposed Setback _____ ft.
_____ Property Line	Proposed Setback _____ ft.
_____ Road Right-of way ___ Twp ___ Co. ___ State	Proposed Setback _____ ft.
_____ Bluff	Proposed Setback _____ ft.
_____ Other: _____	Proposed Setback _____ ft.

no change to septic system

Section 4 – Land Alteration

What is your land alteration? Check all categories that apply and indicate the total amount of excavation or placement of fill.

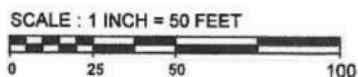
_____ More than 10 cubic yards on steep slopes and shore and bluff impact zones.	Total Cubic Yds. _____
_____ Other: _____	Total Cubic Yds. _____

Section 5 – Creating Nonconforming Lot(s)

Check the item(s) from which you are requesting a variance and fill in the proposed dimensions.

_____ Property Width	Proposed Property Width _____
_____ Property Area	Proposed Property Area _____
_____ (2) Standard Septic Sites	
_____ Legal Access	

OF PART OF GOVERNMENT LOT 2
SEC. 29, TWP. 46, RGE. 27
AITKIN COUNTY, MINNESOTA



- FOUND IRON MONUMENT
- 3/8 INCH DIA. RE-ROD WITH RLS
CAP NO. 17774 ESTABLISHED

BEARING DATUM IS BASED ON THE NORTH LINE OF
GOVT LOT 2 HAVING A BEARING OF WEST

MARVIN KOHOUT
LICENSED LAND SURVEYOR
PO BOX 384
AITKIN, MN 56431-0384
218-927-5452

I HEREBY CERTIFY THAT THIS SURVEY PLAN OR REPORT WAS
PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND
THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE
LAWS OF THE STATE OF MINNESOTA.

DATE 10/07/2020 LIC. NO. 17774

Proposed Structures

Property Location: 29490 442nd Place, Aitkin, MN

Type of Project: Residential – deck expansions

Applicant(s): Mark Poppen, Claudia Fierro-Poppen

Before (3/29/2022) – 79 ft lakeshore setback



After (8/29/25) – 76.5 ft lakeshore setback



Before (12/17/2024) – 79 ft lakeshore setback



After (8/29/25) – 76.5 ft lakeshore setback



Before (12/17/2024) – 58 ft lakeshore setback

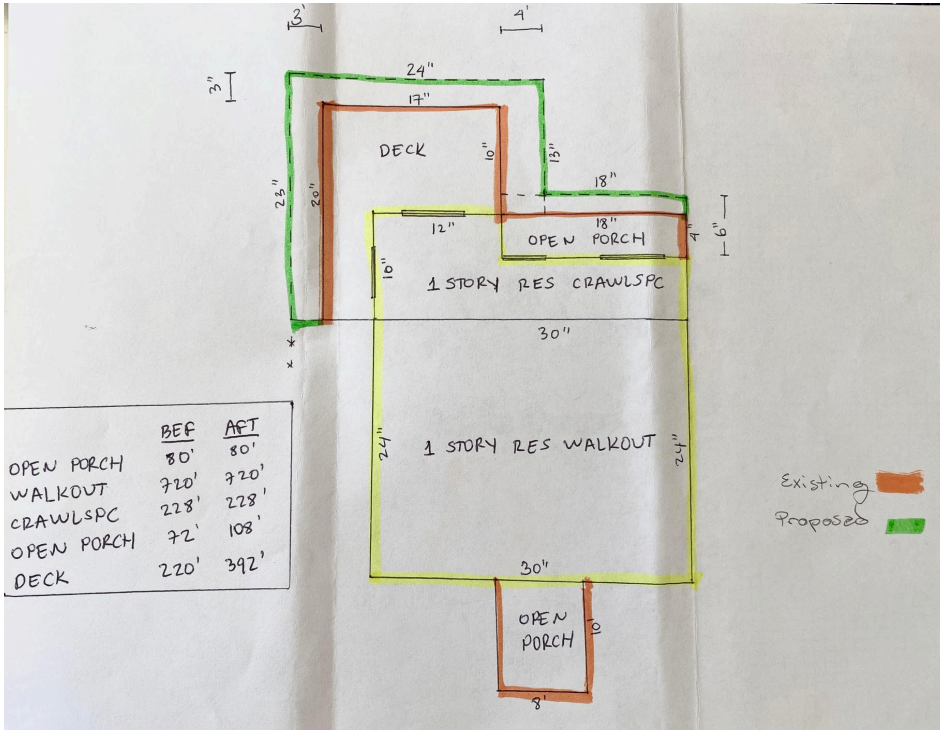


After (8/29/25) – 58 ft lakeshore setback



Main Deck Dimensions

Before | After



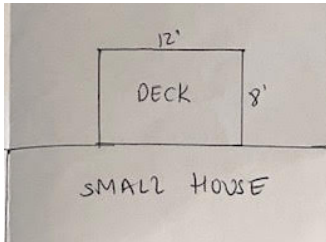
Small Deck Dimensions

Before: N/A

After:

Option 1: Requires variance

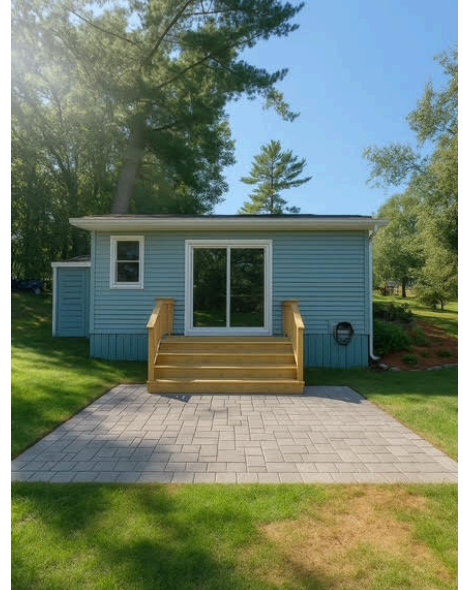
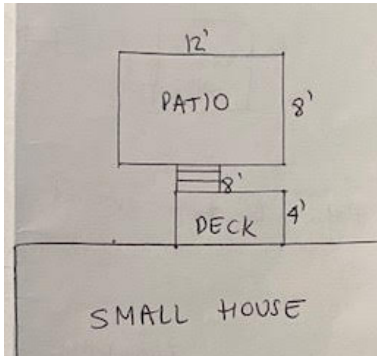
- 8x12 ft deck (96 sq ft)
- 58 ft lake setback



Last picture created with help from ChatGPT to visualize end-state.

Option 2: *No variance needed.*

- 8x4 ft deck (32 sq ft) with steps to ground. No permit required.
- Up to 390 sq ft patio <6" above ground. Permit required.
- <58 ft lake setback based on size of patio



Pictures created with help from ChatGPT to visualize end-state.



Septic System Compliance Inspection – Existing System

Date: 10/11/2023

Property Owner: JELSING, DOYLE & VICKI

Ordered By: Kim Baker - Agent

Address: 29490 442nd Place Aitkin, MN 56431

Property ID: 07-0-064502

Inspector: Raini Kohl

A compliance inspection was performed at the above location. Previous evaluations were used to determine the level of seasonal saturated soil. The Soil Treatment Area (Drain field) was also inspected to ensure there was no ponding or leaking. The septic tank was pumped and inspected. This onsite system was found to be **Compliant**.

- **Impact On Public Health:**
System is Compliant
- **Tank Integrity:**
Tank(s) are compliant
- **Other Compliance Conditions:**
None
- **Soil Separation**
Soils are compliant
- **Operating Permit and Nitrogen BMP**
NA

I have included a copy of the compliance documents for your record. I have also sent a copy to Aitkin County for their records. If you have any questions, please do not hesitate to give us a call.

Thanks!

Tim Woodrow
Owner

218-927-6175

218-927-6175

1037 1st St. NW Aitkin, MN 56431

WWW.TIMBERLAKESSEPTIC.COM



DISCLAIMER:

The septic system inspection conducted for this property meets MPCA requirements for existing systems.

We recommend this system to be serviced and evaluated at least every 36 months by a septic professional.

Any additions to the home or increased use of the home may require an increase in system capacity.

1. Compliance Requirements evaluated as part of this inspection include the verification that the system tanks do not leak below the designed operating depth, the required separation between the bottom of the subsurface distribution medium and the seasonally saturated soils if applicable, no discharge of septage/effluent to the ground surface or surface water and no imminent safety hazards exist. Timber Lakes Septic Inc does not inspect interior pumps, plumbing, or associated components.
2. Certification of this system does not warranty future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded and discharge to ground surface as a result of increase use (more people in house, faulty plumbing fixtures, change in habits, groundwater infiltration etc), improper maintenance, tree roots, freezing conditions, surface drainage problems, etc. The system can also stop working simply due to its age. The life expectancy of a system is variable and dependent upon the items previously listed. Proper maintenance and water conservation will help contribute to a longer system life.
3. A compliance inspection is not meant to be a test or inspection of longevity of the system. A compliance inspection is for the purpose of verifying if the system is protective of public health and safety as well as protecting the ground water at the date and time the inspection was performed. This inspection is not intended to determine if the system was originally designed or installed to past or present MPCA/Local Government Unit Code requirements. This inspection is not intended to determine if the system was designed and/or installed to support the anticipated flow from buildings as the use of the buildings may have changed since the original design was completed. These changes may include additional bedrooms, occupants, increased use, etc. In addition, this inspection is not intended to determine the quality of the original system design, quality of the construction practices during installation, or quality of materials used.
4. Timber Lakes Septic Inc. has not been retained to warranty, guarantee, or certify the proper functioning of the ISTS system for any period of time beyond the date of inspection or into the future. There are numerous factors which may affect the proper operation of a ISTS System and the inability of Timber Lakes Septic to supervise or monitor the use or maintenance of the ISTS System, the Compliance Report shall not be construed as a warranty or guarantee of future system performance.
5. By accepting this report, the client understands that Timber Lakes Septic will not be responsible for any monetary damages exceeding the fee for services provided.
6. This Report is prepared for the person or rep of the person providing payment for the fees charged.



Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 07-0-064502 Reason for inspection Transfer

Local regulatory authority info: Aitkin County

Property address: 29490 442nd Place Aitkin, MN 56431

Owner/representative: Kim Baker - Agent Owner's phone: 612-685-8952

Brief system description: 1250 Precast septic tank to 10 x 50 seepage bed

System status

System status on date (mm/dd/yyyy): 10/11/2023

☒ **Compliant – Certificate of compliance***

(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

☐ **Noncompliant – Notice of noncompliance**

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- ☐ Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- ☐ Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- ☐ Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- ☐ Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- ☐ System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- ☐ Soil separation (Compliance component #5) – *Failing to protect groundwater*
- ☐ Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

Comments or recommendations

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: Timber Lakes Septic Service Certification number: C2703

Inspector signature: Raini Kohl License number: L455

(This document has been electronically signed) Phone: 218-927-6175

Necessary or locally required supporting documentation (must be attached)

- ☒ Soil observation logs
- ☐ System/As-Built
- ☐ Locally required forms
- ☒ Tank Integrity Assessment
- ☐ Operating Permit
- ☐ Other information (list):

Property Address: 29490 442nd Place Aitkin, MN 56431

Business Name: Timber Lakes Septic Service

Date: 10/11/2023

1. Impact on public health – Compliance component #1 of 5

Compliance criteria:

System discharges sewage to the ground surface

☐ Yes* ☒ No

System discharges sewage to drain tile or surface waters.

☐ Yes* ☒ No

System causes sewage backup into dwelling or establishment.

☐ Yes* ☒ No

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results:

Attached supporting documentation:

☐ Other: _____

☐ Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?

☐ Yes* ☒ No

Sewage tank(s) leak below their designed operating depth?

☐ Yes* ☒ No

If yes, which sewage tank(s) leaks:

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation:

☐ Empty tank(s) viewed by inspector

Name of maintenance business: _____

License number of maintenance business: _____

Date of maintenance: _____

☒ Existing tank integrity assessment (Attach)

Date of maintenance 10/10/2023

(mm/dd/yyyy):

(must be within three years)

(See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))

☐ Tank is Noncompliant (pumping not necessary – explain below)

☐ Other: _____

Property Address: 29490 442nd Place Aitkin, MN 56431

Business Name: Timber Lakes Septic Service

Date: 10/11/2023

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

☐ Yes* ☒ No ☐ Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety? ☐ Yes* ☒ No ☐ Unknown

**Yes to 3a or 3b - System is an imminent threat to public health and safety.*

3c. System is non-protective of ground water for other conditions as determined by inspector?

☐ Yes* ☒ No

3d. System not abandoned in accordance with Minn. R. 7080.2500?

☐ Yes* ☒ No

**Yes to 3c or 3d - System is failing to protect groundwater.*

Describe verification methods and results:

Attached supporting documentation: ☐ Not applicable ☐

4. Operating permit and nitrogen BMP* – Compliance component #4 of 5 ☒ Not applicable

Is the system operated under an Operating Permit?

☐ Yes ☐ No If "yes", A below is required

Is the system required to employ a Nitrogen BMP specified in the system design? ☐ Yes ☐ No If "yes", B below is required

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria:

a. Have the operating permit requirements been met? ☐ Yes ☐ No

b. Is the required nitrogen BMP in place and properly functioning? ☐ Yes ☐ No

Any "no" answer indicates noncompliance.

Describe verification methods and results:

Attached supporting documentation: ☐ Operating permit (Attach) ☐

Property Address: 29490 442nd Place Aitkin, MN 56431

Business Name: Timber Lakes Septic Service

Date: 10/11/2023

5. Soil separation – Compliance component #5 of 5

Date of installation 8/14/1979 ☐ Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? ☒ Yes ☐ No

Compliance criteria (select one):

5a. For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment: ☐ Yes ☐ No*

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

5b. Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment: ☒ Yes ☐ No*

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*

5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080.2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) ☐ Yes ☐ No*

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

*Any "no" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation:

- ☐ Soil observation logs completed for the report
☒ Two previous verifications of required vertical separation
☐ Not applicable (No soil treatment area)
☐

Indicate depths or elevations

A. Bottom of distribution media	
B. Periodically saturated soil/bedrock	
C. System separation	
D. Required compliance separation*	

*May be reduced up to 15 percent if allowed by Local Ordinance.

Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

Becklin & Whitney
Consulting Engineers, Inc.
523 MAIN STREET NORTH, SUITE 1
CAMBRIDGE, MN 55008
PHONE (763) 689-5631 FAX (763) 552-5631

September 5, 2025

Claudia & Mark Poppen
29490 442nd Place
Aitkin, MN

RE: Review of Proposed Deck Extension
Septic System Tank Setback

To Whom It May Concern:

Introduction

The owner is planning to extend the deck by 2 feet in an area near the existing septic tank. The existing deck in the area of the septic tank extends 4 feet from the home, so the deck would extend 6 feet from the home. We have not visited the site but were provided with sketches by the owner and have reviewed past permit information. We were asked to determine the minimum distance allowed between septic tank and deck foundation.

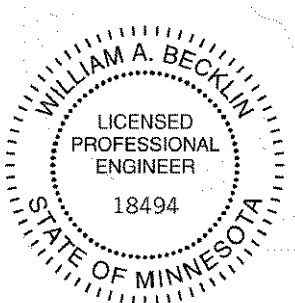
Discussion

The deck footing near the septic tank is 4 feet from the home and will not be moved. The deck will cantilever out 2 feet beyond the deck foundation post. The existing deck foundation post is at least 4 feet away from the septic tank and foundation post will not put pressure on the side of the septic tank or affect its function. The septic tank vent would be clear of the deck and the septic tank manhole is also clear of the proposed deck.

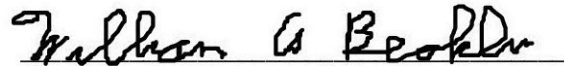
Conclusions

The deck foundation post is existing and is at least 4 feet from the septic tank and is approved for structural and function of the septic tank. We have no comments about the deck expansion beyond the area of septic tank.

Attachments: Related Documents



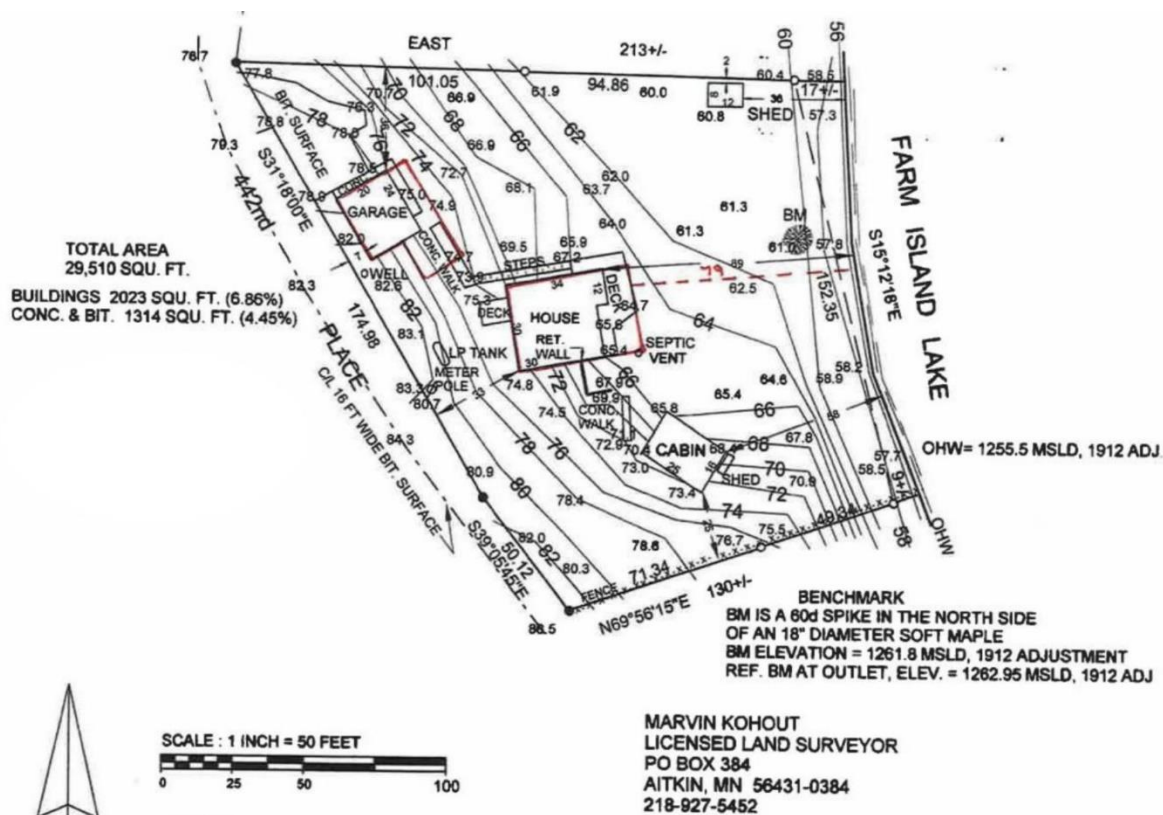
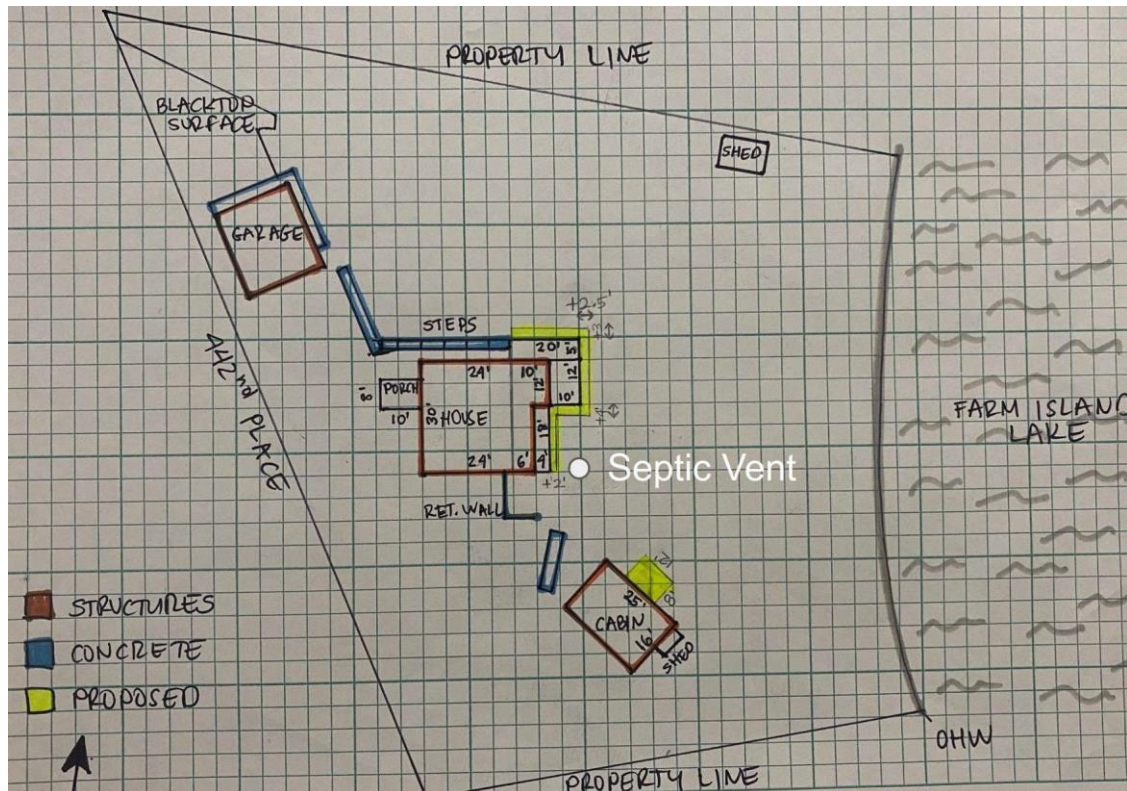
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

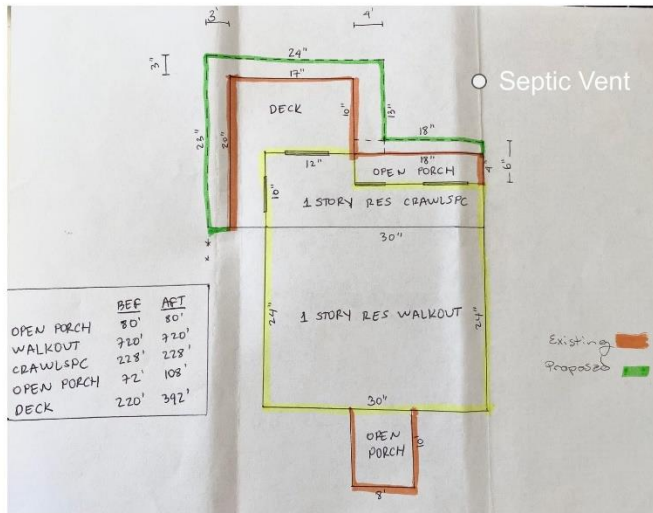


WILLIAM A. BECKLIN, P.E.

DATE: SEPTEMBER 5, 2025

LIC. NO. 18494





AITKIN COUNTY SHORELAND PERFORMANCE

(Structure Placement Guidance)

A property should obtain a score of 100 or more to meet performance standard requirements. A conforming lot is assigned a score of 100. A lot is deemed conforming when the structure meets the required setbacks to the protected water as specified in the Aitkin County Shoreland Management Ordinance (SMO). A structure that fails to meet this definition is considered non-conforming.

To determine the level of non-conformance and score (See Reference Table):

- 1) Determine the DNR classification of the protected water on the lot (SMO-4.13 & 4.14) 1: RD RD
- 2) Determine the required "Structure Setback" to that classification of water (SMO 5.2) 2: 100 100
- 3) Determine the "Actual Setback" of the structure by measuring the closest part of the structure to the protected water, bluff, right-of-way, property line, etc. for which a variance is sought 3: 77 58
- 4) Enter the corresponding 'Score Multiplier' 4: 1.0 1.0
- 5) Pre-mitigation 'Lot Score': Determine the percentage of the encroachment as it relates to the standard setback by multiplying the Actual Setback with the 'Score Multiplier' (Note: round to the nearest whole number) 5: 77 58

Reference Table: Performance Multipliers for structures, septs, bluff, and sidelots in Aitkin County.

Protected Waters Type (DNR Classification; SMO 4.13-4.14)	Required Structure Setback	Score Multiplier Structures	Required Septic Setback	Score Multiplier Septic	Score Multiplier Bluff	Score Multiplier Sidelot
General Development Lake	75'	1.333	75'	1.333	(30' setback)	(10' setback)
Recreational Development Lake	100'	1.000	75'	1.333	3.33	10.000
Natural Environment Lake	150'	0.667	150'	0.667		
Mississippi River	150'	0.667	125'	0.800		
Tributary Stream	100'	1.000	75'	1.333		
Forested Stream	150'	0.667	100'	1.000		
Remote Stream	200'	0.500	150'	0.667		

Mitigation: To bring a non-conforming structure to a score of 100 the landowner conducts and maintains one or more of the below listed mitigating activities:

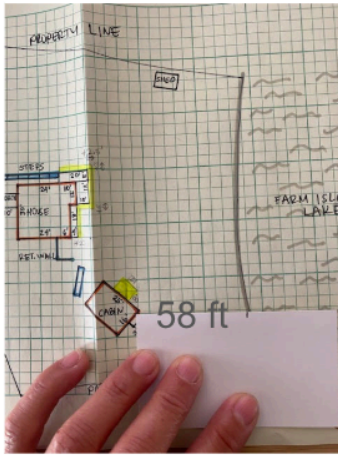
- A) Zone A(1): Plant and/or maintain a 12.5' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **15 points**
- Zone A(2): Plant and/or maintain a 25' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c) **30 points**
- B) Zone B: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone A landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **20 points**
- C) Zone C: Plant and/or maintain an additional 12.5' wide natural vegetated buffer zone between Zone B landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. **10 points**
- D) Construction of rain garden(s) to Wisconsin DNR Manual specifications. **20 points**
- E) Removal of all other structures that do not meet the standard building setbacks, including water oriented structures. **20 points**
- F) Removal of impervious surfaces to at least half ordinance limits (SMO 5.52.A) **10 points**
- G) Removal of fill all placed in historic wetlands and guarantee of no future wetland fill recorded on deed. **10 points**
- H) Re-vegetate bluff or steep slopes* and provide screening of structures from the lake. **10 points**
- I) Diversion of all water runoff from impervious surfaces away from the lake into retention ponds, subsurface drains, wetlands, etc. with no outlet to the lake or tributary **10 points**
- J) Existing conditions may apply on the property that warrant credit To be determined by P&Z

Final Score = Pre-mitigation Lot Score (Line 5) 77 + Mitigation Totals (Lines A-I) 25 = 102 Mainhouse cabin

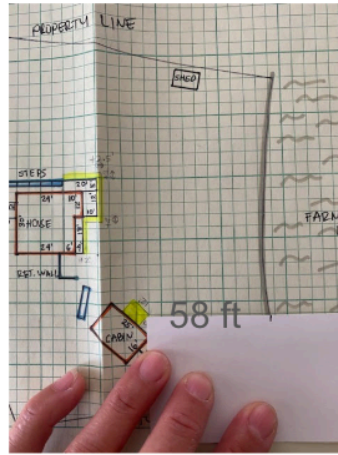
*Note: Plant materials for vegetative buffers shall be native to northern Minnesota. For every 5,000 square feet of buffer area, there shall be a minimum of four types of trees, six types of shrubs, seven forbs, and three grasses planted to achieve a one plant per square foot minimum coverage. Survival of all plants must be guaranteed for a minimum of 5 years

Board of Adjustment Chairperson

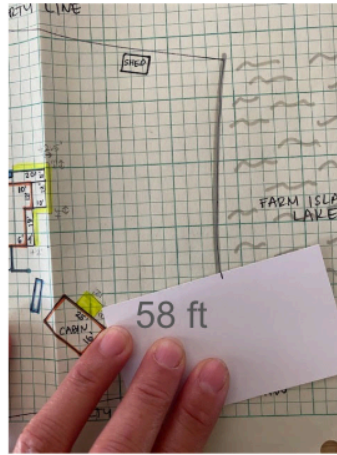
[Signature]
Applicant



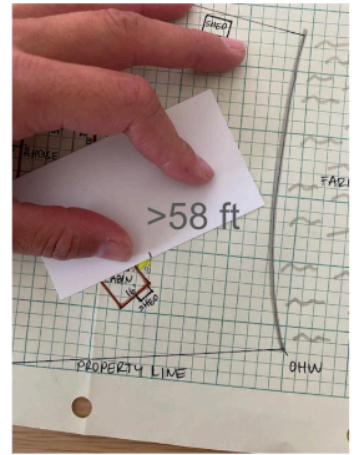
Cabin setback measured from closest point to the lake (i.e roof corner)



Deck setback measured from closest point to the lake (i.e deck corner)



Cabin setback measured from closest point to the lake (i.e deck corner) as the exact same measure pivots on its axis, never exceeding the current 58 ft OHW setback.



PART VII: STANDARD EROSION CONTROL PLAN

According to Aitkin County's Shoreland Management Ordinance, soil erosion control information needs to be included on the site plan which is submitted and approved prior to the issuance of zoning permits. The Standard Erosion Control Plan is provided to assist in meeting this requirement.

Instructions:

1. Complete this plan by filling in requested information, completing the site diagram and marking appropriate boxes on the inside of this form.
2. In completing the site diagram, give consideration to potential erosion that may occur before, during and after grading. Water runoff patterns can change significantly as a site is reshaped.
3. A cross section sheet is required for walkout basements and excavations into hillsides for determining volume of fill to be excavated.

Project Location 29490 442nd Place, Aitkin, MN

Builder TBD Owner Mark & Claudia Poppen

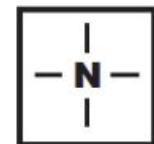
Worksheet Completed By Mark & Claudia Poppen Date 9/1/2025

Amount of earthen material to be excavated and/or used for fill zero cubic yards.












SITE DIAGRAM

Scale 1 inch = 30 feet

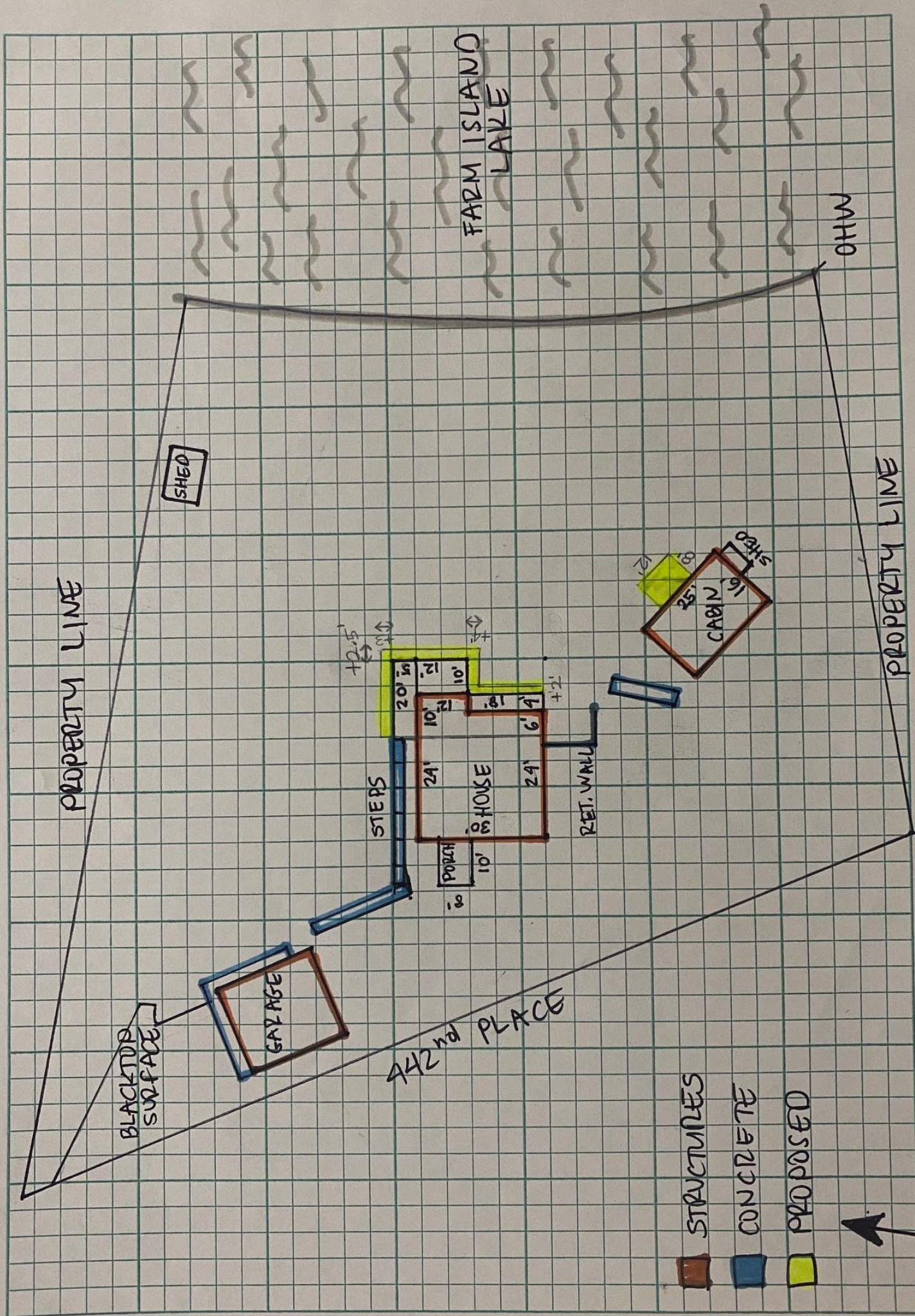
Please indicate north by completing the arrow.



EROSION CONTROL PLAN LEGEND

-  PROPERTY LINE
-  EXISTING DRAINAGE
-  TD TEMPORARY DIVERSION
-  FINISHED DRAINAGE
-  LIMITS OF GRADING
-  SILT FENCE
-  STRAW BALES
-  GRAVEL
-  VEGETATION SPECIFICATION
-  TREE PRESERVATION
-  STOCKPILED SOIL

More detailed plan on next page



Check applicable box:

- ☐ The Seller certifies that the Seller does not know of any wells on the described real property.
- ☐ A well disclosure certificate accompanies this document or has been electronically filed. (If electronically filed, insert WDC number: _____.)
- ☒ I am familiar with the property described in this instrument and I certify that the status and number of wells on the described real property have not changed since the last previously filed well disclosure certificate.

Grantor

Doyle W. Jelsing
 (signature) Doyle W. Jelsing

Vicki J. Jelsing
 (signature) Vicki J. Jelsing

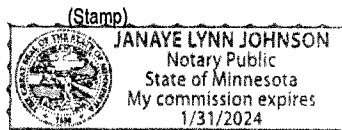
 (signature)

 (signature)

State of Minnesota, County of Aitkin

This instrument was acknowledged before me on December 6, 2023, by Doyle W. Jelsing and Vicki J. Jelsing,
 (month/day/year)

married to each other
 (insert name and marital status of each Grantor)



Janaye Lynn Johnson
 (signature of notarial officer)

Title (and Rank): _____

My commission expires: _____
 (month/day/year)

THIS INSTRUMENT WAS DRAFTED BY:
 (insert name and address)

Esquire Title Service, LLC
 204 2nd Street NW
 Aitkin, MN 56431

23-0643

TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED IN THIS INSTRUMENT SHOULD BE SENT TO:
 (insert legal name and residential or business address of Grantee)

Mark Alan Poppen and Claudia Fierro-Poppen

29490 442nd Place

Aitkin, MN 56431

EXHIBIT A

File No.: 23-0643

→ Those portions of Government Lot 2 of Section 29, Township 46, Range 27, Aitkin County, Minnesota, described as follows: Commencing at an iron monument, said iron monument being the meander corner on the northeast corner of said Government Lot 2; and assuming said North line of said Government Lot 2 as a true East and West line; thence West on North line of said Government Lot 2 a distance of 210 feet; thence South 5 degrees 48 minutes West a distance of 119.6 feet to an iron monument as the point of beginning; thence South 31 degrees 18 minutes East a distance of 175 feet; thence North 88 degrees 20 minutes East a distance of 148.1 feet, more or less, to the shore of Farm Island Lake; thence northerly along said shoreline a distance of 150 feet, more or less, to a point, said point being due East from the point of beginning; thence West 205 feet, more or less, to the point of beginning.

AND

→ Commencing at an iron monument, said iron monument being the meander corner on the northeast corner of said Government Lot 2; and assuming said North line of said Government Lot 2 as a true East and West line; thence West on North line of said Government Lot 2 a distance of 210 feet; thence South 5 degrees 48 minutes West a distance of 119.6 feet to an iron monument; thence South 31 degrees 18 minutes East a distance of 175 feet to an iron monument as the point of beginning; thence South 39 degrees 19 minutes East a distance of 50 feet to an iron monument; thence North 69 degrees 43 minutes East a distance of 124.4 feet, more or less, to an iron monument; thence South 88 degrees 20 minutes West a distance of 148.1 feet, more or less, to an iron monument at the point of beginning, Aitkin County, Minnesota.

Abstract Property