

## AGENDA

THE **BOARD OF ADJUSTMENT** WILL ASSEMBLE FOR A HEARING OF APPEALS FROM THE AITKIN COUNTY ZONING ORDINANCE ON July 2, 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 July 2, 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**

**5. DANIEL & LINDA SCHMITZ, 335 3RD ST SW, PLAINVIEW, MN 55964**, are requesting a variance from the required 100 foot ordinary high water level setback on a recreational development lake (Pine) to a setback distance of 74 feet; a variance from the required 30 foot township road right-of-way setback to a setback distance of 17 feet; a variance from the required 30 foot bluff setback to a setback distance of 11 feet; a variance from the maximum 15% building coverage to a building coverage of 24%, and a variance from the maximum 25% impervious surface coverage to a coverage of 34% to construct a 1442 square foot residence, in an area zoned shoreland. LOT 13 ECHO HILL TOWNSITE. Section Twenty-six (26), Township Forty-three (43), Range Twenty-two (22), Aitkin County, MN.

**APP-2025-000051**

### **New Business:**

**6. DANIEL & KIMBERLY BEHRENS, 5045 XERXES AVE S, MINNEAPOLIS, MN 55410**, are requesting a variance from the required 100 foot ordinary high water level setback on a recreational development lake (Hammal) to a setback distance of 52 feet to construct a 851 square foot residence with a 557 square foot attached deck, in an area zoned shoreland. .80 AC OF LOT 2 IN DOC 434115. Section Ten (10), Township Forty-six (46), Range Twenty-seven (27), Aitkin County, MN.

**APP-2025-000175**

7. Approval of minutes, June 4, 2025.
8. 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 July 2, 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.

**DANIEL & KIMBERLY BEHRENS, 5045 XERXES AVE S, MINNEAPOLIS, MN 55410**, are requesting a variance from the required 100 foot ordinary high water level setback on a recreational development lake (Hammal) to a setback distance of 52 feet to construct a 851 square foot residence with a 557 square foot attached deck, in an area zoned shoreland. .80 AC OF LOT 2 IN DOC 434115. Section Ten (10), Township Forty-six (46), Range Twenty-seven (27), Aitkin County, MN.

**APP-2025-000175**

**AITKIN COUNTY ZONING**

**Property Location**

Property:	<b>Property Location</b>				<b>Legal Description</b>			<b>Property Attributes</b>		
	<b>Parcel Number</b>	<b>Property Address</b>	<b>Township or City Name</b>	<b>Owner Name(s)</b>	<b>Taxpayer Name(s)</b>	<b>Legal Description</b>	<b>Plat Name</b>	<b>Section-Township-Range</b>	<b>Lake Class</b>	<b>Lake Name</b>
	07-0-021600	32553 420TH PL AITKIN MN 56431	FARM ISLAND TWP	BEHRENS, DANIEL & KIMBERLY	BEHRENS, DANIEL & KIMBERLY	.80 AC OF LOT 2 IN DOC 434115		S:10 T:46 R:27	RD	HAMMAL LAKE
Driving directions to the proposed project from Aitkin:	South on 169. Turn right onto 416th Avenue. Turn right onto Daisy Lane. Turn left onto 420th Place. Turn right into shared driveway (32549) then drive straight on easement to property.									
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 received a variance to add an addition to our cabin in 2016 (41842V), as well as add a septic system and well. The septic system and well are in place but we did not make the addition. We are requesting a variance to demolish and reconstruct the cabin to the previously approved variance footprint, due to foundation conditions subsequently discovered which render that the more practical option.</p>
<p>Attach prepared narrative here:</p>	<p>File 1: <a href="#">Variance.pdf</a></p>
<p>Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:</p>	<p>5.2, 6.3</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: <a href="#">supplemental-data.pdf</a></p>
------------------------------------	--

### A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<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>Indicate all setback distances for items listed above: ordinary high water level of lakes or rivers, lot lines, road right-of-ways, etc.</p>
Attach a Scaled Drawing or Survey:	<p>File 1: <a href="#">NE_GL2_BEHERENS_293B2089.000_COS.pdf</a></p>

### Side Profile Sketch of the Structure

Attach a side profile sketch of your proposed structure or addition here (if applicable):	<p>File 1: <a href="#">MAR054_SD2.pdf</a></p>
---	---

### 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.	<p>File 1: <a href="#">Behrens_Compliance_5.13.25.pdf</a></p>
--	---

### Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:	File 1: <a href="#">shoreland-performance.pdf</a>
---	---

### Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:	File 1: <a href="#">erosion_control_plan.pdf</a> File 2: <a href="#">erosion-control-plan.pdf</a>
--	--

### Property Deed

Attach the property deed(s):	File 1: <a href="#">BEHRENS_DEED.pdf</a>
------------------------------	--

### Terms

#### General Terms

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

**Invoice #62656 (04/10/2025) Expected Payment Method: Pay Online - Card or ECheck**

Charge	Cost	Quantity	Total
<b>Recording Fee</b> added 04/10/2025 9:13 PM \$46 Flat Fee	\$46.00	x 1	\$46.00
<b>Variance</b> added 04/10/2025 9:13 PM \$650 Flat Fee	\$650.00	x 1	\$650.00
<b>Grand Total</b>			
			<b>Total</b>
			<b>\$696.00</b>
			<b>Payment 04/10/2025</b>
			<b>\$696.00</b>
			<b>Due</b>
			<b>\$0.00</b>

**Results** ([Go to top](#))  
 Signature accepted  
 Failed to send [Variance Ready for Action](#) notification to:

**Approvals**

Approval	Signature
Applicant	daniel behrens - 05/13/2025 10:28 AM d26c5a086a3b55ed44f6b99f9ce922141 340999ce614913460260b1d995b28f4a
#1 Administrative Review	Kim Burton - 05/20/2025 12:24 PM 20e0295baf8d69076e44f64992658f4a 108a230cf5d51f2aebde29dc4a74f7e5
#2 Board of Adjustment Approval	

Public Notes

Text:	<div style="border: 1px solid black; height: 300px;"></div>
File(s):	<div style="border: 1px dashed black; height: 20px;"></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
<b>UID #</b>	213588	<i>not applicable</i>
<b>App. #</b>	<input type="text" value="2025-000175"/>	<input type="button" value="««"/> 2025-000334
<b>Permit #</b>	<input type="text"/>	<input type="button" value="««"/> 2025-0231

Print View

# VARIANCE APPLICATION

OWNER NAME CANZEL, DWAYNE FRICHARD PARCEL # 07-0-021600  
 MAIL ADDRESS 5663 65<sup>TH</sup> ST SE  
 CITY DELANO STATE MN ZIP 55328  
 E911 ADDRESS OF PROPERTY 32553 420<sup>TH</sup> PL  
 CITY AITKIN STATE MN ZIP 56431  
 TELEPHONE # 612-865-4938 EMAIL dbehrens@haagglobal.com  
 TOWNSHIP FARM ISLAND  
 LEGAL DESCRIPTION 0.80 AC OF LOT 2 IN B29 MISC D P 473  
 SECTION 10 TOWNSHIP 46 RANGE 27

OFFICE USE ONLY	
DATE	<u>5/4/16</u> APPROVE / DENY
MEETING DATE	<u>5-4-16</u>
PERMIT #	<u>41842V</u>
RECEIPT #	<u>375798/928756</u>
CHECK #	<u>2058/2059</u>
CONFORMING SEPTIC	YES P# NO <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">NEW</span>

IS THIS AN AFTER-THE-FACT REQUEST? YES  NO

PLACE AN "X" BY THE ORDINANCE(S) AND PROVIDE THE SECTION(S) OF THE ORDINANCE(S) FROM WHICH YOU ARE REQUESTING A VARIANCE.

SHORELAND MANAGEMENT ORDINANCE SECTION(S) 5.2, 6.3 Variance approved to attach an 8x2 & 12x20 residence addition to an existing non conforming structure located 52' from the OHW and variance to install a septic system located 40' from the OHW

ZONING ORDINANCE SECTION(S) \_\_\_\_\_

SUBSURFACE SEWAGE TREATMENT SYSTEM ORDINANCE SECTION(S) \_\_\_\_\_

SUBDIVISION REGULATIONS OF AITKIN COUNTY SECTION(S) \_\_\_\_\_

OTHER: \_\_\_\_\_

EXPLAIN YOUR REQUESTED VARIANCE NEED(S): Give details of the type, size, and purpose of proposed changes. Explain why you cannot complete the project by permit as the burden is on the applicant to show a practical difficulty. Attach additional sheets labeled "Variance Request", if necessary. - SEE ATTACHED -

w/ 2 conditions: 1) with the staff recommended shoreland performance A(2), 2) require compliance on an existing outhouse

I have read and fully understand the above instructions. I am the fee title owner of the above described property or the authorized agent thereof, and I agree to this application and warrant and assert that I am authorized by ownership and/or law to apply for the permit in question. The applicant hereby certifies that the information contained in this application is a true, accurate and complete representation of facts and conditions concerning the proposed variance application. The applicant hereby makes application for a variance agreeing to do all such work in accordance with all Aitkin County Ordinances. Applicant agrees that application, sketch or survey, and other attachments submitted herewith are true and accurate and shall become a part of the permit. Applicant agrees that, in making application for a variance, applicant grants permission to Aitkin County, at reasonable times to enter landowner's premises, to determine compliance of that application with any applicable county, state, or federal ordinances or statutes. If any of the information provided by the applicant in his/her application is later found or determined by the County to be inaccurate, the County may revoke the variance and/or accompanying permit based upon the supplying of inaccurate information

X Don B. Behrens (AGENT) PROPERTY OWNER SIGNATURE DATE: 4/9/16

**DO NOT WRITE BELOW THIS LINE**

ZONING DISTRICT & FLOOD PLAIN  
 ZONING DISTRICT Shoreland  
 LAKE/STREAM RIVER NAME Hannal  
 LAKE/RIVER ID NUMBER 01-0161  
 LAKE/RIVERSTREAM CLASSIF. Rec. Dev.  
 PARCEL LOCATED IN FLOOD PLAIN? Y  N   
 10/100-YR. FLOOD ELEVATION 1241.4  
 LOWEST FLOOR ELEVATION \_\_\_\_\_  
 ELEV. CERTIFICATE REQUIRED BEFORE CONSTRUCTION Y  N   
 AFTER CONSTRUCTION Y  N

STRUCTURE SETBACK DISTANCE  
 (Measure from eaves or overhang)  
 OHW TO LAKE/RIVER/STREAM 52' variance  
 PROPERTY LINE SETBACK (10-ft / 20-ft.)  
 SETBACK TO ROAD R-O-W (30-ft. Twp. / 50-ft. Co., State, Fed.)  
 SETBACK TO BLUFF (30-ft.)

SEPTIC SYSTEM SETBACK DISTANCES  
 SETBACK TO STRUCTURES (10-FT. TANK / 20-FT. DRAIN FIELD)  
 OHW TO LAKE/RIVER 47.7 variance  
 PROPERTY LINE SETBACK (10-ft.)  
 SETBACK TO ROAD R-O-W (10-ft.)

APPLICATION DATE 4-12-16 MEETING DATE 5-4-16

60-DAY EXPIRATION DATE 6-10-16  
 (MEETING MUST OCCUR BEFORE THIS DATE UNLESS WRITTEN EXTENSION OF THE 60-DAY TIME PERIOD IS MADE. WRITTEN EXTENSION MUST BE MADE PRIOR TO THE EXPIRATION OF THE FIRST 60-DAY TIME PERIOD)

AITKIN COUNTY ZONING

FINDINGS OF FACT

SUPPORTING/DENYING A VARIANCE

NAME OF APPLICANT Ganzei, Duayne & Richard DATE 5-4-16

PERMIT NUMBER 41842V TAX PARCEL NUMBER 07-0 - 021600

DECISIONAL STANDARDS WHEN GRANTING OR DENYING A VARIANCE:

- 1. IS THE VARIANCE IN HARMONY WITH THE GENERAL PURPOSES AND INTENT OF THE OFFICIAL CONTROL AND CONSISTENT WITH THE COMPREHENSIVE PLAN? YES NO

WHY or WHY NOT? Yes, the granting a variance where the applicant has exhibited a practical difficulty to develop a spot on a peninsula while situating the building side to maximize setbacks is in harmony with the official control

- 2. IS THE OWNER PROPOSING TO USE THE PROPERTY IN A REASONABLE MANNER NOT PERMITTED BY THE OFFICIAL CONTROL? YES NO

WHY or WHY NOT? Yes, the property is peninsula and would require variance due to overlapping setbacks and the cabin is reasonable in size and is centered on the peninsula to maximize existing setbacks

- 3. IS THE PRACTICAL DIFFICULTY DUE TO CIRCUMSTANCES UNIQUE TO THIS PROPERTY? YES NO

WHY or WHY NOT? Yes it was an island and is a peninsula effected by setbacks on all sides

(Over)

4. IS THE NEED FOR THE VARIANCE CREATED BY ACTIONS OTHER THAN THE LANDOWNER OR PRIOR LANDOWNERS? YES NO

WHY or WHY NOT? Yes, the geography of the lot require  
Variance

5. WILL THE ISSUANCE OF THE VARIANCE MAINTAIN THE ESSENTIAL CHARACTER OF THE LOCALITY? YES NO

WHY or WHY NOT? Yes, the building site selected <sup>maximizes</sup>  
the setbacks available while still allowing for a  
reasonably sized residence

6. DOES THE PRACTICAL DIFFICULTY INVOLVE MORE THAN ECONOMIC CONSIDERATIONS? YES NO

WHY or WHY NOT? Yes, the fact the property is a  
peninsula and see Findings 1-6

**IF ALL OF THE DECISIONAL STANDARDS ARE ANSWERED (YES) THE CRITERIA FOR GRANTING THE VARIANCE HAVE BEEN MET.**

NOTICE OF DECISION for

STATE OF MINNESOTA  
COUNTY OF AITKIN

AITKIN COUNTY BOARD OF ADJUSTMENT  
VARIANCE PROCEEDINGS

3-0

IN THE MATTER OF PERMIT NUMBER: 41842V

VARIANCE Denied or Approved (Circle one)

APPLICANT:

Name Duwayne & Richard Ganzel / Daniel Behrens  
Mailing Address 3208 E. 52nd St  
City, State, Zip Minneapolis MN 55417

The above entitled matter came to be heard before the Board of Adjustment on the 4th day of May, 2016, on a petition for a Variance pursuant to the Aitkin County Zoning Ordinance, for the following described parcel of land: .80 AC OF LOT 2 IN B 29 MISC D P 473

IT IS ORDERED that a Variance Be granted upon the following conditions or reasons (if any):

- ① With the staff recommended should and performance A(2)
- ② Require Compliance on existing out house

**FINDINGS OF FACTS or CONDITIONS (if any)  
WILL BE FORTHCOMING ON THE RECORDING DOCUMENT**

DATED THIS 3 DAY OF May, 2016

[Signature]  
Chairperson of the Board of Adjustment or  
Authorized Representative

Applicant acknowledges receipt of this document.

[Signature]  
Signature of Applicant

**THIS INSTRUMENT WAS DRAFTED BY:**  
AITKIN COUNTY ZONING ADMINISTRATOR  
COURTHOUSE  
AITKIN, MINNESOTA 56431

*Appeal of this decision shall be within 30 days after receipt of this notice of Decision, to the District Court in the County in which the land is located on questions of law and fact.*

# 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](http://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
- Crawlspace
- Walk-out Basement
- One Story Level
- Story-and-a-Half Level
- 2<sup>nd</sup> Story Level

Proposed # of Bedrooms 2 Proposed Structure Height 17.2 ft.

Existing Total Building Coverage 3.5 % Proposed Total Building Coverage 4.1 %

Existing Total Impervious Surface Coverage 9.9 % Proposed Total Impervious Surface Coverage 10.5%

*"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):

851 sf - cabin  
557 sf - deck  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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) Cabin (with living quarters)

<input checked="" type="checkbox"/> Ordinary High Water Level (OHWL)	Proposed Setback <u>52</u> ft.
<input type="checkbox"/> Property Line	Proposed Setback _____ ft.
<input type="checkbox"/> Road Right-of way ___ Twp ___ Co. ___ State	Proposed Setback _____ ft.
<input type="checkbox"/> Bluff	Proposed Setback _____ ft.
<input type="checkbox"/> 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  
 2<sup>nd</sup> Story Level

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  
 2<sup>nd</sup> Story Level

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):

---



---



---



---

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. _____

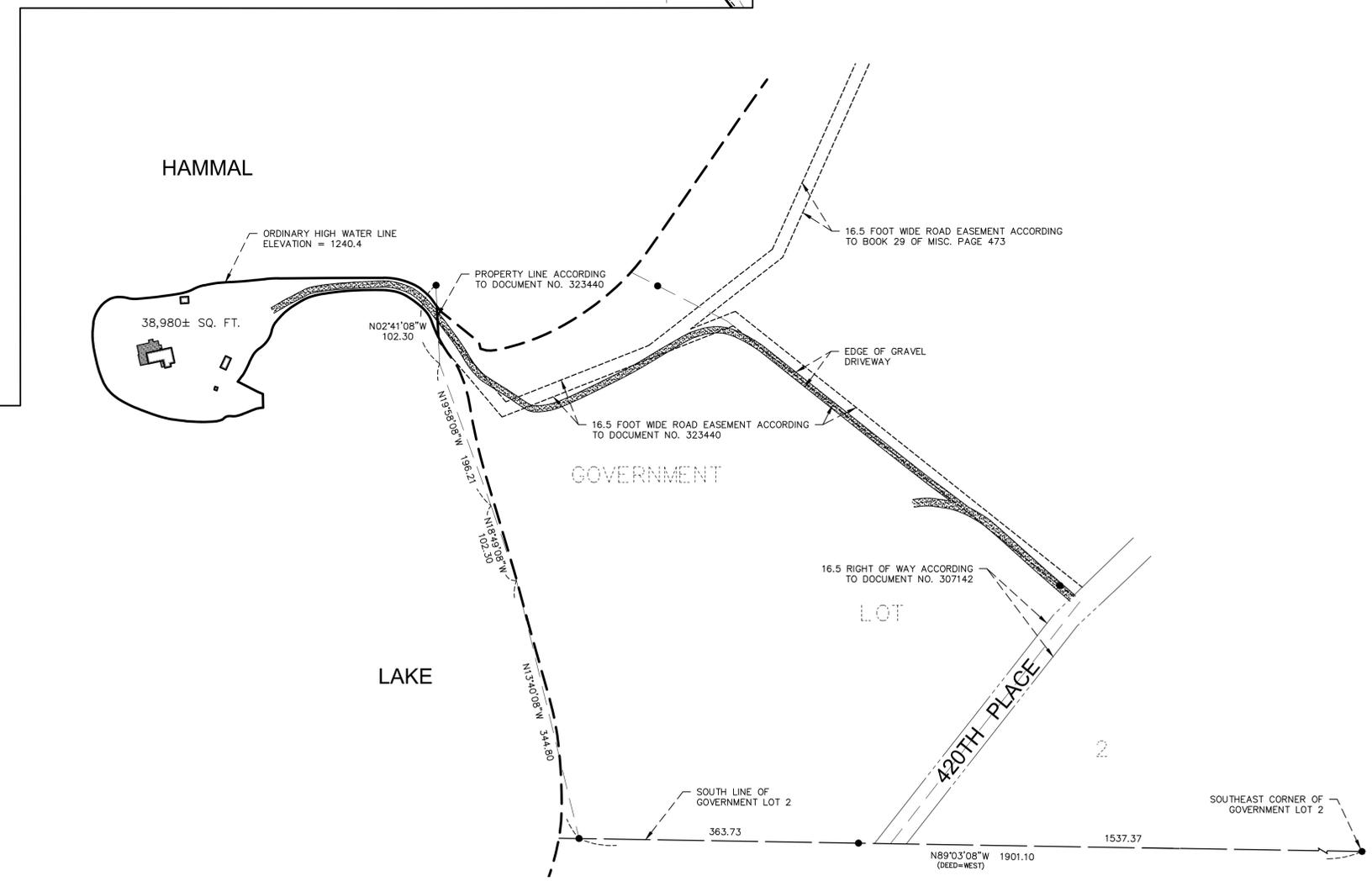
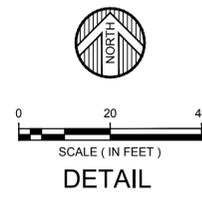
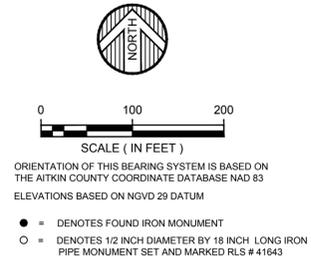
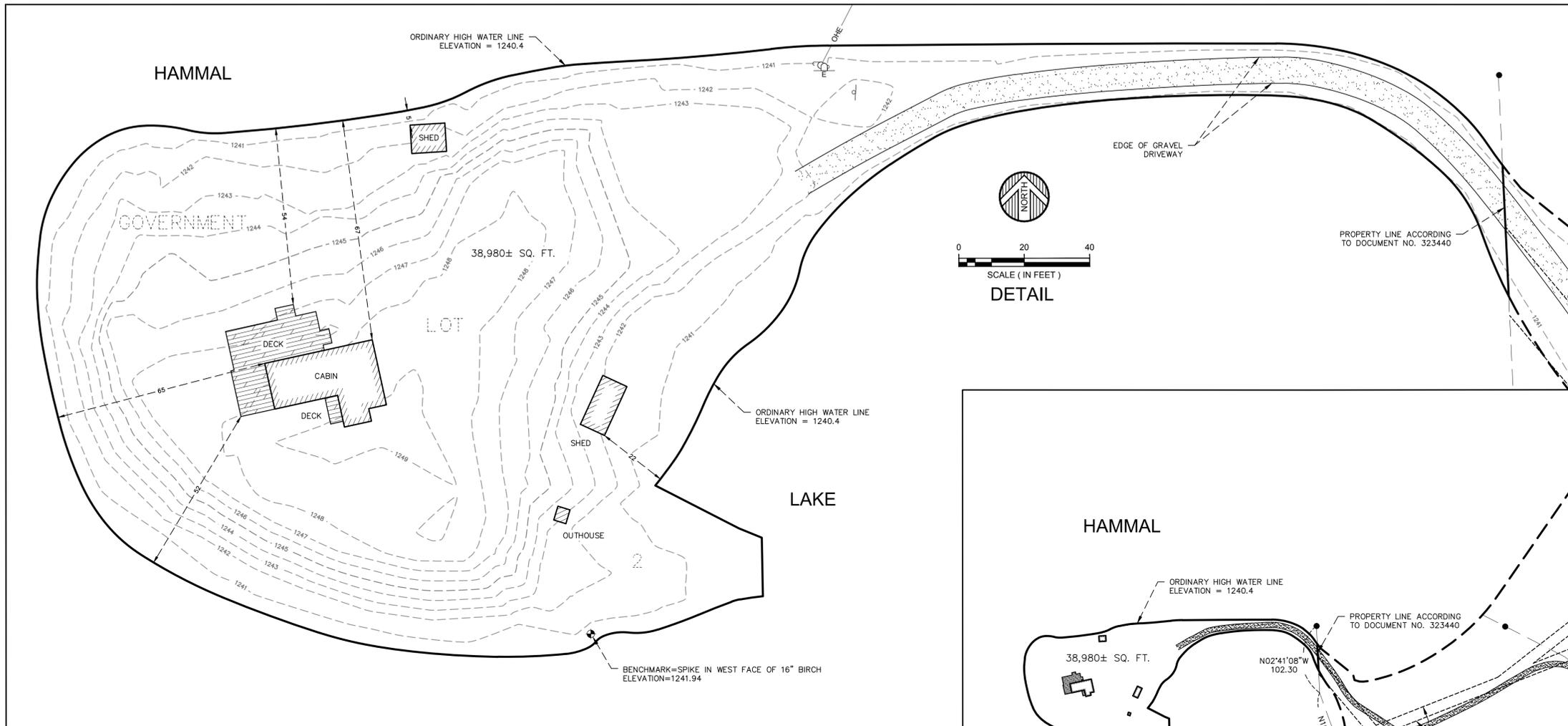
### **Section 5 – Creating Nonconforming Lot(s)**

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	

# CERTIFICATE OF SURVEY

## PART OF GOVERNMENT LOT 2, SECTION 10, TOWNSHIP 46, RANGE 27, AITKIN COUNTY, MINNESOTA



**LEGAL DESCRIPTION TAKEN FROM A PORTION OF DOCUMENT NO. 323440:**

That portion of Government Lot Two (2), Section Ten (10), Township Forty-Six (46), Range Twenty-Seven (27), which lies Westerly of the following described line: Commencing at the southeast corner of said Government Lot Two (2) and running thence West along the South line thereof a distance of one thousand nine hundred and one-tenth (1901.1) feet to the meander corner of the shore of Hammal (Bass) Lake; Thence deflect to the right seventy-five degrees twenty-three minutes (75 degrees 23 minutes) for a distance of three hundred forty-four and eight-tenths (344.8) feet; Thence deflect to the left five degrees nine minutes (5 degree 9 minutes) for a distance of one hundred two and three-tenths (102.3) feet; Thence deflect to the left one degree nine minutes (1 degree 9 minutes) for a distance of one hundred ninety-six and twenty-one hundredths (196.21) feet to the point of beginning of the line to be herein described and which point is on the shore of Hammal (Bass) Lake; Thence deflect to the right seventeen degrees seventeen minutes (17 degrees 17 minutes) for a distance of one hundred two and three-tenths (102.3) feet more or less to a point on Hammal (Bass) Lake and there ending; said tract containing .8 acres more or less; subject to mineral reservations and easements of record in any.

**SURVEYOR'S NOTES:**

THE ADDRESS FOR THE SUBJECT PROPERTY IS 32553 420TH PLACE, AITKIN, MINNESOTA.  
 THE PID FOR THE SUBJECT PROPERTY IS 07-0-021600.  
 HAMMAL LAKE IS CLASSIFIED AS A RECREATIONAL DEVELOPMENT LAKE.  
 BUILDING SETBACK FROM THE ORDINARY HIGH WATER LINE ON HAMMAL LAKE IS 100 FEET.  
 THE UTILITIES SHOWN ON THIS SURVEY ARE ACCORDING TO VISIBLE EVIDENCE ONLY. WIDSETH SMITH NOLTING ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACIES OF THESE LOCATIONS. FURTHER LOCATION AND VERIFICATION ARE RECOMMENDED PRIOR TO ANY CONSTRUCTION OR EXCAVATION.

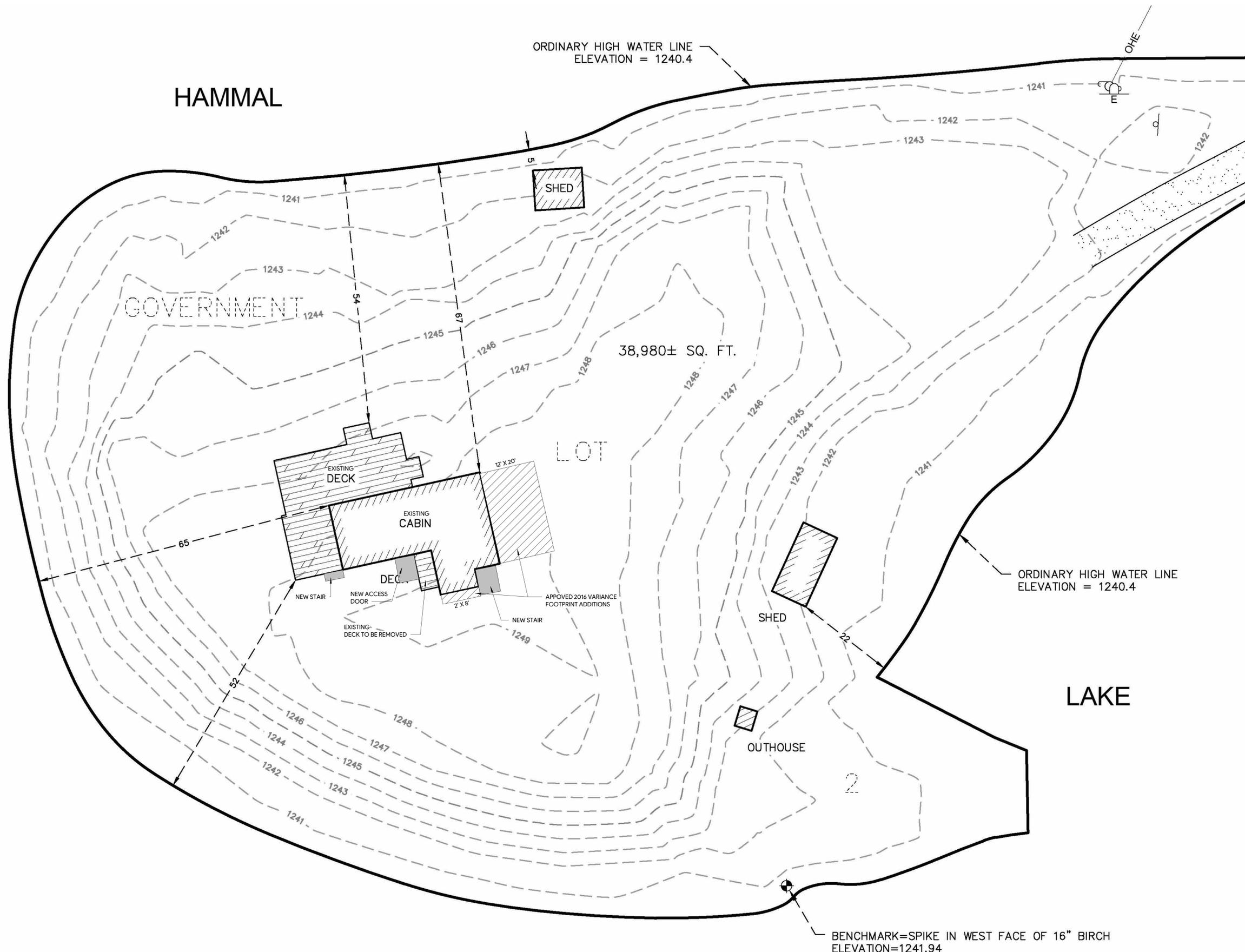
THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR OPINION. THERE MAY BE EASEMENTS OR OTHER LIMITING FACTORS WHICH AFFECT THE SUBJECT PROPERTY THAT ARE NOT SHOWN ON THIS SURVEY.

AS NOTED, THIS SURVEY IS BASED ON THE AITKIN COUNTY COORDINATE DATABASE NAD 83. ALTHOUGH THE EXISTING DEED BEARINGS DIFFER FROM THE AITKIN COUNTY BEARING SYSTEM, THE ANGULAR RELATIONSHIP BETWEEN THE BOUNDARY LINES SHOWN CORRESPONDS TO THE DEED LINES.

DATE: 4-11-16	DATE:	AMENDMENTS:	BY:
SCALE: AS SHOWN			PREPARED FOR: DANIEL BEHRENS
DRAWN BY: RDS			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.
CHECKED BY: CMC			
FILE NUMBER: 0293B2089.000			CHAD M. CONNER DATE: 04-11-2016 LIC. NO. 41643

**WIDSETH SMITH NOLTING**

Engineering | Architecture | Surveying | Environmental



ORDINARY HIGH WATER LINE  
ELEVATION = 1240.4

ORDINARY HIGH WATER LINE  
ELEVATION = 1240.4

BENCHMARK=SPIKE IN WEST FACE OF 16" BIRCH  
ELEVATION=1241.94

1 SITE PLAN  
A-002 1" = 10'-0"

HAMMAL

GOVERNMENT

LOT

38,980± SQ. FT.

LAKE

SHED

EXISTING DECK

EXISTING CABIN

DEC

NEW ACCESS DOOR

NEW STAIR

EXISTING DECK TO BE REMOVED

APPROVED 2016 VARIANCE FOOTPRINT ADDITIONS

NEW STAIR

SHED

OUTHOUSE

UNSPECIFIED HEADERS TO BE 2-2x10 W/ 2 TRIMMERS

10" MIN. STAIR TREAD DEPTH & 7 3/4" MAX STAIR RISER HEIGHT

ALL ANGLES ARE 45 DEGREES UNLESS NOTED OTHERWISE

ALL EXTERIOR DIMENSIONS ARE TO OUTSIDE OF SHEATHING, CONCRETE OR FOUNDATION INSULATION

THE IDEAS, DESIGNS, DRAWINGS AND SPECIFICATIONS REPRESENTED HEREIN ARE AND SHALL REMAIN THE EXCLUSIVE COPYRIGHT PROPERTY OF MARKA, LLC. NO PART THEREOF SHALL BE USED, COPIED, OR DISCLOSED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF MARKA, LLC. THE PLANS FURNISHED HEREIN WERE PREPARED UPON REQUEST AND ARE NO MEANS MEANT TO BE ALL INCLUSIVE. MARKA, LLC ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. THE CONTRACTOR AND/OR OWNER MUST VERIFY AND CHECK ALL NOTES, DETAILS, ELEVATIONS, SECTIONS AND FLOOR PLANS AND NOTIFY MARKA, LLC OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION. NO WARRANTIES ARE EXPRESSED OR IMPLIED INCLUDING COMPLIANCE OF THIS PLAN WITH APPLICABLE BUILDING CODE REQUIREMENTS. THE SELECTION AND APPLICATION OF CORRECT STRUCTURAL MATERIALS IS THE RESPONSIBILITY OF THE BUILDER, THE OWNER OR THE USER OF THESE PLANS.



marka

ARCHITECTURE

P.O. BOX 391  
5411 LAKERS LANE, SUITE 204  
NISSWA, MN 56468  
PH (218) 232-6031  
MARKA.DESIGN

**PRELIMINARY - NOT FOR CONSTRUCTION**

**BEHRENS CABIN**

32553 420th Pl. Aitkin, MN

DATE	
RELEASED	7.23.24
REV. 1	8.27.24
REV. 2	
REV. 3	
REV. 4	
REV. 5	
REV. 6	

PLATE HEIGHTS	
UPPER:	
MAIN:	8'-1 1/8"
FOUND:	

FINISHED SQUARE FEET	
UPPER:	
MAIN:	
LOWER:	
BONUS:	
TOTAL:	

PROJECT  
**MAR054**  
SHEET  
**A-002**

8/27/2024 2:00:56 PM

SHEET INDEX	
SHEET NUMBER	SHEET NAME
A-002	SITE PLAN
A-201	ELEVATIONS
A-402	FLOOR PLANS
A-901	ISOS
A-902	ISOS



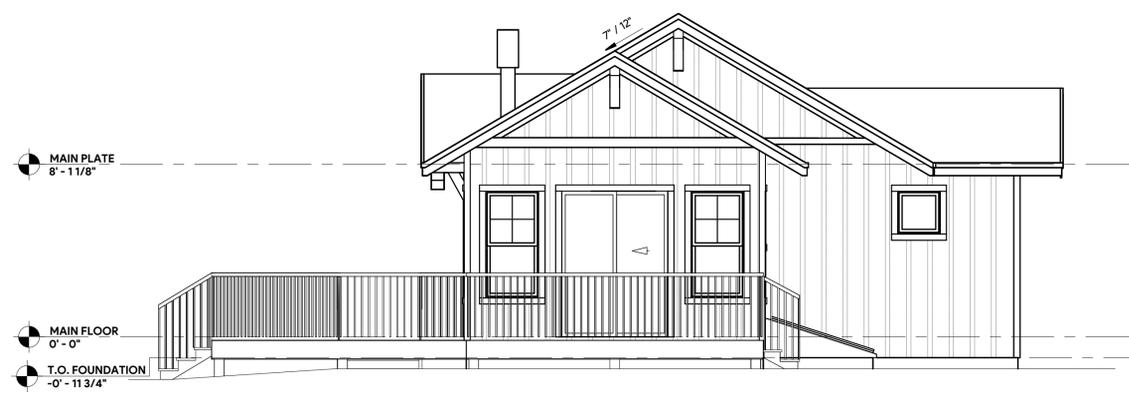
**marka**  
ARCHITECTURE  
P.O. BOX 391  
5411 LAKERS LANE, SUITE 204  
NISSWA, MN 56468  
PH (218) 232-6031  
MARKA.DESIGN

**PRELIMINARY - NOT FOR CONSTRUCTION**

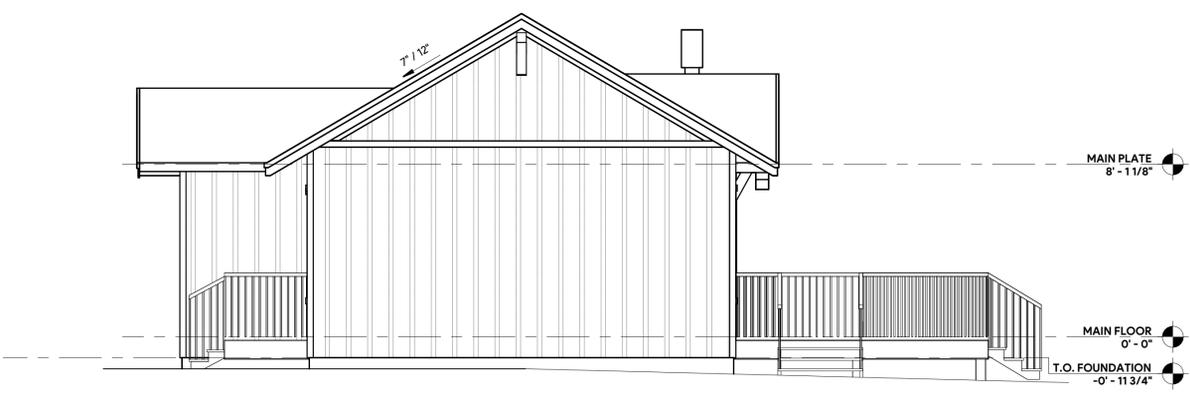
**BEHRENS CABIN**  
32553 420th Pl. Aitkin, MN



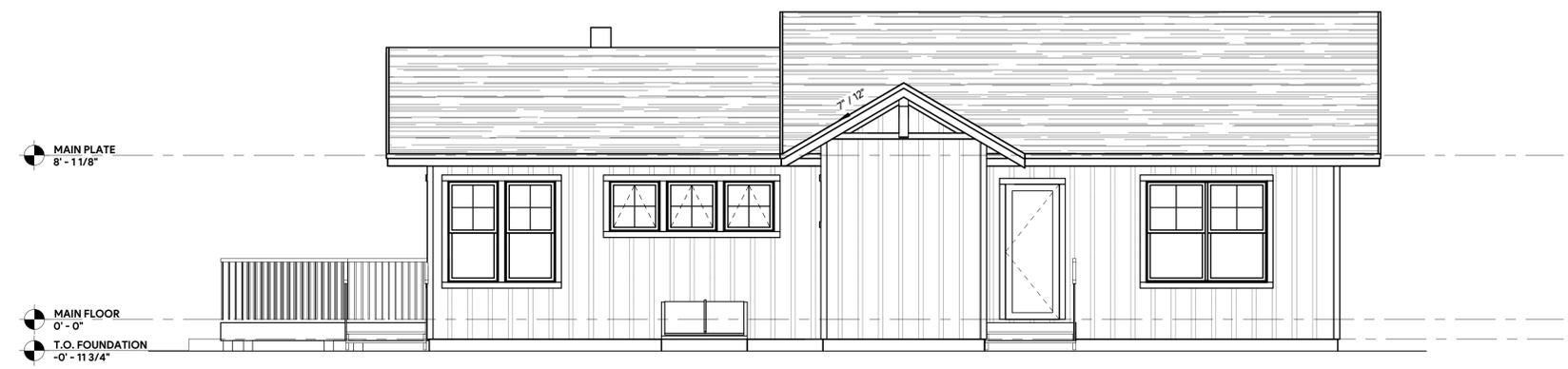
**3 NORTH ELEVATION**  
A-201 1/4" = 1'-0"



**2 WEST ELEVATION**  
A-201 1/4" = 1'-0"



**1 EAST ELEVATION**  
A-201 1/4" = 1'-0"



**4 SOUTH ELEVATION**  
A-201 1/4" = 1'-0"

DATE	
RELEASED	7.23.24
REV. 1	8.27.24
REV. 2	
REV. 3	
REV. 4	
REV. 5	
REV. 6	

PLATE HEIGHTS	
UPPER:	
MAIN:	8'-11 1/8"
FOUND.:	

FINISHED SQUARE FEET	
UPPER:	
MAIN:	
LOWER:	
BONUS:	
TOTAL:	

UNSPECIFIED HEADERS TO BE 2-2x10 W/ 2 TRIMMERS      10" MIN. STAIR TREAD DEPTH & 7 3/4" MAX STAIR RISER HEIGHT      ALL ANGLES ARE 45 DEGREES UNLESS NOTED OTHERWISE      ALL EXTERIOR DIMENSIONS ARE TO OUTSIDE OF SHEATHING, CONCRETE OR FOUNDATION INSULATION

THE IDEAS, DESIGNS, DRAWINGS AND SPECIFICATIONS REPRESENTED HEREIN ARE AND SHALL REMAIN THE EXCLUSIVE COPYRIGHT PROPERTY OF MARKA, LLC. NO PART THERE OF SHALL BE USED, COPIED, OR DISCLOSED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF MARKA, LLC. THE PLANS FURNISHED HEREIN WERE PREPARED UPON REQUEST AND ARE NO MEANS MEANT TO BE ALL INCLUSIVE. MARKA, LLC ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. THE CONTRACTOR AND/OR OWNER MUST VERIFY AND CHECK ALL NOTES, DETAILS, ELEVATIONS, SECTIONS AND FLOOR PLANS AND NOTIFY MARKA, LLC OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION. NO WARRANTIES ARE EXPRESSED OR IMPLIED INCLUDING COMPLIANCE OF THIS PLAN WITH APPLICABLE BUILDING CODE REQUIREMENTS. THE SELECTION AND APPLICATION OF CORRECT STRUCTURAL MATERIALS IS THE RESPONSIBILITY OF THE BUILDER, THE OWNER OR THE USER OF THESE PLANS.

PROJECT  
**MAR054**  
SHEET  
**A-201**

8/27/2024 2:06:56 PM



marka

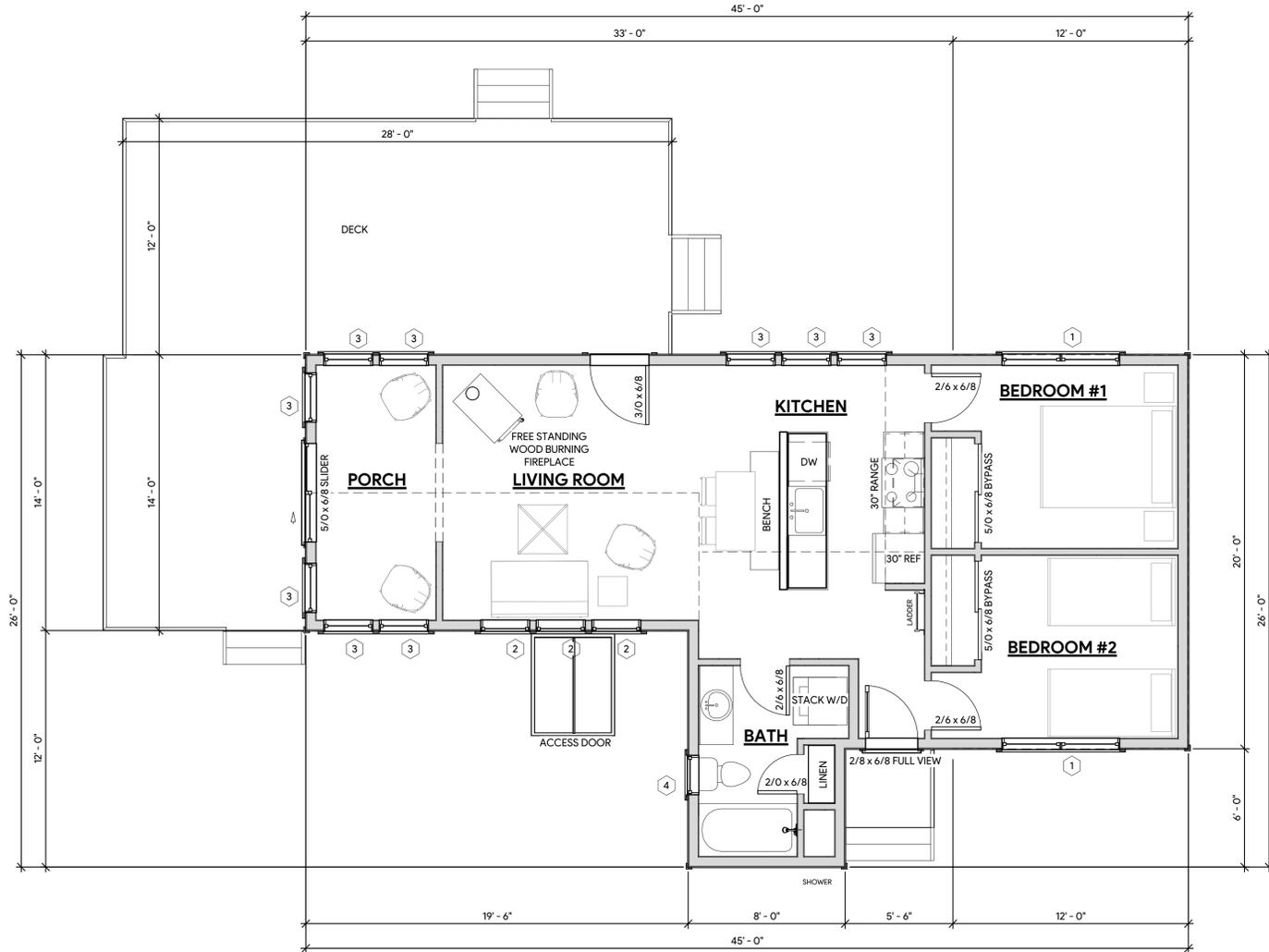
ARCHITECTURE

P.O. BOX 391  
5411 LAKERS LANE, SUITE 204  
NISSWA, MN 56468  
PH (218) 232-6031  
MARKA.DESIGN

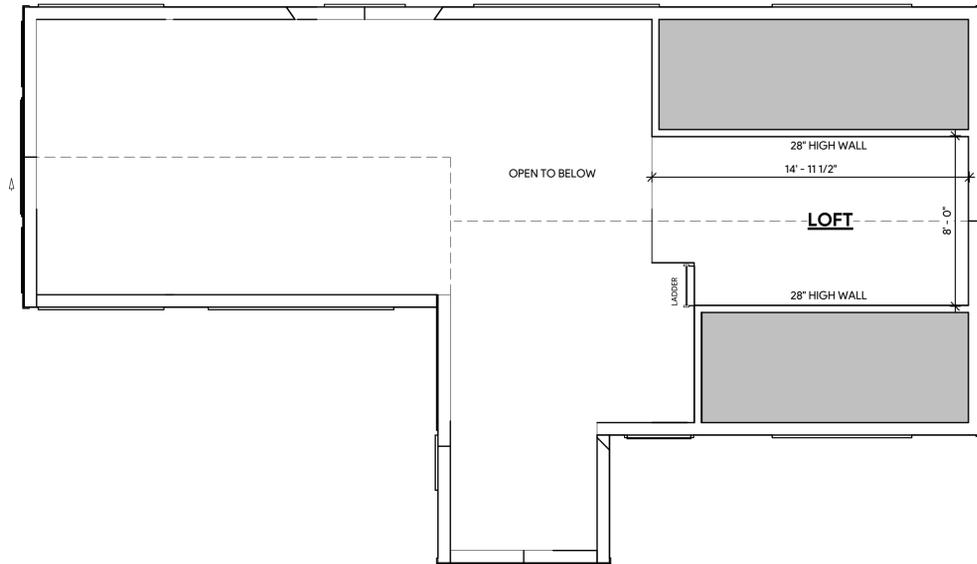
# PRELIMINARY - NOT FOR CONSTRUCTION

## BEHRENS CABIN

32553 420th Pl. Aitkin, MN



1 MAIN FLOOR PLAN  
A-402 1/4" = 1'-0"



2 UPPER FLOOR PLAN  
A-402 1/4" = 1'-0"

WINDOW SCHEDULE							
TYPE MARK	MANUFACTURER	MODEL	UNIT	COUNT	ROUGH WIDTH	ROUGH HEIGHT	HEAD HEIGHT
1	MARVIN	ESSENTIAL	ESDH3050 2W E	2	6'-0"	5'-0"	6'-10"
2	MARVIN	ESSENTIAL	ESAWN2626	3	2'-6"	2'-6"	6'-10"
3	MARVIN	ESSENTIAL	ESDH2650	9	2'-6"	5'-0"	6'-10"
4	MARVIN	ESSENTIAL	ESAWN2020 FIXED	1	2'-0"	2'-0"	6'-10"

DATE	
RELEASED	7.23.24
REV. 1	8.27.24
REV. 2	
REV. 3	
REV. 4	
REV. 5	
REV. 6	

PLATE HEIGHTS	
UPPER:	
MAIN:	8'-1 1/8"
FOUND.:	

FINISHED SQUARE FEET	
UPPER:	
MAIN:	
LOWER:	
BONUS:	
TOTAL:	

PROJECT  
**MAR054**  
SHEET  
**A-402**

UNSPECIFIED HEADERS TO BE 2-2x10 W/ 2 TRIMMERS

10" MIN. STAIR TREAD DEPTH & 7 3/4" MAX STAIR RISER HEIGHT

ALL ANGLES ARE 45 DEGREES UNLESS NOTED OTHERWISE

ALL EXTERIOR DIMENSIONS ARE TO OUTSIDE OF SHEATHING, CONCRETE OR FOUNDATION INSULATION

THE IDEAS, DESIGNS, DRAWINGS AND SPECIFICATIONS REPRESENTED HEREIN ARE AND SHALL REMAIN THE EXCLUSIVE COPYRIGHT PROPERTY OF MARKA, LLC. NO PART THERE OF SHALL BE USED, COPIED, OR DISCLOSED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF MARKA, LLC. THE PLANS FURNISHED HEREIN WERE PREPARED UPON REQUEST AND ARE NO MEANS MEANT TO BE ALL INCLUSIVE. MARKA, LLC ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. THE CONTRACTOR AND/OR OWNER MUST VERIFY AND CHECK ALL NOTES DETAILS, ELEVATIONS, SECTIONS AND FLOOR PLANS AND NOTIFY MARKA, LLC OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION. NO WARRANTIES ARE EXPRESSED OR IMPLIED INCLUDING COMPLIANCE OF THIS PLAN WITH APPLICABLE BUILDING CODE REQUIREMENTS. THE SELECTION AND APPLICATION OF CORRECT STRUCTURAL MATERIALS IS THE RESPONSIBILITY OF THE BUILDER, THE OWNER OR THE USER OF THESE PLANS.

8/27/2024 2:00:56 PM



marka

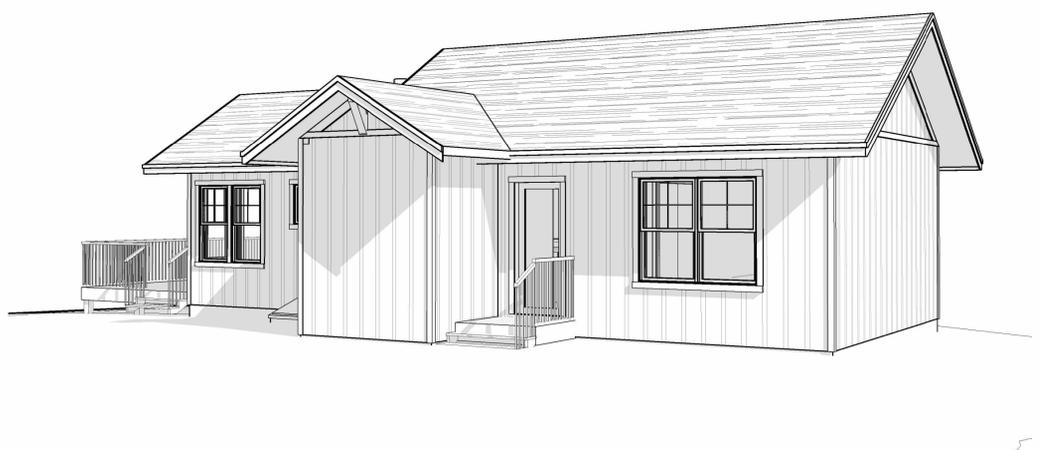
ARCHITECTURE

P.O. BOX 391  
5411 LAKERS LANE, SUITE 204  
NISSWA, MN 56468  
PH (218) 232-6031  
MARKA DESIGN

**PRELIMINARY - NOT FOR CONSTRUCTION**

**BEHRENS CABIN**

32553 420th Pl. Aitkin, MN



DATE	
RELEASED	7.23.24
REV. 1	8.27.24
REV. 2	
REV. 3	
REV. 4	
REV. 5	
REV. 6	

PLATE HEIGHTS	
UPPER:	
MAIN:	8'-1 1/8"
FOUND.:	

FINISHED SQUARE FEET	
UPPER:	
MAIN:	
LOWER:	
BONUS:	
TOTAL:	

PROJECT  
**MAR054**  
SHEET  
**A-901**

UNSPECIFIED HEADERS TO BE 2-2x10 W/ 2 TRIMMERS      10" MIN. STAIR TREAD DEPTH & 7 3/4" MAX STAIR RISER HEIGHT      ALL ANGLES ARE 45 DEGREES UNLESS NOTED OTHERWISE      ALL EXTERIOR DIMENSIONS ARE TO OUTSIDE OF SHEATHING, CONCRETE OR FOUNDATION INSULATION

THE IDEAS, DESIGNS, DRAWINGS AND SPECIFICATIONS REPRESENTED HEREIN ARE AND SHALL REMAIN THE EXCLUSIVE COPYRIGHT PROPERTY OF MARKA, LLC. NO PART THERE OF SHALL BE USED, COPIED, OR DISCLOSED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF MARKA, LLC. THE PLANS FURNISHED HEREIN WERE PREPARED UPON REQUEST AND ARE NO MEANS MEANT TO BE ALL INCLUSIVE. MARKA, LLC ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. THE CONTRACTOR AND/OR OWNER MUST VERIFY AND CHECK ALL NOTES DETAILS, ELEVATIONS, SECTIONS AND FLOOR PLANS AND NOTIFY MARKA, LLC OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION. NO WARRANTIES ARE EXPRESSED OR IMPLIED INCLUDING COMPLIANCE OF THIS PLAN WITH APPLICABLE BUILDING CODE REQUIREMENTS. THE SELECTION AND APPLICATION OF CORRECT STRUCTURAL MATERIALS IS THE RESPONSIBILITY OF THE BUILDER, THE OWNER OR THE USER OF THESE PLANS.

8/27/2024 2:01:15 PM



**marka**

ARCHITECTURE

P.O. BOX 391  
5411 LAKERS LANE, SUITE 204  
NISSWA, MN 56468  
PH (218) 232-6031  
MARKA.DESIGN

**PRELIMINARY - NOT FOR CONSTRUCTION**

**BEHRENS CABIN**

32553 420th Pl. Aitkin, MN

**DATE**

RELEASED	7.23.24
REV. 1	8.27.24
REV. 2	
REV. 3	
REV. 4	
REV. 5	
REV. 6	

**PLATE HEIGHTS**

UPPER:	
MAIN:	8'-1 1/8"
FOUND.:	

**FINISHED SQUARE FEET**

UPPER:	
MAIN:	
LOWER:	
BONUS:	
TOTAL:	

**PROJECT**

**MAR054**

**SHEET**

**A-902**

UNSPECIFIED HEADERS TO BE 2-2x10 W/ 2 TRIMMERS

10" MIN. STAIR TREAD DEPTH & 7 3/4" MAX STAIR RISER HEIGHT

ALL ANGLES ARE 45 DEGREES UNLESS NOTED OTHERWISE

ALL EXTERIOR DIMENSIONS ARE TO OUTSIDE OF SHEATHING, CONCRETE OR FOUNDATION INSULATION

THE IDEAS, DESIGNS, DRAWINGS AND SPECIFICATIONS REPRESENTED HEREIN ARE AND SHALL REMAIN THE EXCLUSIVE COPYRIGHT PROPERTY OF MARKA, LLC. NO PART THERE OF SHALL BE USED, COPIED, OR DISCLOSED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF MARKA, LLC. THE PLANS FURNISHED HEREIN WERE PREPARED UPON REQUEST AND ARE NO MEANS MEANT TO BE ALL INCLUSIVE. MARKA, LLC ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. THE CONTRACTOR AND/OR OWNER MUST VERIFY AND CHECK ALL NOTES DETAILS, ELEVATIONS, SECTIONS AND FLOOR PLANS AND NOTIFY MARKA, LLC OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION. NO WARRANTIES ARE EXPRESSED OR IMPLIED INCLUDING COMPLIANCE OF THIS PLAN WITH APPLICABLE BUILDING CODE REQUIREMENTS. THE SELECTION AND APPLICATION OF CORRECT STRUCTURAL MATERIALS IS THE RESPONSIBILITY OF THE BUILDER, THE OWNER OR THE USER OF THESE PLANS.

8/27/2024 2:01:15 PM

# 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: 07-0-021600 Reason for Inspection Building Permit

Local regulatory authority info: Aitkin County 218-927-7342

Property address: 32553 420<sup>th</sup> Place Aitkin, MN 56431

Owner/representative: Dan Behrens Owner's phone: 612-865-4938

Brief system description: 500 gallon septic tank to a 1000 gallon septic tank equipped with an EcoPod E50 and UV light to a 500 gallon pump tank dosing a 10' x 30' pressure bed constructed with EZ Flow.

### System status

System status on date (mm/dd/yyyy): 5/13/2025

**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: Septic Check Certification number: 8453

Inspector signature: Eric Otte License number: 2624

*(This document has been electronically signed)* Phone: 320-983-2447

### 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): Service Provider Maintenance Reports

## 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:**

Visual Inspection

**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:**

Pumped, cleaned, and visually inspected.

**Attached supporting documentation:**

- Empty tank(s) viewed by inspector
  - Name of maintenance business: Timber Lakes
  - License number of maintenance business: L455
  - Date of maintenance: 5/13/25
- 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: \_\_\_\_\_

### 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:**

Visual inspection

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:**

Service provider visit and reports.

Attached supporting documentation:  Operating permit (Attach)

## 5. Soil separation – Compliance component #5 of 5

Date of installation 4/11/2016  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.

**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	98.10
B. Periodically saturated soil/bedrock	97.00
C. System separation	1.1'
D. Required compliance separation*	1'

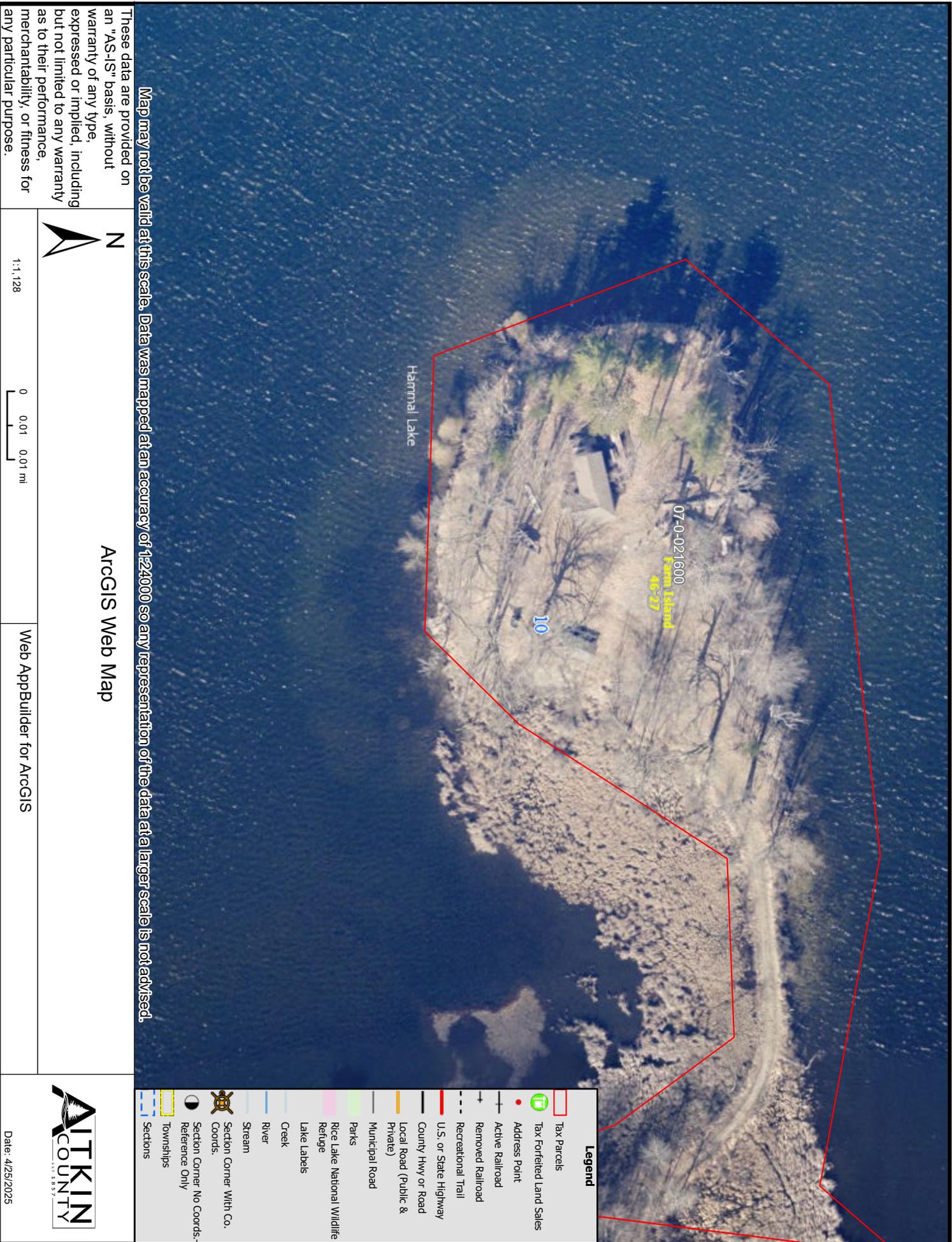
\*May be reduced up to 15 percent if allowed by Local Ordinance.

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

**Describe verification methods and results:**

Soil Boring and elevations

**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.

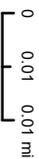


Map may not be valid at this scale. Data was mapped at an accuracy of 1:24,000 so any representation of the data at a larger scale is not advised.

These data are provided on an "AS-IS" basis, without warranty of any type, expressed or implied, including but not limited to any warranty as to their performance, merchantability, or fitness for any particular purpose.



1:1,128



### ArcGIS Web Map

Web AppBuilder for ArcGIS

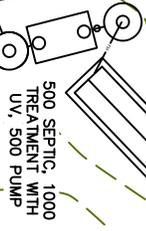
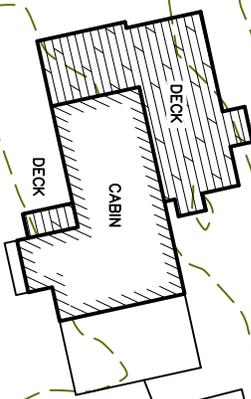
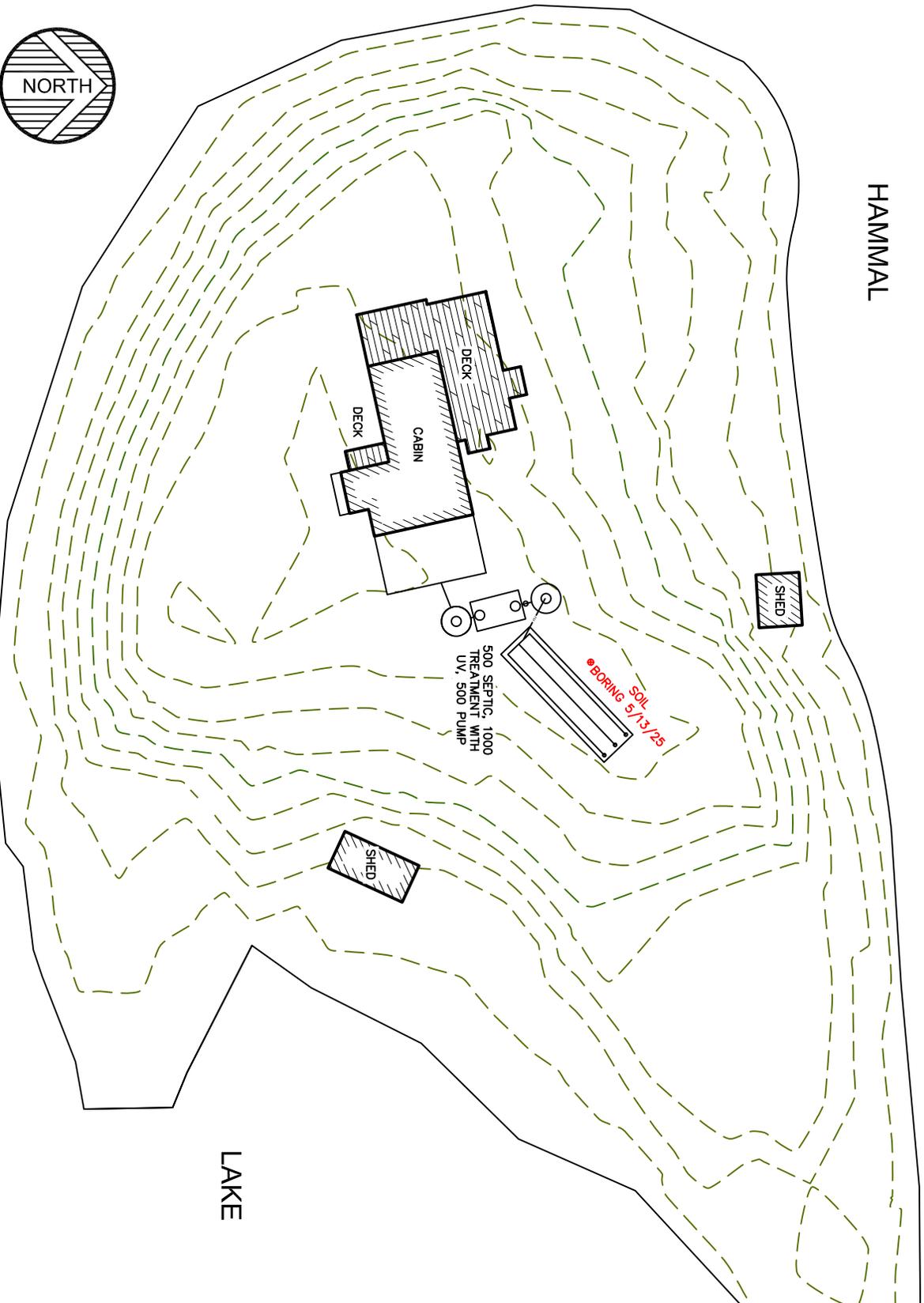
Legend	
	Tax Parcels
	Tax Forfeited Land Sales
	Address Point
	Active Railroad
	Removed Railroad
	Recreational Trail
	U.S. or State Highway
	County Hwy or Road
	Local Road (Public & Private)
	Municipal Road
	Parks
	Rice Lake National Wildlife Refuge
	Lake Labels
	Creek
	River
	Stream
	Section Corner With Co. Coords.
	Section Corner No Coords-Reference Only
	Townships
	Sections



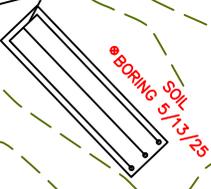
Date: 4/25/2025



HANMAL



500 SEPTIC, 1000 TREATMENT WITH UV, 500 PUMP



•BORING SOLR 5/13/25

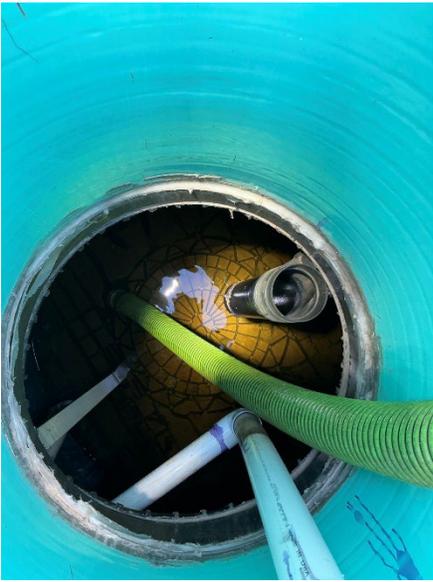


LAKE

Dan Behrens  
32553 420<sup>th</sup> Place – Aitkin, MN 56431



500 gal Septic Tank



1000 gal septic  
Tank with EcoPod



500 gal pump tank



10' x 30' Pressure Bed



Tanks

## Soil Observation Log

**Soil Verification for:** Dan Behrens **Property Address** 32553 420th Place Aitkin, MN 56431

**Soil parent material(s): (Check all that apply)**  Outwash  Lacustrine  Loess  Till  Alluvium  Bedrock  Organic Matter

**Landscape Position: (check one)**  Summit  Shoulder  Back/Side Slope  Foot Slope  Toe Slope

**Vegetation** Grass **Soil survey map units** 544 - Cathro muck

**Weather Conditions/Time of Day:** Sunny 8:30am **Date** 05/13/25

**Observation #/Location:** Soil Boring 1 **Observation Type:** Auger

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence
0" - 3"	Loam	<5%	10YR 3/2						
3" - 25"	Fine Sandy Loam	<5%	10YR 4/4				Granular	Strong	Friable
25" - 27"	Sandy Clay Loam	<5%	10YR 5/2	10YR 5/8	Concentrations	S2	Blocky	Strong	Friable

**Comments:** Redox present at 25"

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

**Eric Otte**



**2624**

**5/13/2025**

(Designer/Inspector)

(Signature)

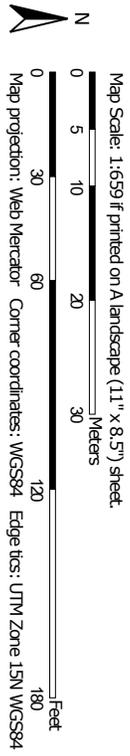
(License #)

(Date)

Soil Map—Aitkin County, Minnesota



Soil Map may not be valid at this scale.



## MAP LEGEND

	Area of Interest (AOI)		Spoil Area
	Area of Interest (AOI)		Stony Spot
<b>Soils</b>			Very Stony Spot
	Soil Map Unit Polygons		Wet Spot
	Soil Map Unit Lines		Other
	Soil Map Unit Points		Special Line Features
<b>Special Point Features</b>		<b>Water Features</b>	
	Blowout		Streams and Canals
	Borrow Pit	<b>Transportation</b>	
	Clay Spot		Rails
	Closed Depression		Interstate Highways
	Gravel Pit		US Routes
	Gravelly Spot		Major Roads
	Landfill		Local Roads
	Lava Flow	<b>Background</b>	
	Marsh or swamp		Aerial Photography
	Mine or Quarry		
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Atkin County, Minnesota  
 Survey Area Data: Version 25, Sep 7, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 13, 2021—Aug 14, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
544	Cathro muck	1.2	52.9%
W	Water	1.0	47.1%
<b>Totals for Area of Interest</b>		<b>2.2</b>	<b>100.0%</b>

## Aitkin County, Minnesota

### 544—Cathro muck

#### Map Unit Setting

*National map unit symbol:* gjhn  
*Elevation:* 980 to 1,310 feet  
*Mean annual precipitation:* 20 to 27 inches  
*Mean annual air temperature:* 37 to 41 degrees F  
*Frost-free period:* 95 to 105 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Cathro and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Cathro

##### Setting

*Landform:* Swamps  
*Down-slope shape:* Concave  
*Across-slope shape:* Concave  
*Parent material:* Organic material over loamy till

##### Typical profile

*Oa - 0 to 20 inches:* muck  
*Oa3 - 20 to 38 inches:* muck  
*Cg - 38 to 60 inches:* loam

##### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Very poorly drained  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.20 to 2.00 in/hr)  
*Depth to water table:* About 0 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* Frequent  
*Calcium carbonate, maximum content:* 25 percent  
*Available water supply, 0 to 60 inches:* Very high (about 21.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6w  
*Hydrologic Soil Group:* B/D  
*Ecological site:* F090AY002WI - Mucky Swamp  
*Forage suitability group:* Organic (G088XN014MN)  
*Other vegetative classification:* Organic (G088XN014MN)  
*Hydric soil rating:* Yes

### Minor Components

#### **Blackhoof**

*Percent of map unit:* 2 percent

*Landform:* Flats

*Hydric soil rating:* Yes

#### **Dusler**

*Percent of map unit:* 2 percent

*Hydric soil rating:* No

#### **Sandwick**

*Percent of map unit:* 2 percent

*Landform:* Flats

*Hydric soil rating:* Yes

#### **Seelyeville**

*Percent of map unit:* 2 percent

*Landform:* Swamps

*Hydric soil rating:* Yes

#### **Less decomposed**

*Percent of map unit:* 1 percent

*Landform:* Swamps

*Hydric soil rating:* Yes

#### **Beseman**

*Percent of map unit:* 1 percent

*Landform:* Bogs

*Hydric soil rating:* Yes

## Data Source Information

Soil Survey Area: Aitkin County, Minnesota

Survey Area Data: Version 25, Sep 7, 2024

# Septic Check

6074 Keystone Rd  
Milaca, MN 56353

320-983-2447  
Fax: 320-983-2151

Mail To: Daniel Behrens  
5045 Xerxes Ave S  
Minneapolis, MN  
55410

## PROPERTY INFORMATION

Location: 32553 420th Place  
Aitkin  
Tax ID: 07-0-021600

Use: Residential, Single Family (2 bdrm)  
System Design Flow: 300  
GENERAL SYSTEM TYPE: ECOPOD Res 2 w/Test

## ON-SITE WASTEWATER TREATMENT SYSTEM INSPECTION REPORT

Inspected: 05/01/2025 - Inspection Type: ROUTINE - Correction Status: No corrections needed

Company:  
Septic Check

Work Performed By:  
Kyle Wade

Submitted 05/06/2025 by:  
Heather Mains

## COMMENTS & GENERAL INSPECTION NOTES

### No Deficiencies Noted

- Conducted a service visit today, ensuring all systems are functioning properly.
- Confirmed that no pumping services were necessary at this time.

## GENERAL SITE & SYSTEM CONDITIONS

The General Site and System Conditions were:	Fully Inspected
Components accessible for service:	YES
All required service performed (if no - specify omitted inspection items in notes):	YES
Surfacing effluent from any component (including mound seepage):	NO
Components appear to be watertight - no visual leaks:	YES
Improper encroachment (structures/impervious surfaces); cover; or settling problems observed:	NO

## ONSITE SEWAGE SYSTEM INSPECTION DETAIL

### TANK: Septic Tank - 1 Compartment, Manufacturer= Infiltrator Systems, Inc. - TW-500 - 500 Gal Septic Tank

Manufacturer: Infiltrator Systems, Inc. Model: TW-500

This component was:	Fully Inspected	
Effluent level within operational limits (if NO explain in comments):	YES	
All required baffles in place (N/A = No baffles required):	YES	
Compartment 1 Scum accumulation (Inches, if other specify):	0	
Compartment 1 Sludge accumulation (Inches, if other specify):	2	
Pumping recommended:	NO	

### TANK: Septic Tank - 1 Compartment, Manufacturer= Infiltrator Systems, Inc. - TW - Infiltrator 1,050 Gal Tank

Manufacturer: Infiltrator Systems, Inc. Model: TW

This component was:	Fully Inspected	
Effluent level within operational limits (if NO explain in comments):	YES	
All required baffles in place (N/A = No baffles required):	YES	
Compartment 1 Scum accumulation (Inches, if other specify):	0	
Compartment 1 Sludge accumulation (Inches, if other specify):	3	
Pumping recommended:	NO	

### Aerobic Treatment Unit: ATU - Delta Ecopod, Manufacturer= Delta Environmental Products, Inc. - ECOPOD-E50

Manufacturer: Delta Environmental Products, Inc. Model: ECOPOD-E50

This component was:	Fully Inspected	
Effluent level within operational limits (if NO explain in comments):	YES	
Dissolved Oxygen within normal operating range (1.5 to 3.0 mg/L) (if less than 1.5 check blower and re-check):	N/A	
Field sample performance results within operational limits (Enter N/A if not performed):	N/A	
Trash Compartment solids accumulation within operational limits per manufacturer:	YES	
Clarifying Chamber solids accumulation within manufacturer operational limits:	YES	
Digester settleable solids test resulted in greater than 25% settleable solids: (If Yes, pumping needed):	NO	
Intake vent at blower housing and exhaust vent at digester clear of obstructions and operating	YES	
Applicable filters cleaned	YES	
Pumping needed:	NO	

**Disinfection: Ultra Violet, Manufacturer= Salcor Engineering - 3G**

Manufacturer: Salcor Engineering Model: 3G

This component was:	Fully Inspected	
Alarm mechanism functioning as intended:	YES	
Disinfection unit light on:	YES	

**TANK: Pump Tank - Infiltrator TW-500 Pump Tank**

Manufacturer: Local Manufacturer

This component was:	Fully Inspected	
Compartment 1 Scum accumulation (Inches, if other specify):	0	
Compartment 1 Sludge accumulation (Inches, if other specify):	0	
Pumping recommended:	NO	

**Panel: Control - 1 Pump - Drainfield Dose Panel**

This component was:	Fully Inspected	
Panel functioning (including alarm):	YES	
Pump 1: on minutes (override in parentheses - if present):	3 min	
Pump 1: off hours (override in parentheses - if present):	6	
Pump 1: gallons per dose (override in parentheses - if present):	-	
Pump 1: ETM hours (override in parentheses - if present):	.50	
Pump 1: Cycle Count (override in parentheses - if present):	999862	

**Pump: Effluent Pump -Drainfield Dose Pump**

This component was:	Fully Inspected	
Controls functioning:	YES	
Tested gallons per minute flow:	-	

**Drainfield (disposal): Pressure -10'x30' Pressure Bed w/ EZ Flow Distribution Media**

This component was:	Fully Inspected	
Lateral lines flushed:	NO	
Average squirt height (if performed) (feet, if other specify):	-	
Ponding present? If YES explain in comments:	NO	

# SAMPLING REPORT

Location: 32553 420th Place  
Aitkin  
**07-0-021600**

Owner: Daniel Behrens  
Use: Single Family

## Service Company:

**Septic Check**  
6074 Keystone Rd  
Milaca, MN 56353  
320-983-2447

Laboratory: AW Labs

Sample Date: 05/01/2025 Sample entered by: Heather Mains Report submitted: 05/06/2025

Notes:

## ONSITE SEWAGE SYSTEM SAMPLING DETAIL

COMPONENT	TYPE	SAMPLE	LIMIT	RESULT
Control - 1 Pump - Drainfield Dose Panel	Effluent	Flow	300 GPD	.5
Pump Tank - Infiltrator TW-500 Pump Tank	Effluent	Fecal	1,000 /100ml	<100

*This report indicates certain characteristics of the sample taken at the time of visit. In no way is this report a guarantee of operation or future performance.*

# AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

307 Second Street NW, Room 219  
Aitkin, Minnesota 56431

PH: (218) 927-7342  
FX: (218) 927-4372



## **PART VI: VARIANCE APPLICATION**

### **“Aitkin County Shoreland Performance” Worksheet** **Instructions:**

**Are you applying for a variance from the Aitkin County Shoreland Management Ordinance?** If so, you must complete the “Aitkin County Shoreland Performance” sheet. This is used as an attempt to evaluate your property and project as it relates to the required setbacks and the intent of the Ordinance to protect water quality, habitat and aesthetics. Your project will receive a ranking/score that relates to a “percentage” of compliance with the Department of Natural Resources guidelines and Aitkin County Ordinances.

**STEP 1:** Determine the level of non-conformance and score by completing 1-5 on the worksheet. The actual setback will be multiplied by the corresponding ‘score multiplier’ to determine your “Pre-mitigation Lot Score”.

**STEP 2:** Review the mitigation options and circle those that you would be willing to implement as a condition of your variance. See letters A-J.

\*As a note, if you will be creating a buffer zone or other landscape project as part of your mitigation plan, please be prepared to present an approved plan to the Board of Adjustment. Although not familiar with specifics of the “Aitkin County Shoreland Performance” worksheet, the Aitkin County Soil & Water Conservation District [SWCD] (218-927-7284) and the University of Minnesota Extension Master Gardeners (218-927-2538) may be resources that would be able to provide you with planting suggestions and landscaping ideas.

**STEP 3:** A final score is determined by adding your “Pre-mitigation Lot Score” with your “Mitigation Total”. *Please note, the property should obtain a score of 100 or more to meet performance standard requirements.*

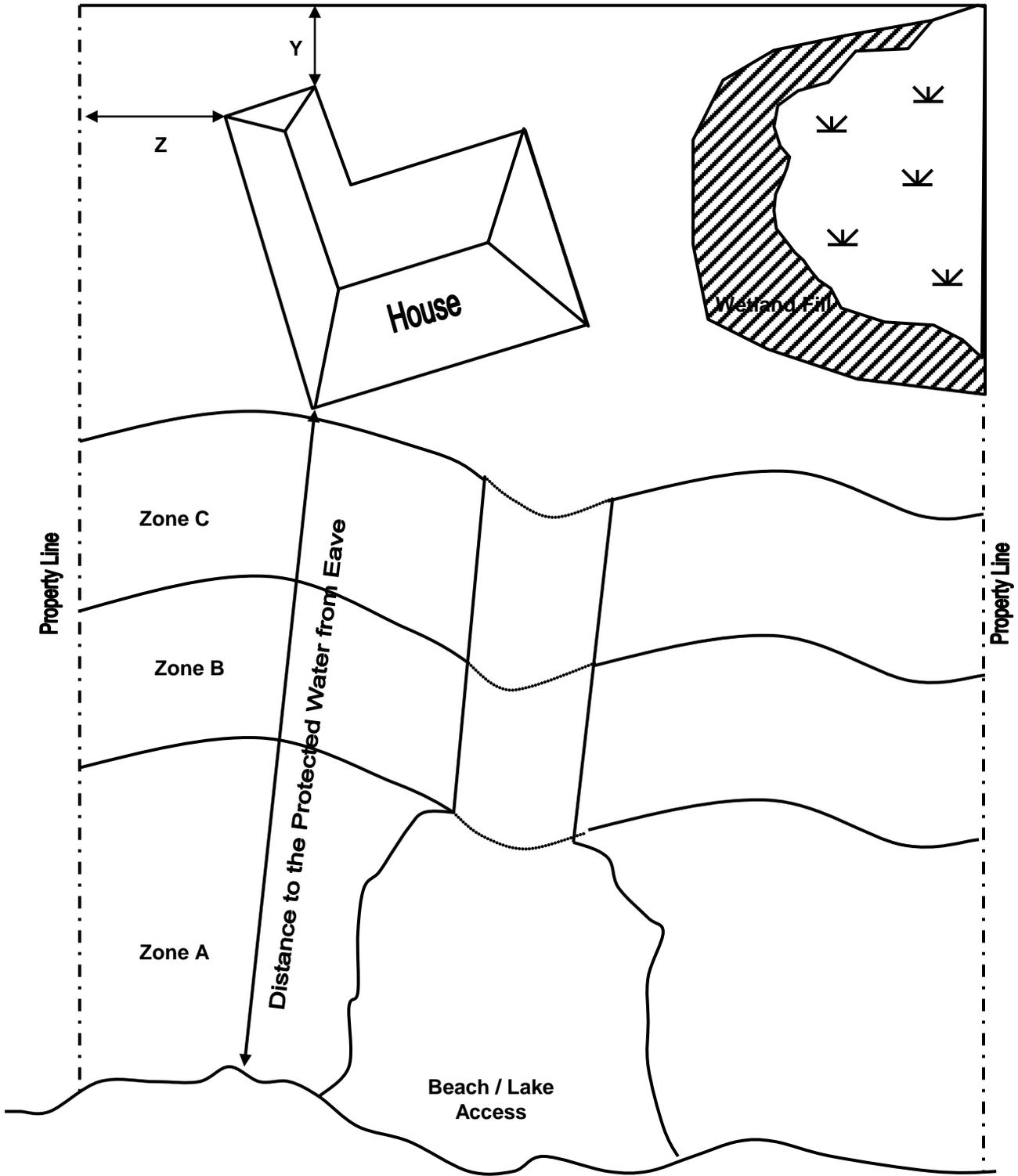
After a practical difficulty has been determined, the Board of Adjustment may use the “Aitkin County Shoreland Performance” sheet submitted with your application and/or use their own completed sheet to attempt to mitigate impacts to the water-body and/or adjoining properties.

If you have any questions, please contact Aitkin County Environmental Services – Planning & Zoning at (218) 927-7342.



AITKIN COUNTY SHORELAND PERFORMANCE  
(Example)

Road right-of-way (ROW)

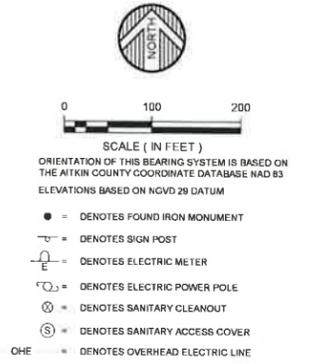
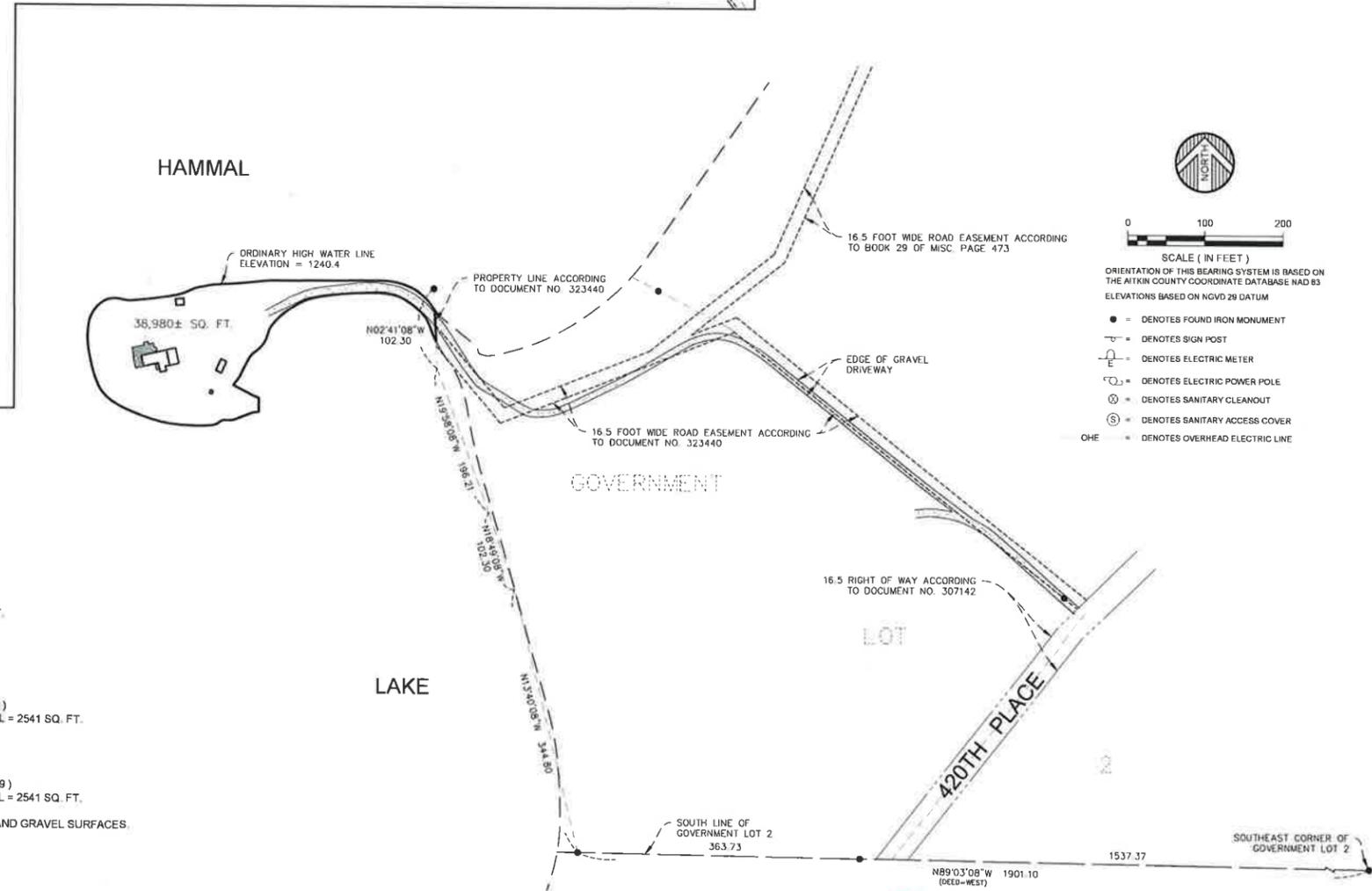
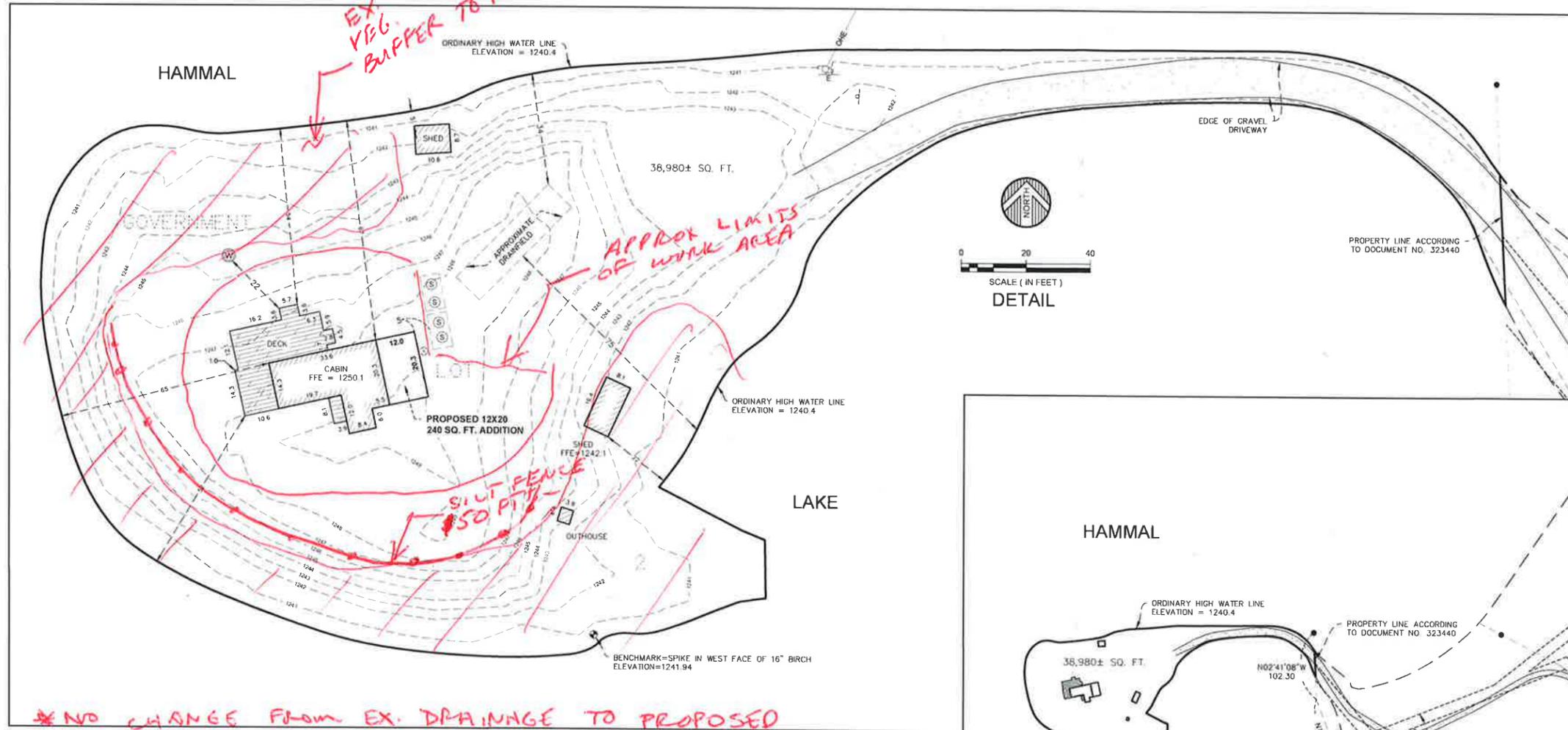


Recreational Development Lake (RD)

# CERTIFICATE OF SURVEY

PART OF GOVERNMENT LOT 2, SECTION 10,  
TOWNSHIP 46, RANGE 27, AITKIN COUNTY, MINNESOTA

EROSION CONTROL PLAN  
BY: DBB (OWNER)



**LEGAL DESCRIPTION** According to Part of Document No. 323440:

That portion of Government Lot Two (2), Section Ten (10), Township Forty-Six (46), Range Twenty-Seven (27), which lies Westerly of the following described line: Commencing at the southeast corner of said Government Lot Two (2) and running thence West along the South line thereof a distance of one thousand nine hundred and one-tenth (1901.1) feet to the meander corner of the shore of Hammal (Bass) Lake; Thence deflect to the right seventy-five degrees twenty-three minutes (75 degrees 23 minutes) for a distance of three hundred forty-four and eight-tenths (344.8) feet; Thence deflect to the left five degrees nine minutes (5 degree 9 minutes) for a distance of one hundred two and three-tenths (102.3) feet; Thence deflect to the left one degree nine minutes (1 degree 9 minutes) for a distance of one hundred ninety-six and twenty-one hundredths (196.21) feet to the point of beginning of the line to be herein described and which point is on the shore of Hammal (Bass) Lake; Thence deflect to the right seventeen degrees seventeen minutes (17 degrees 17 minutes) for a distance of one hundred two and three-tenths (102.3) feet more or less to a point on Hammal (Bass) Lake and there ending; said tract containing 8 acres more or less; subject to mineral reservations and easements of record in any.

**SURVEYOR'S NOTES:**

THE ADDRESS FOR THE SUBJECT PROPERTY IS 32553 420TH PLACE, AITKIN, MINNESOTA.  
 THE PID FOR THE SUBJECT PROPERTY IS 07-0-021600.  
 HAMMAL LAKE IS CLASSIFIED AS A RECREATIONAL DEVELOPMENT LAKE.  
 BUILDING SETBACK FROM THE ORDINARY HIGH WATER LINE ON HAMMAL LAKE IS 100 FEET.  
 FOR THE PURPOSES OF THIS SURVEY, A WETLAND DELINEATION WAS NEITHER REQUESTED, NOR PERFORMED.  
 ACCORDING TO THE AITKIN COUNTY GIS MAPPING APPLICATION, THE SUBJECT PROPERTY CURRENTLY LIES WITHIN THE SHORELAND ZONING DISTRICT.  
 ACCORDING TO THE AITKIN COUNTY SHORELAND ORDINANCE BLUFF DEFINITION, THERE ARE NO BLUFFS ON THE SUBJECT PROPERTY.  
 THE UTILITIES SHOWN ON THIS SURVEY ARE ACCORDING TO VISIBLE EVIDENCE ONLY. WIDSETH SMITH NOLTING ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACIES OF THESE LOCATIONS. FURTHER LOCATION AND VERIFICATION ARE RECOMMENDED PRIOR TO ANY CONSTRUCTION OR EXCAVATION.

**PROPERTY AREAS:**

TOTAL AREA OF THE SUBJECT PROPERTY IS 38,980± SQ. FT.

**IMPERVIOUS SURFACE CALCULATIONS:**

EXISTING  
 IMPERVIOUS SURFACE COVERAGE = 3,955 SQ. FT.  
 PERCENT IMPERVIOUS = 9.9% (3,955 / 39,980 = 0.0989)  
 BUILDINGS = 857 SQ. FT. DECKS = 557 SQ. FT. GRAVEL = 2541 SQ. FT.

PROPOSED  
 IMPERVIOUS SURFACE COVERAGE = 4,195 SQ. FT.  
 PERCENT IMPERVIOUS = 10.5% (4,195 / 39,980 = 0.1049)  
 BUILDINGS = 1097 SQ. FT. DECKS = 557 SQ. FT. GRAVEL = 2541 SQ. FT.  
 IMPERVIOUS SURFACES INCLUDE ALL BUILDINGS, DECKS, AND GRAVEL SURFACES.

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR OPINION. THERE MAY BE EASEMENTS OR OTHER LIMITING FACTORS WHICH AFFECT THE SUBJECT PROPERTY THAT ARE NOT SHOWN ON THIS SURVEY.

THIS SURVEY IS BASED ON THE AITKIN COUNTY COORDINATE DATABASE NAD 83. ALTHOUGH THE EXISTING DEED BEARINGS DIFFER FROM THE AITKIN COUNTY BEARING SYSTEM, THE ANGULAR RELATIONSHIP BETWEEN THE BOUNDARY LINES SHOWN CORRESPONDS TO THE DEED LINES.

DATE:	JANUARY 02, 2025	DATE:		AMENDMENTS:		BY:		PREPARED FOR:	DANIEL BEHRENS
SCALE:	AS SHOWN							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	
DRAWN BY:	TJP							Tyler J Pogreba	
CHECKED BY:	CMC							TYLER J POGREBA	DATE: 01/02/2025, LIC. NO. 60122
FILE NUMBER:	2024-11983								

# 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: Completion of construction
  - 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:

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 32553 420th Place, Aitkin, MN 56431

Builder Not determined yet Owner Dan Behrens & Kim Reed

Worksheet Completed By Dan Behrens Date 4/10/25

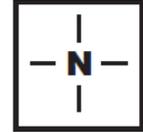
Amount of earthen material to be excavated and/or used for fill 190 c.y. fdn exc cubic yards.

## SITE DIAGRAM

Scale 1 inch = \_\_\_\_\_ feet

Please indicate north by completing the arrow.

See Attached.



### 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

NO DELINQUENT TAXES AND TRANSFER ENTERED

This 2 Day June 2016

Kirk Pearson  
County Auditor

Elizabeth Harmon  
Deputy



A434115

Office of the County Recorder  
Aitkin County, Minnesota

I HEREBY CERTIFY THE WITHIN INSTRUMENT WAS FILED, AND/OR RECORDED ON 6/2/2016 9:00 AM

PACKAGE: 50999

REC FEE: \$46.00

1/2

CERTIFICATE OF REAL ESTATE VALUE (  FILED ( ) NOT REQUIRED CERTIFICATE OF REAL ESTATE VALUE NO. 43621

Michael T. Moriarty, Aitkin County Recorder

(Top 3 inches reserved for recording data)

WARRANTY DEED

Individual(s) to Joint Tenants

Form 10.1.5 (2013)

eCRV number: 509042

DEED TAX DUE: \$ 557.70 Date: May 31, 2016

FOR VALUABLE CONSIDERATION, Richard A. Ganzel and Rosanne T. Ganzel, husband and wife AND Dwayne A. Ganzel and Nancy L. Ganzel, husband and wife

\_\_\_\_\_  
("Grantor")

hereby conveys and warrants to Daniel Behrens and Kimberly Reed ("Grantee"), as joint tenants

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

→ See attached "Exhibit A" for legal description

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: reservations, restrictions and easements of record, if any.

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

Richard A. Ganzel  
Richard A. Ganzel

Rosanne T. Ganzel  
Rosanne T. Ganzel

AITKIN COUNTY DEED TAX

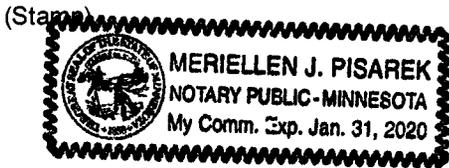
No. 9241 Date 6-2-16  
\$ 557.70 Dollars Paid

Kevin Thoms  
County Treasurer

By \_\_\_\_\_ Deputy

State of Minnesota, County of Aitkin

This instrument was acknowledged before me on May 31, 2016, by Richard A. Ganzel and Rosanne T. Ganzel, husband and wife  
*(insert name and marital status of each Grantor)*



[Handwritten Signature]  
*(signature of notarial officer)*

Title (and Rank): \_\_\_\_\_

My commission expires: 1/31/2020  
*(month/day/year)*

THIS INSTRUMENT WAS DRAFTED BY:  
*(insert name and address)*  
AITKIN COUNTY ABSTRACT COMPANY  
112 3RD STREET N.W.  
AITKIN, MN 56431  
#00029206

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

Daniel Behrens and Kimberly Reed  
3208 East 52nd Street  
Minneapolis, MN 55417

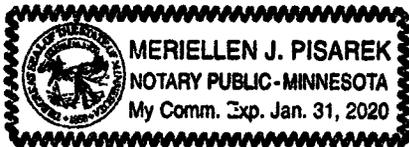
Dwayne A. Ganzel  
Dwayne A. Ganzel

Nancy L. Ganzel  
Nancy L. Ganzel

State of Minnesota, County of Aitkin

This instrument was acknowledged before me on May 31, 2016, by Dwayne A. Ganzel and Nancy L. Ganzel, husband and wife  
*(insert name and marital status of each Grantor)*

(Stamp)



[Signature]  
*(signature of notarial officer)*

Title (and Rank): \_\_\_\_\_

My commission expires: 1/31/2020

## EXHIBIT A

That portion of Government Lot Two (2), Section Ten (10), Township Forty-six (46), Range Twenty-seven (27), which lies Westerly of the following described line:

Commencing at the southeast corner of said government Lot Two (2) and running thence West along the South line thereof a distance of 1901.1 feet to the meander corner of the shore of Hammal (Bass) Lake; thence deflect to the right 75 degrees 23 minutes for a distance of 344.8 feet; thence deflect to the left 5 degrees 9 minutes for a distance of 102.3 feet; thence deflect to the left 1 degree 9 minutes for a distance of 196.21 feet to the point of beginning of the line to be herein described and which point is on the shore of Hammal (Bass) Lake; thence deflect to the right 17 degrees 17 minutes for a distance of 102.3 feet more or less to a point on Hammal (Bass) Lake and there ending.

Together with a 16.5 feet road easement in Government Lot Two (2), Section Ten (10), Township Forty-six (46), Range Twenty-seven (27), the centerline of said easement being described as follows:

Commencing at a point on the South line of said Government Lot Two (2) South 89 degrees 39 minutes 40 seconds West 1495.95 feet from the Southeast corner of said Government Lot Two (2), said point being on the centerline of the existing road; thence North 36 degrees 51 minutes East 407.67 feet along said center line to the point of beginning of the line to be described; thence North 52 degrees 51 minutes 36 seconds West 580.81 feet; thence South 67 degrees 15 minutes West 322.04 feet; thence North 41 degrees 28 minutes 20 seconds West 132.51 feet, more or less to the East line of the tract deeded to Ganzel and Quinn by the deed recorded in Book "29" of Misc., page 473, in the office of the Registrar of Deeds, Aitkin County, Minnesota and there ending.

Aitkin County, Minnesota  
(Abstract)