

AGENDA

THE BOARD OF ADJUSTMENT WILL ASSEMBLE FOR A HEARING OF APPEALS FROM THE AITKIN COUNTY ZONING ORDINANCE ON March 4, 2026 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 March 4, 2026 Board of Adjustment meeting.

New Business:

4. THOMAS J & SUSAN M GREEN, 138 119TH AVE NW, COON RAPIDS, MN 55448, are requesting a variance from the required 30 foot township road right-of-way setback to a setback distance of 13.5 feet to construct a 900 square foot accessory building; an after the fact variance from the required 30 foot township road right-of-way setback to a setback distance of 3.5 feet for a 216 square foot accessory structure; and an after the fact variance from the required 100 foot ordinary high water level setback on a recreational development lake (Hanging Kettle) to a setback distance of 92 feet for a 96 square foot shed, in an area zoned shoreland. LOT 8 & 9 HANGING KETTLE ADDITION, Section Thirteen (13), Township Forty-six (46), Range Twenty-seven (27), Aitkin County, MN.

APP-2025-000769

5. TERENCE C TILFORD, 5420 MOUNT NORMANDALE CURV, BLOOMINGTON, MN 55437, is requesting a variance from the required 30 foot bluff setback to a setback distance of 15 feet to construct a 1645 square foot residence, in an area zoned shoreland. LOT 10 GLACIER LAKE ESTATES. Section Twenty-three (23), Township Fifty (50), Range Twenty-three (23), Aitkin County, MN.

APP-2026-000016

6. JOHN C & CLAUDIA C MEEHAN TRUSTEES, 44146 TAME FISH LAKE RD, 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 a setback distance of 58 feet to construct a 1200 square foot accessory structure addition on an existing nonconforming accessory structure, in an area zoned shoreland. PART OF LOT 3 N OF ROAD LESS CO RD ROW & LESS E 727.21 FT. Section Eight (8), Township Forty-five (45), Range Twenty-seven (27), Aitkin County, MN.

APP-2026-000018

7. KEVIN & CARMEN BOCK, 858 BALD LAKE COURT, EAGEN, MN 55123, are requesting a variance from the required 75 foot ordinary high water level setback on a general development lake (Big Sandy) to a setback distance of 57 feet to construct a 360 square foot residence addition on an existing nonconforming residence located 57 feet from the ordinary high water level, in an area zoned shoreland. .30 AC LOT 4 IN DOC 229871. Section Seven (7), Township Forty-nine (49), Range Twenty-three (23), Aitkin County, MN.

APP-2026-000027

8. DAVID & PATRICIA WARWICK TRUSTEES, 5081 EDGEWOOD DR, MOUNDS VIEW, MN 55112, are requesting a variance from the required 75 foot ordinary high water level setback on a general development lake (Minnewawa) to a setback distance of 38 feet and a variance from the required 10 foot property line setback to a setback distance of 6 feet to construct a 908 square foot residence, which is in the shore impact zone. LOT 13 & 14 SHESHEBE POINT 2ND ADDITION. Section Twenty-two (22), Township Forty-nine (49), Range Twenty-three (23), Aitkin County, MN.

APP-2026-000012

9. CRAIG R & DIANE M SMYTHE, 44373 CONIFER ST, AITKIN, MN 56431, are requesting a variance from the required 75 foot ordinary high water level setback on a general development lake (Mille Lacs) to a setback distance of 75 feet and a variance from the required 10 foot property line setback to a setback distance of 7 feet to construct a 234 square foot residence addition on an existing nonconforming residence located 45 feet from the ordinary high water level and 8 feet from the property line, which is in the shore impact zone. PART OF GOVT LOT 2 FORMERLY KNOWN AS LOT 9 BLOCK 3 OF NORTH SHORE MILLE LACS LAKE PLAT. Section Five (5), Township Forty-four (44), Range Twenty-seven (27), Aitkin County, MN.

APP-2026-000028

10. Approval of minutes, February 4, 2026.

11. Adjourn.

AITKIN COUNTY ZONING

NOTICE OF HEARING

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APP-2026-000016

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APP-2026-000028

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
	07-1-095100	40466 317th Ln AITKIN, MN 56431	FARM ISLAND TWP	GREEN, THOMAS J & SUSAN M	GREEN, THOMAS J & SUSAN M	LOT 8	HANGING KETTLE ADDITION	S:13 T:46 R:27	RD	HANGING KETTLE LAKE
07-1-095200			FARM ISLAND TWP	GREEN, THOMAS J & SUSAN M	GREEN, THOMAS J & SUSAN M	LOT 9	HANGING KETTLE ADDITION	S:13 T:46 R:27	RD	HANGING KETTLE LAKE
Driving directions to the proposed project from Aitkin:	County Rd. 39 Oak Ave. to 317th Lane									
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:	<div style="border: 1px dashed black; padding: 5px;"><p>File 1: ⬇ Variance_Questions.pdf</p><p>File 2: ⬇ Variance_Survey.pdf</p></div>
Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:	Section 3 - 3.55 setbacks

Supplemental Data

Attach completed form here:	<div style="border: 1px dashed black; padding: 5px;"><p>File 1: ⬇ supplemental-data_2.pdf</p></div>
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A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<p>Location and dimensions for all lot lines.</p> <p>Location and dimensions of all existing and proposed structures/additions.</p> <p>Location and depth of all existing and proposed wells within 100 feet of the property.</p> <p>Location and dimensions of all existing and proposed septic system components (septic tank, septic drainfield).</p> <p>Location and dimensions of all existing and proposed driveways, road right-of-ways, and easements.</p> <p>If topography is unusual, show elevations and location of bluffs, steep slopes, wetlands, etc.</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: Cabin_Site_Plan.pdf</p>

Side Profile Sketch of the Structure

Attach a side profile sketch of your proposed structure or addition here (if applicable):	<p>File 1: Cabin_retaining_walls.pdf</p>
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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.	<p>File 1: 25-201_Brady_Green_Holding_Tank_Design_Aitkin_Co..pdf</p> <p>File 2: Septic_compliance_letter.pdf</p>
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Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [!\[\]\(6605b201d6f14d9b3bcb8ab5f274d107_img.jpg\) shoreland-performance.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [!\[\]\(17acf1afa8cdf0b67c53d4865a5ed469_img.jpg\) erosion-control-plan.pdf](#)

Property Deed

Attach the property deed:

File 1: [!\[\]\(e1c624d4757f08486e89482c18364c17_img.jpg\) AITKIN COUNTY - REC-REAL EST - 246867.pdf](#)

Other

Other Information (if necessary):

Adding 2 small structures to the variance application not meeting setbacks (See site plan) "after the fact"

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 #64089 (08/29/2025) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 08/29/2025 10:07 AM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 08/29/2025 10:07 AM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			
			Total \$696.00
			Payment 08/29/2025 \$696.00
			Due \$0.00

[Results](#) ([Go to top](#))

Signature accepted

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

Approvals

Approval	Signature

Applicant	Brady Green - 01/21/2026 10:37 AM e6375a45841282baee0fc63ae4b82947 2af2331daefadf1f27ea745716e6771a
#1 Administrative Review	Kim Burton - 01/21/2026 12:30 PM 0de595a44954851d5583cdf6d9058817 6fe48d369c62c53fc4f1108cc426fdbb
#2 Board of Adjustment Approval	

Public Notes

Text:	All 3 sheds on property are unpermitted. 2 of the sheds are not meeting setbacks. Proposed garage 13.50 setback from road? ATF shed 3.5 feet from row? (18X12?) ATF shed (lakeside) 92 feet from ohwl? 8X12?
File(s):	[redacted]

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?	<input type="button" value="Yes ▾"/>
Is this an after-the-fact application?	<input type="button" value="Yes ▾"/>

Numbers

	Current Number	Next from Sequence
UID #	215157	<i>not applicable</i>
App. #	2025-000769	<input type="button" value="««"/> 2026-000015
Permit #		<input type="button" value="««"/> 2026-0008

[Print View](#)

SPECIFY THE SECTION OF THE ORDINANCE FROM WHICH A VARIANCE IS SOUGHT:

Section 3 - 3.55 Setback: "Setback" means the minimum horizontal distance between a structure including overhangs, eaves, or projections (of greater than twenty four (24) inches) therefrom, sewage treatment systems or other facility and an ordinary high water level, sewage treatment system, top of a bluff, road right-of-way, property lines, or other facility.

EXPLAIN HOW YOU WISH TO VARY FROM THE APPLICABLE PROVISIONS OF THE ORDINANCE:

I would like to position the front elevation of the garage 30' from the center of the private drive (317th Lane) this would be approximately 10' further away from the road than the primary structure already in place. This will also allow the proposed structure to be within the 100' OHW setback.

PLEASE ANSWER THE FOLLOWING QUESTIONS AS THEY RELATE TO YOUR SPECIFIC VARIANCE REQUEST:**1. In your opinion, does the proposal put the property to use in a reasonable manner?**

Yes. It would put the property to use in a reasonable manner. The intended use is consistent with the surrounding neighborhood and does not exceed what is typical for similar properties. It would allow the practical use of the property while respecting the character of the community.

2. In your opinion, are there circumstances unique to the property?

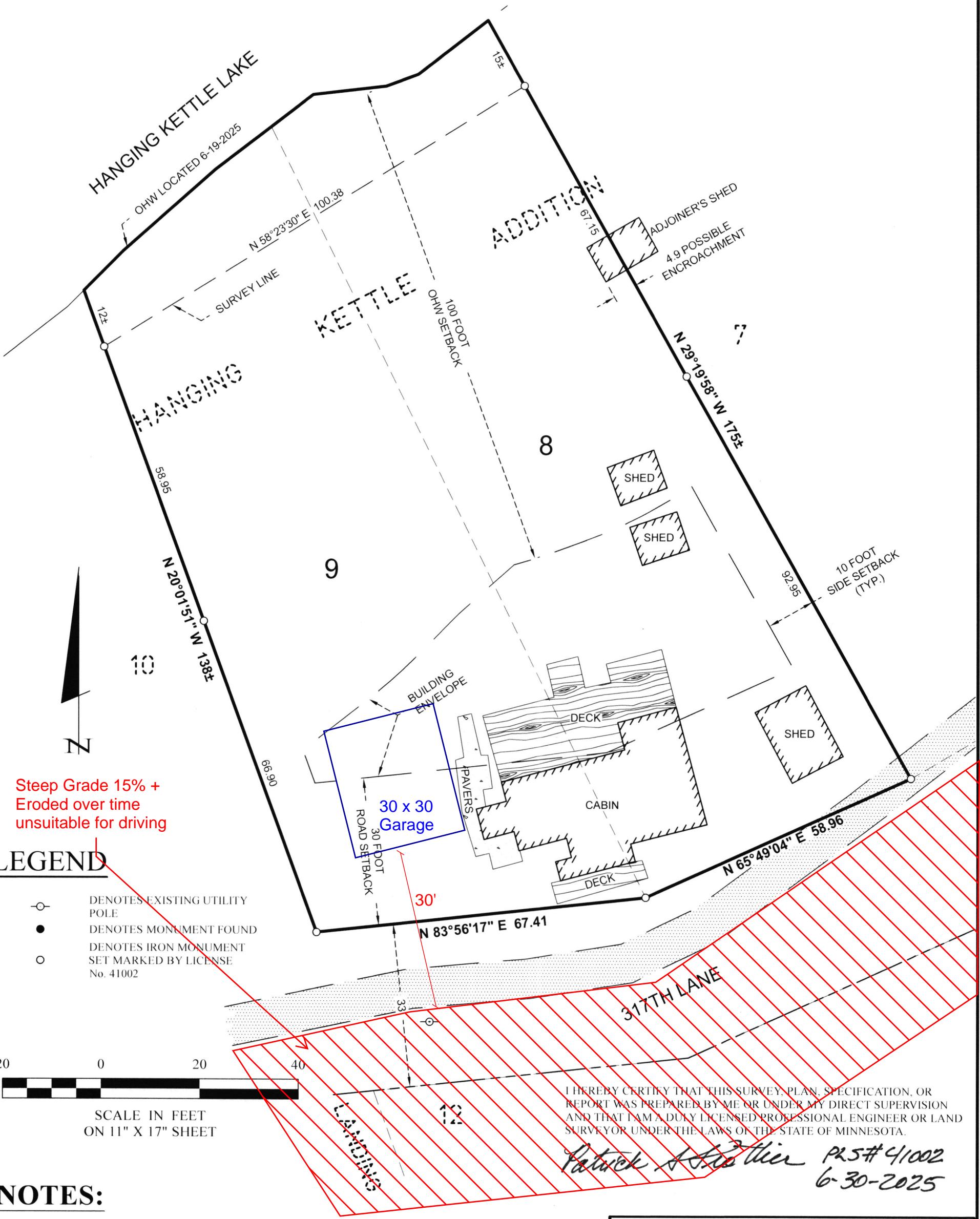
Yes. Over time 317th lane has eroded from the South property making the road a private drive that serves two residents. The property owner at this point is driving down the private drive (317th Lane) that now goes through my property. The plat map shows the road being 33' wide. With the erosion over time the road is currently 9' wide. This unique circumstance creates practical difficulties meeting the ordinance requirements.

3. In your opinion, will the variance maintain the essential character of the locality?

Yes. The project fits in the neighborhood's scale and appearance. It will not cause any negative impacts, and compliment near by properties rather than stand out or be disruptive in any way.

CERTIFICATE OF SURVEY

LOTS 8 AND 9, HANGING KETTLE ADDITION
SECTION 13, TOWNSHIP 46 NORTH, RANGE 27 WEST
AITKIN COUNTY, MINNESOTA
TOTAL AREA = 18,110 SQ. FT.



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

*Patrick A. Schaefer PLS#41002
6-30-2025*



30206 Rasmussen Road
Suite 1
P. O. Box 874
Pequot Lakes, MN 56472
218-568-4940
www.stonemarksurvey.com

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
- Crawlspacel Story-and-a-Half Level
- Walk-out Basement 2nd Story Level

Proposed # of Bedrooms 0 Proposed Structure Height 18' ft.

Existing Total Building Coverage 11% Proposed Total Building Coverage 6%

Existing Total Impervious Surface Coverage 0 % Proposed Total Impervious Surface Coverage 2.5%

"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):

Garage 30' x 30' - 900 Sq. Ft. with a 30' x 12' concrete apron

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) Without

Ordinary High Water Level (OHWL) Proposed Setback _____ ft.
 Property Line Proposed Setback _____ ft.
 Road Right-of way __ Twp Co. __ State Proposed Setback ft. From center of drive lane
 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 _____ %

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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 _____

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

<input type="checkbox"/> Ordinary High Water Level (OHWL)	Proposed Setback _____ 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 4 – Land Alteration

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

<input type="checkbox"/> More than 10 cubic yards on steep slopes and shore and bluff impact zones.	Total Cubic Yds. _____
<input type="checkbox"/> Other: _____	Total Cubic Yds. _____

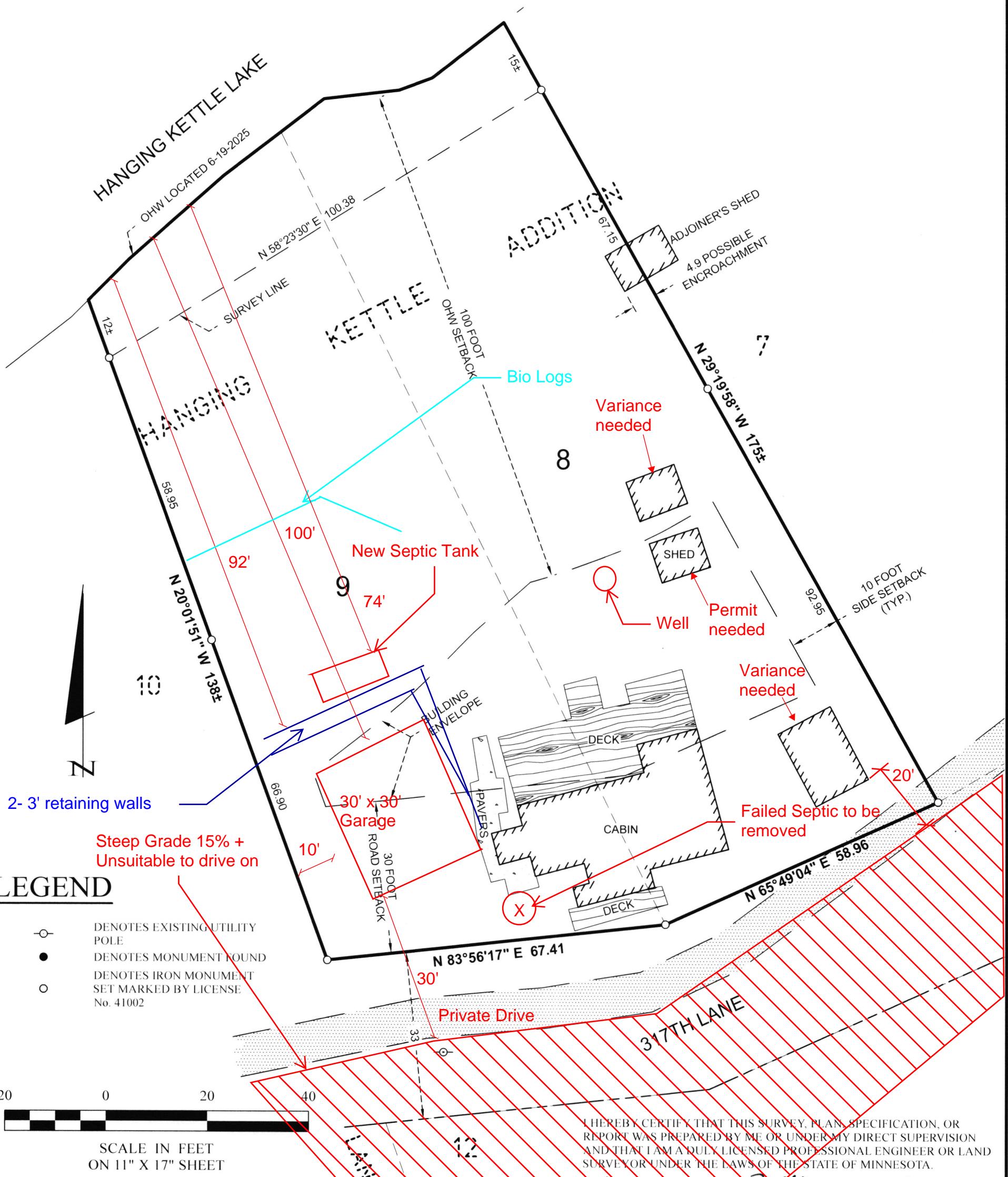
Section 5 – Creating Nonconforming Lot(s)

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

<input type="checkbox"/> Property Width	Proposed Property Width _____
<input type="checkbox"/> Property Area	Proposed Property Area _____
<input type="checkbox"/> (2) Standard Septic Sites	
<input type="checkbox"/> Legal Access	

CERTIFICATE OF SURVEY

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 SECTION 13, TOWNSHIP 46 NORTH, RANGE 27 WEST
 AITKIN COUNTY, MINNESOTA
 TOTAL AREA = 18,110 SQ. FT.

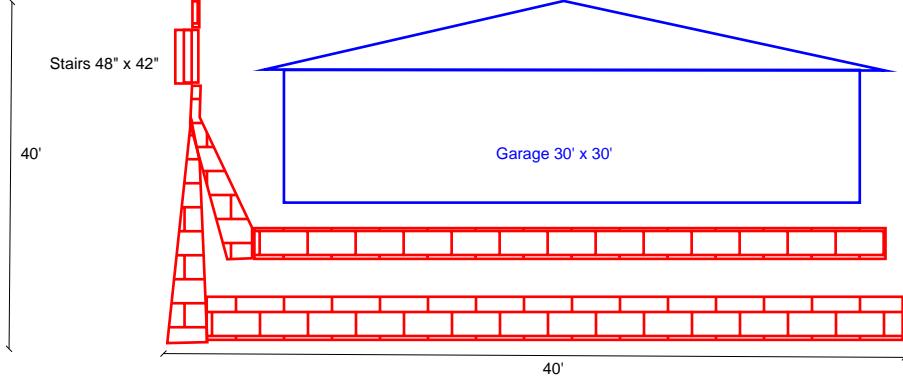


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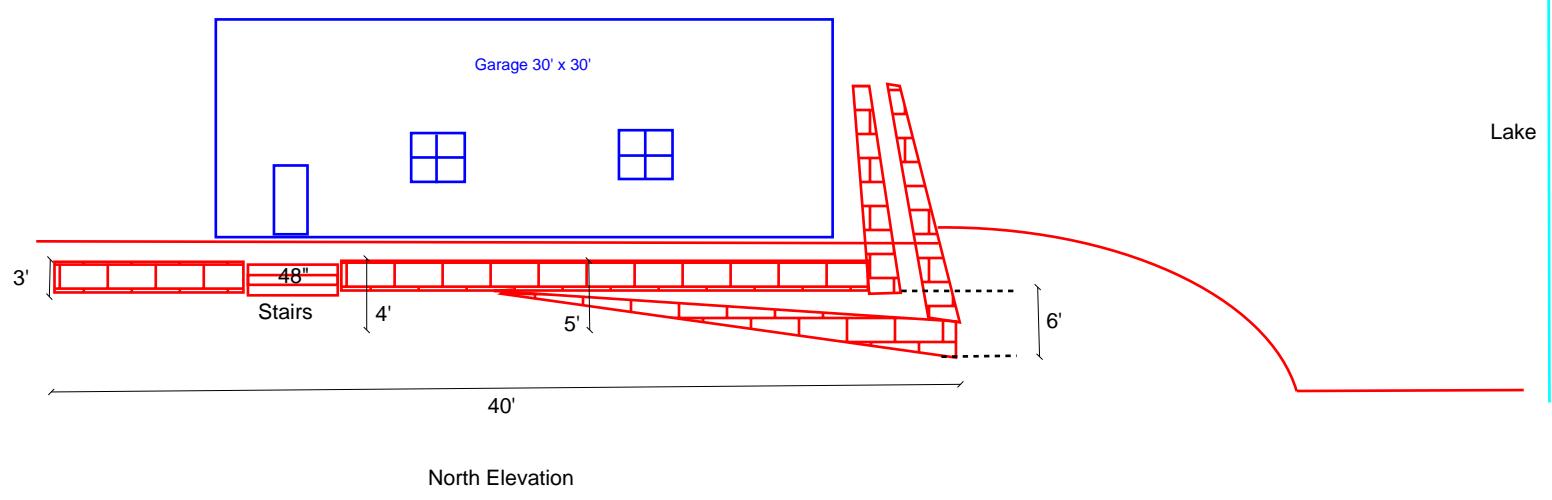
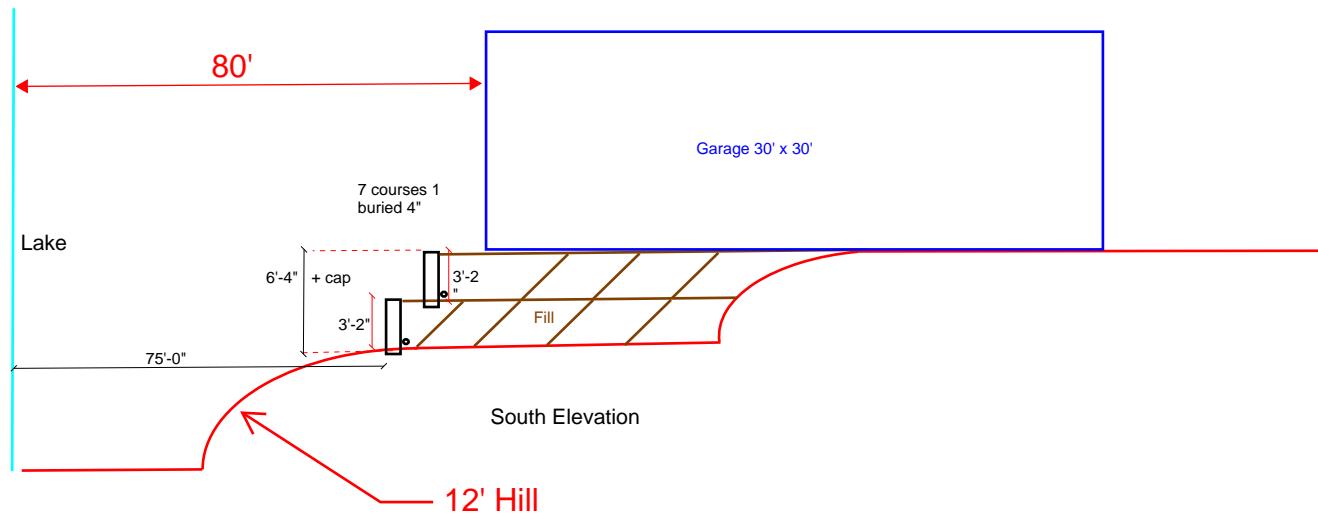
1. Zoning for subject tract = Shoreland.
2. Parcel ID of subject parcel: 07.1095100 & 07.1095200.
3. The E911 address of subject parcel: 40466 317th Lane.
4. Impervious coverage (buildings, decks and pavers) = 2,045 sq. ft. or 11.3%.
5. Setbacks as shown can be subject to interpretation. Verification of setbacks by the governing body is advised prior to building.



30206 Rasmussen Road
 Suite 1
 P. O. Box 874
 Pequot Lakes, MN 56472
 218-568-4940
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West Elevation

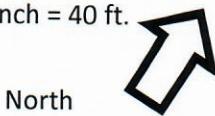


Aitkin County { Holding Tank Design }

Property Owner: Brady Green
One Inch = 40 ft.

Date: 11/5/25

Designer's Initials: JB



Hanging Kettle Lake

Hanging Kettle Lake Approx. Elv. = 1231' or approx. 89' / Estimated New Tank Grade Elv= 1239' from GIS Map
Please show all that apply (Existing or Proposed): Please Draw to Scale with North to Top or Left Side of Page:

Wells within 100ft. Of Drain field.

Disturbed/Compacted Areas

Access Route for Tank Maintenance

Water lines within 10 ft. of Drain field.

Component Location

Property Lines

Drain field Areas:

OHW ordinary high water

Structures

Lot Easements

Setbacks

Elevations : Benchmark Elevation:

Elv.= 100' Nail on Basswood Tree SW of New H-tank

New H-tank grade Elv.= 100'

Existing Grade at SW corner of Existing house Elv. = 106.6'

Estimated New H-Tank In-let Elv.= 98'

Existing Sewer Pipe In-let of tank Elv.= 100.9'

Existing 1st tank inlet Elv.= 93.4'

Existing tank grade Elv.= 106.4'

Grade at Shallow Well House Elv.= 101.4'

Aitkin County { Design Notes }

Property Owner: Brady Green Date: 11/5/2025 Designer's Initials : JB
40466 317th Ln. Aitkin I Pin : 07-1-095100 & 095200

Existing House has a Non-Compliant Tank (Block) This is a design for a holding tank (Wippler 3198 gal. H-Tank).

Lot is too small for Type I system. Existing wells (3 of them) will be + 50' from the Holding Tank.

Owner proposes a new garage on lot # 9. Holding tank will be approx. 20 ft from proposed garage.

Lot is very tight, Holding tank will be 76 ft from OHW, 11 ft from West Property line, approx. 52 ft from well.

Install Clean-out at connection to existing 4" sewer pipe, route new pipe between existing cabin and the proposed new garage. Air test new sewer pipe. (Recommend installing a reverse clean-out at H-tank in-let.

Install 3198 gal. Wippler Holding tank with electric alarm, try to locate alarm buzzer in or near cabin.

Raise at least one manhole per compartment, (recommend 4" to 6" above finished grade for access).

Install electric alarm in 15% of tanks capacity, approx. 38 inches off the bottom.

this will leave approx. 500 gallons of reserve capacity.

Tank will meet 50ft. Setback from all wells, and will meet 10 ft. setback to all property lines.

Tank will meet 10 ft. setback to buildings. Tanks will meet setback to Hanging Kettle lake 75'.

Home owner has a pumping agreement with local pumper on file.

Setbacks are

50 ft. from all wells

10 ft. from lot line

10 ft. from road easement

10 ft. from structure.

75 ft Hanging Kettle Lake

(Recommendations for holding tanks)

Electric Alarm in or near house

Insulate tank top

Water proof outside if installed in water if available

Raise manholes 4" or more above finished grade for winter access

Add extra soil on top of tanks for ballast

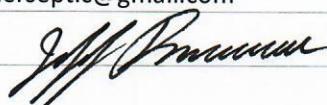
Owner should install H-tank before installing retaining wall.

Designer Name : Jeff Brummer License Number : L-1347

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

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

E-Mail Address : brummerseptic@gmail.com

Designer Signature : 

Date: 11/5/2025

Tim Woodrow was mentored on this design 11/4/2025

2022 PRICE LIST
WIPPLER PRECAST

PO Box 93 Pine River, MN 56474

Cell: 218-820-8598

Prices Subject to Change

Delivery Charge After 60 Miles - \$5.00/Mile (Loaded)

85 GAL GRINDER / P	(2 GPI)	XX\$495		
500 GAL P	(11.9 GPI)	XX\$585		
650 GAL P	(15.5 GPI)	XX\$785		
1000 GAL SS, H, P	(23.9 GPI)	XX\$1,390		
1500 GAL SS, H, P	(37.6 GPI)	XX\$2,525		
2250 GAL SS, H, P	(56.7 GPI)	XX\$4,450		
3198 GAL SS, H, P (3198 GAL)	(56.7 GPI)	XX\$6,520		
1500 GAL 2 CP or 2 CG	1000 / 500	(24.1 / 12 GPI)	XX\$680	
1650 GAL 2 CP or 2 CG	1000 / 650	(24.1 / 15.6 GPI)	XX\$815	
2250 GAL 2 CP or 2 CG	1500 / 750	(37.6 / 17.8 GPI)	XX\$2,220	
2250 GAL 3 CP	1000 / 500 / 750	(37.6 / 17.8 GPI)	XX\$2,655	
600 GAL LO-PROFILE PUMP		(20 GPI)	XX\$4,300	
1000 GAL LO-PROFILE		(33.3 GPI)	XX\$4,530	
1600 2cP or 2cPG LO-PRO	Heavy Tank	1000/600	(33.3 / 20 GPI)	XX\$6,000

ACCESSORIES:

POLYLOK PL-122 FILTER	\$55
FILTERS AVAILABLE UP TO 10,000 G.P.D.	Price on Request
PLASTIC DROP BOX	\$26
24" DIA PLASTIC RISER	\$31 / LIN FT
20' ROLL BLACK MASTIC SEALANT	\$13
24" CONCRETE MANHOLE COVER	\$35.00
24" DIA PLASTIC MANHOLE COVER	\$42 AND \$50

**KEY: P = PUMP SS = SINGLE SEPTIC H = HOLDING
 CP = COMPARTMENT PUMP CG = COMPARTMENT GRAVITY**

TANK DIMENSIONS

MOST TANK INLETS ARE 48" & LIQUID LEVELS ARE 42"

LO-PROFILES - INLET 38" & LIQUID LEVEL 31"

3198 GALLON - INLET 64" & LIQUID LEVEL 58"

		<u>D.O.B.</u>	<u>W</u>	<u>L</u>	<u>H</u>
85	GAL	8'	32" Dia	42" Sq	5'
500	GAL	8'	4'	80"	5'7"
650	GAL	7'	5'	80"	5'7"
1000	GAL	7'	80"	8'	5'7"
1500	GAL	7'	80"	11'	5'7"
1650	GAL	6'	80"	12'	5'7"
2250	GAL	6'	80"	16'	5'7"
3198	GAL	6'	80"	16'	6'3"
600	GAL _{Lo-Pro}	4'	7'	97"	4'7"
1000	GAL _{Lo-Pro}	4'	97"	8'6"	4'7"
1600	GAL _{Lo-Pro}	4'	97"	12'6"	4'7"

S = SINGLE COMPARTMENT

SP-PUMP SS-SINGLE SEPTIC SH-HOLDING

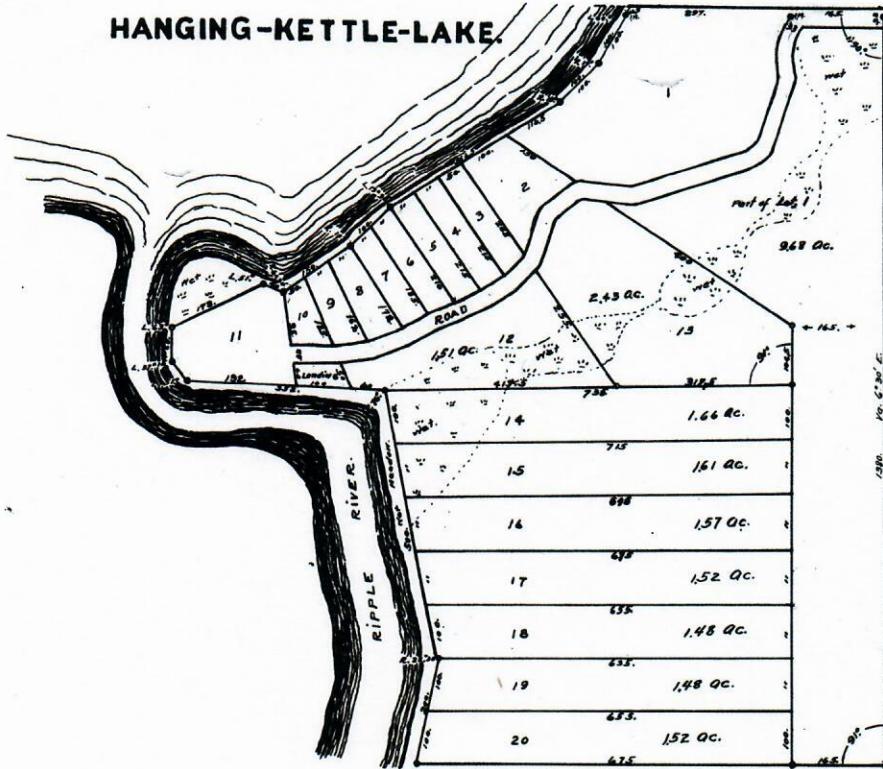
CP - COMPARTMENT PUMP CG - COMPARTMENT GRAVITY

GPI = GALLONS PER INCH D.O.B. = DEPTH OF BURIAL

HEIGHT IS FROM BOTTOM OF TANK TO TOP OF MANHOLE COVER

HANGING KETTLE ADDITION

HANGING-KETTLE-LAKE.



I hereby certify that I have surveyed and plotted Government Lot 9 Section 13 Township 46 N Range 27 W 4th Mer. as shown on above plat and have placed good and correct representation of said survey.

B. D. Heath

The above certificate subscribed and sworn to before me this 27 day of August, A. D. 1932.

Alma J. Olsen

Auditor of Kittatinny County, Minn.

Know all men by these presents, that we Ben R. Hassman and Barbara C. Hassman, his wife, being the owners and proprietors of Government Lot Nine 13 Sec. 13 Township 46 N Range 27 W 4th, have caused the same to be surveyed and plotted and to be hereafter known as Hanging Kettle Addition, and we do hereby dedicate to the public use the road shown on above plat and in testimony whereof we have hereunto set our hands and seals, this 27th day of August, A. D. 1932.

Ben R. Hassman
Barbara C. Hassman
witnesses.
J. C. Hessey

State of Minnesota } ss.
County of Kittatinny } on this 27th day of August, A. D. 1932 before me a Notary Public, within and for said County, personally appeared Ben R. Hassman, and Barbara C. Hassman, his wife, to me personally known, who each by me being duly sworn, did say that they executed the foregoing instrument as their own free act, and deed.

Ben R. Hassman
Barbara C. Hassman

J. C. Hessey
Notary Public
Atkins, Kittatinny County, Minnesota
My Commission Expires Dec. 14, 1932

I hereby certify that the above plat was and the same is hereby approved this 27th day of August, A. D. 1932.

Alma J. Olsen

Auditor of Kittatinny County, Minnesota.

I hereby certify that taxes for the year 1931 on the lands described within are paid.

Geo. C. Hessey
County Treasurer

TAXES PAID AND
TAXES PAID

This 27th day of August, 1932
Chandler J. Olsen
County Auditor
S. J. Eggers

Chas R. Grueter
Chairman of Board of County Commissioners.

STATE OF MINNESOTA
COUNTY OF KITTATINNY } ss.
I HEREBY CERTIFY THAT THE NOTARY
PROMULGATED WAS FILED IN MY OFFICE ON
Aug. 3, 1932, at 5 o'clock P. M.

J. C. Hessey
Register of Deeds





Detailed Parcel Report

Parcel Number: 07-1-095100

General Information

East lot

Township/City: FARM ISLAND TWP
Taxpayer Name: GREEN, THOMAS J & SUSAN M
Taxpayer Address: 138 119TH AVE NW
COON RAPIDS MN 55448
Property Address: 40466 317th Ln
Township: 46 Lake Number: 1017000
Range: 27 Lake Name: HANGING KETTLE LAKE RD
Section: 13 Estimated Acres: 0.00
Green Acres: No School District: 1.00
Plat: HANGING KETTLE ADDITION
Brief Legal Description: LOT 8

Tax Information

OHW = 1227.5'

Class Code 1: Non-Comm Seasonal Residential Recreational
Class Code 2: Unclassified
Class Code 3: Unclassified
Homestead: Non Homestead
Assessment Year: 2025

1004R 1230.8

Estimated Land Value:	\$101,200.00
Estimated Building Value:	\$83,200.00
Estimated Total Value:	<hr/> \$184,400.00
Prior Year Total Taxable Value:	\$183,100.00
Current Year Net Tax (Specials Not Included):	\$992.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$0.00
Delinquent Taxes:	No

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

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



Detailed Parcel Report

Parcel Number: 07-1-095200

General Information

West lot.

Township/City: FARM ISLAND TWP
Taxpayer Name: GREEN, THOMAS J & SUSAN M
Taxpayer Address: 138 119TH AVE NW
COON RAPIDS MN 55448
Property Address:
Township: 46 Lake Number: 1017000
Range: 27 Lake Name: HANGING KETTLE LAKE
Section: 13 Estimated Acres: 0.00
Green Acres: No School District: 1.00
Plat: HANGING KETTLE ADDITION
Brief Legal Description: LOT 9

Tax Information

Class Code 1: Non-Comm Seasonal Residential Recreational
Class Code 2: Unclassified
Class Code 3: Unclassified
Homestead: Non Homestead
Assessment Year: 2025

Estimated Land Value:	\$81,200.00
Estimated Building Value:	\$0.00
Estimated Total Value:	<hr/> <u>\$81,200.00</u>
Prior Year Total Taxable Value:	\$81,200.00
Current Year Net Tax (Specials Not Included):	\$414.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$0.00
Delinquent Taxes:	No

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

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

How to use LakeFinder
[Main page \(/lakefind/index.html\)](#)
[LakeFinder search tips \(/lakefind/help.html\)](#)
[Find a lake by map \(/maps/compass.html\)](#)
[Stocking reports user guide \(/lakefind/stockinghelp.html\)](#)
[Go to mobile site \(http://maps1.dnr.state.mn.us/lakefinder/mobile/index.html\)](#)

Lake Water Level Report

Hanging Kettle - 01017000 Aitkin County

Water Level Data

Period of record: 05/05/1937 to 09/05/2025

of readings: 1860

Highest recorded: 1230.52 ft (06/19/1943)

Lowest recorded: 1226.07 ft (09/05/2007)

Recorded range: 14.45 ft

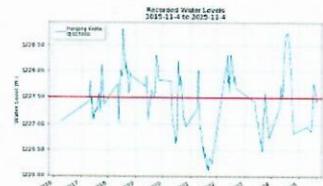
Last reading: 1227.46 ft (09/05/2025)

Ordinary High Water Level (OHW)

(/waters/surfacewater_section/hydrographics/ohw.html) elevation: 1227.5 ft

Datum: MSL 1912 (ft)

Download lake level data as: [\[dBBase \(https://maps.dnr.state.mn.us/cgi-bin/lakefinder/water_levels_export.cgi?format=dbf&id=01017000\)\] \[ASCII \(https://maps.dnr.state.mn.us/cgi-bin/lakefinder/water_levels_export.cgi?format=csv&id=01017000\)\]](#) (If you have trouble try right clicking on the appropriate link and choosing the "Save ... As" option.)



(https://maps.dnr.state.mn.us/cgi-bin/lakefinder/hydrograph.cgi?basins=01017000:Hanging_Kettle&startdate=2015-11-01&enddate=2025-11-01&hydrograph_type=time_series&show_ohw=1)
Last 10 years of data, click to enlarge.

Benchmarks

Elevation: 1242.75 ft

Datum: MSL 1912 (ft)

Date Set: 05/30/2007

Location: T46R27S13

Description: Found 2013 for use only with prior permission from landowner. High point of well cap (#4), 25' lakeward of private residence, 31935 402nd Place, Aitkin. Resurveyed by KCW 4/27/10 - old elevation found in error.

Elevation: 1231.31 ft

Datum: MSL 1912 (ft)

Date Set: 03/03/1994

Location: T46R27S14

Description: Found 2025. Horizontal 3/8" x 8" spike 2.0' above ground in the east side of the easterly trunk of a twin (1.1, 1.3') basswood, 72' north of centerline of concrete boat ramp, on side of steep bank and 15' from water's edge, at public access, 31758 US Hwy 169, Aitkin.

Elevation: 1232.18 ft

Datum: MSL 1912 (ft)

Date Set: 03/03/1994

Location: T46R27S14

Description: High point on a large gray granite boulder on SE side of the twin basswood BM tree, 72' north of centerline of concrete boat ramp, on side of steep bank, at public access, 31758 US Hwy 169, Aitkin.

[← Return to main lake page \(/lakefind/lake.html?id=01017000\)](#)


Questions?

Call 651-296-6157 or 888-646-6367

Email us: info.dnr@state.mn.us

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Septic System Compliance Inspection – Existing System

Date: 9/13/2025

Property Owner: Brady Green

Ordered By: Homeowner

Address: 40466 317th Lane, Aitkin, Mn, 56431

Property ID: 07-1-095100

Inspector: Jody Grund

A compliance inspection was performed at the above location. Soil evaluation was not conducted since there is only a block septic tank. The septic tank was pumped and inspected. This onsite system was found to be **Not Compliant**.

- **Impact On Public Health:**

System is Compliant

- **Tank Integrity:**

Tank(s) are not compliant

- **Other Compliance Conditions:**

None

- **Soil Separation**

NA

- **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

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.

Attached supporting documentation:

Other: _____

Not applicable

Describe verification methods and results:**2. Tank integrity – Compliance component #2 of 5****Compliance criteria:**

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes* <input type="checkbox"/> No
If yes, which sewage tank(s) leaks:	

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

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 9/9/2025
(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: _____

Describe verification methods and results:

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 Unknown3b. 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 requiredIs 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 Nob. 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)

5. Soil separation – Compliance component #5 of 5

Date of installation _____ 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)

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.

Sewage tank integrity assessment form

Subsurface Sewage Treatment Systems (SSTS) Program

 Doc Type: *Compliance and Enforcement*

Purpose: This form *may* be used to certify the compliance status of the sewage tank components of the SSTS. **This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional.** SSTS compliance inspection report forms can be found at: <https://www.pca.state.mn.us/water/inspections>.

Instructions: This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: [Compliance inspection form - Existing system \(wq-wwists4-31b\)](#). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/inspections>.

The information and certified statement on this form is **required** when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4(B)(1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4(B), (C), and (D) and; Minn. R. 7083.0730(C).

Owner information

 Owner/Representative Green, Brady

 Property address: 40466 317th Lane Aitkin, MN 56431

 Local Regulatory Authority: Aitkin County

 Parcel ID: 07-1-095100

System status

 System status on date (mm/dd/yyyy): 9/9/2025
 Certificate of sewage tank compliance
 Notice of sewage tank non-compliance

Compliance criteria:

The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect Groundwater."

 Yes* No

The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."

 Yes* No

The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to Public Health or Safety."

 Yes* No

Any "yes" answer above indicates sewage tank non-compliance.

Company information

 Company name: Timber Lakes Septic Service Inc

 Business license number: L455

Designated Certified Individual (DCI) information

 Print name: Dan Swanson

 Certification number: C6023

I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS inspection, maintenance, installation, or service provider Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS.

By typing/signing 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.

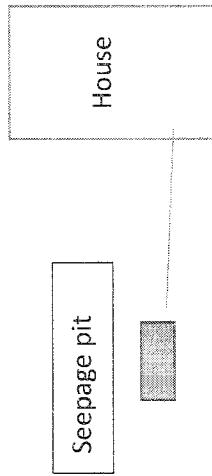
 Designated Certified Individual's signature: Dan Swanson
(This document has been electronically signed.)

 Date (mm/dd/yyyy): 9/9/2025

SKETCH SHEET AND SOIL BORING LOG



INSPECTOR: Jody Grund	Equipment: NA
DATE: 9/13/2025	Elevation of Limiting Layer: NA
PID#: 07-1-095100	Vegetation: Mowed Grass
SITE ADDRESS: 40466 317th Ln, Aitkin, Mn, 56431	Weather: Sunny & Clear



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

(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 Dev.
- 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: 100'
- 4) Enter the corresponding 'Score Multiplier' 4: 1.000
- 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: 100

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		
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		

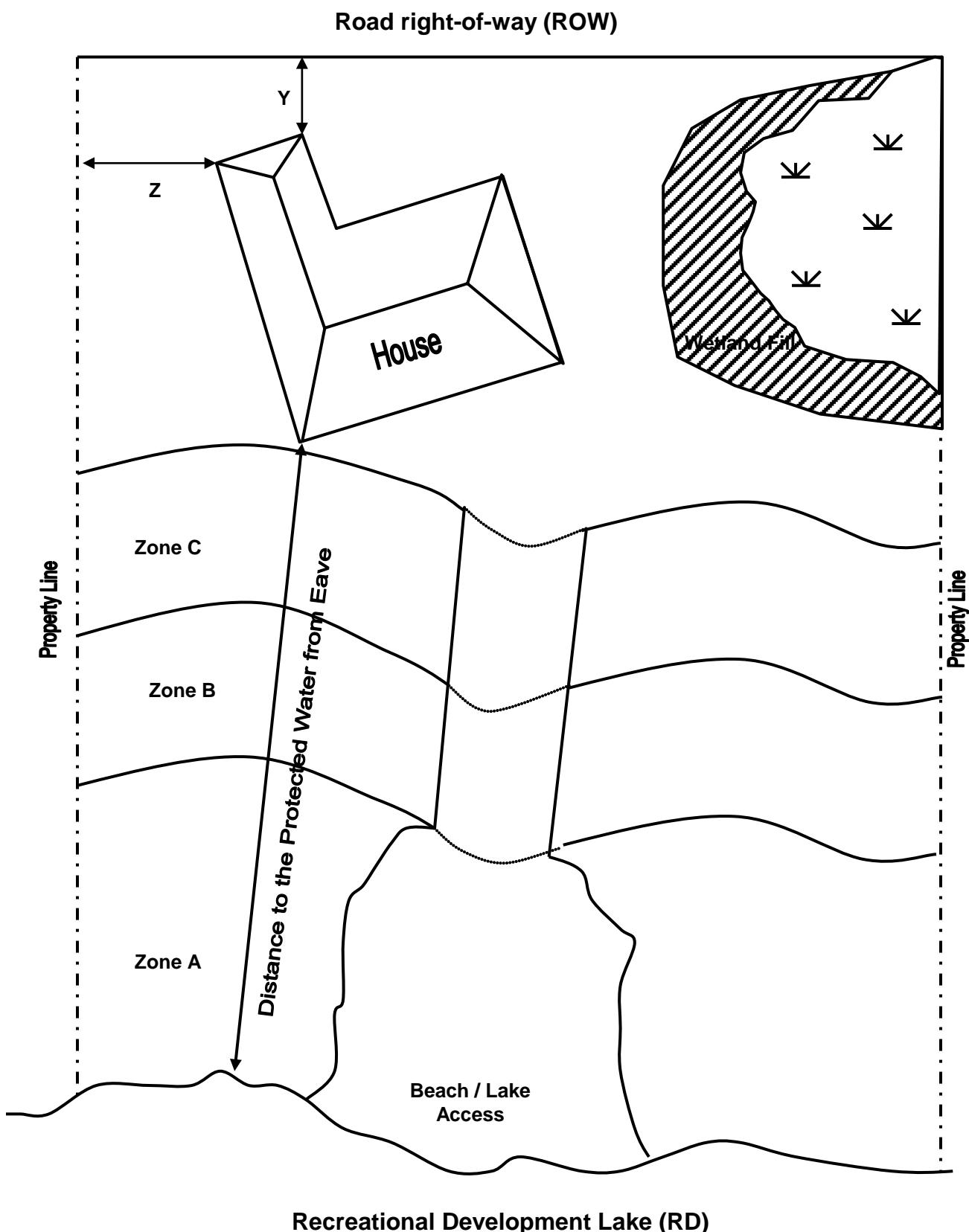
Mitigation: *To bring a non-conforming structure to a score of 100 the landowner conducts and maintains one or more of the below listed mitigating activities:*

- 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) _____ + Mitigation Totals (Lines A-I) _____ = _____

*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*

AITKIN COUNTY SHORELAND PERFORMANCE
(Example)



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: 11/1/2025

- 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 40466 317th Lane Aitkin, MN 56431

Builder _____ Owner Susan Green

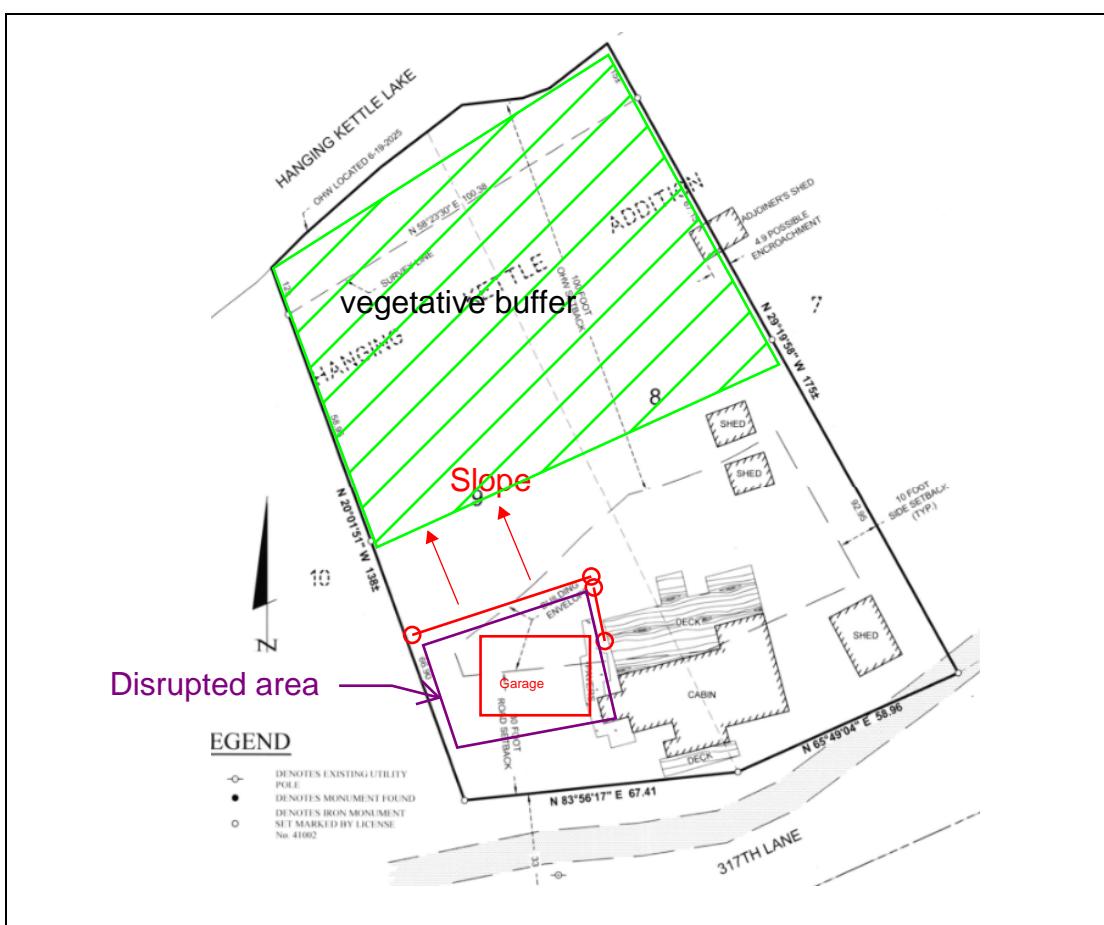
Worksheet Completed By Brady Green Date 8/29/2025

Amount of earthen material to be excavated and/or used for fill 250-300 cubic yards.

SITE DIAGRAM

Scale 1 inch = _____ feet

Please indicate north by completing the arrow.



EROSION CONTROL PLAN LEGEND

Individual(s) to Joint Tenants

No delinquent taxes and transfer entered; Certificate of Real Estate Value (X) filed () not required
 Certificate of Real Estate Value No. 10671
June 2, 1987

Helena C Danner
 County Auditor
 by Alice Danner
 Deputy

STATE DEED TAX DUE HEREON: \$ 68.20Date: May 30, 19 87

246867

FILED JUN 2 1987 AT 9A M.

Everett Davies, County Recorder

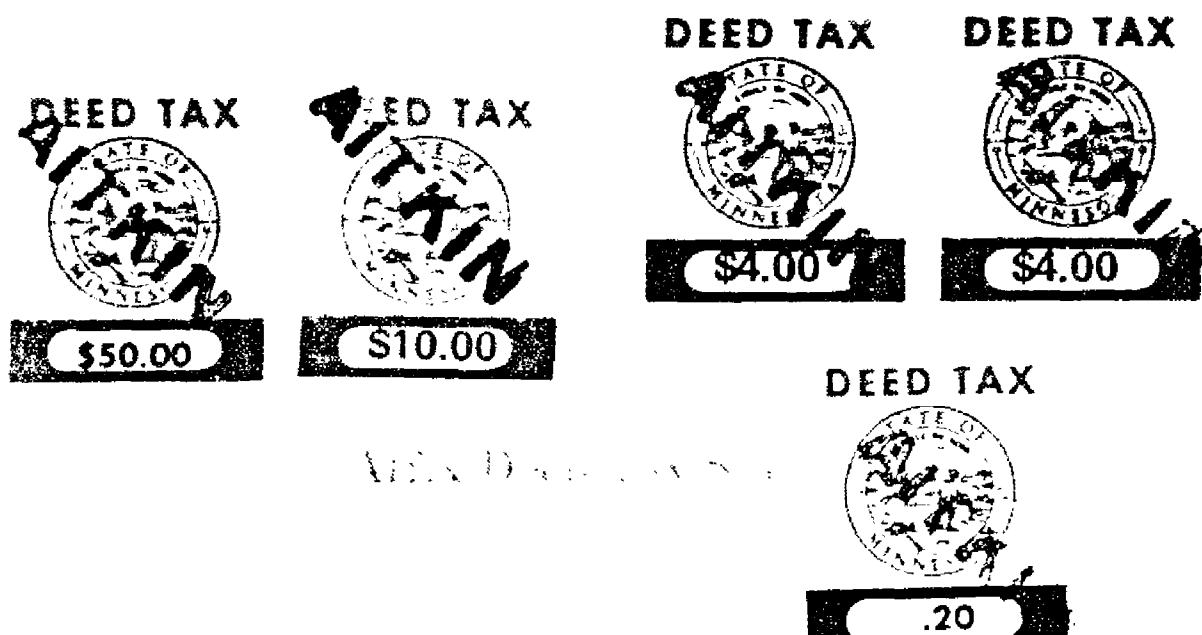
(reserved for recording data)

FOR VALUABLE CONSIDERATION, LeRoy V. Stark and Audrey L. Stark
 (Husband and Wife), Grantor(s),
 (marital status)
 hereby convey(s) and warrant(s) to Thomas J. Green and Susan M. Green
 (Husband and Wife), Grantees as joint
 tenants, real property in Aitkin County, Minnesota, described as follows:

Lots 8 and 9 Hanging Kettle Addition, XXXXXXXXXX.

(if more space is needed, continue on back)

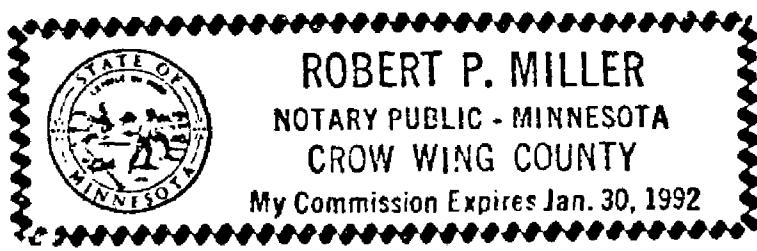
together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions:



STATE OF MINNESOTA
 COUNTY OF Crow Wing } ss.

The foregoing instrument was acknowledged before me this 30th day of May, 19 87,
 by LeRoy V. & Audrey L. Stark Grantor(s).

NOTARIAL STAMP OR SEAL (OR OTHER TITLE OR RANK)



Robert P. Miller
 SIGNATURE OF PERSON TAKING ACKNOWLEDGMENT

Tax Statements for the real property described in this instrument should be sent to (Include name and address of Grantee):

Thomas J. Green
 Susan M. Green
 326 114 Ave. N.W.
 Coon Rapids, MN 55433

THIS INSTRUMENT WAS DRAFTED BY (NAME AND ADDRESS):

Uglem Realty of Garrison
 P.O. Box 48
 Garrison, MN 56450

11/00
Wilson Realty
C/O Mr. St.
Prairie Mtn. Co.

6-29

RECORDED ✓
TRACT INDEX ✓
GRANTOR ✓
GRANTEE ✓
COMPARED -----

63

COUNTY RECORDER
AITKIN COUNTY, MINNESOTA

FILED

JUN 2 '87 9AM

East Prairie
As Doc. No.

246867

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
	32-1-079600	17108 540th Ln MCGREGOR, MN 55760	TURNER TWP	TILFORD, TERENCE C	TILFORD, TERENCE C	LOT 10	GLACIER LAKE ESTATES	S:23 T:50 R:23	RD	GLACIER LAKE
Driving directions to the proposed project from Aitkin:	Head east on 210 towards McGregor, North on 65 towards big sandy lake, turn right onto Lake AVE, go north on lake ave past big sandy until you reach 540th Ln stay left and it will be the last house on the right.									
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):

Proposing to tear down an existing non-conforming building and build a 1645 SF cabin.

The existing building sits 7' 6" off the top of the bluff with 721 Sq. Ft. outside of the 30' bluff set back.

The proposed building would be moved back approximately 8' and sit 15' 7" off the top of the bluff with only 360 Sq. Ft. outside of the conforming building area.

We've moved the proposed building as far back as we can, while also being within reasonable distance of the property line and existing garage. We would like to leave room for access to that existing garage, while also having future consideration of a new garage inside the conforming building area.

See attached files.

Attach prepared narrative here:

File 1: [!\[\]\(dc38b8cc7085cb587e06b8d8e5bbb240_img.jpg\) 2025-12-23_Tilford_Terry_Melissa_24x36.pdf](#)

File 2: [!\[\]\(ce294a001819a4080dcba1caf3b24b83_img.jpg\) 2026-01-14_Tilford_Terry_Melissa_SITE_-B_24X36.pdf](#)

Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:

2.791 top of the bluff

Supplemental Data

Attach completed form here:

File 1: [!\[\]\(3c462566a1246e6bf7613857aac0a35d_img.jpg\) supplemental_data_app.pdf](#)

A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<p>Location and dimensions for all lot lines.</p> <p>Location and dimensions of all existing and proposed structures/additions.</p> <p>Location and depth of all existing and proposed wells within 100 feet of the property.</p> <p>Location and dimensions of all existing and proposed septic system components (septic tank, septic drainfield).</p> <p>Location and dimensions of all existing and proposed driveways, road right-of-ways, and easements.</p> <p>If topography is unusual, show elevations and location of bluffs, steep slopes, wetlands, etc.</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:  2026-01-14_Tilford_Terry_Melissa_SITE_-_B_24X36.pdf</p> <p>File 2:  25-191B_Grandt_Builders_Cert_11-3-25.pdf</p>

Side Profile Sketch of the Structure

Attach a side profile sketch of your proposed structure or addition here (if applicable):	<p>File 1:  2025-12-23_Tilford_Terry_Melissa_24x36.pdf</p>
---	---

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.	<p>File 1:  existing_cabin.pdf</p>
---	---

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [!\[\]\(9b4000408f3699de3a705e848e6ae947_img.jpg\) shoreline_performance.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [!\[\]\(7d2c5f9e82a618e76a637ab66cb71793_img.jpg\) Erosion_control_plan_checklist.pdf](#)

Property Deed

Attach the property deed:

File 1: [!\[\]\(31bf95535b139ee35889ca0a7d12a56c_img.jpg\) property_deed_2.pdf](#)

File 2: [!\[\]\(9cbf1bb4a206d9681b6d411f6f46a945_img.jpg\) property_deed.pdf](#)

Other

Attach "Other" information (if necessary):

File 1: [!\[\]\(4b405757c230db049e58f47a9672bc64_img.jpg\) survey_with_erosion_control.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 #68542 (01/23/2026) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 01/23/2026 3:09 PM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 01/23/2026 3:09 PM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			\$696.00
			Payment 01/23/2026
			\$696.00
			Due
			\$0.00

[Results](#) ([Go to top](#))

Signature accepted

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

Approvals

Approval	Signature

Applicant	Shane Donovan - 01/26/2026 10:25 AM 73baf4c01e7e2d017ca3e8d900d88b59 4bf000051e15b998849a05ad2c7c5a05
#1 Administrative Review	Kim Burton - 01/26/2026 2:22 PM 86f8e6bf966518538b1285362121a767 e99fe521f8aa24590310d17e3c0e2f9f
#2 Board of Adjustment Approval	

Public Notes

Text:	Will need updated CI prior to building permit issuance,
File(s):	[redacted]

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?	<input type="button" value="Yes ▾"/>
Is this an after-the-fact application?	<input type="button" value="No ▾"/>

Numbers

	Current Number	Next from Sequence
UID #	219577	<i>not applicable</i>
App. #	2026-000016	<input type="button" value="««"/> 2026-000018
Permit #		<input type="button" value="««"/> 2026-0008

[Print View](#)



AITKIN COUNTY ENVIRONMENTAL SERVICES PLANNING & ZONING

Aitkin County Government Center
307 2nd Street NW, Room 219
Aitkin, MN 56431

aitkinpz@aitkincountymn.gov
Phone: 218-927-7342
Fax: 218-927-4372

AUTHORIZED AGENT FORM

I hereby authorize the agent named below to act as my authorized agent for all public hearing applications and land use permits on property located at:

Parcel
Numbers(s): 32-1-079600

E911 Address
of Property: 17108 540th Ln. McGregor, Mn 55760

Authorized Agent Information:

Agent name: Dale Grandt

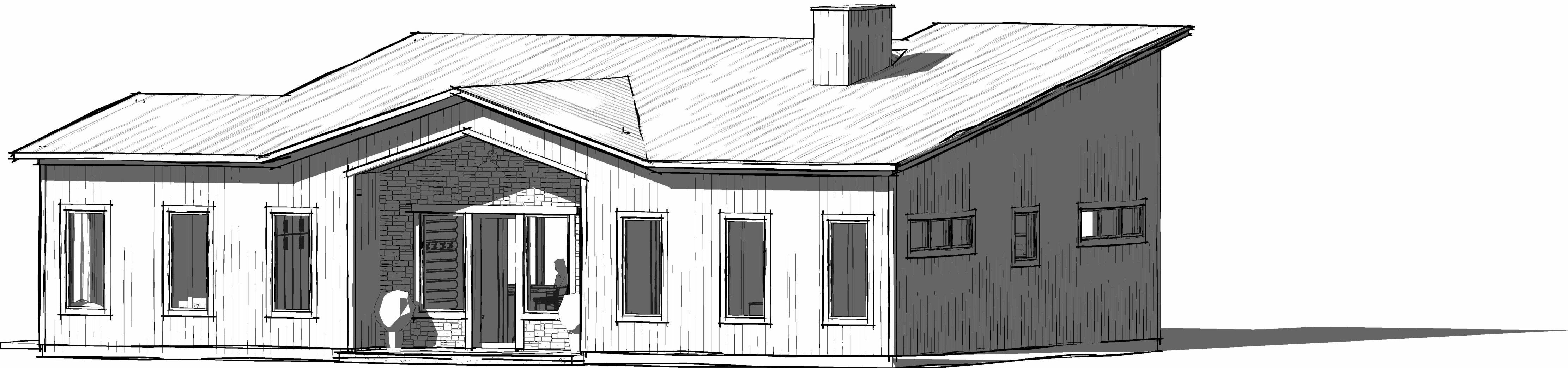
Property Owner Information:

Property Owner
Signature:

Date: 01/23/2026

TILFORD LAKE HOME

TILFORD, TERRY & MELISSA



DISCLAIMER:
TO THE BEST OF MY KNOWLEDGE, THESE PLANS ARE DRAWN TO COMPLY WITH OWNER'S AND/OR BUILDER'S SPECIFICATIONS. ANY CHANGES MADE ON THE FIELD WILL BE DONE AT THE OWNER'S AND/OR BUILDER'S DISCRETION. IT IS THE OWNER'S AND BUILDER'S RESPONSIBILITY TO ENSURE ALL OF THE ENCLOSED DRAWINGS AND DETAILS PRIOR TO CONSTRUCTION FOR OVERALL ACCURACY APPROPRIATE TO SITE CONDITIONS AND TO PROVIDE FOR APPROVAL BY THE LOCAL BUREAU OF BUILDING INSPECTION. IT IS THE OWNER'S AND BUILDER'S RESPONSIBILITY TO ENSURE THAT ALL MANUFACTURED ARTICLES, MATERIAL, AND EQUIPMENT ARE INSTALLED AS DIRECTED BY MANUFACTURERS.



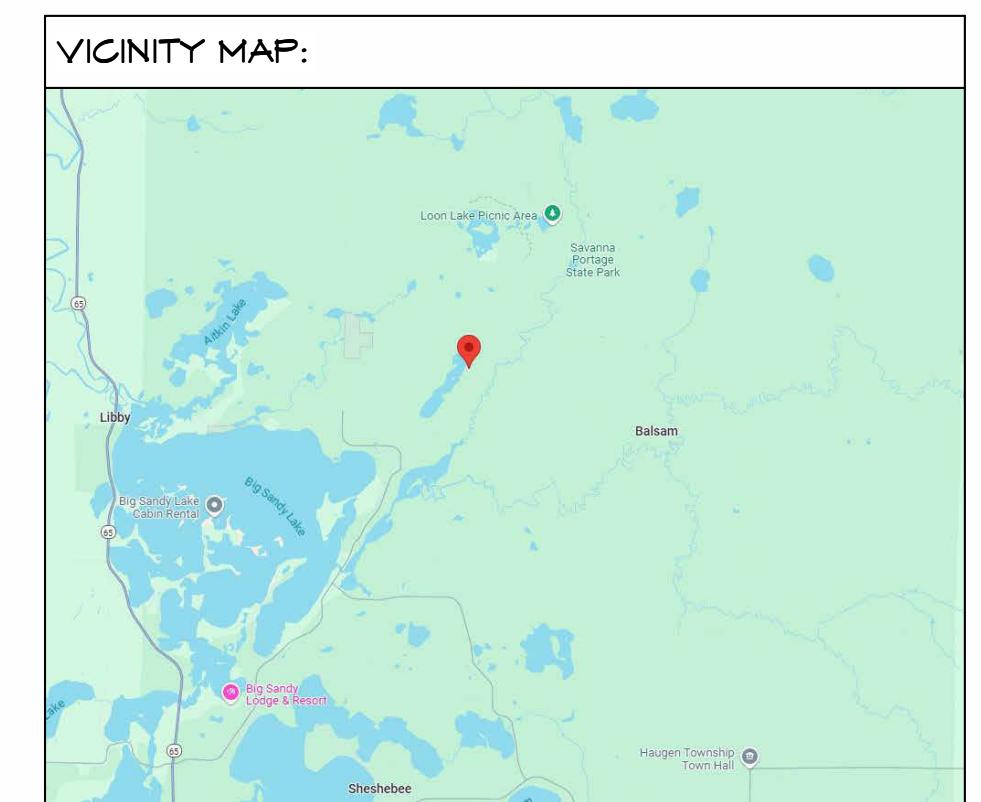
PRELIMINARY - NOT FOR CONSTRUCTION

TILFORD, TERRY & MELISSA
17108 540th Lane
McGregor, MN



ABBREVIATIONS:	
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
ADD	ADDITIONAL
AC	AIR CONDITIONING
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
BSMT	BASEMENT
BRG	BEARING
BLKG	BLOCKING
BD	BOARD
BO	BOTTOM OF
BLDG	BUILDING
B & B	BOARD & BATTEN
BRM CLST	BROOM CLOSET
CPT	CARPET
CLG	CEILING
CTR	CENTER
CT	CERAMIC TILE
CO	CASED OPENING
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CRS	COURSE(S)
CTOP	COUNTER TOP
D	DRYER
DBL O	DOUBLE OVEN
DEMO	DEMOLISH, DEMOLITION
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DW	DISHWASHER
EA	EACH
ELEC	ELECTRICAL
EP	ELECTRICAL PANEL
ELEV	ELEVATION
ENG	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXT	EXTERIOR
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FT	FEET OR FOOT
FIN	FINISH
FLR	FLOOR
FD	FLOOR DRAIN
FTG	FOOTING
FNDN	FOUNDATION
FURN	FURNITURE
GC	GENERAL CONTRACTOR
GL	GLASS
GBD	GYPSUM BOARD
GRT RM	GREAT ROOM
HDR	HARDWARE
HVAC	HEATING, VENTILATION & AIR CONDITIONING
HT	HEIGHT
HORZ	HORIZONTAL
IN	INCHES)
INSL	INSULATE, INSULATION
INT	INTERIOR
JST	JOIST
LAM	LAMINATE
LYL	LAMINATED VENEER LUMBER
LVT	LUXURY VINYL TILE
LTG	LIGHTING
MFR	MANUFACTURER
MO	MASONRY OPENING
MICRO	MICROWAVE
MAX	MAXIMUM
MECH	MECHANICAL
MTL	METAL
MIN	MINIMUM
MISC	MISCELLANEOUS
NTS	NOT TO SCALE
N/A	NOT APPLICABLE
O	ON
OC	ON CENTER
OPG	OPENING
OH	OVERHEAD
P	PAINT
PL	PLATE
PLAM	PLASTIC LAMINATE
PT	PORCELAIN TILE
PC	PRECAST CONCRETE
PREFIN	PREFINISHED
QTY	QUANTITY
R	RADIUS, RISER
REF	REFRIGERATOR
REINF	REINFORCED
REQD	REQUIRED
RM	ROOM
RO	ROUGH OPENING
RB	RUBBER BASE
RT	RUBBER TILE
SCHD	SCHEDULE
SHDR	SHOWER
SHLV	SHLVES
SIM	SIMILAR
SC	SOLID CORE
SS	SOLID SURFACE
SO	SHEETROCK OPENING
SPEC	SPECIFICATION(S)
SQ	SQUARE
SF	SQUARE FEET
SSTL	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STR	STRUCTURAL
T	TREAD
TO	TOP OF
TBD	TO BE DETERMINED
T&G	TONGUE & GROOVE
TEMP	TEMPERED, TEMPORARY
TYP	Typical
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VIF IN FIELD
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
WAC	WATER
W/D	WASHING MACHINE
WEC	WASHING & EXTRACTING
WC	WATER CLOSET
WIC	WALK-IN CLOSET
WH	WATER HEATER
WT	WEIGHT
WDW	WINDOW
W/W	WITH
W/O	WITHOUT
WD	WOOD

SYMBOL LEGEND:	
	= SMOKE DETECTOR
	= SMOKE & CARBON DIOXIDE DETECTOR
SQ. FT.	
MAIN LEVEL	1645 SF
TOTAL	1645 SF



SHEET INDEX	
A-0.0	COVER SHEET
A-0.1	3D IMAGES
A-1.0	SITE PLAN
A-2.0	FOUNDATION PLAN & DETAILS
A-2.1	FIRST FLOOR PLAN
A-3.0	ROOF PLAN
A-4.0	EXTERIOR ELEVATIONS
A-5.0	BUILDING SECTIONS
A-5.1	WALL SECTIONS
A-6.0	INTERIOR ELEVATIONS
A-7.0	SCHEDULES
A-8.0	CODE

PROJECT NUMBER: 25017
NOT TO SCALE IF PRINTED ON 11x17

COVER SHEET

A-0.0

DISCLAIMER:
THESE PLANS ARE DRAWN TO COMPLY WITH OWNER'S AND/OR BUILDER'S SPECIFICATIONS TO DATE. ANY ADVICE OR ASSISTANCE PROVIDED IS AT THE RESPONSIBILITY OF THE OWNER AND/OR BUILDER. THE BUILDER SHALL VERIFY ALL DRAWINGS AND DETAILS PRIOR TO CONSTRUCTION FOR OVERALL ACCURACY APPROPRIATE TO SITE CONDITIONS. ANY DISCREPANCIES, ERRORS AND/OR CHANGES MUST BE MADE BY THE OWNER AND/OR BUILDER PRIOR TO COMMENCING WORK SO REVISIONS CAN BE MADE. IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THAT ALL WORK IS IN ACCORDANCE WITH CURRENT CODE AND CONSTRUCTION STANDARDS. IT IS THE RESPONSIBILITY OF THE BUILDER TO ENSURE THAT ALL MANUFACTURED ARTICLES, MATERIAL, AND EQUIPMENT ARE INSTALLED AS DIRECTED BY MANUFACTURERS.



PRELIMINARY - NOT FOR CONSTRUCTION

TILFORD, TERRY & MELISSA
17108 540th Lane
McGregor, MN



PROJECT NUMBER:	25017
DRAWN BY:	SG
PRELIMINARY DATE:	10/06/25
REVISIONS:	
1	10/21/25
2	11/4/25
3	11/7/25
4	12/10/25
5	12/23/25
6	

NOT TO SCALE IF PRINTED ON 11x17

3D IMAGES

A-O.1

DISCLAIMER:
 THESE PLANS ARE DRAWN TO COMPLY WITH OWNER'S AND/OR BUILDER'S SPECIFICATIONS TO DATE. ANY CHANGES MADE TO THE PLANS AFTER THE DATE OF THIS DRAWING ARE THE RESPONSIBILITY OF THE OWNER AND/OR BUILDER. THE BUILDER SHALL VERIFY ALL DRAWINGS AND DETAILS PRIOR TO CONSTRUCTION FOR OVERALL ACCURACY APPROPRIATE TO SITE CONDITIONS. ANY DISCREPANCIES, ERRORS AND/OR CHANGES MUST BE COMMUNICATED TO THE OWNER AND DESIGNER PRIOR TO COMMENCING WORK SO REVISIONS CAN BE MADE. IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THAT ALL WORK IS IN ACCORDANCE WITH CURRENT CODE AND CONSTRUCTION STANDARDS. IT IS THE RESPONSIBILITY OF THE BUILDER TO ENSURE THAT ALL MANUFACTURED ARTICLES, MATERIAL, AND EQUIPMENT ARE INSTALLED AS DIRECTED BY MANUFACTURERS.



PRELIMINARY - NOT FOR CONSTRUCTION

TILFORD, TERRY & MELISSA

17108 540th Lane
McGregor, MN



PROJECT NUMBER: 25017
 DRAWN BY: SG
 PRELIMINARY DATE: 10/06/25

REVISIONS:

- 1 10/21/25
- 2 11/4/25
- 3 11/7/25
- 4 12/10/25
- 5 12/23/25
- 6

NOT TO SCALE IF PRINTED ON 11x17

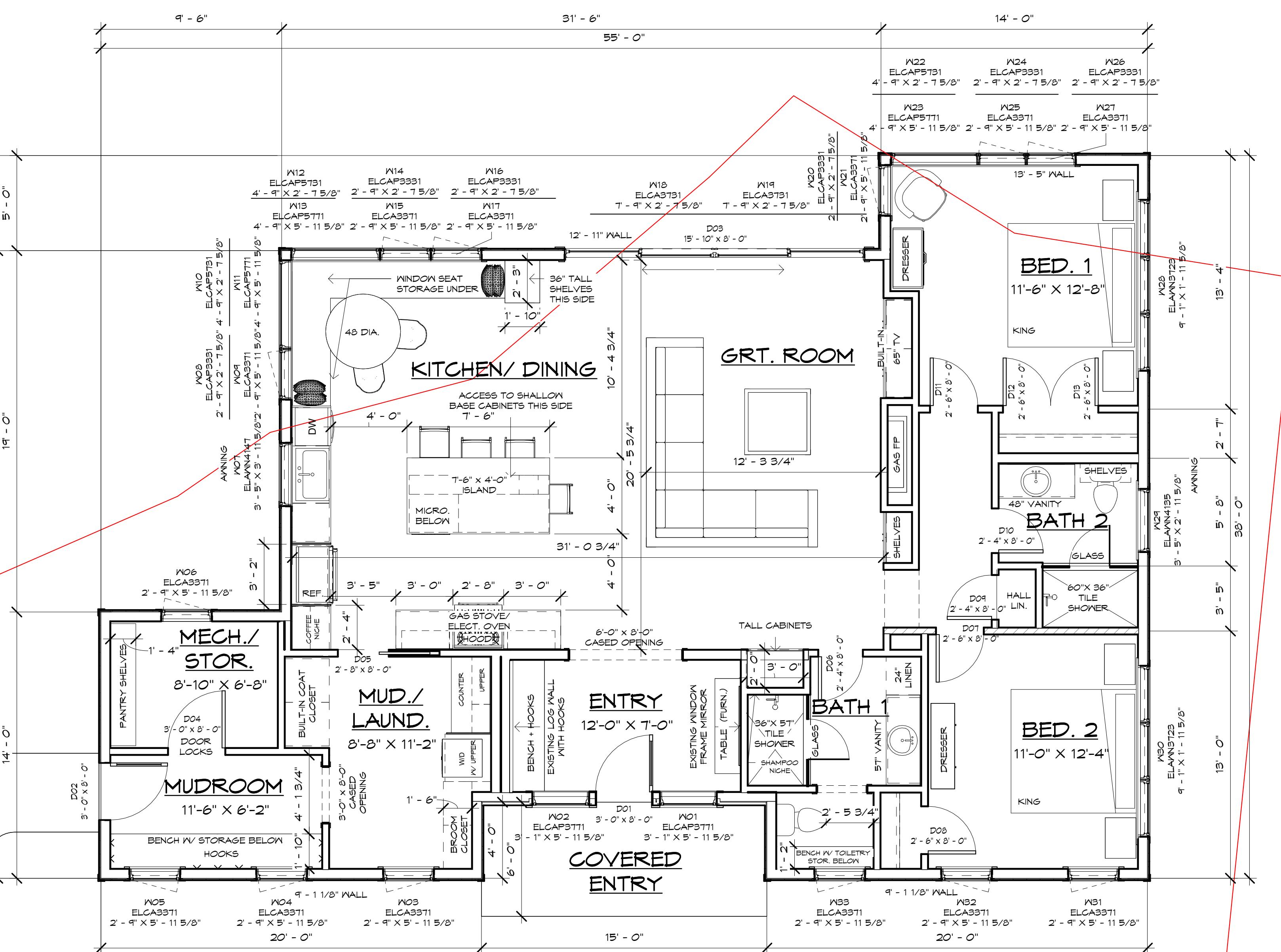
SITE PLAN

A-1.0

DISCLAIMER:
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PRELIMINARY - NOT FOR CONSTRUCTION

17108 540th Lane
 McGregor, MN



SQ. FT.	
MAIN LEVEL	1645 SF
TOTAL	1645 SF

PROJECT NUMBER:	
DRAWN BY:	SG
PRELIMINARY DATE:	10/06/25
REVISIONS:	
1	10/21/25
2	11/4/25
3	11/7/25
4	12/10/25
5	12/23/25
6	

NOT TO SCALE IF PRINTED ON 11x17

FIRST FLOOR PLAN
A-2.1

DISCLAIMER:
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AND/OR BUILDER'S SPECIFICATIONS TO DATE. ANY
ALTERATIONS OR CHANGES MADE TO THESE PLANS ARE THE
RESPONSIBILITY OF THE OWNER AND/OR BUILDER. THE
BUILDER SHALL VERIFY ALL DRAWINGS AND DETAILS
PRIOR TO CONSTRUCTION FOR OVERALL ACCURACY
APPROPRIATE TO SITE CONDITIONS. ANY
DISCREPANCIES, ERRORS AND/OR CHANGES MUST BE
NOTIFIED TO THE DESIGNER IN WRITING PRIOR TO
COMMENCING WORK SO REVISIONS CAN BE MADE.
IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THAT
ALL WORK IS IN ACCORDANCE WITH CURRENT CODE
AND CONSTRUCTION STANDARDS. IT IS THE
RESPONSIBILITY OF THE BUILDER TO ENSURE THAT ALL
MANUFACTURED ARTICLES, MATERIAL, AND EQUIPMENT
ARE INSTALLED AS DIRECTED BY MANUFACTURERS.



PRELIMINARY - NOT FOR CONSTRUCTION

TILFORD, TERRY & MELISSA

17108 540th Lane
McGregor, MN

PROJECT NUMBER: 25017

DRAWN BY: SG

PRELIMINARY DATE: 10/06/25

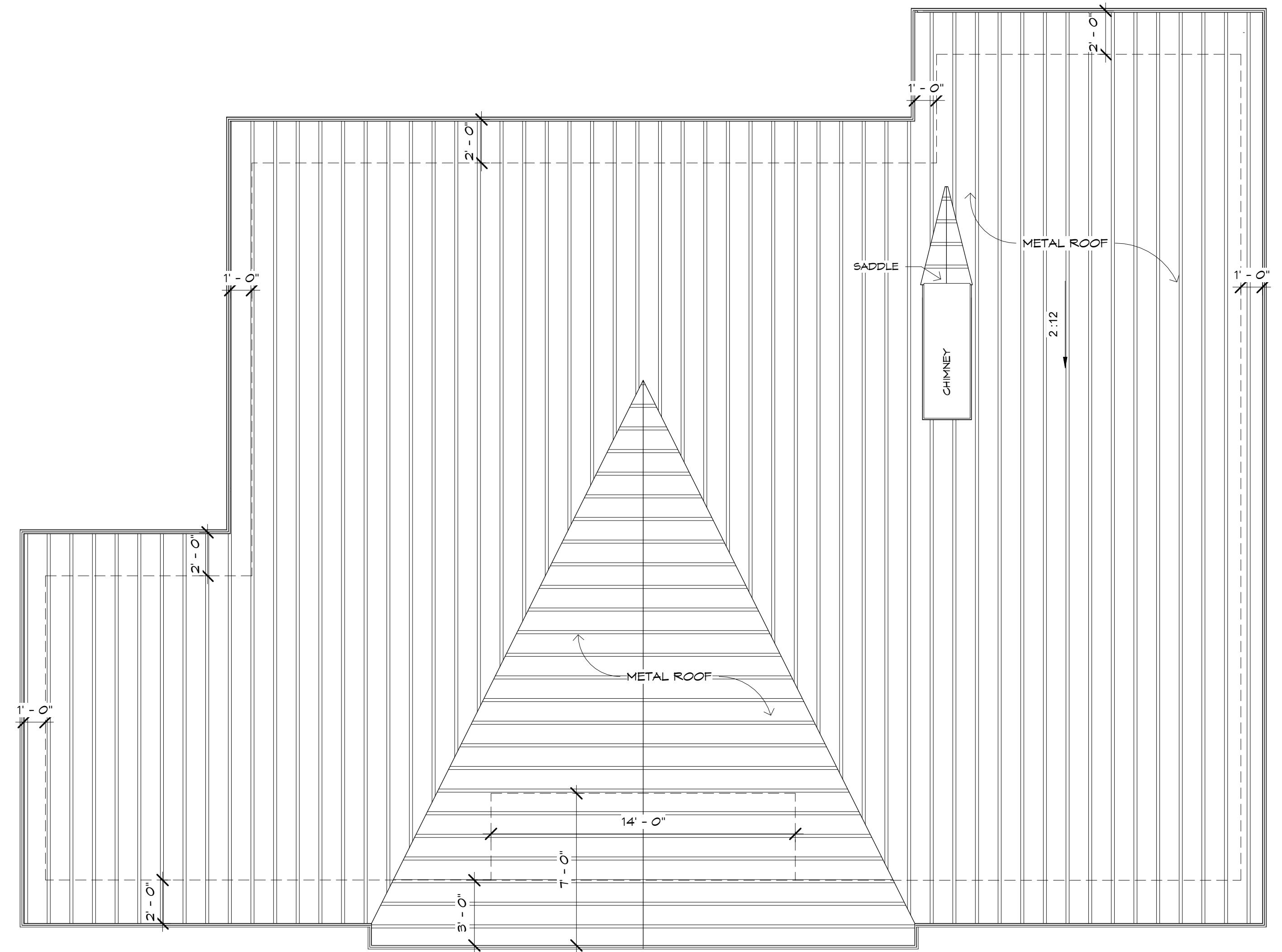
REVISIONS:

1	10/21/25
2	11/4/25
3	11/7/25
4	12/10/25
5	12/23/25
6	

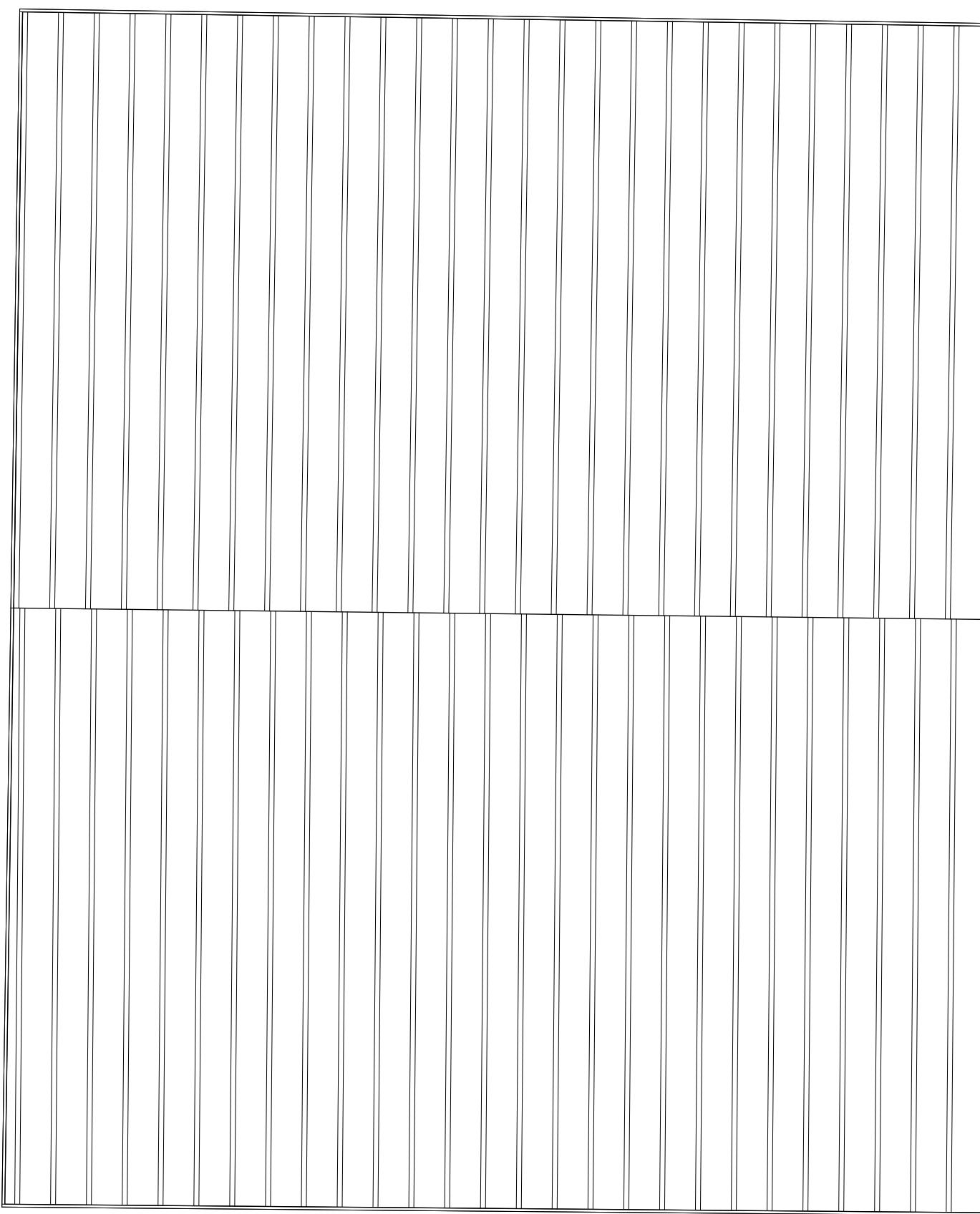
NOT TO SCALE IF PRINTED ON 11x17

ROOF PLAN

A-3.0



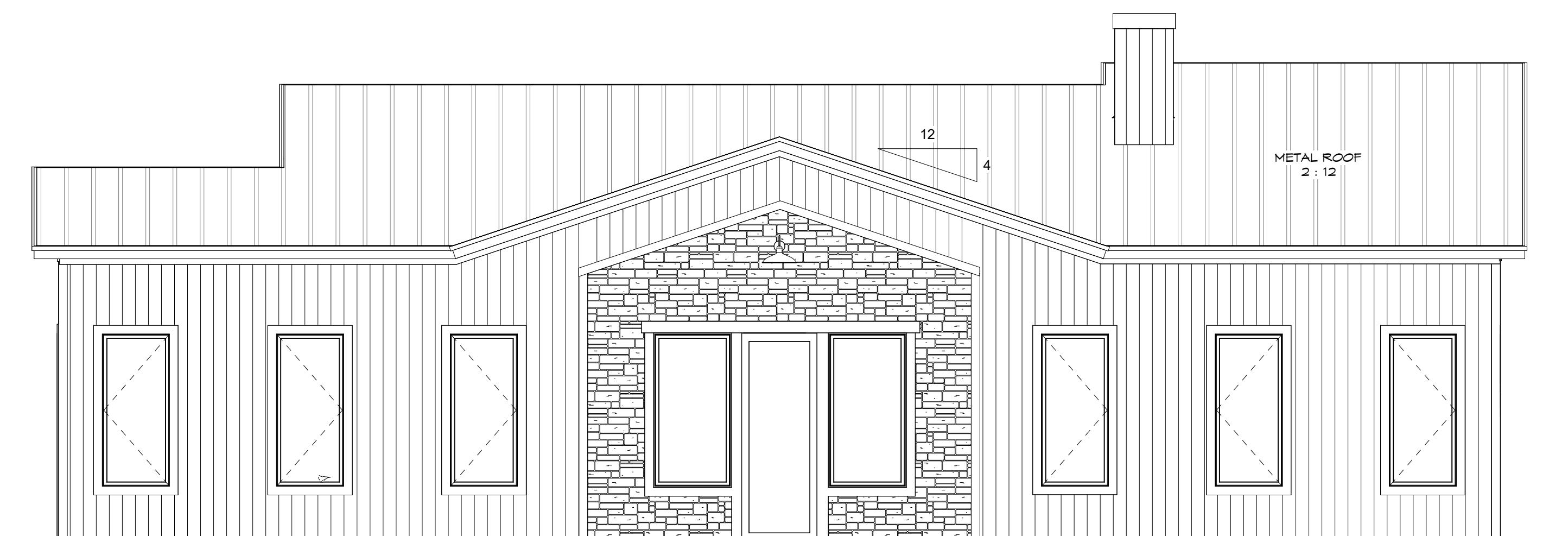
① ROOF PLAN
1/4" = 1'-0"



DISCLAIMER:
THESE PLANS ARE DRAWN TO COMPLY WITH OWNER'S
AND/OR BUILDER'S SPECIFICATIONS TO DATE. ANY
ALTERATIONS MADE TO THESE PLANS ARE THE
RESPONSIBILITY OF THE OWNER AND/OR BUILDER. THE
BUILDER SHALL VERIFY ALL DRAWINGS AND DETAILS
PRIOR TO CONSTRUCTION FOR OVERALL ACCURACY
APPROPRIATE TO SITE CONDITIONS. ANY
DISCREPANCIES, ERRORS AND/OR CHANGES MUST BE
NOTIFIED TO THE DESIGNER IN WRITING PRIOR TO
COMMENCING WORK. SO REVISIONS CAN BE MADE.
IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THAT
ALL WORK IS IN ACCORDANCE WITH CURRENT CODE
AND CONSTRUCTION STANDARDS. IT IS THE
RESPONSIBILITY OF THE BUILDER TO ENSURE THAT ALL
MANUFACTURED ARTICLES, MATERIAL, AND EQUIPMENT
ARE INSTALLED AS DIRECTED BY MANUFACTURERS.

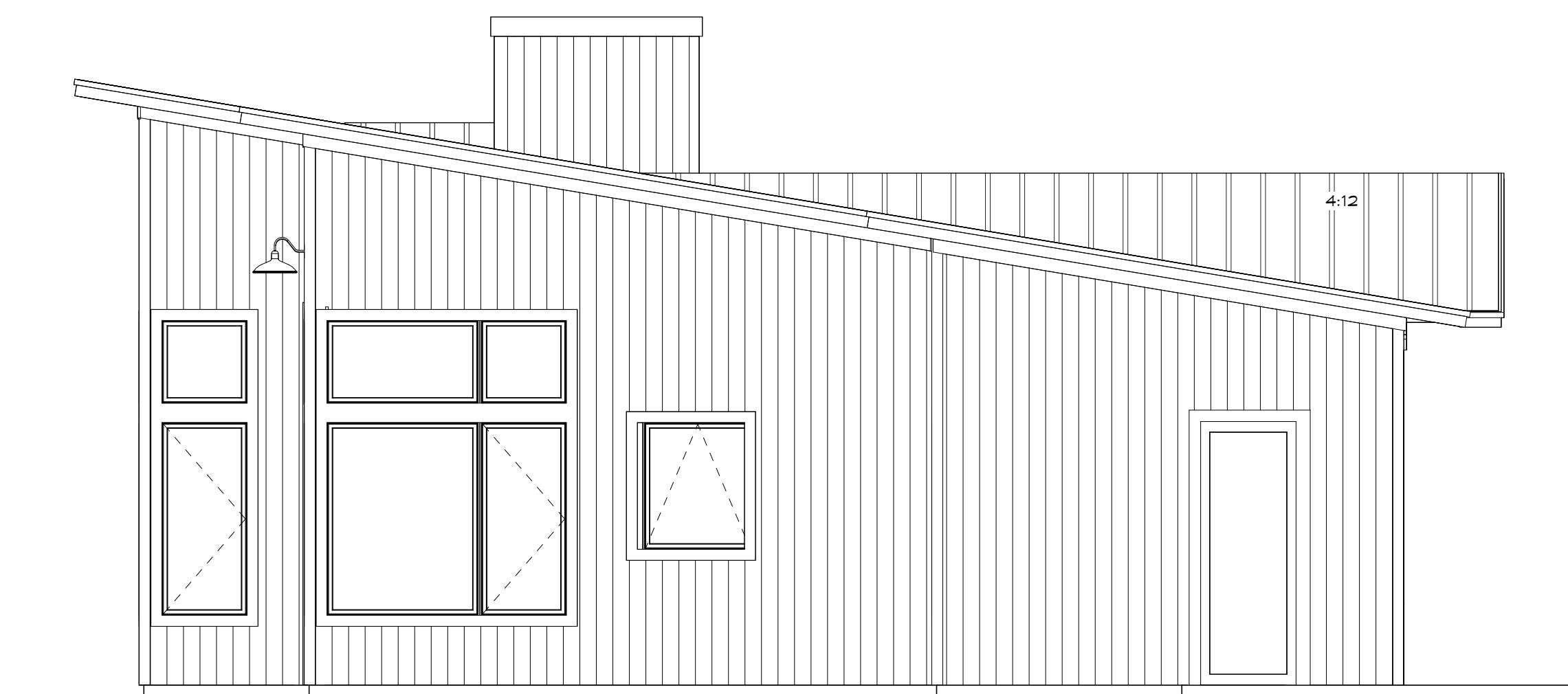


PRELIMINARY - NOT FOR CONSTRUCTION



MIN. 6" WOOD/ EARTH SEPARATION REQ'D
MIN. SLOPE OF 6" IN FIRST 10".

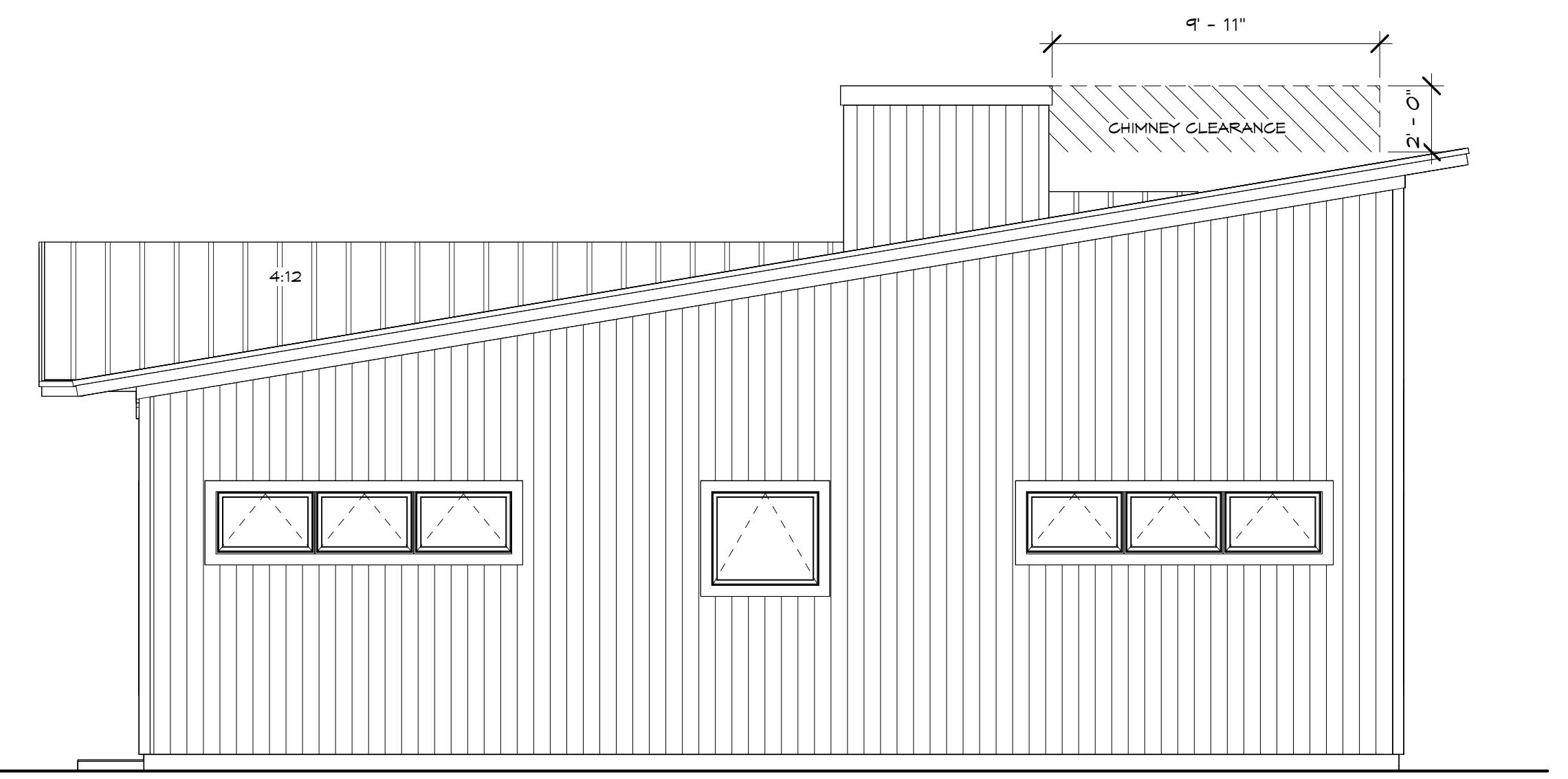
① FRONT ELEVATION
1/4" = 1'-0"



② LEFT ELEVATION
1/4" = 1'-0"



③ REAR ELEVATION
1/4" = 1'-0"



④ RIGHT ELEVATION
1/4" = 1'-0"

TILFORD, TERRY & MELISSA
17108 540th Lane
McGregor, MN

17108 540th Lane
McGregor, MN

PROJECT NUMBER:	25017
DRAWN BY:	SG
PRELIMINARY DATE:	10/06/25
REVISIONS:	
1	10/21/25
2	11/4/25
3	11/7/25
4	12/10/25
5	12/23/25
6	

NOT TO SCALE IF PRINTED ON 11x17

EXTERIOR ELEVATIONS

A-4.0

ELIMINATING -YAN- FOR CONS -NO- -YAN-



PROJECT NUMBER:	25017	
DRAWN BY:	SG	
PRELIMINARY DATE:	10/06/25	
REVISIONS:		
1	10/21/25	1/14/26
2	11/4/25	
3	11/7/25	
4	12/10/25	
5	12/23/25	
6	1/12/26	

NOT TO SCALE IF PRINTED ON 11X17

SITE PLAN

A-1.0

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 2 Proposed Structure Height 16 ft.

Existing Total Building Coverage 2.7 % Proposed Total Building Coverage 3.6 %

Existing Total Impervious Surface Coverage 10.2 % Proposed Total Impervious Surface Coverage 11.1 %

"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):

1645 SF 2 Bed 2 Bath w/ Covered Entry

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) Single Story, 2 Bed
2 Bath House

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

Proposed Setback _____ ft.
Proposed Setback _____ ft.
Proposed Setback _____ ft.
Proposed Setback 15 ft. 7"
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 _____ 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

Proposed Addition(s) Height _____ ft.

Final # of bedrooms after remodel _____

Proposed Building Coverage _____ %

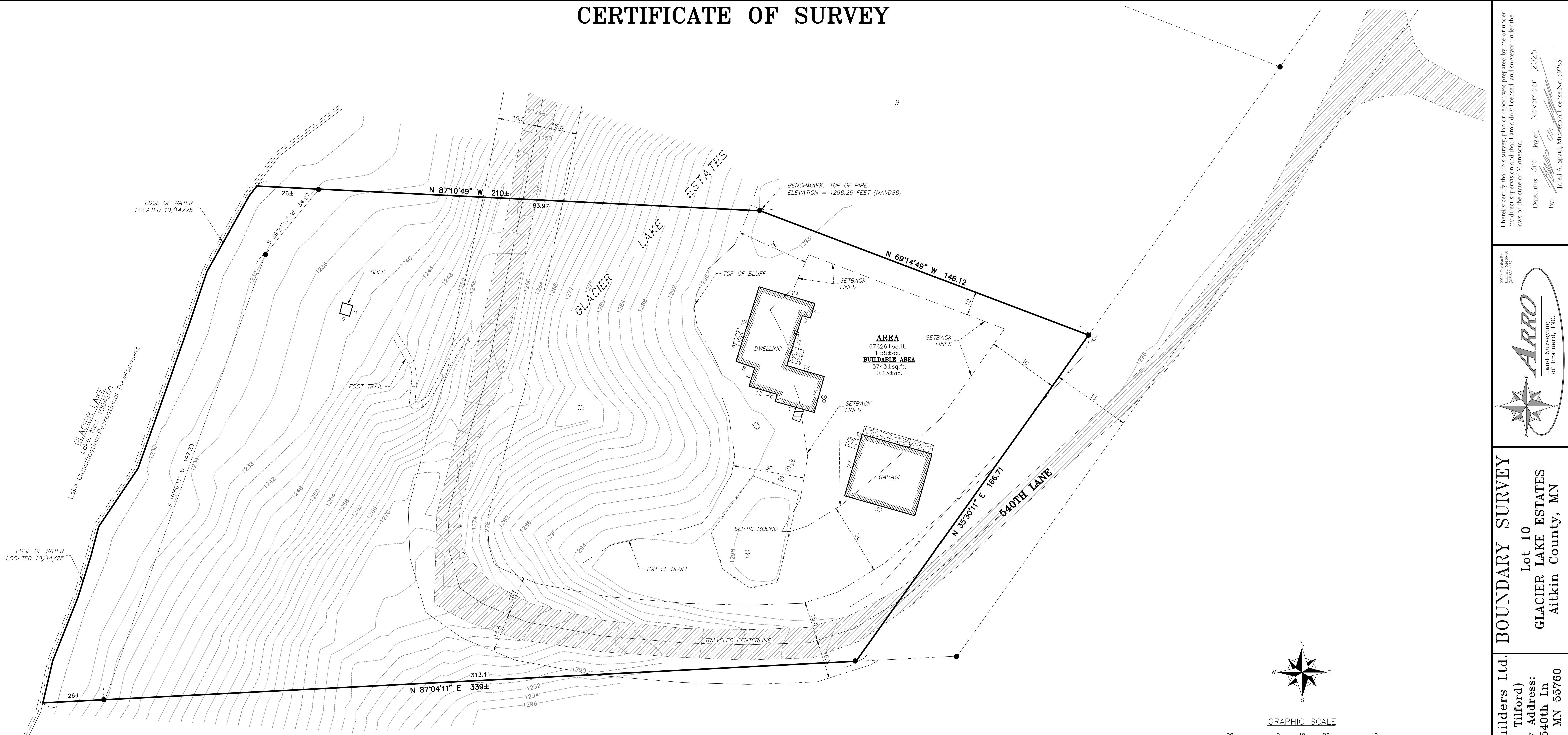
Proposed Total Impervious Surface Coverage _____ %

"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):

CERTIFICATE OF SURVEY



DESCRIPTION - (Parcel No.: 32-1-079600)

DESCRIPTION (Parcel No.: 32 1 375555) Lot Ten (10) GLACIER LAKE ESTATES Aitkin County, Minnesota

SURVEYOR'S NOTES.

1. Bearing Orientation: Aitkin County coordinate system (NAD83).
2. Vertical elevation and datum based on GSID Sta# 39783 (Turner MN001). Elevation = 1244.12 feet (NAVD88).
3. The field survey was completed on 10/14/2025.
4. Arro Land Surveying of Brainerd, INC. has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
5. Wetlands may exist on subject property but were not identified in the preparation of this survey.
6. The utilities as shown on this survey were developed from the visible utilities across your property and is not implied nor intended to be the complete inventory of utilities in this area. It is the client's responsibility to verify the location of all utilities prior to construction or improving your property.
7. Property Zoning: Shoreland
8. Setback Requirements: OHW (RD) = 100 feet Top of Bluff = 30 feet R-O-W = 30 feet Property Line = 10 feet
9. It is the client's responsibility to verify zoning and setback requirements prior to construction or improving your property.

IMPERVIOUS SURFACE:

IMPER

EXISTING

Parcel Area = 6/626 sq ft

Dwelling = 1060 sq ft
Garage = 810 sq ft

Shed = 20 sq ft

Concrete Surface = 190 sq ft
Gravel Surface = 4454 sq ft

Deck = 18 sq ft
2 Bed Sentic = 380 sq ft

Total Impervious Surface = 6932

$$6932/67626 = 0.103$$

Existing Impervious Surface = 10

END

END
INCH IRON PIPE SET
WITH RLS 59285 CAP.
ND SURVEY MONUMENT
CTRIC METER
ITY POLE
TIC MANHOLE
TIC CLEANOUT
CE
VEL SURFACE
CRETE SURFACE

CLIENT: G























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: _____
- 2) Determine the required "Structure Setback" to that classification of water (SMO 5.2)..... 2: 30'
- 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: 15'
- 4) Enter the corresponding 'Score Multiplier' 4: 3.33
- 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: 50

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		
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	3.33	10.000
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) 50 + Mitigation Totals (Lines A-I) 50 = 100

*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

N/A 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.

N/A Location of sediment barriers around on-site storm sewer inlets.

N/A 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.

N/A 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.

N/A 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.

N/A 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.

N/A 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.

N/A 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 17108 540th Ln. McGregor, MN

Builder Grandt Builders Owner Terry + Melissa Tiford

Worksheet Completed By Shane Donevan Date 1/23/26

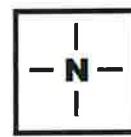
Amount of earthen material to be excavated and/or used for fill _____ cubic yards.

SITE DIAGRAM

Scale 1 inch = _____ feet

Please indicate north by completing the arrow.

See Attached Survey



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

→ Lot 10, Glacier Lake Estates, according to the recorded plat thereof, and situate in County, Minnesota. Together with a roadway easement to be used in common with other owners in said addition over and across Lots 8, 9 and 10, described as follows:

→ A strip of land 20 feet in width for roadway purposes over and across Lots 8, 9 and 10, Glacier Lake Estates, Aitkin County, Minn., the center line of which is described as follows:

Beginning at a point on the Easterly line of said Lot 10, with its intersection with a line parallel with and 10 feet North of the South line of said Lot 10; thence West along said parallel line a distance of 192.87 feet; thence N. 15 degrees 40 minutes E., a distance of 361.33 feet; thence N. 3 degrees 15 minutes 30 seconds W., a distance of 109.84 feet to a point on the South line of Outlot A., in said Glacier Lake Estates, 126.22 feet West of the Southeast corner thereof and there terminating;

→ Also together with the right of ingress and egress to the property herein purchased over a strip of land 33 feet in width over and across the North 400 feet of Gov. Lot 1, Sec. 26, Twp. 50, Rge. 23 and the NW 1/4 of NW 1/4, Sec. 25, Twp. 50, Rge. 23 all in Aitkin County, Minn., the center line of which is described as follows:

Beginning at a point on the Southeasterly right of way line of Glacier Lake Drive, as of record on the plat of Glacier Lake Estates, in the office of the Register of Deeds, Aitkin County, Minnesota, distant 200 feet Southwesterly from the North line of said Sec. 26, as measured along the Southeasterly right of way of said Glacier Lake Drive; thence S. 65 degrees 30 minutes E., 75 feet; thence N. 86 degrees 30 minutes E. 110.0 feet; thence S. 71 degrees E. 160.0 feet; thence N. 79 degrees 30 minutes E., 75.0 feet; thence N. 68 degrees E. 150.0 feet; thence S. 69 degrees E., 120.0 feet; thence S. 51 degrees E., 105.0 feet; thence S. 42 degrees 30 minutes E., 110.0 feet; thence S. 37 degrees E., 238.0 feet, more or less, to the center of County State Aid Highway No. 36, and there terminating.

Abstract Property.

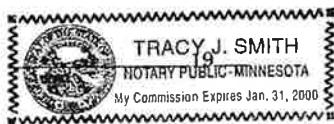
Form No. 1003—Certificate of Acknowledgment

Miller Davis Co. Minneapolis

STATE OF Minnesota
County of Hennepin

On this 15th day of September A.D. 1995, before me, a Notary Public within and for said County, personally appeared Stephen Gravenshuh, married to Nancy Gravenshuh to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

My commission expires



RECORDED	RECORDED
TRACT INDEX	RECEIVED
GRANTOR	ATKIN COUNTY, MINNESOTA
GRANTEE	NO WILL CERTIFICATE NOT REQUIRED
COMPARED	()

COUNTY RECORDER
AITKIN COUNTY, MINNESOTA

FILED
SEP 20 1995 AM
As Doc. No. 292269

SEARCHED
Linda Hansen

292269

FILED SEP 20 1995 AT 9AM

Everett Davies, County Recorder

No delinquent taxes and transfer entered; Certificate of Real Estate Value (<input checked="" type="checkbox"/> filed (<input type="checkbox"/>) not required Certificate of Real Estate Value No. <u>22743</u> <u>September 20, 1995</u>	
<u>Alice Oathes</u> County Auditor	
by <u>Maria Burman</u> Deputy	

STATE DEED TAX DUE HEREON: \$ 198.00

Date: September 15, 19 95

(reserved for recording data)

FOR VALUABLE CONSIDERATION, Stephen Frauenshuh and Nancy Frauenshuh
husband and wife, Terence C. Tilford, Grantor (s),
(marital status)
hereby convey (s) and warrant (s) to Terence C. Tilford, Grantee (s),
real property in AITKIN County, Minnesota, described as follows:

→ See Exhibit -A

AITKIN COUNTY DEED TAX

No 137 Date 9/20/95
1980b Deed Tax Paid
Terence C. Tilford
County Auditor
By M. L. L. Deputy

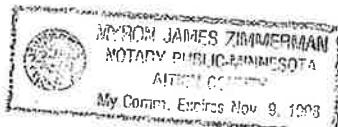
(if more space is needed, continue on back)
together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions:

Affix Deed Tax Stamp Here

STATE OF MINNESOTA
COUNTY OF Aitkin } ss.

The foregoing instrument was acknowledged before me this 14 day of Sept, 19 95,
by Nancy Frauenshuh, married to Stephen Frauenshuh, Grantor (s).

NOTARIAL STAMP OR SEAL (OR OTHER TITLE OR RANK)



THIS INSTRUMENT WAS DRAFTED BY (NAME AND ADDRESS)

EDGEWATER REALTY PARTNERS
BOX 365
MCGREGOR, MN. 55760

MYRON ZIMMERMAN—BROKER

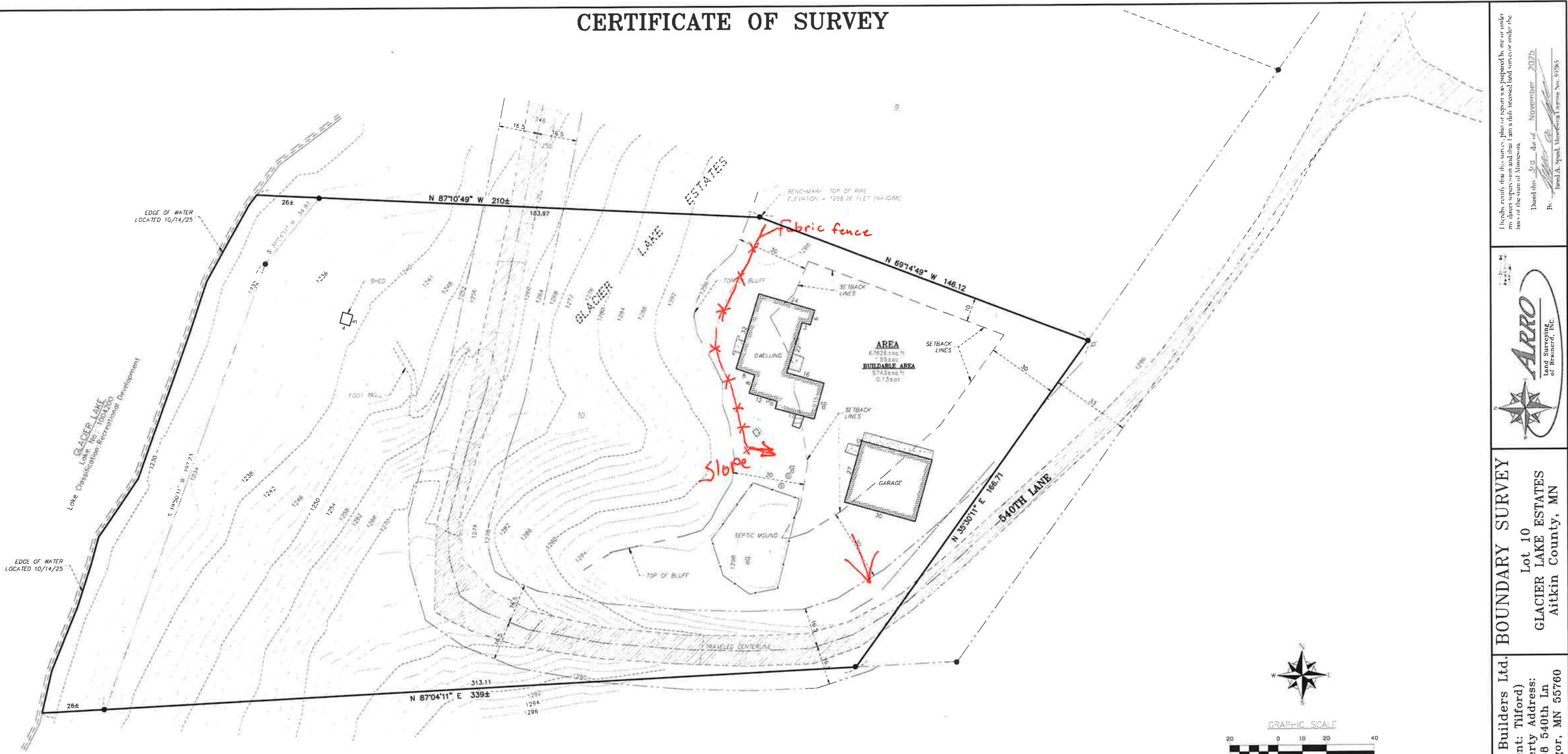
Myron J. Zimmerman

SIGNATURE OF PERSON TAKING ACKNOWLEDGMENT

Tax Statements for the real property described in this instrument should be sent to (Include name and address of Grantee):

TERENCE C. TILFORD
8500 ALDRICH AVE. SO.
BLOOMINGTON, MN. 55420

CERTIFICATE OF SURVEY



DESCRIPTION - (Parcel No.: 32-1-079600)
Lot Ten (10) GLACIER LAKE ESTATES, Aitkin County, Minnesota.

SURVEYOR'S NOTES:

1. Bearing Orientation: Aitkin County coordinate system (NAD83).
2. Vertical elevation and datum based on GSID Sta# 39783 (Turner MNG01). Elevation = 1244.12 feet (NAVD88).
3. The field survey was completed on 10/14/2025.
4. Arro Land Surveying of Brainerd, INC has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
5. Wetlands may exist on subject property but were not identified in the preparation of this survey.
6. The utilities as shown on this survey were developed from the visible utilities across your property and is not implied nor intended to be the complete inventory of utilities in this area. It is the client's responsibility to verify the location of all utilities prior to construction or improving your property.
7. Proper Zoning: Shoreland
8. Setback Requirements: OHW (RD) = 100 feet Top of Bluff = 30 feet R-O-W = 30 feet Property Line = 10 feet
9. It is the client's responsibility to verify zoning and setback requirements prior to construction or improving your property.

IMPERVIOUS SURFACE	
EXISTING	
Parcel Area = 67626 sq ft	100%
Deck = 1060 sq ft	100%
Garage = 410 sq ft	
Shed = 20 sq ft	
Concrete Surface = 190 sq ft	
Gravel Surface = 4434 sq ft	
Deck = 18 sq ft	
Deck Split = 380 sq ft	
Total Impervious Surface = 6939 sq ft	
Existing Impervious Surface = 10.5%	

DRAWN BY	CHECKED BY	CLIENT: Grandt Builders Ltd.	BOUNDARY SURVEY
KIG	JAS	(Client: Tifford)	Lot 10
CRW - S. KG.	JAS	Property Address:	GLACIER LAKE ESTATES
SG	DAV	17108 540th Ln	Aitkin County, MN
CRW	DAV	McGregor, MN 55760	

LEGEND

- DENOTES 1/2 INCH 400 SQ FT SET AND MARKED WITH #15 59285 CAP
- DENOTES FOUND SURVEY MONUMENT
- DENOTES ELECTRIC METER
- DENOTES UTILITY POLE
- DENOTES SEPTIC MANHOLE
- DENOTES SEPTIC CLEANDOUT
- DENOTES FENCE
- DENOTES GRAVEL SURFACE
- DENOTES CONCRETE SURFACE

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.
Dated this 5th day of November 2025
By: [Signature]



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
	11-0-025601	44146 Tame Fish Lake Rd AITKIN, MN 56431	HAZELTON TWP	MEEHAN, JOHN C & CLAUDIA C TRUSTEES	MEEHAN, JOHN C & CLAUDIA C TRUSTEES	PART OF LOT 3 N OF ROAD LESS CO RD ROW & LESS E 727.21 FT		S:8 T:45 R:27	RD	FARM ISLAND LAKE
Driving directions to the proposed project from Aitkin:	Head south on 169 out of Aitkin, turn west onto Tame Fish Lake Road. Continue until you reach 44146 on the north side of Tame fish lake road.									
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):	Requesting a variance for a 30x40 pole building without living quarters. The existing 26x38 building sits 57' from the OHW, we would like to tear this down and attach it to the existing 30x40 pole building sitting 58' from the OHW. Connecting these two buildings we would raise the wall height from 8' to 12' while still being within the setback lines to the wetlands south of these buildings.
Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:	5.21 Placement of Structures on Lots

Supplemental Data

Attach completed form here:	<div style="border: 2px dashed #ccc; padding: 5px; text-align: center;">File 1:  supplemental_data_app.pdf</div>
-----------------------------	---

A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<p>Location and dimensions for all lot lines.</p> <p>Location and dimensions of all existing and proposed structures/additions.</p> <p>Location and depth of all existing and proposed wells within 100 feet of the property.</p> <p>Location and dimensions of all existing and proposed septic system components (septic tank, septic drainfield).</p> <p>Location and dimensions of all existing and proposed driveways, road right-of-ways, and easements.</p> <p>If topography is unusual, show elevations and location of bluffs, steep slopes, wetlands, etc.</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:	<div style="border: 2px dashed #ccc; padding: 5px; text-align: center;">File 1:  12_side_wall_sketch.pdf File 2:  22-012B_Grandt_Builders_Cert_1-28-26.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: 2px dashed #ccc; padding: 5px; text-align: center;">File 1:  side_sketch.pdf</div>
---	---

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: [!\[\]\(1d8b21bd91d4dd3773223ed44a91b69f_img.jpg\) 22-012B_Grandt_Builders_Cert_1-28-26.pdf](#)

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [!\[\]\(4e9869dd08873db8c19241f928ae039f_img.jpg\) 1352_001.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [!\[\]\(4b791d9b3e5ebbbcc59ef270913dac3a_img.jpg\) erosion_control_plan_checklist.pdf](#)

File 2: [!\[\]\(d1c41dfa26dd32293315fbb87a9ff334_img.jpg\) erosion_control_survey.pdf](#)

Property Deed

Attach the property deed:

File 1: [!\[\]\(84d46392f44b2768cf8832459974ca93_img.jpg\) contract_deed_1.pdf](#)

File 2: [!\[\]\(f84f1873897288fda44de7d279af0fcc_img.jpg\) contract_deed_2.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 #68641 (01/28/2026) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 01/28/2026 3:15 PM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 01/28/2026 3:15 PM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			
			Total \$696.00
			Payment 01/28/2026 \$696.00
			Due \$0.00

Results [\(Go to top\)](#)
Signature replaced

Approvals

Approval	Signature

Applicant	Shane Donovan - 01/28/2026 3:25 PM 03848de1a79b6efbfd5553eb727d1d51 1fa7bf904626e21c4c5386ebc993e997
#1 Administrative Review	Kim Burton - 02/04/2026 12:56 PM 53ccbac3287bbf3785a8b60a8477ae01 c026e3494a1b0d6688e89e9ac863b283
#2 Board of Adjustment Approval	

Public Notes

Text:	<div style="border: 1px solid #ccc; height: 400px; width: 100%;"></div>
File(s):	<div style="border: 1px dashed #ccc; height: 40px; width: 100%;"></div>

Admin Checklist

This review has been started by:	Kim Burton <input type="button" value="▼"/>
Zoning District of project location:	Shoreland <input type="button" value="▼"/>
Project located in the floodplain?	No <input type="button" value="▼"/>

Is the parcel a Lot of Record before 1-21-92 or have alternate sites been identified?	<input type="button" value="Yes ▾"/>
Is this an after-the-fact application?	<input type="button" value="No ▾"/>

Numbers

	Current Number	Next from Sequence
UID #	219709	<i>not applicable</i>
App. #	2026-000018	<input type="button" value="««"/> 2026-000022
Permit #		<input type="button" value="««"/> 2026-0016

[Print View](#)



AITKIN COUNTY ENVIRONMENTAL SERVICES PLANNING & ZONING

Aitkin County Government Center
307 2nd Street NW, Room 219
Aitkin, MN 56431

aitkinpz@aitkincountymn.gov
Phone: 218-927-7342
Fax: 218-927-4372

AUTHORIZED AGENT FORM

I hereby authorize the agent named below to act as my authorized agent for all public hearing applications and land use permits on property located at:

Parcel
Numbers(s): 11-0-025601

E911 Address
of Property: 44146 Tame Fish Lake Road Aitkin, MN 56431

Authorized Agent Information:

Agent name: Dale Grandt

Property Owner Information:

Property Owner
Signature:

Date: 1-28-26

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 0 Proposed Structure Height 24 ft.

Existing Total Building Coverage 2.47 % Proposed Total Building Coverage 2.57 %

Existing Total Impervious Surface Coverage 13 % Proposed Total Impervious Surface Coverage 13 %

"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):

30x40 1200 S. F. Pole Shed

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) Pole Shed without
living quarters

Ordinary High Water Level (OHWL) Proposed Setback 58 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

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

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 _____

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

<input type="checkbox"/> Ordinary High Water Level (OHWL)	Proposed Setback _____ 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 4 – Land Alteration

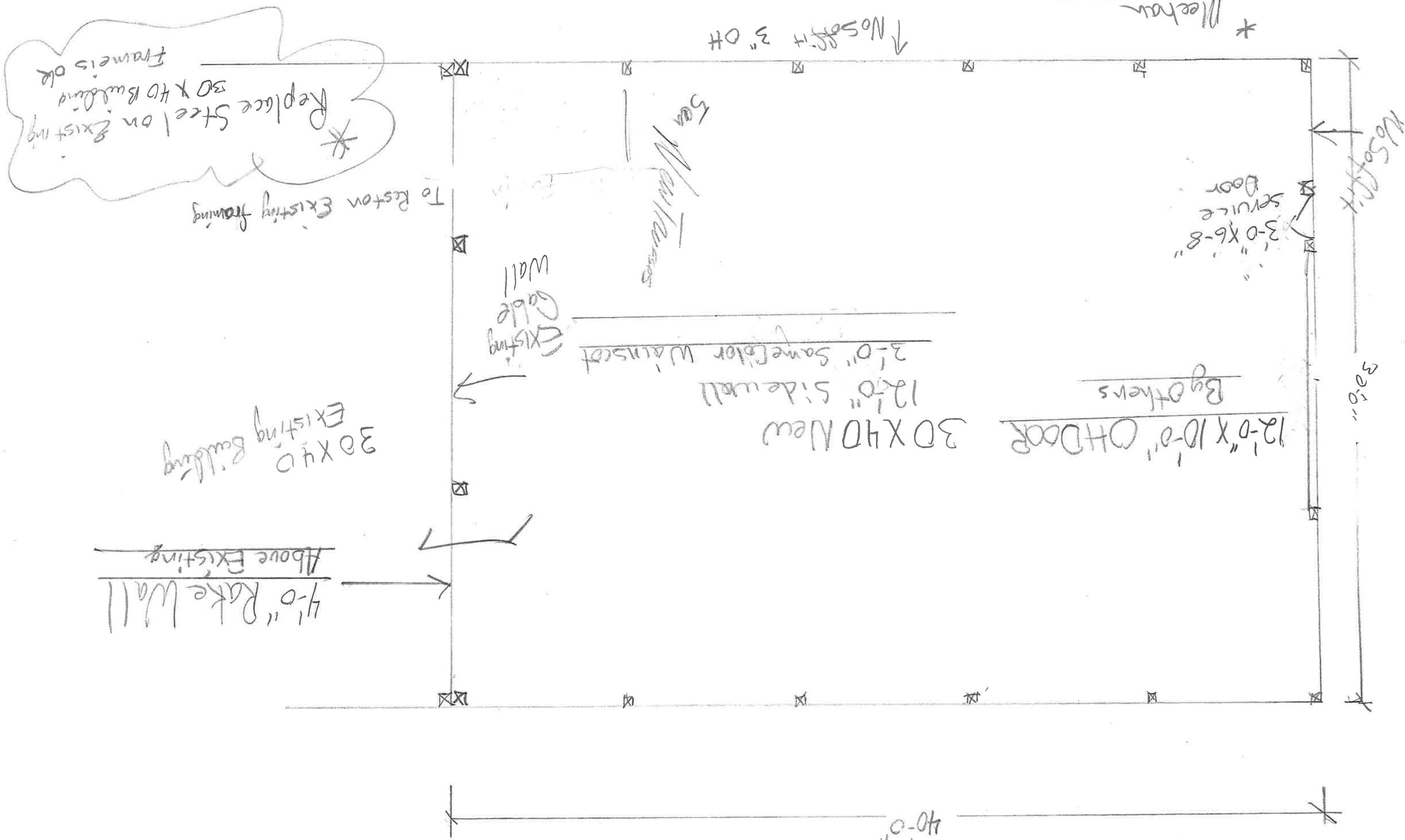
What is your land alteration? Check all categories that apply and indicate the total amount of excavation or placement of fill.

<input type="checkbox"/> More than 10 cubic yards on steep slopes and shore and bluff impact zones.	Total Cubic Yds. _____
<input type="checkbox"/> Other: _____	Total Cubic Yds. _____

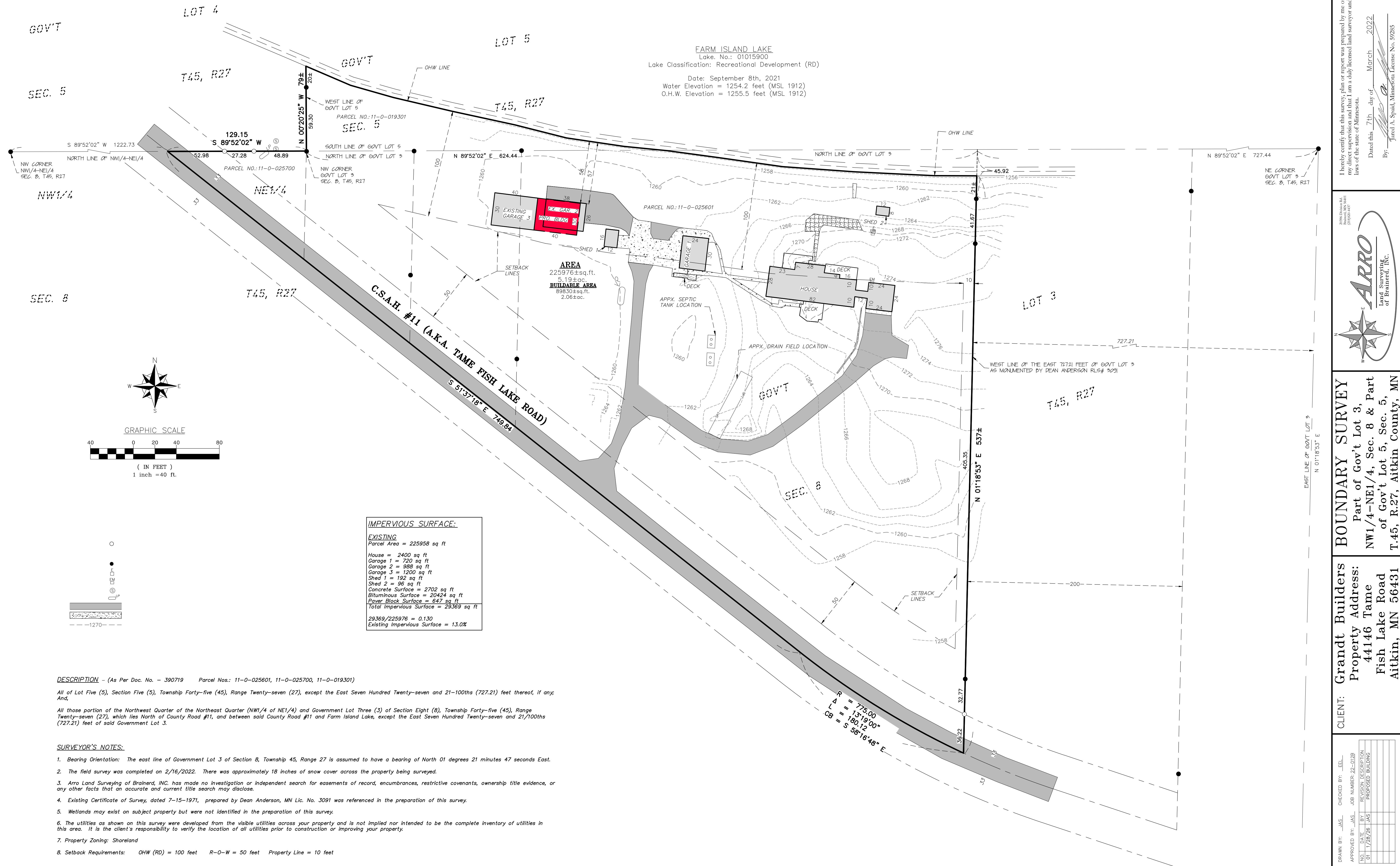
Section 5 – Creating Nonconforming Lot(s)

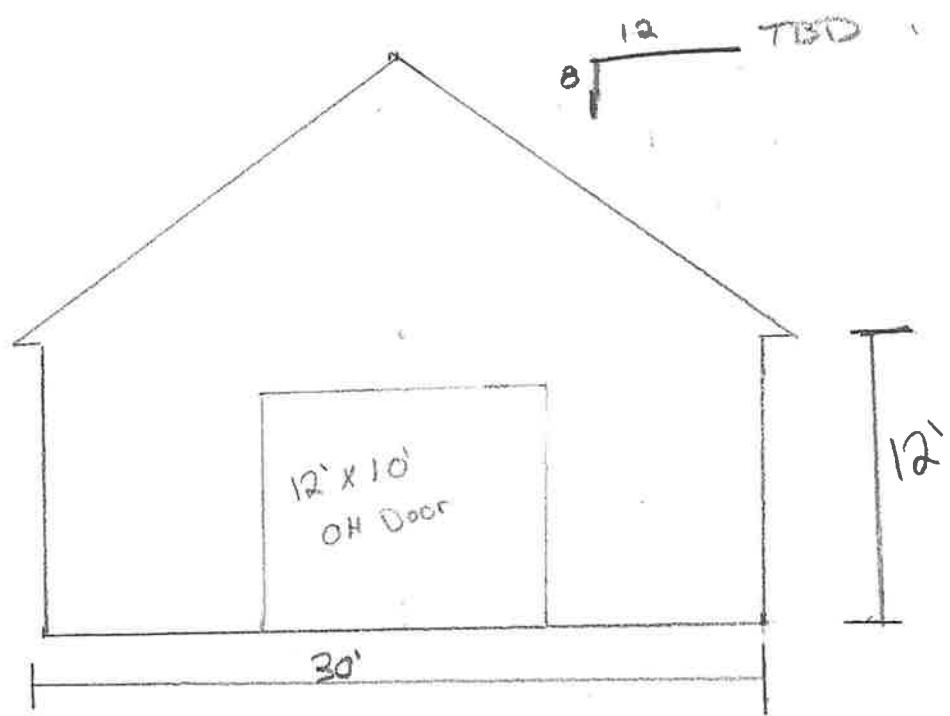
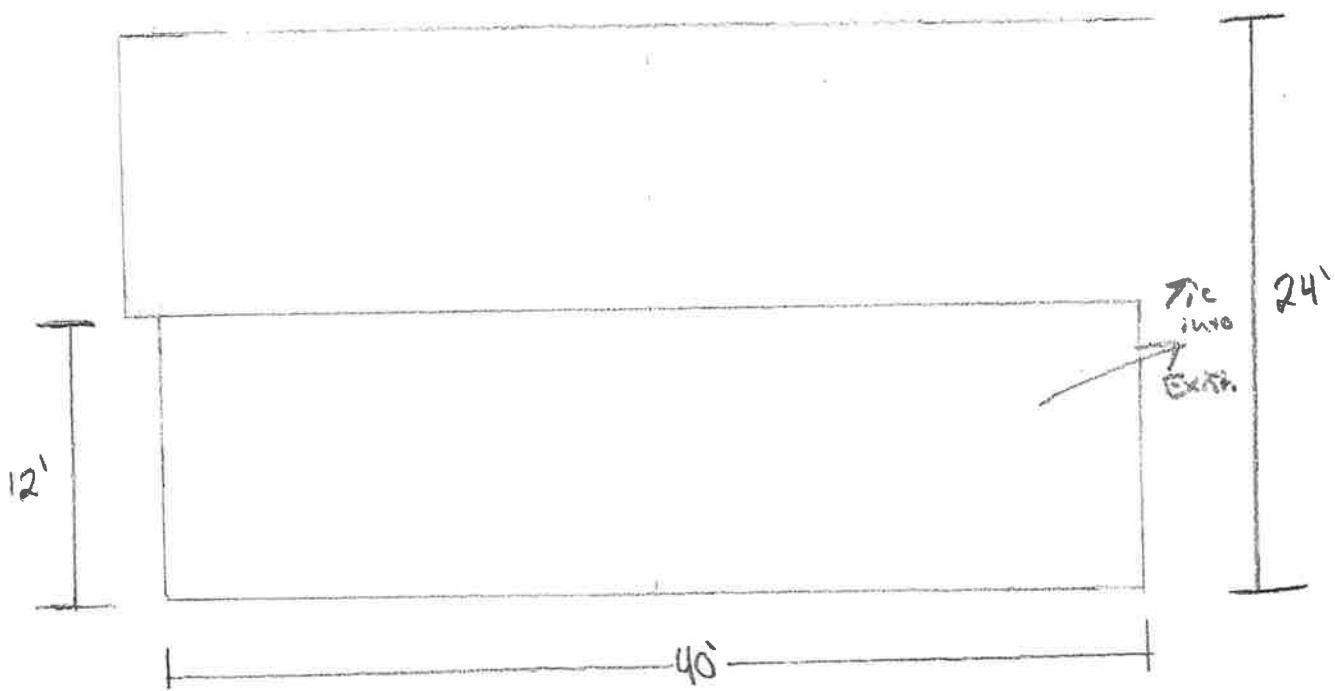
Check the item(s) from which you are requesting a variance and fill in the proposed dimensions.

<input type="checkbox"/> Property Width	Proposed Property Width _____
<input type="checkbox"/> Property Area	Proposed Property Area _____
<input type="checkbox"/> (2) Standard Septic Sites	
<input type="checkbox"/> Legal Access	

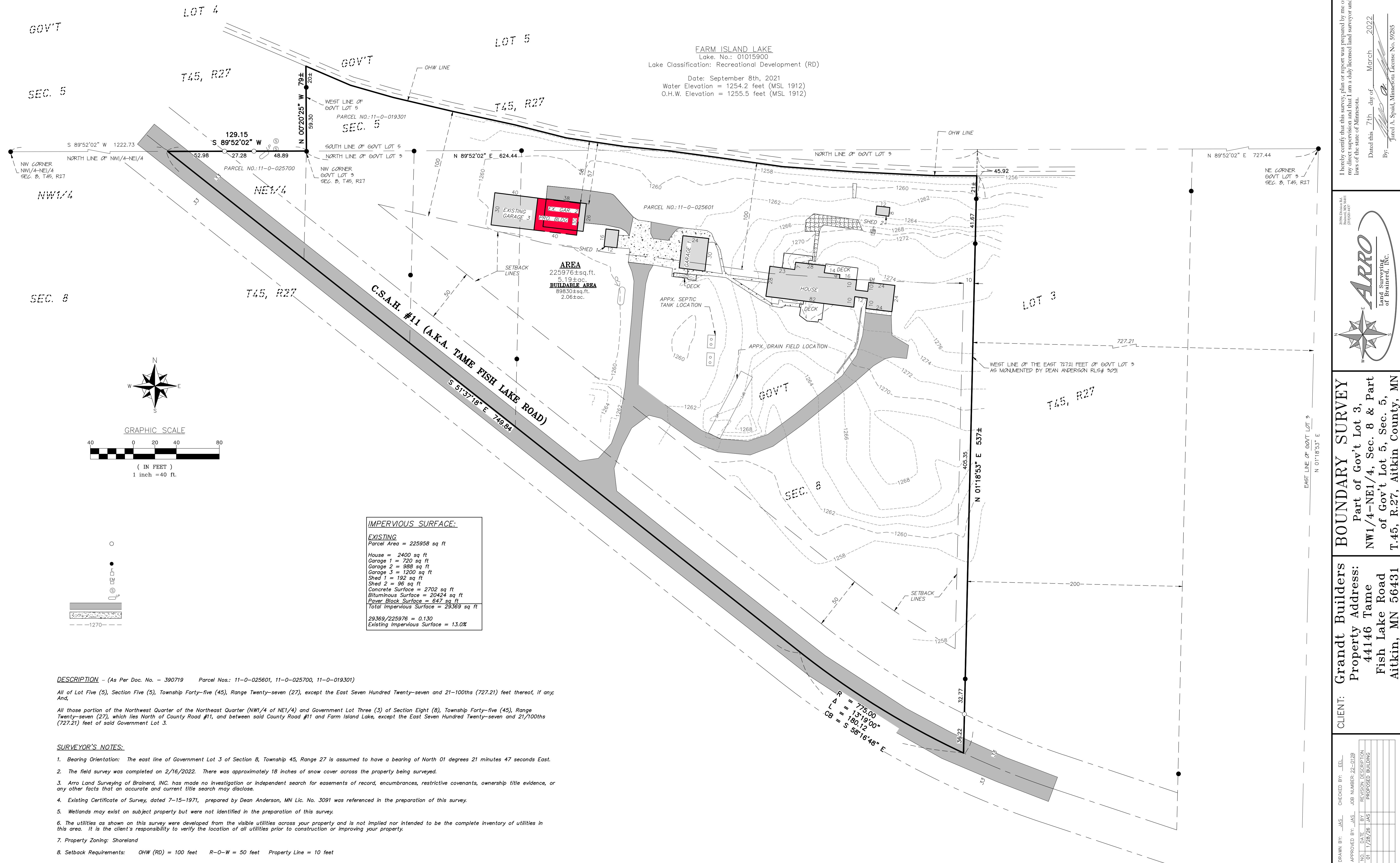


CERTIFICATE OF SURVEY





CERTIFICATE OF SURVEY



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: _____
- 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: 58 _____
- 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: 27 _____

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		
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) 27 + Mitigation Totals (Lines A-I) 45 = 122

*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.
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.

NA 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.

NA 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.

NA 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 44146 Tame Fish Lake Rd. Aitkin, Mn 56431

Builder Granalt Builders Owner John Meehan

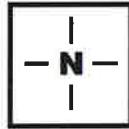
Worksheet Completed By Shane Donovan Date 1/28/26

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

SITE DIAGRAM

Scale 1 inch = _____ feet

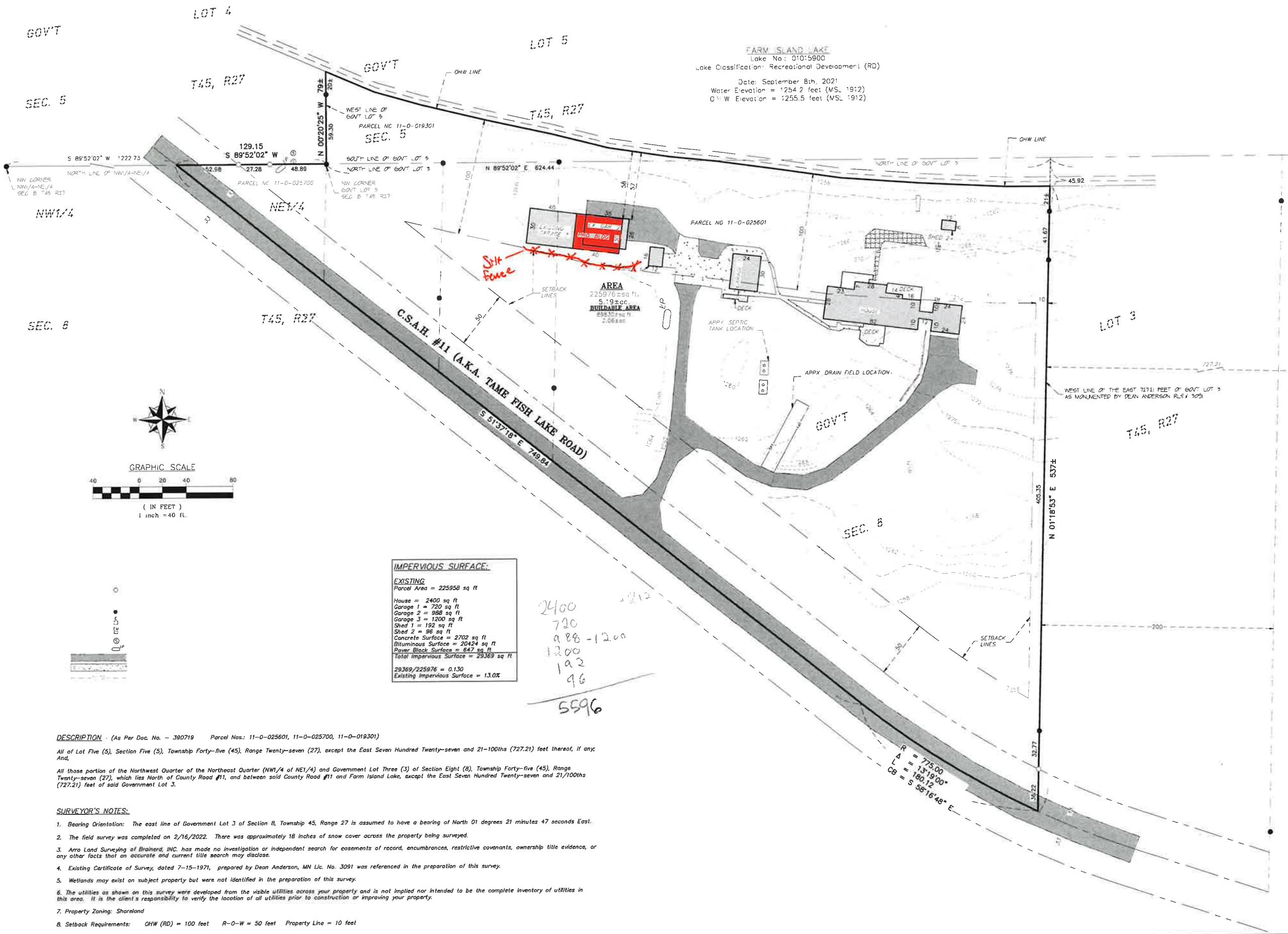
Please indicate north by completing the arrow.



EROSION CONTROL PLAN LEGEND

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

CERTIFICATE OF SURVEY



DRAWN BY <u>JAS</u>	CHEKED BY <u>JAS</u>	APPROVED BY <u>JAS</u>	JOH NUMBER <u>22-9128</u>	IN WORKS OF SURVEY
100	100	100	100	100
90	90	90	90	90
80	80	80	80	80
70	70	70	70	70
60	60	60	60	60
50	50	50	50	50
40	40	40	40	40
30	30	30	30	30
20	20	20	20	20
10	10	10	10	10
0	0	0	0	0

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.

Dated this 11 day of March 2022

By Jared A. Spaul Minnesota License No. 30265

Arro Land Surveying of Brainerd, INC.

(Top 3 inches reserved for recording data)

WARRANTY DEED
Individual(s) to Individual(s)

Minnesota Uniform Conveyancing Blanks
Form 10.1.1 (2011)

DEED TAX DUE: \$ 1.65

DATE: 12/19/2023
(month/day/year)

FOR VALUABLE CONSIDERATION, of less than \$500.00, John C. Meehan and Claudia C. Meehan, husband and
(insert name and marital status of each Grantor)
wife _____ ("Grantor"),
hereby conveys and warrants to John C. Meehan and Claudia C. Meehan, as Trustees of the John C. Meehan Revocable Trust
(insert name of each Grantee)

in Aitkin County, Minnesota, legally described as follows:

→ Legal Description Attached: 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:

None

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: [REDACTED])
- 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.

Grant

John McLean

(Signature) John C. Meehan
Claudia C. Meehan
(Signature) Claudia C. Meehan

EXHIBIT "A"
LEGAL DESCRIPTION

→ ALL OF LOT 5, SECTION 5, TOWNSHIP 45, RANGE 27, EXCEPT THE EAST 727.21 FEET THEREOF; AND ALL
→ THOSE PORTIONS OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER AND GOVERNMENT LOT 3,
SECTION 8, TOWNSHIP 45, RANGE 27, WHICH LIES NORTH OF COUNTY ROAD NO. 11, AND BETWEEN SAID
COUNTY ROAD NO. 11 AND FARM ISLAND LAKE, EXCEPT THE EAST 727.21 FEET OF SAID GOVERNMENT LOT
3, ALL IN AITKIN COUNTY, MINNESOTA.

CRV Not Required
No Delinquent Taxes and Transfer Entered
Kirk Peysar, County Auditor
State Deed Tax Paid
Lori Grams, County Treasurer

Doc No: A480068

WAD 1/1

Certified Filed and/or Recorded on
12/20/2023 8:31 AM

REC FEE \$46.00
SDT \$1.65

Office of the County Recorder
Aitkin County, Minnesota
Tara Snyder, County Recorder

Package: 85197 Mick

COPY

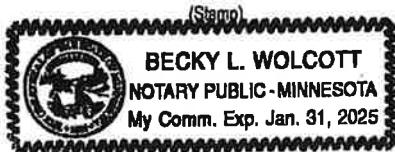
This cover sheet was added by the Aitkin County Recorder's Office to allow space for the recording information of this document. It is not intended to alter the document/certified copy.

This cover sheet is now a permanent part of the recorded document.

State of Minnesota, County of Altn

This instrument was acknowledged before me on 12/19/23, by John C. Meehan and Claudia C. Meehan,
husband and wife

(insert name and marital status of each Grantor)



Becky L. Wolcott
(Signature of Notarial Officer)
Title (and Rank): Notary
My commission expires: 1-31-2025
(month/day/year)

THIS INSTRUMENT WAS DRAFTED BY:

(Insert name and address)

Robert M. Hartnett
Hartnett Law Office
5775 Wayzata Boulevard, STE 700
Saint Louis Park, MN 55416
License #: 328169

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

(Insert legal name and residential or business address of Grantee)

John C. Meehan and Claudia C. Meehan, Trustees
John C. Meehan Revocable Trust
44146 Tame Fish Lake Road
Altn, MN 56431

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
	29-0-013011	50485 214th Pl MCGREGOR, MN 55760	SHAMROCK TWP	BOCK, KEVIN & CARMEN	BOCK, KEVIN & CARMEN	.30 AC LOT 4 IN DOC 229871		S:7 T:49 R:23	GD	BIG SANDY LAKE
Driving directions to the proposed project from Aitkin:	Head East on 210 until you reach McGregor. Then go north on 65 until you reach Long Point PL. Turn right onto Long point until you reach 214th PL and it will be the 3rd house in 50485.									
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):	<p>We are requesting approval for a variance to allow the conversion of an existing 360-square-foot deck into a screened porch. The deck is currently located approximately 57 feet from the Ordinary High Water (OHW) line and is considered a nonconforming structure due to current setback requirements.</p> <p>The proposed project does not expand the footprint of the existing structure, nor does it move the structure closer to the OHW. The work will be limited strictly to enclosing the existing deck area with screening, increasing structural strength with concrete footings, and adding roof structure. No additional square footage is being added.</p> <p>Importantly, this project will not increase the property's total impervious surface coverage. In fact, as part of our overall site improvements, we will be reducing the impervious surface to approximately 25%, bringing the property into compliance with county standards.</p> <p>The intent of the screened porch is to improve the usability, safety, and longevity of the existing structure while minimizing environmental impact. Screening the deck will help reduce debris entering the lake, limit erosion caused by foot traffic, and better manage rainwater runoff compared to the current open-deck design.</p>
Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:	6.3 Additions/Expansions to Nonconforming Structures
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	No

Supplemental Data

Attach completed form here:	<div style="border: 2px dashed #ccc; padding: 5px; text-align: center;">File 1:  Supp._data.pdf</div>
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A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<p>Location and dimensions for all lot lines.</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>If topography is unusual, show elevations and location of bluffs, steep slopes, wetlands, etc.</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>
Attach a Scaled Drawing or Survey:	<div style="border: 2px dashed #ccc; padding: 5px; text-align: center;">File 1:  24073 KEVIN_BOCK-COS_11x17_P.pdf File 2:  red_line_drawings-survey.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: 2px dashed #ccc; padding: 5px; text-align: center;">File 1:  24073 KEVIN_BOCK-COS_11x17_P.pdf File 2:  red_line_drawings-survey.pdf</div>
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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: [!\[\]\(8f30a263b2d494e2dff9aff9cc1abbf2_img.jpg\) 2024_septic_compliance.pdf](#)

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [!\[\]\(5fc8d2a6599355e04b49efe83b24f838_img.jpg\) Shoreline_performance.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [!\[\]\(7faa4faecebe576bc35947fdc1d54a19_img.jpg\) erosion_control_plan_checklist.pdf](#)

Property Deed

Attach the property deed:

File 1: [!\[\]\(d9c66830168ba5f5410293c0e2864204_img.jpg\) property_deed.pdf](#)

Other

Attach "Other" information (if necessary):

File 1: [!\[\]\(0d9cbb52f54e3c7e07ce7cd4db5a5005_img.jpg\) Red_Line_survey.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 #68841 (02/06/2026) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 02/06/2026 8:17 AM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 02/06/2026 8:17 AM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			\$696.00
Payment 02/06/2026			\$696.00
Due			\$0.00

[Results \(Go to top\)](#)

Signature accepted

Failed to send **Variance Ready for Action** notification to:

Approvals

Approval	Signature
Applicant	Shane Donovan - 02/06/2026 11:09 AM 83a3f7c08a45a78d3e9c27975d1d6f9e 590b3412da8650ba9e3209c321273339
#1 Administrative Review	Kim Burton - 02/06/2026 11:50 AM 270117a79cf65648546f2f96217354ed 4afe57288893d516e56085732ff67f07
#2 Board of Adjustment Approval	

Public Notes

Text:	<div style="border: 1px solid black; height: 400px; width: 100%;"></div>
File(s):	<div style="border: 1px dashed black; height: 40px; width: 100%;"></div>

Admin Checklist

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

Numbers

	Current Number	Next from Sequence
UID #	219942	<i>not applicable</i>
App. #	2026-000027	<input type="button" value="««"/> 2026-000028
Permit #		<input type="button" value="««"/> 2026-0018

[Print View](#)



**AITKIN COUNTY ENVIRONMENTAL SERVICES
PLANNING & ZONING**

Aitkin County Government Center
307 2nd Street NW, Room 219
Aitkin, MN 56431

aitkinpz@aitkincountymn.gov
Phone: 218-927-7342
Fax: 218-927-4372

AUTHORIZED AGENT FORM

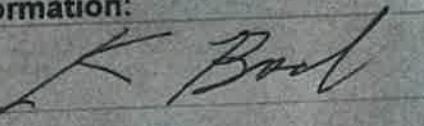
I hereby authorize the agent named below to act as my authorized agent for all public hearing applications and land use permits on property located at:

Parcel Numbers(s):	29-0-013011
E911 Address of Property:	50485 214th PI MCGREGOR MN 55760

Authorized Agent Information:

Agent name:	Dale Grandt
-------------	-------------

Property Owner Information:

Property Owner Signature:	
------------------------------	---

Date:

2/0/26

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) _____

<input type="checkbox"/> Ordinary High Water Level (OHWL)	Proposed Setback _____ 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
 2nd Story Level

Existing Structure Height 12 ft.

Existing # of Bedrooms 2

Existing Building Coverage 13.9 %

Existing Total Impervious Surface Coverage 27.3 %

Proposed Addition(s)

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

Proposed Addition(s) Height 18 ft.

Final # of bedrooms after remodel 2

Proposed Building Coverage 13.9 %

Proposed Total Impervious Surface Coverage 25 %

"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):

Proposing to turn 3600 sq ft of Deck into a Screen porch.

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 Screen Porch

<input checked="" type="checkbox"/> Ordinary High Water Level (OHWL)	Existing Setback <u>57</u> ft.	Proposed Setback <u>57</u> ft.
<input type="checkbox"/> Property Line	Existing Setback _____ ft.	Proposed Setback _____ ft.
<input type="checkbox"/> Road Right-of way <u> </u> Twp <u> </u> Co. <u> </u> State	Existing Setback _____ ft.	Proposed Setback _____ ft.
<input type="checkbox"/> Bluff	Existing Setback _____ ft.	Proposed Setback _____ ft.
<input type="checkbox"/> 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.

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

<input type="checkbox"/> More than 10 cubic yards on steep slopes and shore and bluff impact zones.	Total Cubic Yds. _____
<input type="checkbox"/> 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.

<input type="checkbox"/> Property Width	Proposed Property Width _____
<input type="checkbox"/> Property Area	Proposed Property Area _____
<input type="checkbox"/> (2) Standard Septic Sites	
<input type="checkbox"/> Legal Access	

CERTIFICATE OF SURVEY

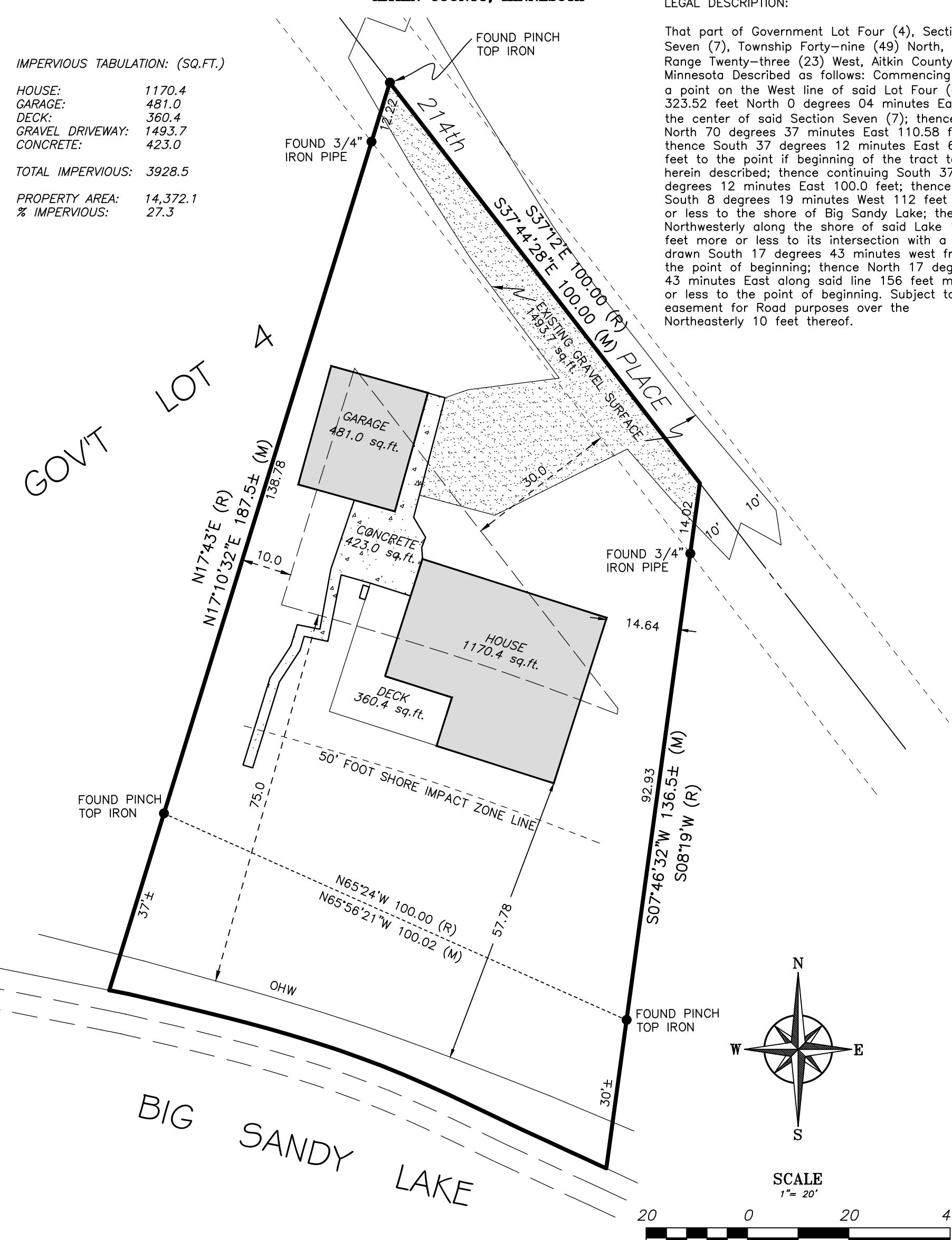
SECTION 7, TOWNSHIP 49 NORTH, RANGE 23 WEST
AITKIN COUNTY, MINNESOTA

LEGAL DESCRIPTION:

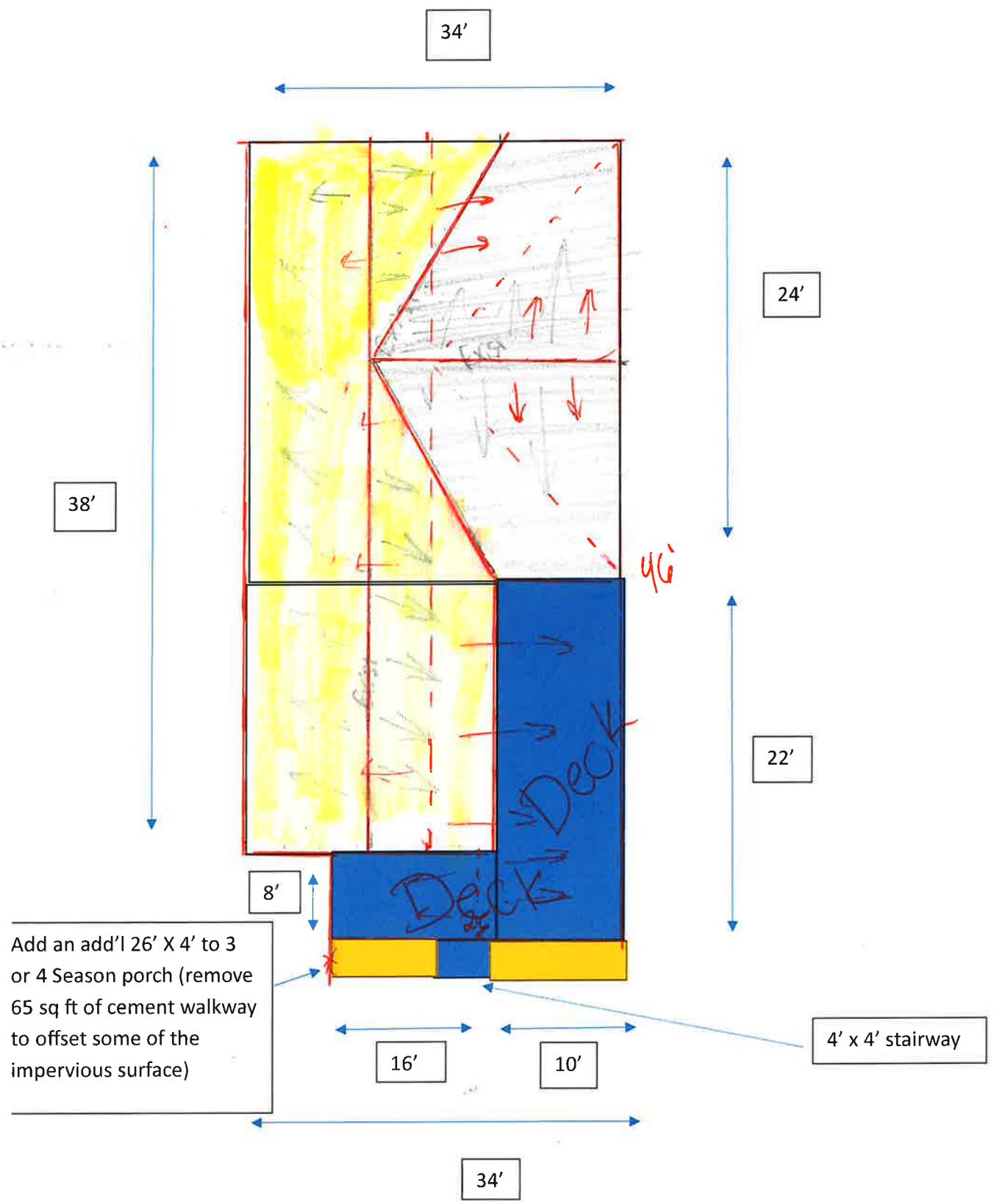
That part of Government Lot Four (4), Section Seven (7), Township Forty-nine (49) North, Range Twenty-three (23) West, Aitkin County, Minnesota Described as follows: Commencing at a point on the West line of said Lot Four (4), 323.52 feet North 0 degrees 04 minutes East of the center of said Section Seven (7); thence North 70 degrees 37 minutes East 110.58 feet, thence South 37 degrees 12 minutes East 60.00 feet to the point of beginning of the tract to be herein described; thence continuing South 37 degrees 12 minutes East 100.0 feet; thence South 8 degrees 19 minutes West 112 feet more or less to the shore of Big Sandy Lake; thence Northwesterly along the shore of said Lake 100 feet more or less to its intersection with a line drawn South 17 degrees 43 minutes west from the point of beginning; thence North 17 degrees 43 minutes East along said line 156 feet more or less to the point of beginning. Subject to an easement for Road purposes over the Northeasterly 10 feet thereof.

IMPERVIOUS TABULATION: (SQ.FT.)

HOUSE:	1170.4
GARAGE:	481.0
DECK:	360.4
GRAVEL DRIVEWAY:	1493.7
CONCRETE:	423.0
TOTAL IMPERVIOUS:	3928.5
PROPERTY AREA:	14,372.1
% IMPERVIOUS:	27.3



Existing Roof lines

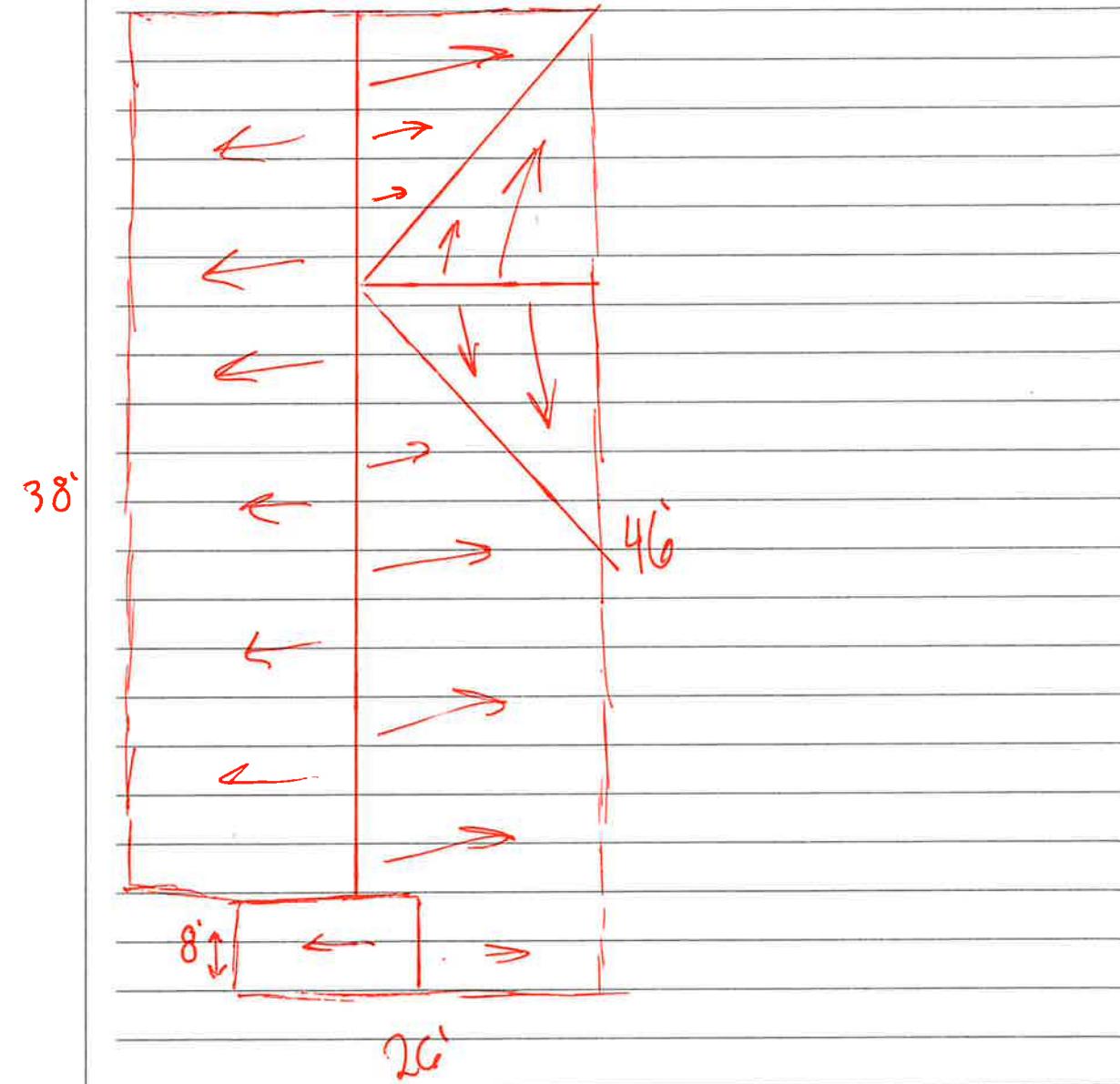


CUE COLUMN

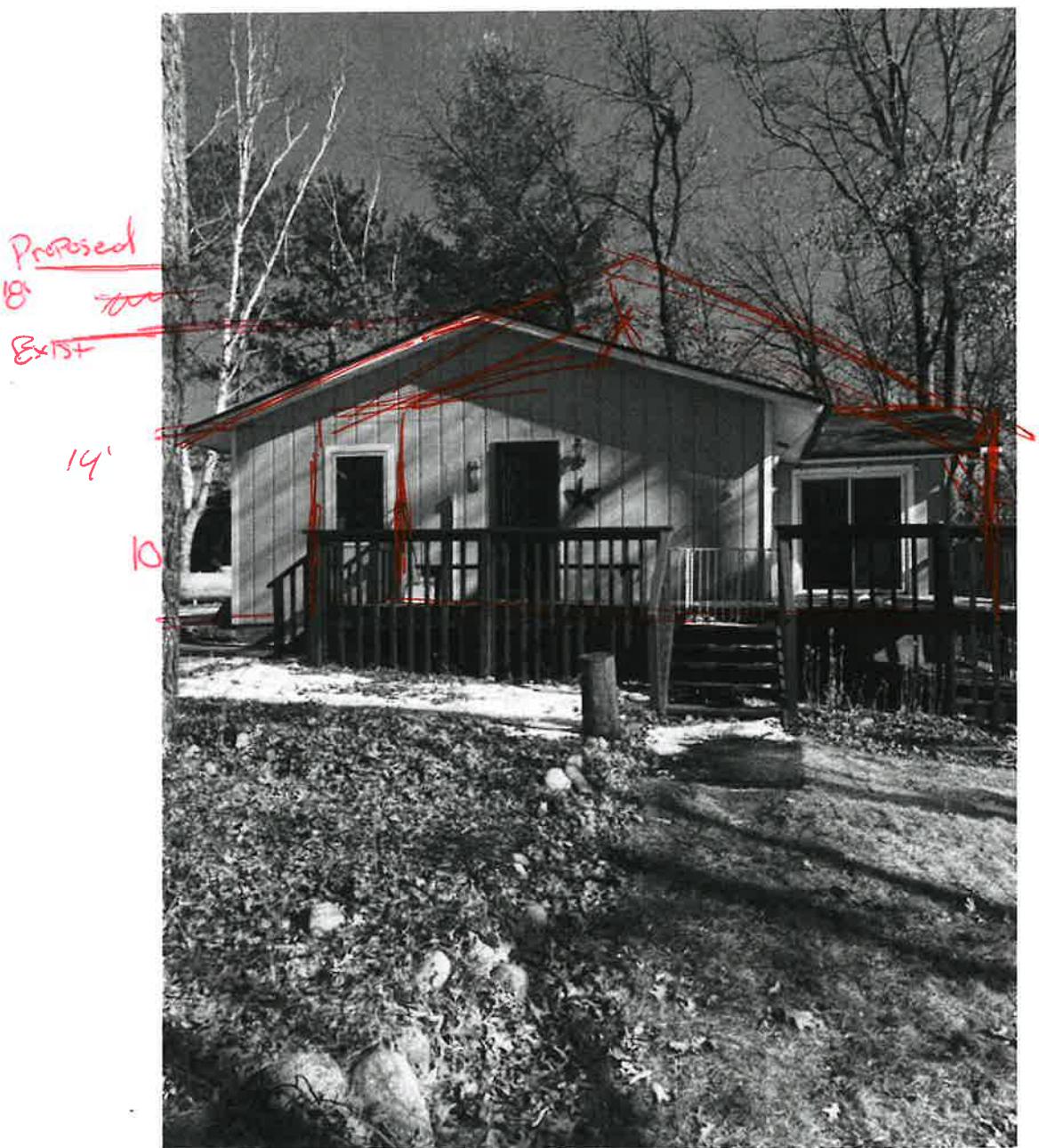
NOTES

5 Proposed Roof lines

34



SUMMARY



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

Attached supporting documentation:

Other: _____

Not applicable

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

Describe verification methods and results:

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.

Attached supporting documentation:

Pumped at time of inspection

Name of maintenance business: Kangas

License number of maintenance business: 2526

Date of maintenance: _____

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: _____

Describe verification methods and results:

Viewed tank with camera.

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:

- Have the operating permit requirements been met? Yes No
- 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)

5. Soil separation – Compliance component #5 of 5

Date of installation 10/27/2003 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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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 (Advanced Inspector License required)	<input type="checkbox"/> Yes <input type="checkbox"/> No*
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	

Attached supporting documentation:

- Soil observation logs completed for the report (Attach)
- Two previous verifications of required vertical separation (Attach)
- 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.

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

Describe verification methods and results:

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.



AITKIN COUNTY ENVIRONMENTAL SERVICES PLANNING & ZONING

Aitkin County Government Center
307 2nd Street NW, Room 219
Aitkin, MN 56431

aitkinpz@aitkincountymn.gov
Phone: 218-927-7342
Fax: 218-927-4372

"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
(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: Gen Dev Lake
- 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: 57.78
- 4) Enter the corresponding 'Score Multiplier' 4: 1.33
- 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	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		
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	3.33	10.000
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** X
- 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**

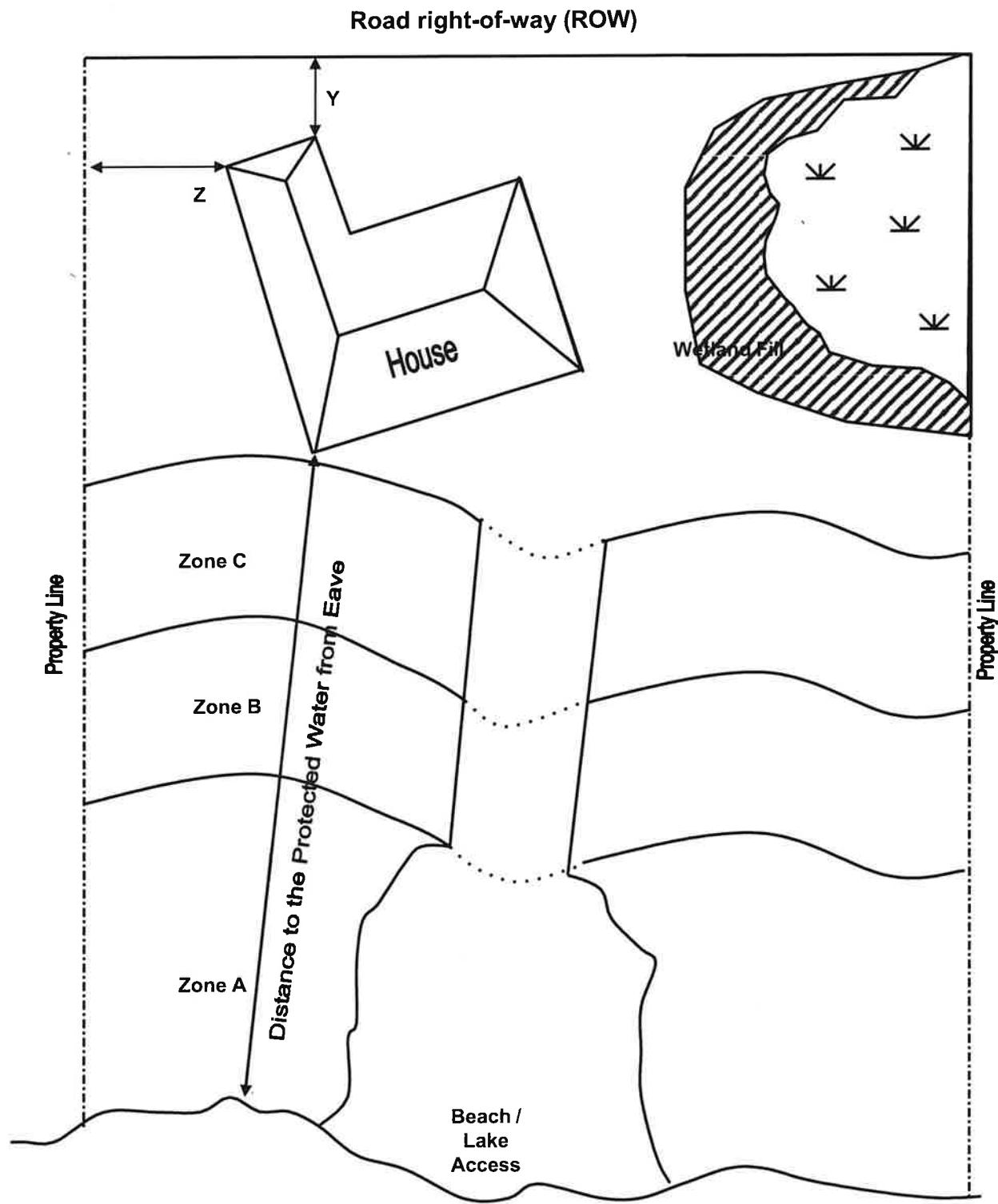
Final Score = Pre-mitigation Lot Score (Line 5) 77 + Mitigation Totals (Lines A-I) 20 = 97

*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

AITKIN COUNTY SHORELAND PERFORMANCE
(Example)



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: _____

- 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 50485 214th PI McGregor, MN 55760

Builder Grandt Builders Owner Kevin & Carmen Bock

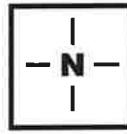
Worksheet Completed By Shane Donovan Date 2/5/26

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
- VEGETATION SPECIFICATION
- TREE PRESERVATION
- STOCKPILED SOIL

383746 FILED SEP 19 '07 AT 9 AM Diane M. Lafferty, County Recorder

NO DELINQUENT TAXES
AND TRANSFER ENTERED

THUR 19 Day Sept 2007

Kirk Peysor
County Auditor

Elizabeth Harmon
Deputy

CERTIFICATE OF REAL PROPERTY
VALUE (FILED () NOT
PROVIDED CERTIFICATE OF REAL
PROPERTY VALUE NO. 37579

WARRANTY DEED
Individual(s) to Joint Tenants

DEED TAX DUE: \$ 1,072.50

Date: September 10, 2007

FOR VALUABLE CONSIDERATION, Stephen J. Dvorak and Susan L. Dvorak, husband and wife

Grantor, hereby conveys and warrants to Kevin J. Bock and Carmen L. Bock

Grantees, as joint tenants, real property in Aitkin County, Minnesota, described as follows:

→ See attached "Exhibit A" for legal description.

together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions:
reservations, restrictions and easements of record, if any.

Check box if applicable:

The Seller certifies that the seller does not know of any wells on the described real property.
 A well disclosure certificate accompanies this document.
 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.

Affix Deed Tax Stamp Here

Stephen J. Dvorak

Stephen J. Dvorak

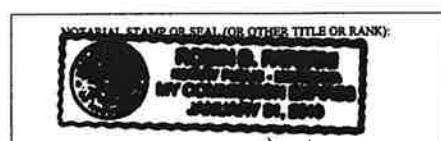
Susan L. Dvorak

Susan L. Dvorak

STATE OF MINNESOTA
COUNTY OF Dakota } ss.

This instrument was acknowledged before me on September 10, 2007

by Stephen J. Dvorak and Susan L. Dvorak, husband and wife



THIS INSTRUMENT WAS DRAFTED BY (NAME AND ADDRESS):

Aitkin County Abstract Company
112 3rd St. N.W.
Aitkin, MN 56431

Robert D. Paterni
SIGNATURE OF NOTARY PUBLIC OR OTHER OFFICIAL

Check here if part or all of the land is Registered (Torrens)

Tax Statements for the real property described in this instrument should be sent to:

Kevin J. Bock
Carmen L. Bock
858 Bald Lake Ct.
Eagan, MN 55123

AITKIN COUNTY DEED TAX
No 99 Date 9/19/07
1072.50 Dollars Paid
Dale G. Lafferty
County Treasurer
By Dale G. Lafferty Deputy

EXHIBIT A

→ That part of Government Lot Four (4), Section Seven (7), Township Forty-nine (49), Range Twenty-three (23), described as follows:

Commencing at a point on the West line of said Lot 4, 323.52 feet, North 0 degrees 04 minutes East of the center of said Section 7; thence North 70 degrees 37 minutes East 110.58 feet; thence South 37 degrees 12 minutes East 60.00 feet to the point of beginning of the tract to be herein described; thence continuing South 37 degrees 12 minutes East 100.0 feet; thence South 8 degrees 19 minutes West 112 feet, more or less, to the shore of Big Sandy Lake; thence Northwesterly along the shore of said Lake 100 feet, more or less to its intersection with a line drawn South 17 degrees 43 minutes West from the point of beginning; thence North 17 degrees 43 minutes East along said line 156 feet, more or less, to the point of beginning.
Subject to an easement for road purposes over the Northeasterly 10 feet thereof.

→ Together with non-exclusive easement for a road 20 feet in width across Government lots 4 and 6, Section 7, Township 49, Range 23, the centerline of said road being described as follows: Beginning at a point on the West line of said Lot 4, 323.52 feet North 0 degrees 04 minutes East of the center of said Section 7; thence North 70 degrees 37 minutes East 110.58 feet; thence South 37 degrees 12 minutes East 239.5 feet; thence South 41 degrees 09 minutes East, 195.45 feet to a point in the South line of said Lot 4 378.88 feet North 86 degrees 37 minutes East from the center of said Section 7; thence South 51 degrees 14 minutes East 137.8 feet; thence South 12 degrees 19 minutes East 409.4 feet; thence South 50 degrees 34 minutes East 155.85 feet; thence South 8 degrees 06 minutes West 478.85 feet; thence South 29 degrees 47 minutes West 195.0 feet (and 10 feet on width from this joint on) thence North 57 degrees 33 minutes West 120.00 feet; thence South 57 degrees 33 minutes East 120.0 feet along the afore described line; thence South 42 degrees 43 minutes East 100.0 feet; thence South 55 degrees 23 minutes East 20.0 feet there terminating.

Aitkin County, Minnesota
(Abstract)

Standard Title
P.O. Box 309
Montgomery, MN
55760

RECORDED
TRACT INDEX 2
GRANTOR
GRANTEE
COMPARED

2/24/09
Q-19-9
1
①

OFFICE OF COUNTY RECORDER
AITKIN COUNTY, MINNESOTA
<input type="checkbox"/> WELL CERTIFICATE RECEIVED
<input type="checkbox"/> WELL CERTIFICATE NOT REQUIRED

COUNTY RECORDER
AITKIN COUNTY, MINNESOTA
FILED

SEP 19 2007 AM

Brian J. Schmitz
As Dir. Not.

383746

**CERTIFICATE OF SURVEY
SECTION 7, TOWNSHIP 49 NORTH, RANGE 23 WEST**

SECTION 7, TOWNSHIP 49 NORTH, RANGE 23 WEST
ATKIN COUNTY, MINNESOTA

LEGAL DESCRIPTION:

That part of Government Lot Four (4), Section Seven (7), Township Forty-nine (49) North, Range Twenty-three (23) West, Aitkin County, at Minnesota Described as follows: Commencing at a point on the West line of said Lot Four (4), 323.52 feet North 0 degrees 04 minutes East of the center of said Section Seven (7); thence North 70 degrees 37 minutes East 110.58 feet, thence South 37 degrees 12 minutes East 110.58 feet, to the point if beginning of the tract to be herein described; thence continuing South 37 degrees 12 minutes East 100.00 feet; thence South 8 degrees 19 minutes West 112 feet more or less to the shore of Big Sandy Lake; thence Northwesternly along the shore of said Lake 100 feet more or less to its intersection with a line drawn South 17 degrees 43 minutes west from the point of beginning; thence North 17 degrees 43 minutes East along said line 156 feet more or less to the point of beginning. Subject to an easement for Road purposes over the

IMPERVIOUS TABULATION: (SQ.FT.)	
HOUSE:	1170.4
GARAGE:	481.0
DECK:	360.4
GRAVEL DRIVEWAY:	1493.7
CONCRETE:	423.0
TOTAL IMPERVIOUS:	3928.5
PROPERTY AREA:	14,372.1
OF IMPERVIOUS:	27.3 %

27.
to non-ENVIDOS.
House 2012 SF
Decie 13.99 %

Gravel 19/3 SF
Concrete 19.39%

100

BEARINGS ARE BASED ON NAD83(96)
AITKIN COUNTY COORDINATE SYSTEM

BY CERTIFY THAT THIS SURVEY, PLAN OR REPORT WAS PREPARED BY
ME UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED

LAND SURVEYOR UNDER THE LAWS OF

50 m/s, 114 m/s, 114 m/s, NW, 55700

29-0-013011

KEVIN BOCK GOVLOT 4	SEC 7-T49N-R23W AITKIN COUNTY, MN	JOB# FILE# REV#
------------------------	--------------------------------------	-----------------------

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:

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	
	29-1-204000	18694 483rd St MCGREGOR, MN 55760	SHAMROCK TWP	WARWICK, DAVID & PATRICIA TRUSTEES	WARWICK, DAVID & PATRICIA TRUSTEES	LOT 13	SHESHEBE POINT 2ND ADDITION	S:22 T:49 R:23	GD	MINNEWAWA LAKE	
	29-1-204100		SHAMROCK TWP	WARWICK, DAVID & PATRICIA TRUSTEES	WARWICK, DAVID & PATRICIA TRUSTEES	LOT 14	SHESHEBE POINT 2ND ADDITION	S:22 T:49 R:23	GD	MINNEWAWA LAKE	
	take 169 north out of Aitkin to St Hwy 210 Take St Hwy 210 east to St Hwy 65 in McGregor take St Hwy 65 North to Aitkin Co Rd 6 (also known as Goshawk Rd) Go east on Aitkin Co 6 to 188th Ave (~1 block past Banns Resteraunt) Tunn left on 188th Ave and follow it to 483rd St. Turn Right on 483rd and follow it around the edge of the lake to 18694 (Blue Garage with light tan door)										
	Is the above parcel located in the Shoreland Zoning District?										
	Yes										

Detailed Narrative

Enter a Detailed Narrative (If you have a prepared narrative please state "See attached" and attach the document below):	Rebuild the cabin on the lot to include a full basement. Cabin foot print to be moved away from the lake by 2 ft to allow for wider roof eves and to mitigate the risk of damaging or requiring the removal of old growth trees. The cabin is currently built upon a cement and stone wall that extends from 6-10 inches into the ground and has no footing. As a result, over the years it has begun to deteriorate and has significant cracks developing in many places. More detail about the proposed project is provided in the supplemental data section.
Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:	non-conforming structure that is 36 ft from the lake OHWL
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	<u>No</u>

Supplemental Data

Attach completed form here:	<div style="border: 1px dashed #ccc; padding: 5px;">File 1:  Impervious_Land_Coverage_Comparison-r1.pdf File 2:  Part_1_-_Supp_Data_To_Variance_App_-_Warwick_r1.pdf</div>
-----------------------------	--

A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<p>Location and dimensions for all lot lines.</p> <p>Location and dimensions of all existing and proposed structures/additions.</p> <p>Location and depth of all existing and proposed wells within 100 feet of the property.</p> <p>Location and dimensions of all existing and proposed septic system components (septic tank, septic drainfield).</p> <p>Location and dimensions of all existing and proposed driveways, road right-of-ways, and easements.</p> <p>If topography is unusual, show elevations and location of bluffs, steep slopes, wetlands, etc.</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:  Septic_System_Location.pdf</p> <p>File 2:  Survey_Detail-r2.pdf</p> <p>File 3:  Survey_-_D.Warwick.jpg</p> <p>File 4:  Topography.pdf</p>

Side Profile Sketch of the Structure

Attach a side profile sketch of your proposed structure or addition here (if applicable):	<p>File 1:  Warwick_11_16_2025_Cabin_Plans.pdf</p>
---	---

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.	<p>File 1:  Septic_System_Inspection_Compliance_Form.pdf</p>
---	---

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [!\[\]\(d218bb586034e9134486617f7b18394b_img.jpg\) Shoreline_Performance_Worksheet.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [!\[\]\(d2fcc32ea62fb71bb9f71b3d3ca5d832_img.jpg\) Erosion_Control_Plan.pdf](#)

Property Deed

Attach the property deed:

File 1: [!\[\]\(032a0cbf3f51e16ee0b64ffc64033e0f_img.jpg\) Copies_of_Minnewawa_Property_Deeds.pdf](#)

Other

Attach "Other" information (if necessary):

File 1: [!\[\]\(370a4d28e4a7e139a9f80852148ef57a_img.jpg\) Configuration_of_Existing_Cabin.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 #68311 (01/15/2026) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 01/15/2026 4:59 PM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 01/15/2026 4:59 PM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			
			Total \$696.00
			Payment 01/16/2026 \$696.00
			Due \$0.00

[Results](#) ([Go to top](#))

Signature accepted

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

Approvals

Approval	Signature

Applicant	David S. Warwick - 02/06/2026 1:51 PM 27732ccaa920ef3e81376f716d3d1863 e03d38b1ec6d0f45cfa9dcc7750f84f1
#1 Administrative Review	Kim Burton - 02/06/2026 1:54 PM 3651a40ce81e9ee2d03dc0218635851c 6c69e18cbeb259025a1fb60a86c01324
#2 Board of Adjustment Approval	

Public Notes

Text:	Will need updated CI prior to building permit issuance App will need to include both parcels, which will change impervious/building coverages. Property line setback?
File(s):	[-----]

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?	<input type="button" value="Yes ▾"/>
Is this an after-the-fact application?	<input type="button" value="No ▾"/>

Numbers

	Current Number	Next from Sequence
UID #	219316	<i>not applicable</i>
App. #	2026-000012	<input type="button" value="««"/> 2026-000029
Permit #		<input type="button" value="««"/> 2026-0018

[Print View](#)

Land

Lot 13 square Area	7079 SqFt
Lot 14 square Area	9788 SqFt
	<hr/>
	16867 SqFt

Current Impervious Coverage

Cabin Building	668 SqFt
Garage (on lot 13)	432 SqFt
Wood Shed	60.5 SqFt
Concrete Sidewalk	80 SqFt
Cellar Door (steel)	30 SqFt
Patio (pavers)	33 SqFt
Pavers on path to lake	24 SqFt
	<hr/>
	1327.5 SqFt

Total Building Coverage	6.88%
Percent coverage	7.87%

Proposed Impervious Coverage

% Chg in Building
Footprint
26.4%

Cabin Building	908 SqFt
Garage (on lot 13)	432 SqFt
Wood Shed	60.5 SqFt
Concrete Sidewalk	0 SqFt
Cellar Door (steel)	30 SqFt
Patio (pavers)	0 SqFt
Pavers on path to lake	24 SqFt
	<hr/>
	1454.5 SqFt

Total Building Coverage	8.30%
Percent coverage	8.62%

PART I: SUPPLEMENTAL DATA TO VARIANCE APPLICATION

Aitkin County Environmental Services
307Second St.NW,Room 219, Aitkin,MN56431
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
- Crawlspace
- Walk-out Basement

- One Story Level (with a basement)
- Story-and-a-Half Level
- 2nd Story Level

Proposed # of Bedrooms 4

Proposed Structure Height 18 ft. (current = 14.8 ft)

Existing Total Building Coverage 7.63 %

Proposed Total Building Coverage 8.30 %

Existing Total Impervious Surface Coverage 8.98 %

Proposed Total Impervious Surface Coverage 8.62 %

“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, fish houses, 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): The proposal is to enlarge the building footprint by 26.4 % and create a full basement under the cabin of the same size located 2 ft farther away from the OHWL . The enlargement puts the back (road side) of the cabin approx' 22 ft from the septic system drain field and the north edge of the cabin approx' 12 ft from the septic holding tank. A large percentage of the increase is to provide a stairway from the main floor to the basement level that is inside of the cabin footprint (current access to the lower level is outside). The basement level is to have 3 bedrooms, a room to house utilities and provide a workshop, and a small bathroom. The upper level will have only a single bedroom and an enlarged bathroom (as compared to the bathroom in the current cabin which is only 5 x 5 ft). The kitchen will be larger than the what is in the current building and will be located on the lake side of the cabin instead of the road side. The center room and road side wall will be slightly larger but will be the same layout as the current cabin. The east wall of the current cabin will be used as is in the new structure (refer to the architectural plans for the new cabin and the descriptive drawings of the current cabin for dimensional comparisons; See also page 4 of this document).

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)
 Property Line
 Road Right-of way ___ Twp ___ Co. ___ State
 Bluff
 Other: _____

Proposed Setback ___ 38 ___ ft. (current cabin is 36 ft)
Proposed Setback ___ 6 ___ 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 ___ 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

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, fish houses, 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 Total Cubic Yds. _____
 shore and bluff impact zones. Total Cubic Yds. _____
 Other: _____

Section 5 – Creating Nonconforming Lot(s)

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

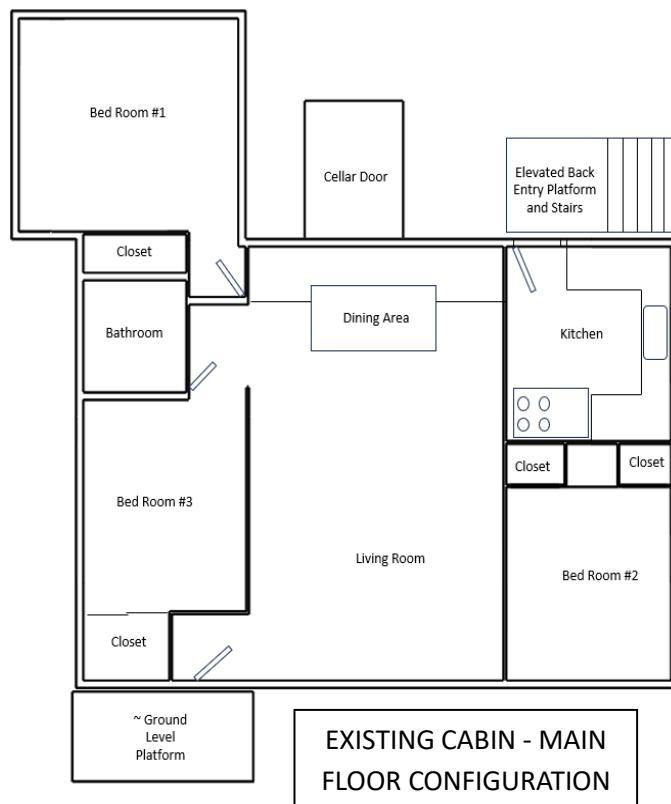
Property Width Proposed Property Width _____
 Property Area Proposed Property Area _____
 (2) Standard Septic Sites _____
 Legal Access _____

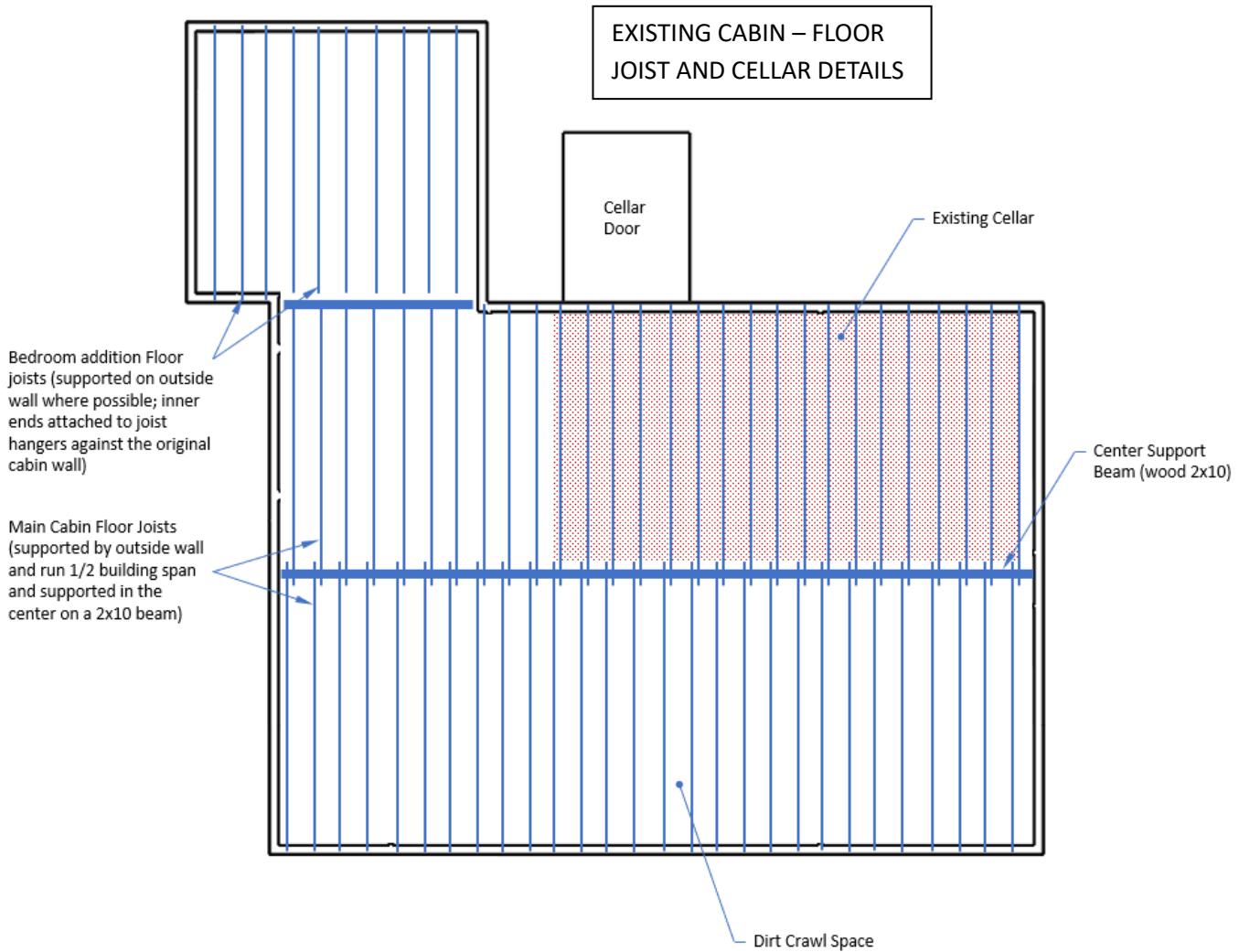
Explanations and Descriptive Diagrams –

Referring to variance #42247V (has been provided for your reference), the original plan was to raise the cabin, dig out beneath it and install a basement, lower the cabin onto the new basement, expanding the north wall to make it even with the addition on the road side, expand the east wall to create an internal stairway to the new basement and create a second story on the modified structure. It is now my desire to carefully take down the current structure to be able to reuse materials and sections of the existing building in the new cabin. The reasoning for this approach are as follows:

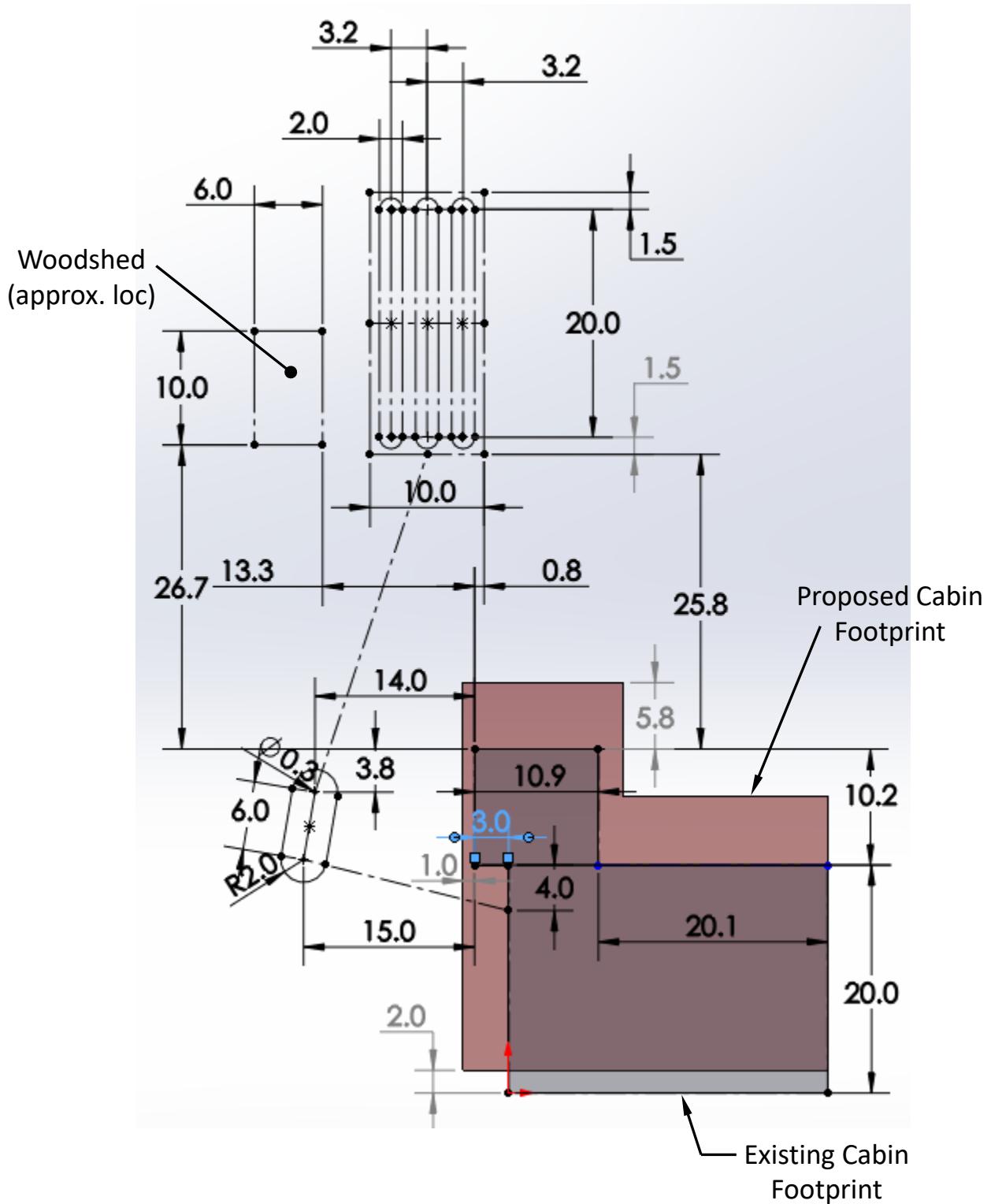
- The idea of adding a 2nd story to the enlarged structure (outlined in approved variance request 42247V) has been eliminated. The 2nd story would provide space that is not needed for the amount of usage that the cabin is expected to have.
- Upon further investigation and consulting with subject matter experts, the plan to lift the current cabin would be dangerous because of how it is constructed (floor joists do not span the full width of the building and the addition on the northeast corner has its own set of floor joists that are completely separate from those in the main cabin structure.) Because of these issues, there is a non-trivial risk that the building may not survive the lifting operation. Even if it does, there will be significant equipment vibration as the basement space is excavated which may damage the building. For the safety of all concerned in this project, I believe that lifting the building is not a good approach
- I want to try to protect old growth trees (~80 - 100 years old) that are close to the current cabin structure. An arborist that I have consulted has advised me of which trees must come down, which trees could be preserved and the techniques that I would need to employ to give those trees the greatest opportunity to thrive after the completion of construction. I can accomplish this by moving the footprint of the cabin 2 ft farther from the lake and still stay in compliance with the 20 ft minimum distance to the septic drain field.

With the above considerations, I am proposing that the current structure be taken down in an orderly fashion in order to construct the basement 2 ft farther from the lake (improving the survival of close proximity trees) and reconstruct the cabin on the newly completed basement, reusing materials from the original structure where possible, in accordance with the architectural plans provided with this variance request.



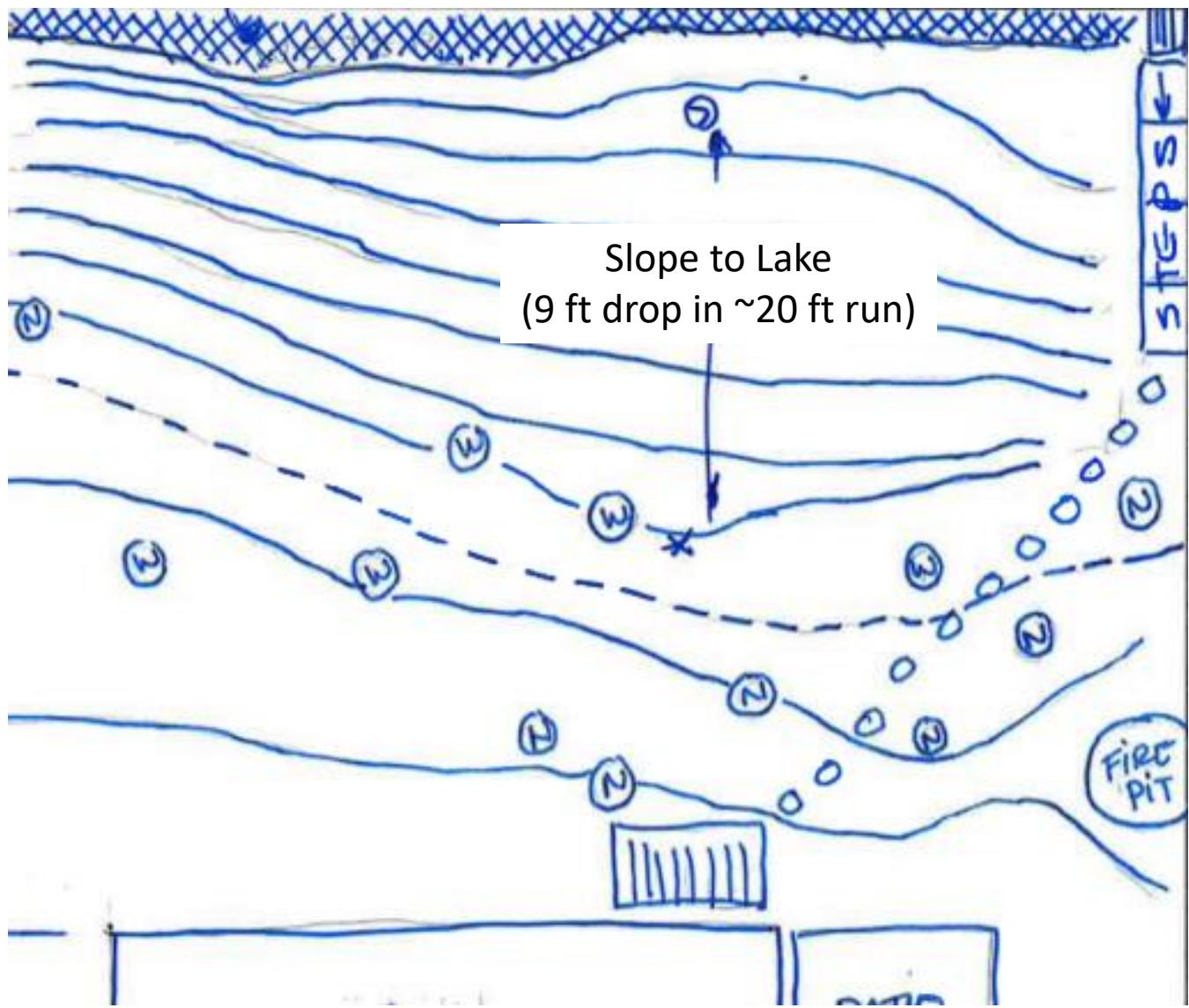


Septic System Location Details





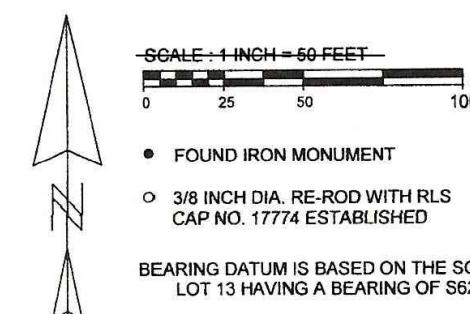
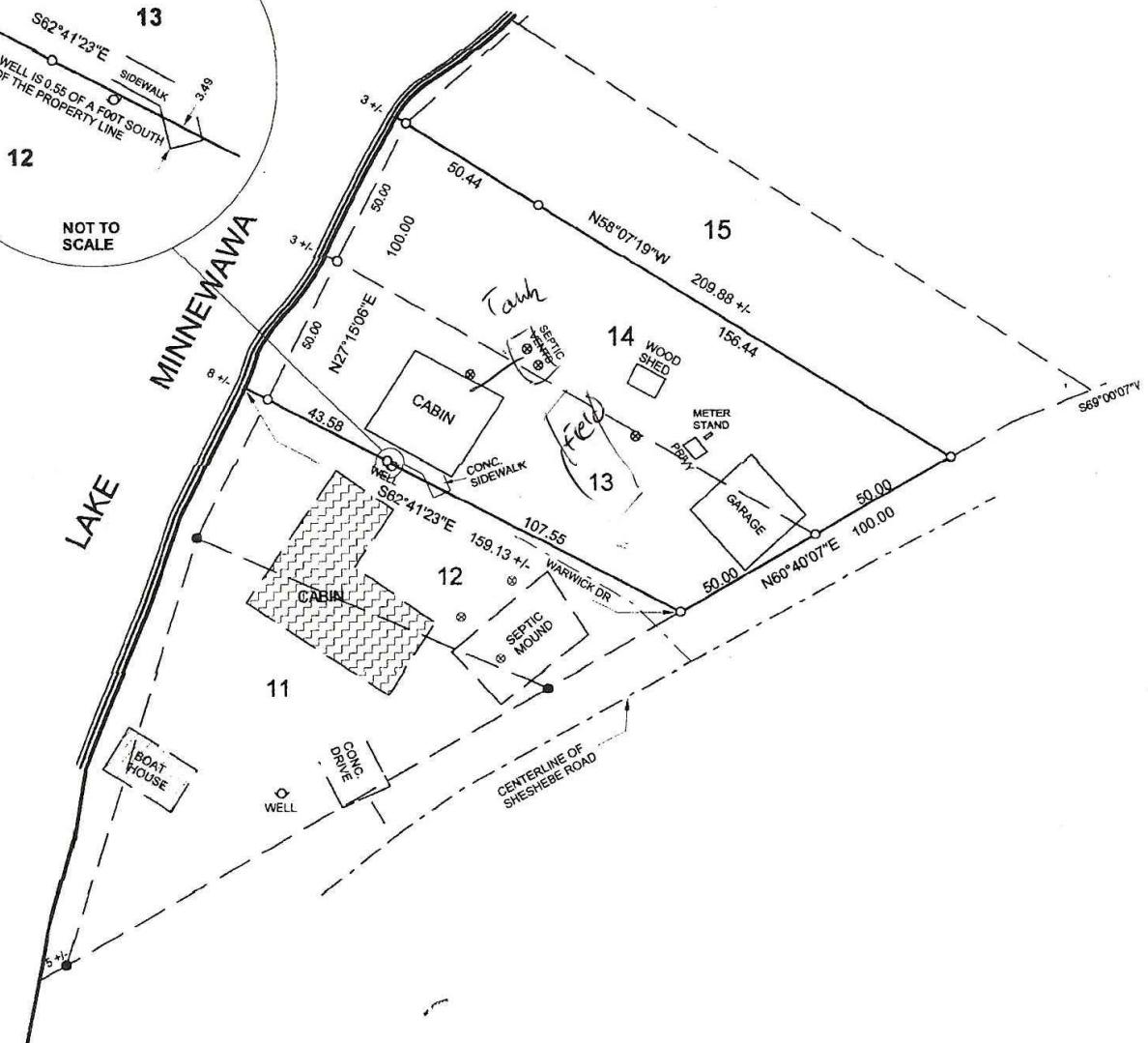
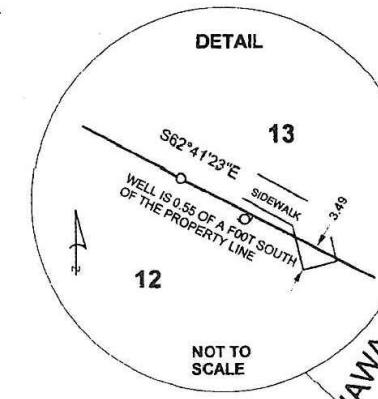
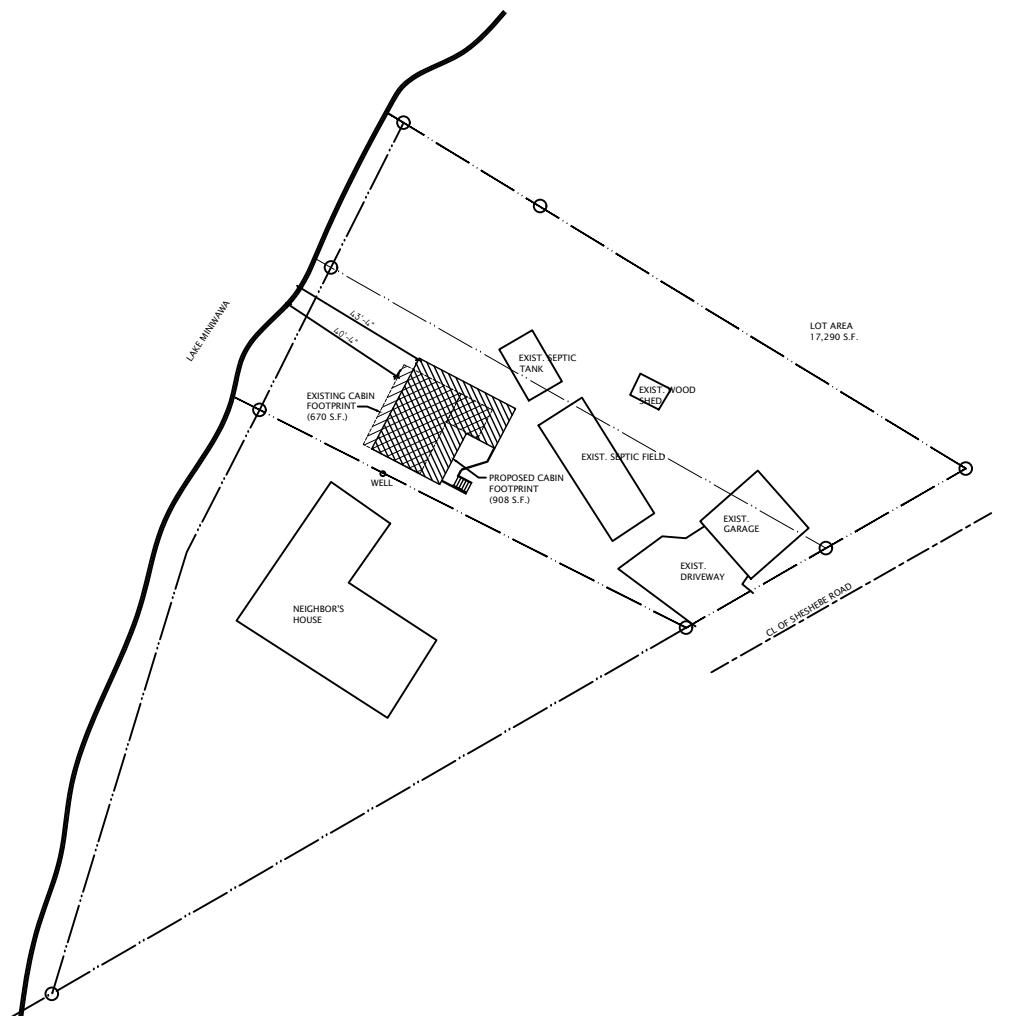
Topography



The slope is total covered with a heavy layer of pine needles which prevents most of the erosion.

CERTIFICATE OF SURVEY

OF LOTS 13 & 14, SHESHEBEE POINT 2ND ADDITION
AITKIN COUNTY, MINNESOTA



MARVIN KOHOUT
REGISTERED LAND SURVEYOR
PO BOX 384
AITKIN, MN 56431-0384
1-218-927-5452

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

Marvin R Kohout
DATE 3 JAN. 2012 REG. NO. 17774

EXISTING SITE PLAN/SURVEY

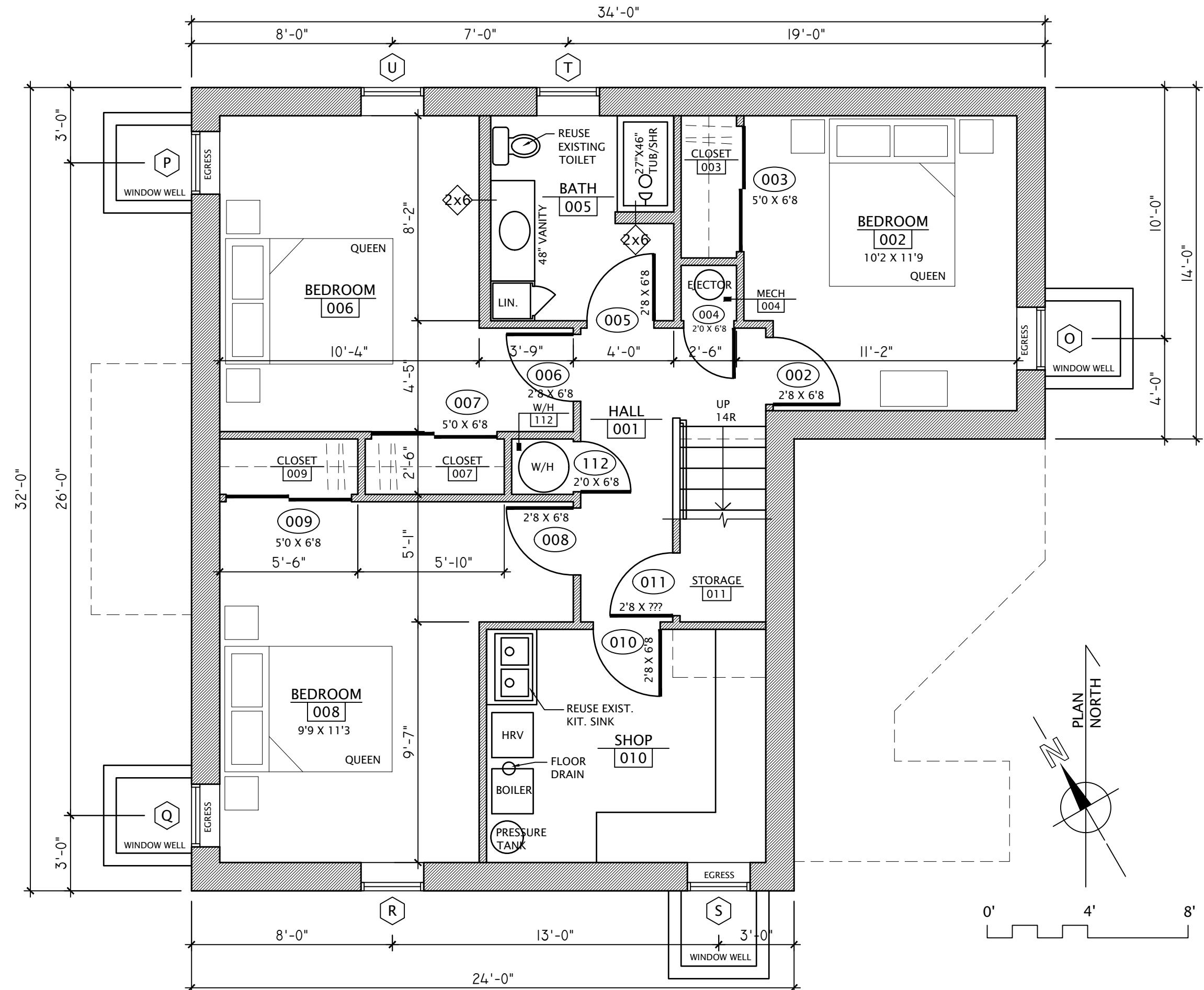
1 A0.1 1" = 60'

PROJECT:
**WARWICK
CABIN**

REVISION/ISSUE DATE
11/16/2025

SHEET NAME:
SITE PLAN

SHEET #:
A0.1



LINE IS 1" LONG WHEN
PRINTED TO SCALE

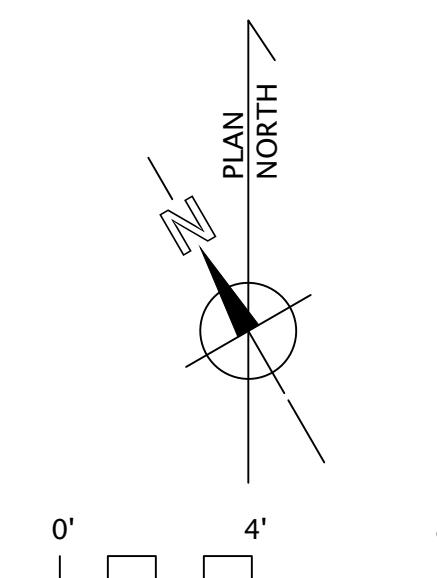
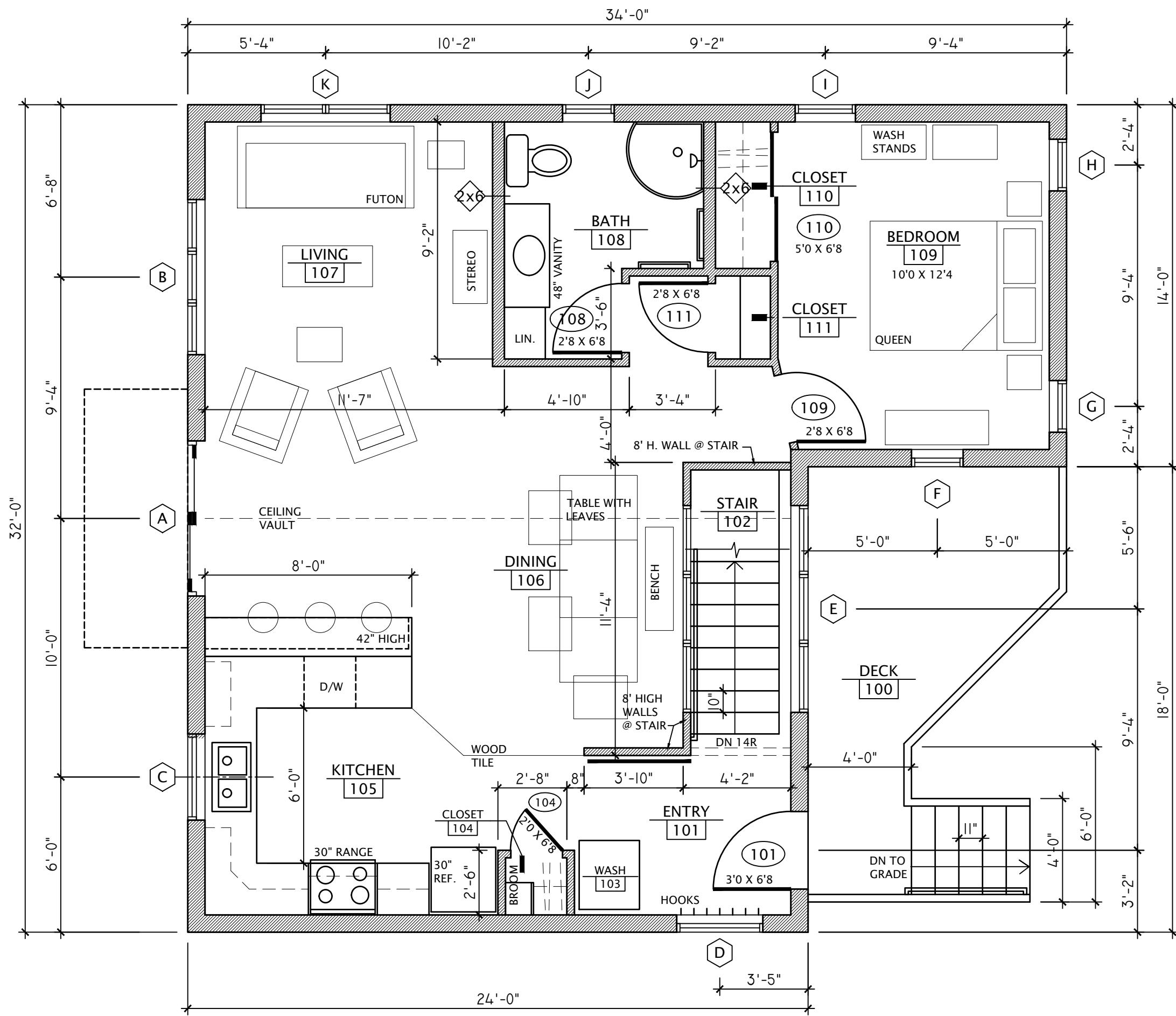
PROJECT:
**WARWICK
CABIN**

REVISION / ISSUE **DATE**

11 / 16 / 2023

SHEET NAME:
**BASEMENT
PLAN**

SHEET #:
A11



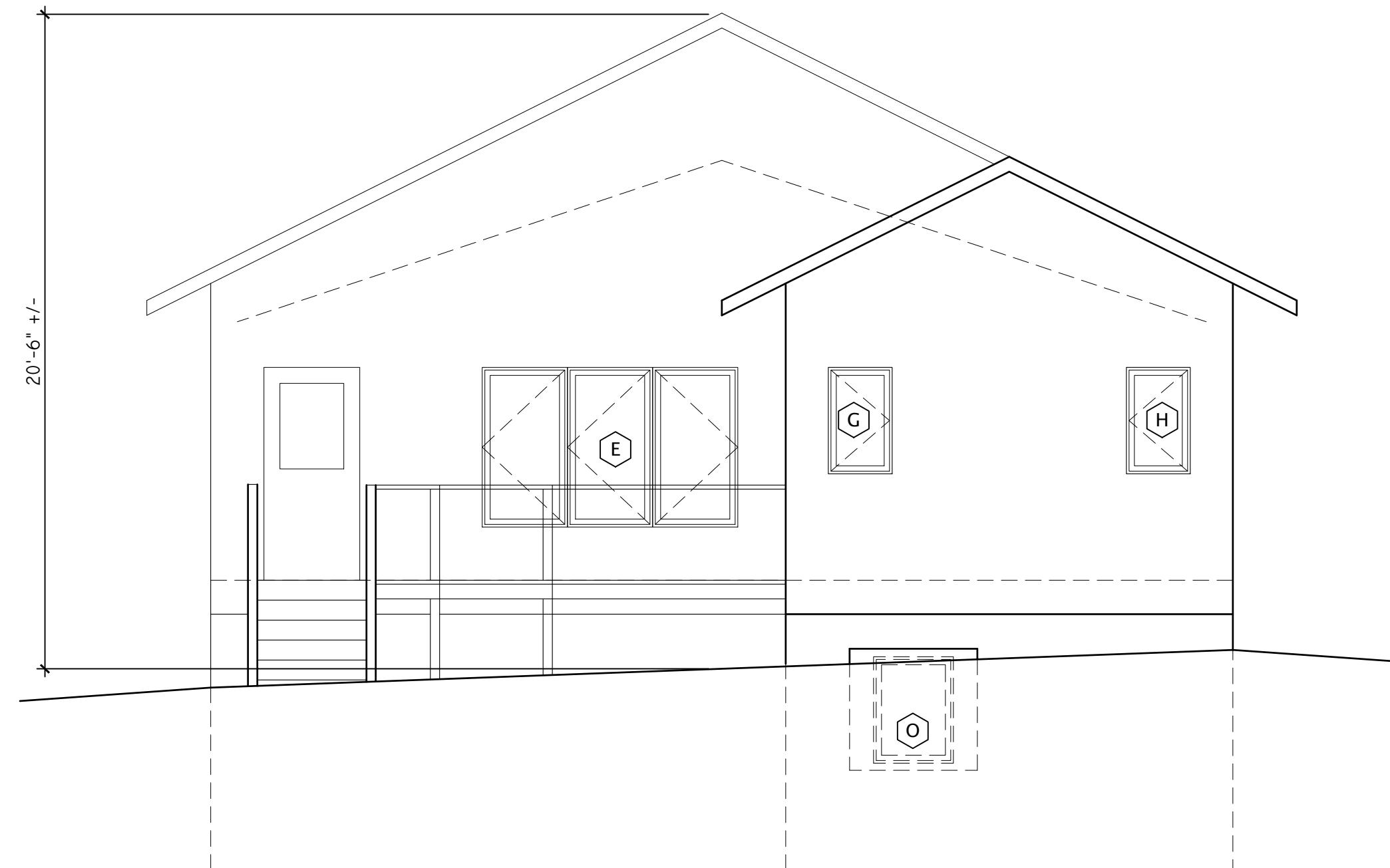
PROJECT:
WARWICK CABIN

REVISION/ISSUE DATE
11/16/2025

Sheet Name:
MAIN FLOOR PLAN

Sheet #: **A1.2**

LINE IS 1" LONG WHEN PRINTED TO SCALE



LINE IS 1" LONG WHEN
PRINTED TO SCALE

PROJECT:
**WARWICK
CABIN**

REVISION/ISSUE DATE
11/16/2025

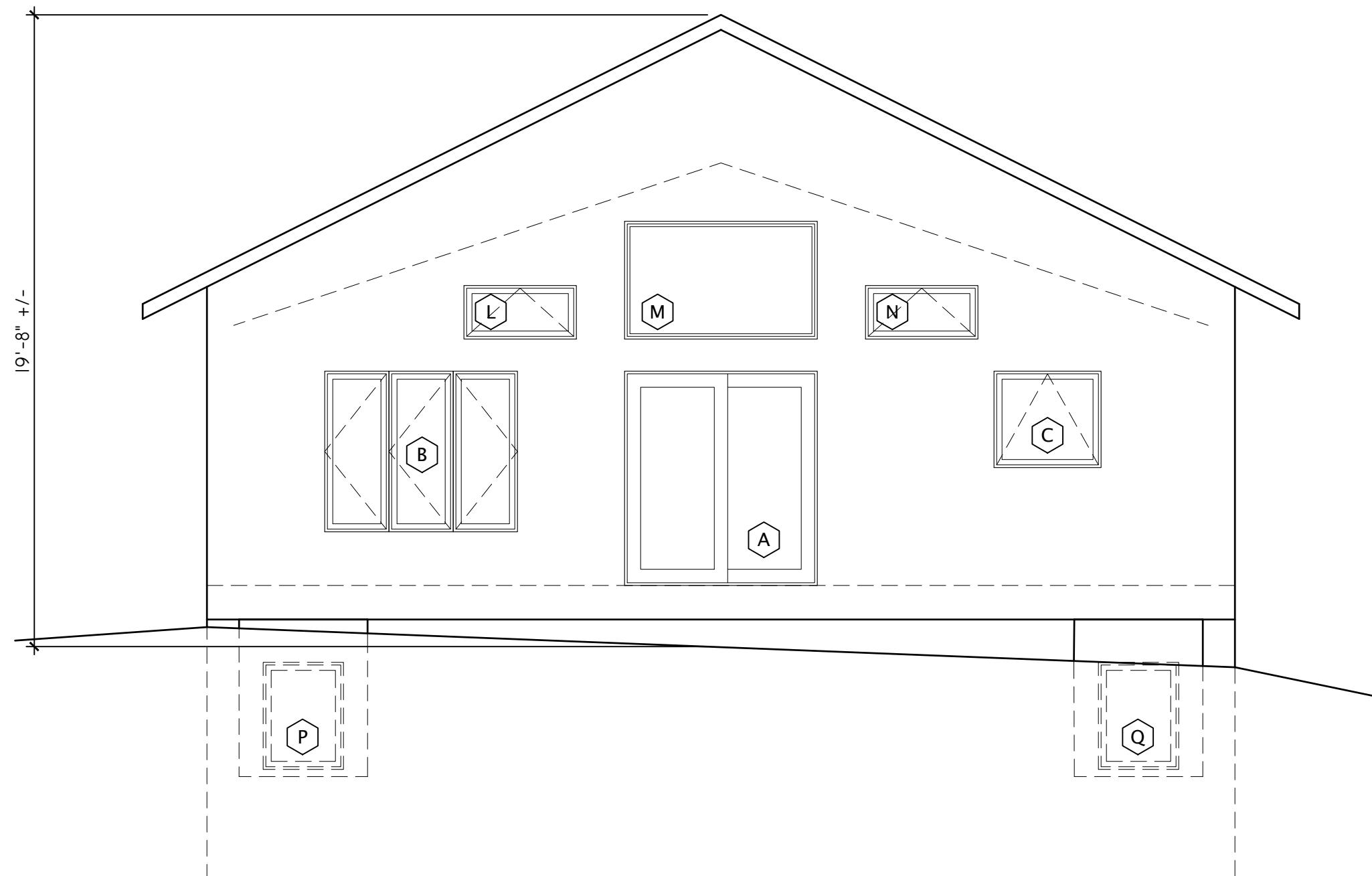
SHEET NAME:
ELEVATION

SHEET #:
A2.1

1
A2.1

ROUGH EAST (ENTRY) ELEVATION

1/4" = 1'-0"



1
A2.2

ROUGH WEST (LAKESIDE) ELEVATION

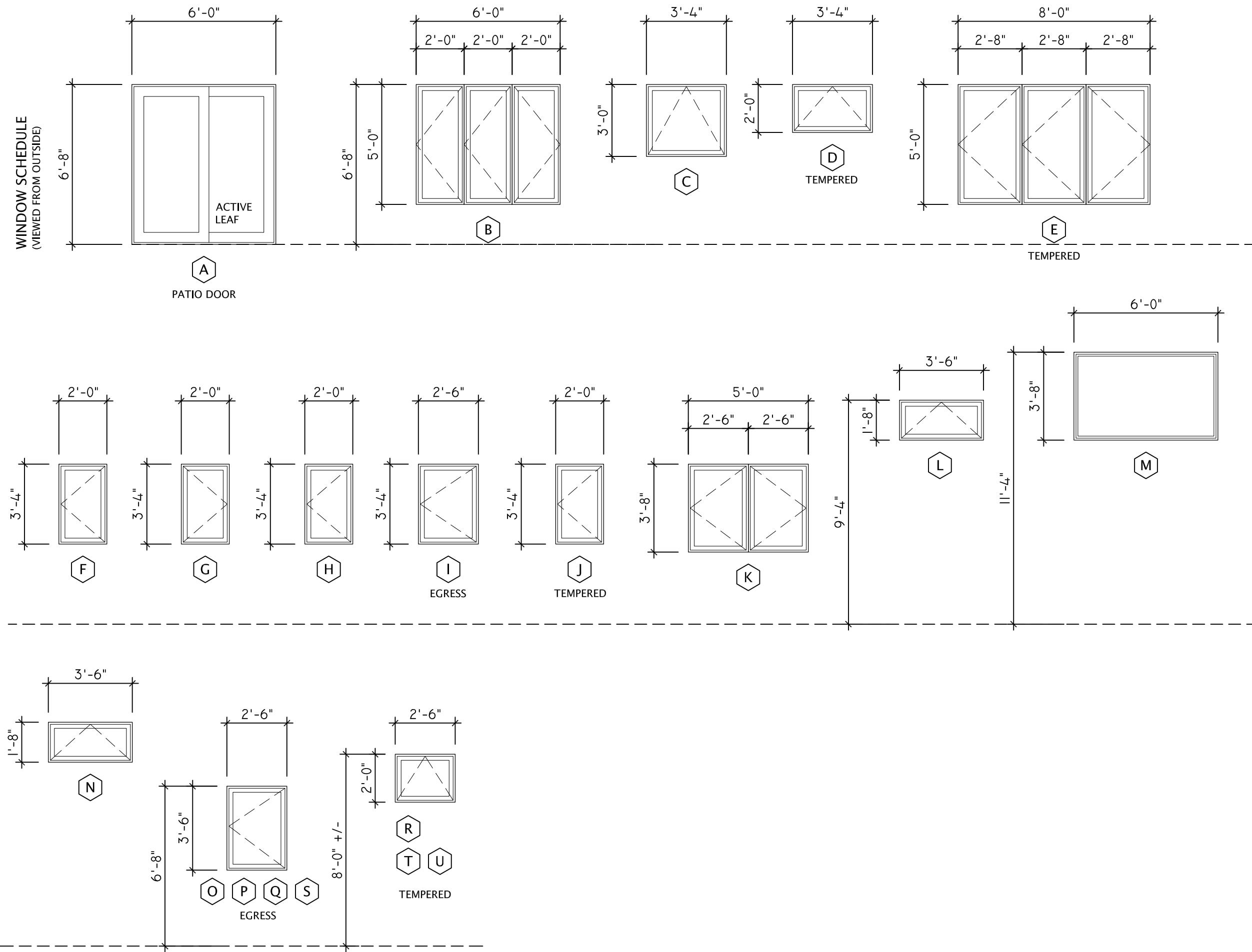
1/4" = 1'-0"

SHEET NAME:
ELEVATION

SHEET #:
A2.2

PROJECT:
WARWICK
CABIN

REVISION/ISSUE DATE
11/16/2025



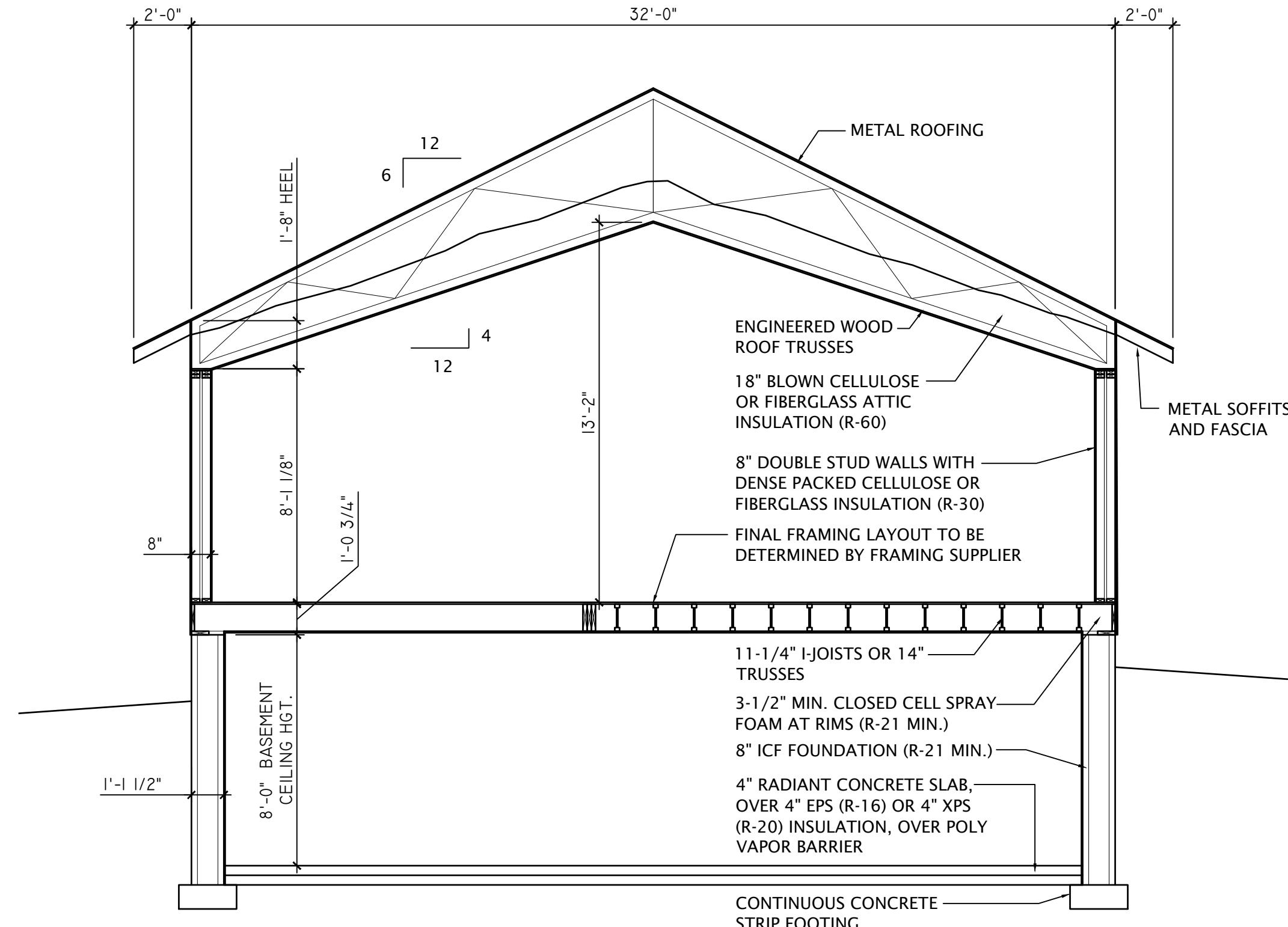
PROJECT:
**WARWICK
CABIN**

REVISION/ISSUE DATE
11/16/2025

SHEET NAME:
**WINDOW
SCHEDULE**

SHEET #:

A2.3



PROJECT:
**WARWICK
CABIN**

REVISION/ISSUE DATE
11/16/2025

SCHEMATIC
BLDG. SECTION

SCHEMATIC
BLDG. SECTION
A3.1



Minnesota Pollution Control Agency
 520 Lafayette Road North
 St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

System Status

System status on date (mm/dd/yyyy): 7/14/2016

Compliant – Certificate of Compliance

(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

Noncompliant – Notice of Noncompliance

(See Upgrade Requirements on page 3.)

Reason(s) for noncompliance (check all applicable)

- Impact on Public Health (Compliance Component #1) – Imminent threat to public health and safety
- Other Compliance Conditions (Compliance Component #3) – Imminent threat to public health and safety
- Tank Integrity (Compliance Component #2) – Failing to protect groundwater
- Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater
- Soil Separation (Compliance Component #4) – Failing to protect groundwater
- Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant

Property Information

Parcel ID# or Sec/Twp/Range: 29-1-204000

Property address: 18694. 483rd st., McGregor, Mn. 55760

Reason for inspection: App. for bid. perm.

Property owner: David Warwick

Owner's phone: _____

or

Owner's representative: _____

Representative phone: _____

Local regulatory authority: Aitkin Co. planning and zoning

Regulatory authority phone: 218-927-7342

Brief system description: 1000 gallon septic tank that gravity drains into a drainfield.

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.

Inspector name: Jarold R. Farley

Certification number: 4744

Business name: Farley sewer systems

License number: 1919

Inspector signature: Jarold R. Farley

Phone number: 218-839-4737

Necessary or Locally Required Attachments

Soil boring logs

System/As-built drawing

Forms per local ordinance

Other information (list): _____

Property address: 18694. 483rd st., McGregor, Mn. 55760

Inspector initials/Date: JRF 7/14/2016
(mm/dd/yyyy)**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.**Comments/Explanation:****Verification method(s):**

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- "Black soil" above soil dispersal system
- System requires "emergency" pumping
- Performed dye test
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

2. Tank Integrity – Compliance component #2 of 5**Compliance criteria:**

System consists of a seepage pit, cesspool, drywell, or leaching pit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.	
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.**Comments/Explanation:**

tank was pumped by kangas on july 14 2016 .

Verification method(s):

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tanks(s)
- Probed outside tank(s) for "black soil"
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

3. Other Compliance Conditions – Compliance component #3 of 5

- a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound. Yes* No Unknown
- b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety. Yes* No Unknown
***System is an imminent threat to public health and safety.**

Explain:

- c. System is non-protective of ground water for other conditions as determined by inspector. Yes* No
***System is failing to protect groundwater.**

Explain:

Property address: 18694, 483rd st., McGregor, Mn. 55760

Inspector initials/Date: JRF 7/14/2016
(mm/dd/yyyy)**4. Soil Separation – Compliance component #4 of 5**

Date of installation: (mm/dd/yyyy)	<input checked="" type="checkbox"/> Unknown	Verification method(s): Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.
Shoreland/Wellhead protection/Food beverage lodging?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Conducted soil observation(s) (Attach boring logs) <input type="checkbox"/> Two previous verifications (Attach boring logs) <input type="checkbox"/> Not applicable (Holding tank(s), no drainfield) <input type="checkbox"/> Unable to verify (See Comments/Explanation) <input type="checkbox"/> Other (See Comments/Explanation)
Compliance criteria:	<p>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:</p> <p>Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.</p> <p>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:</p> <p>Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*</p> <p>"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080.2350 or 7080.2400 (Advanced Inspector License required)</p> <p>Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.</p>	
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Comments/Explanation: 0-5" top soil 10 yr 3/2 5-60" sandy loam 10 yr 4/6 no mottles @ 60"
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Indicate depths or elevations
		A. Bottom of distribution media 98
		B. Periodically saturated soil/bedrock 95
		C. System separation 36"
		D. Required compliance separation* 36"

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

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

5. Operating Permit and Nitrogen BMP* – Compliance component #5 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? 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. Operating Permit number:

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.

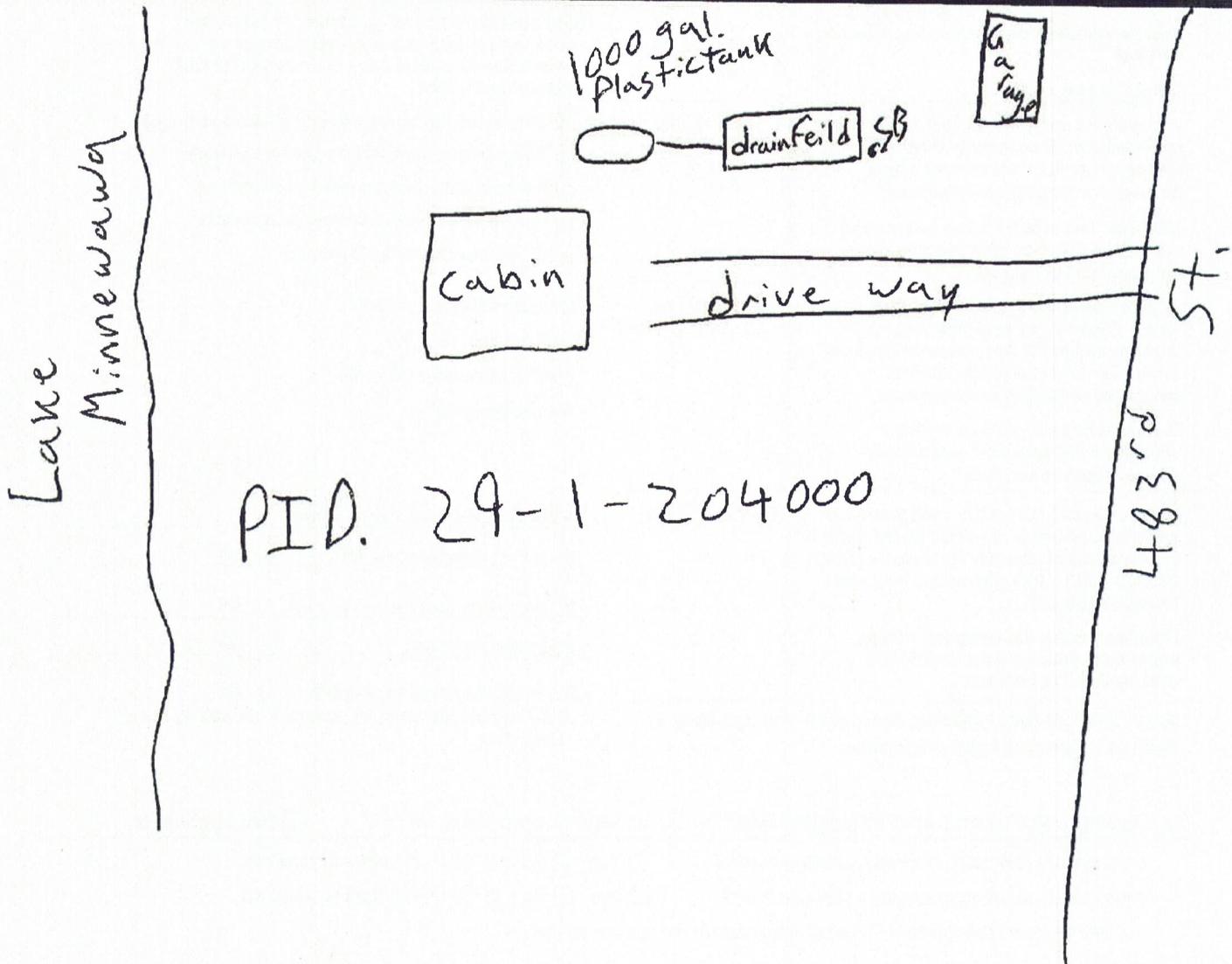
Upgrade Requirements (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, 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.

Jarold

FARLEY **SEWER**
SYSTEMS

SEWER DESIGN & INSTALLATION

JAROLD R. FARLEY

P.O. Box 472
McGregor, MN 55760Bus. Lic. No. L1919
Reg. No. 4744**218-839-4737** cell

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: 6D
- 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: 36
- 4) Enter the corresponding 'Score Multiplier' 4: 1.33
- 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: 47.88

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

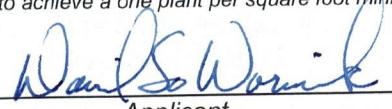
Protected Waters Type (DNR Classification; SMO 4.13-4.14)	Required Structure Setback	Score Multiplier Structures	Required Septic Setback	Score Multiplier Septic	Score Multiplier Bluff	Score Multiplier Sidelot
General Development Lake	75'	1.333	75'	1.333	(30' setback)	(10' setback)
Recreational Development Lake	100'	1.000	75'	1.333		
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	3.33	10.000
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) 47.88 + Mitigation Totals (Lines A-I) 40 = 87.88

*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


Dan D. Womik
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 18694 483RD ST McGREGOR MN 55760 (ON LAKE MINNEWAWA)

Builder _____ Owner DAVID WARWICK

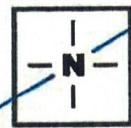
Worksheet Completed By DAVID WARWICK Date 8/14/16

$$\begin{array}{r}
 30 \times 31 = 275 \\
 - 20 \times 10 = \underline{59} \quad \text{ALREADY EXCAVATED} \\
 \hline
 215
 \end{array}$$

Amount of earthen material to be excavated and/or used for fill ~215 cubic yards.

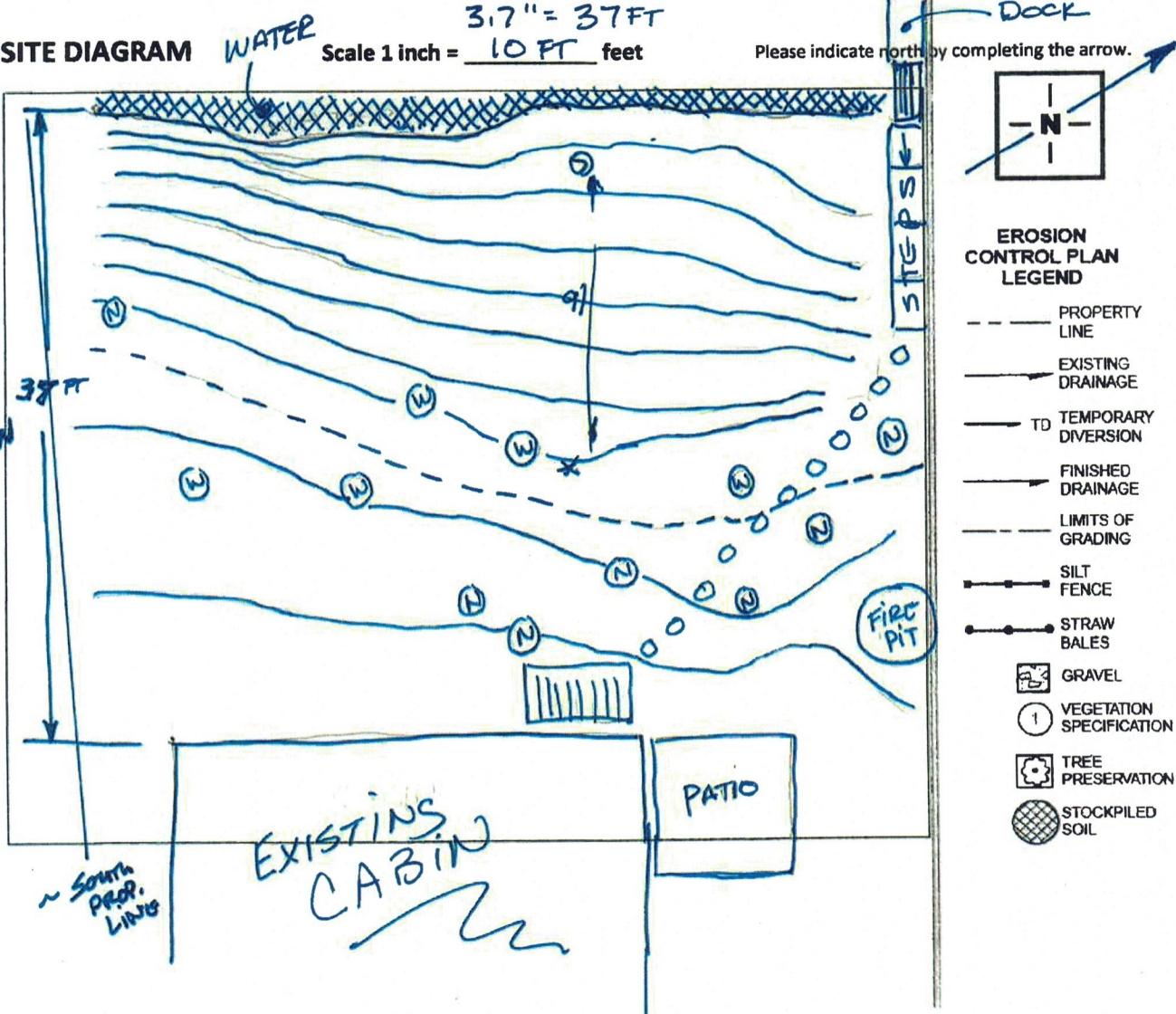
SITE DIAGRAM WATER Scale 1 inch = 10 FT feet

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



313431 FILED NOV 16 1998 AT 9AM ROGER HOWARD ACT. CO. RECORDER

STATEMENT OF REAL ESTATE
FILED (X) NOT
RECEIVED
CERTIFICATE OF REAL

NO DELINQUENT TAXES
AND TRANSFER ENTERED

This 16 Day of 1998

Oliver Doty
County Auditor
Maria Berman Deputy

Personal Representative's Deed of Distribution

Date: November 4, 1998

NO STATE DEED TAX DUE HEREON

David S. Warwick, Grantor, as Personal Representative of the Estate of Beverley J. Warwick, single at the time of death, hereby conveys to David S. Warwick, Grantee, real property in Aitkin County, Minnesota, described as follows:

Lot 13, Sheshebe Point 2nd Addition,

together with all hereditaments and appurtenances belonging thereto.

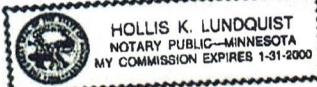
David S. Warwick

David S. Warwick

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this 4th day of November, 1998, by David S. Warwick, Personal Representative of the Estate of Beverley J. Warwick, Decedent.

NOTARIAL STAMP OR SEAL



Hollis K. Lundquist
SIGNATURE OF PERSON TAKING ACKNOWLEDGMENT

TAX STATEMENTS FOR THE REAL PROPERTY DESCRIBED
IN THIS INSTRUMENT SHOULD BE SENT TO (INCLUDE NAME
AND ADDRESS OF GRANTEE):

David S. Warwick
5081 Edgewood Drive
Mounds View, Minnesota 55112

THIS INSTRUMENT WAS DRAFTED BY:

Hollis K. Lundquist
Attorney at Law
5856 Dupont Avenue South
Minneapolis, Minnesota 55419-2109
Attorney Registration No. 65262

17
pd 19.50

11-16-9

Hollie A. Lundquist
atty at law
5856 Depot Ave.
Maple, Minn 55419-2107

RECORDED
TRACT INDEX
GRANTOR
GRANTEE
COMPARED

OFFICE OF COUNTY RECORDER
AFTON COUNTY, MINNESOTA
 WILL CERTIFICATE RECEIVED
 WILL CERTIFICATE NOT REQUIRED

COUNTY RECORDER
AFTON COUNTY, MINNESOTA
FILED

NOV 16 1998 9 AM

Karen Howard
Afton County Recorder
At Doc. No.

313433

CERTIFICATE OF REAL ESTATE
VALUE () FILED (X) NOT
REQUIRED CERTIFICATE OF REAL
ESTATE VALUE NO _____

NO DELINQUENT TAXES
AND TRANSFER ENTERED

This 16 Day Nov of 1998

Alice Dattler

CCO Auditor

Maria Burman Deputy

Personal Representative's Deed of Distribution

Date: November 4, 1998

NO STATE DEED TAX DUE HEREON

David S. Warwick, Grantor, as Personal Representative of the Estate of Beverley J. Warwick, single at the time of death, hereby conveys to David S. Warwick, Grantee, real property in Aitkin County, Minnesota, described as follows:

Lot 14, Sheshebe Point 2nd Addition,

together with all hereditaments and appurtenances belonging thereto.

Grantor certifies that Grantor does not know of any wells on the above-described property.

David S. Warwick

David S. Warwick

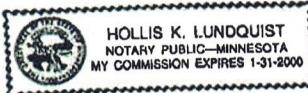
STATE OF MINNESOTA)

) ss.

COUNTY OF HENNEPIN)

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SIGNATURE OF PERSON TAKING ACKNOWLEDGMENT

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IN THIS INSTRUMENT SHOULD BE SENT TO (INCLUDE NAME
AND ADDRESS OF GRANTEE):

David S. Warwick
5081 Edgewood Drive
Mounds View, Minnesota 55112

THIS INSTRUMENT WAS DRAFTED BY:

Hollis K. Lundquist
Attorney at Law
5856 Dupont Avenue South
Minneapolis, Minnesota 55419-2109
Attorney Registration No. 65262

44
1.65

1
Pd 1950
W.C. pd 20.00
11-16-9

Halle K. Lindquist
Betty Stiles
5856 Dupont Ave. S.
Minneapolis, Minn 55419-2109

RECORDED
TRACT INDEX
GRANTOR
GRANTEE
COMPARED

(2)

OFFICE OF COUNTY RECORDER
ANTRON COUNTY, MINNESOTA
 WILL CERTIFICATE RECEIVED
 WILL CERTIFICATE NOT REQUIRED

COUNTY RECORDER
ANTON COUNTY, MINNESOTA
FILED

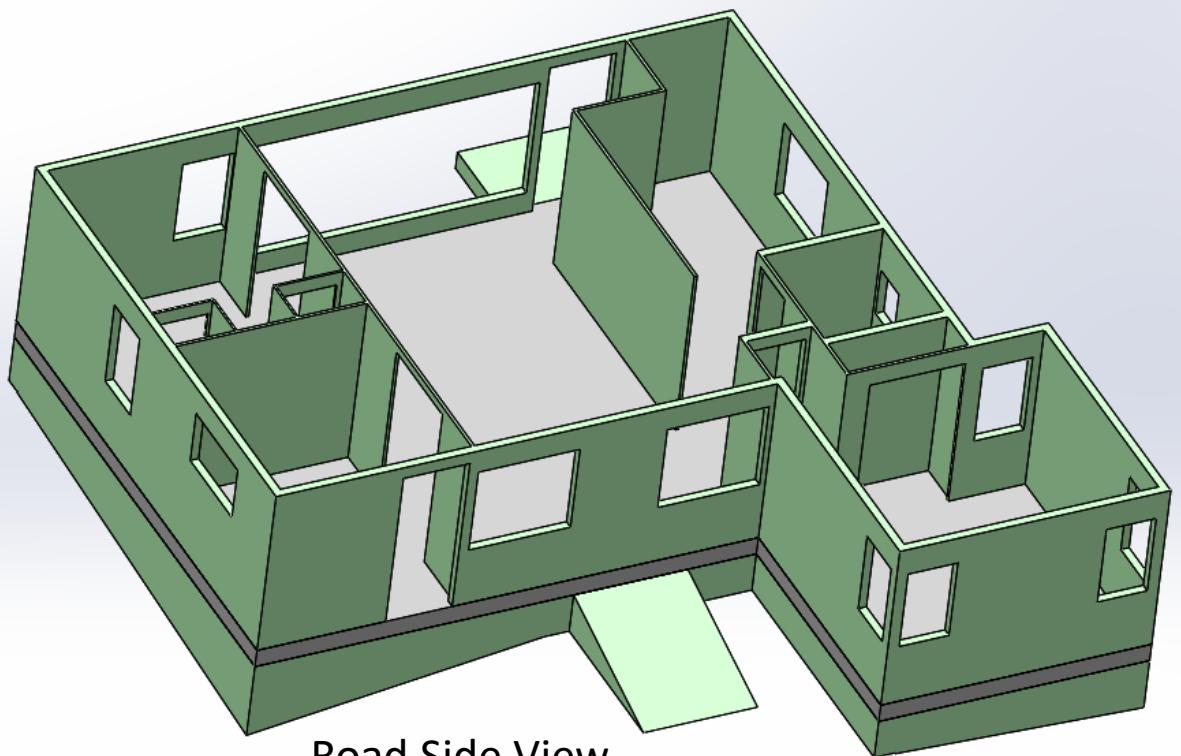
NOV 16 1986 9 AM

Ryan K. Marshall
County Clerk
Antron Co. Minn.

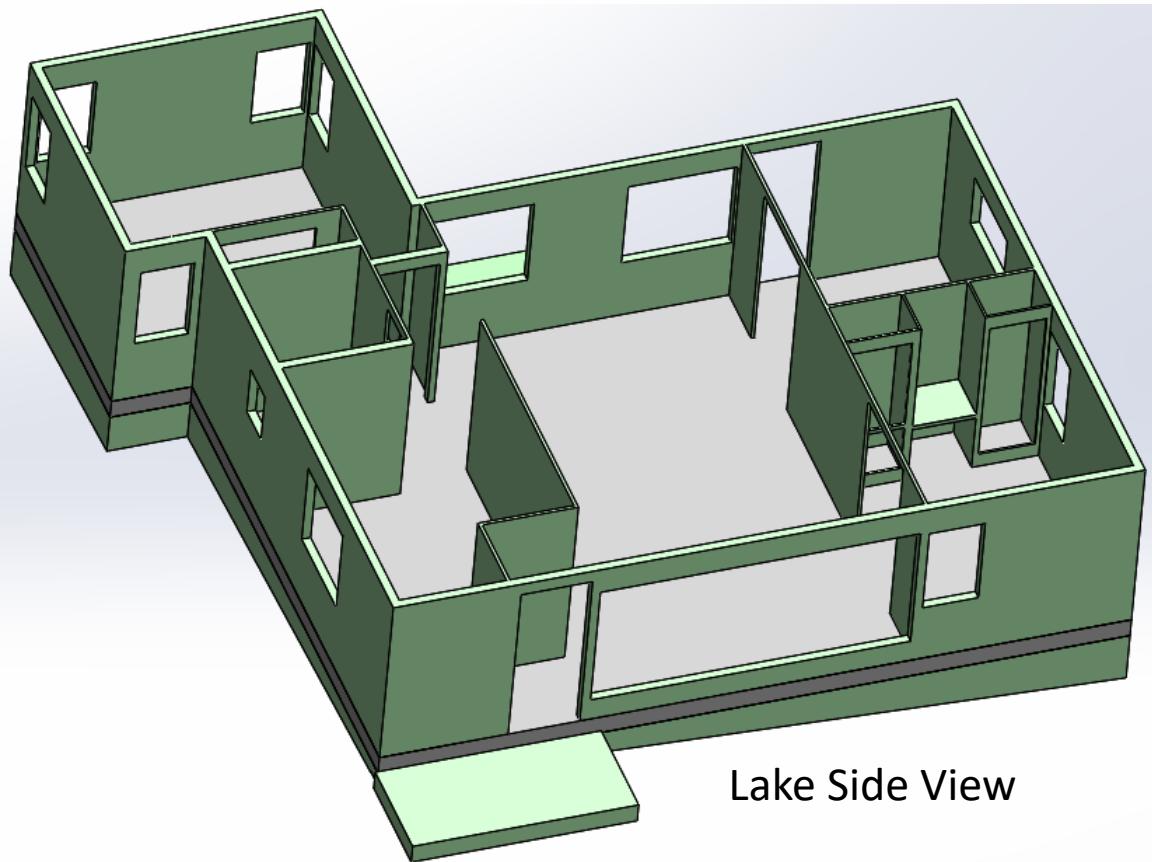
313431

Views of the Current Cabin

CAD Model of current Cabin Showing Room Layout



Road Side View



Lake Side View



Road Side View
from the end of
the driveway



Road Side – Back
Entrance to cabin
showing stairs
and landing



Road Side – Back
Entrance to cabin
and Steel Bulkhead
Door to Cellar



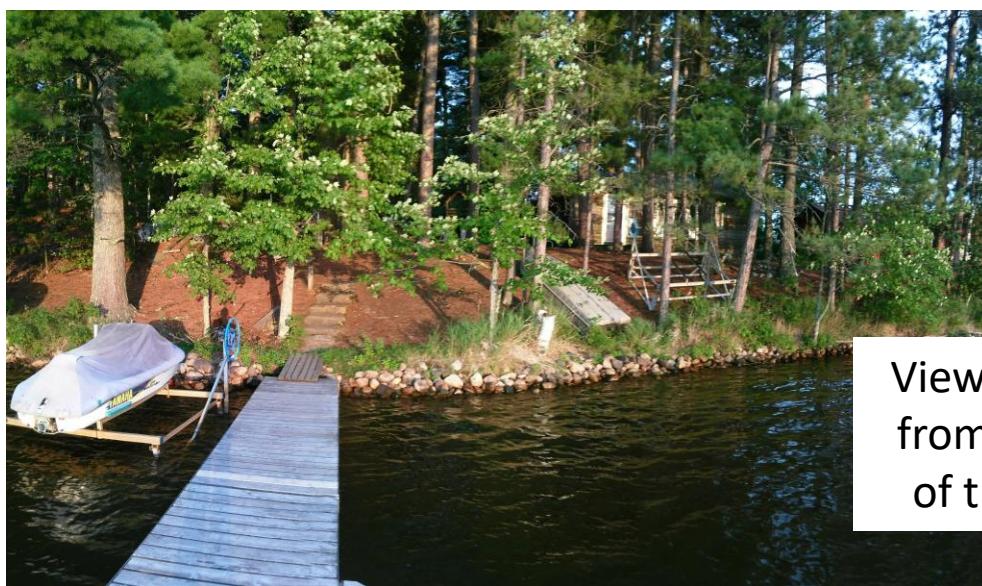
Road Side View
from
Woodshed



View from steps
by lakefront



Lake Side View
of the Cabin

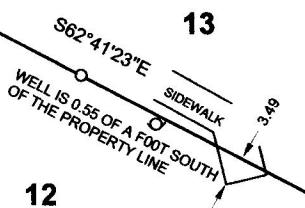


View of Cabin
from the End
of the Dock

CERTIFICATE OF SURVEY

OF LOTS 13 & 14, SHESHEBEE POINT 2ND ADDITION AITKIN COUNTY, MINNESOTA

DETAIL

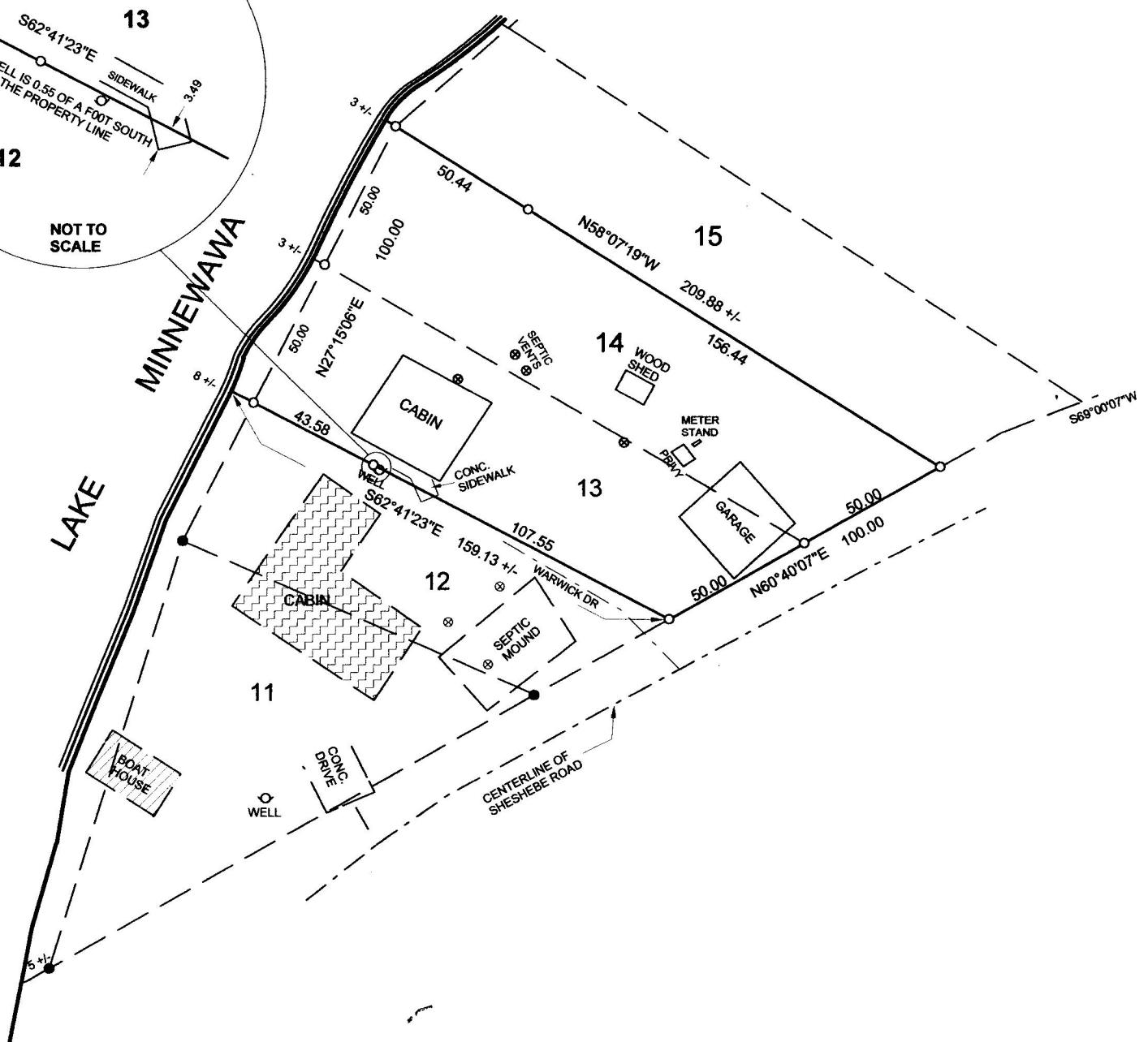


12

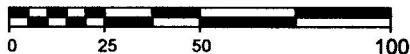
NOT TO
SCALE

MINNEWAWA

LAKE



SCALE : 1 INCH = 50 FEET



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

BEARING DATUM IS BASED ON THE SOUTH LINE OF
LOT 13 HAVING A BEARING OF S62°41'23"E.

MARVIN KOHOUT
REGISTERED LAND SURVEYOR
PO BOX 384
AITKIN, MN 56431-0384
1-218-927-5452

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

Marvin R Kohout
DATE 3 JAN. 2012 REG. NO. 17774

Property Location

	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
Property:	11-0-001000	44373 Conifer St AITKIN, MN 56431	HAZELTON TWP	SMYTHE, CRAIG R & DIANE M	SMYTHE, CRAIG R & DIANE M	PART OF GOVT LOT 2 FORMERLY KNOWN AS LOT 9 BLOCK 3 OF NORTH SHORE MILLE LACS LAKE PLAT (NOW VACATED)	S:5 T:44 R:27	GD	MILLE LACS	
Driving directions to the proposed project from Aitkin:	<p>From Aitkin:</p> <p>Go south on US-169 (~15 miles)</p> <p>Turn left (south) onto 37 (just east of North Garrison Public Access)</p> <p>Turn left (east) onto Conifer St.</p> <p>Property is a block down on right.</p>									
Is the above parcel located in the Shoreland Zoning District?	<p>Yes</p>									

Detailed Narrative

Enter a Detailed Narrative (If you have a prepared narrative please state "See attached" and attach the document below):	See Attachment
Attach prepared narrative here:	File 1:  Variance_Narrative_-_Slide_Deck_020626.pdf
Provide the Ordinance(s) and the Section(s) of the Ordinance(s) from which you are requesting a variance:	Shoreland Management Ordinance Section 5.0

Supplemental Data

Attach completed form here:	File 1:  supplemental-data.pdf
-----------------------------	---

A Scaled Drawing or Survey

Scaled Drawing or Survey Checklist:	<p>Location and dimensions for all lot lines.</p> <p>Location and dimensions of all existing and proposed structures/additions.</p> <p>Location and depth of all existing and proposed wells within 100 feet of the property.</p> <p>Location and dimensions of all existing and proposed septic system components (septic tank, septic drainfield).</p> <p>Location and dimensions of all existing and proposed driveways, road right-of-ways, and easements.</p> <p>If topography is unusual, show elevations and location of bluffs, steep slopes, wetlands, etc.</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:  L9_B3_NORTH_SHORE_MILLE_LACS_LAKE_CRAIG_SMYTHE_2025-11918.pdf</p>

Side Profile Sketch of the Structure

Attach a side profile sketch of your proposed structure or addition here (if applicable):	<p>File 1:  House44373-012926LEAN_East-Side_View.PDF</p> <p>File 2:  House44373-012926LEAN_Floor_Plans.PDF</p> <p>File 3:  House44373-012926LEAN_Iso-Views.PDF</p>
---	---

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.	<p>File 1:  SEPTIC_COMPLIANCE_080525.pdf</p>
---	---

Shoreland Performance Worksheet

Complete the Shoreland Performance Worksheet and attach here:

File 1: [!\[\]\(ca16ccf0b4d93f643c122ed65e7e9da5_img.jpg\) 1515_001.pdf](#)

Standard Erosion Control Plan

Attach the completed Standard Erosion Control Plan here:

File 1: [!\[\]\(cd35be7cbac36ec16bdbbb6e2a3351ba_img.jpg\) erosion-control-plan.pdf](#)

File 2: [!\[\]\(5d0b1511b1884b1f26ae97dfa559d135_img.jpg\) Erosion_Site_Diagram.pdf](#)

Property Deed

Attach the property deed:

File 1: [!\[\]\(b228385d0dcf903a6d9d76a372f9a99c_img.jpg\) PROPERTY_DEED_-_SMYTHE_pg1.pdf](#)

File 2: [!\[\]\(de62d658cbc9cd70592946029104a8eb_img.jpg\) PROPERTY_DEED_-_SMYTHE_pg2.pdf](#)

File 3: [!\[\]\(35d1206933c55ade623a6e9dce2304c1_img.jpg\) PROPERTY_DEED_-_SMYTHE_pg3.pdf](#)

File 4: [!\[\]\(4e1d0123a61febe7c8358a82443b40c2_img.jpg\) PROPERTY_DEED_-_SMYTHE_pg4.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 #68779 (02/06/2026) Expected Payment Method: Pay Online - Card or ECheck

Charge	Cost	Quantity	Total
Recording Fee added 02/06/2026 11:45 AM (Nonrefundable)	\$46.00	x 1	\$46.00
Variance added 02/06/2026 11:45 AM (Nonrefundable)	\$650.00	x 1	\$650.00
Grand Total			
			Total \$696.00
			Payment 02/06/2026 \$696.00
			Due \$0.00

Results ([Go to top](#))

Signature accepted

Failed to send **Variance Ready for Action** notification to:

Approvals

Approval	Signature

Applicant	Craig Smythe - 02/06/2026 1:14 PM 76e00b72095f5ff7ac89d19e08f2143c 61995895237dc27d6c33f629b1aff3fc
#1 Administrative Review	Kim Burton - 02/06/2026 2:16 PM a55c1b34cc4eada7fa503d4b2849eaca 0b0b7f0fda97b46fc9c213a779d6d868
#2 Board of Adjustment Approval	

Public Notes

Text:	<div style="border: 1px solid #ccc; height: 400px; width: 100%;"></div>
File(s):	<div style="border: 1px dashed #ccc; height: 40px; width: 100%;"></div>

Admin Checklist

This review has been started by:	Kim Burton <input type="button" value="▼"/>
Zoning District of project location:	Shoreland <input type="button" value="▼"/>
Project located in the floodplain?	No <input type="button" value="▼"/>

Is the parcel a Lot of Record before 1-21-92 or have alternate sites been identified?	<input type="button" value="Yes ▾"/>
Is this an after-the-fact application?	<input type="button" value="No ▾"/>

Numbers

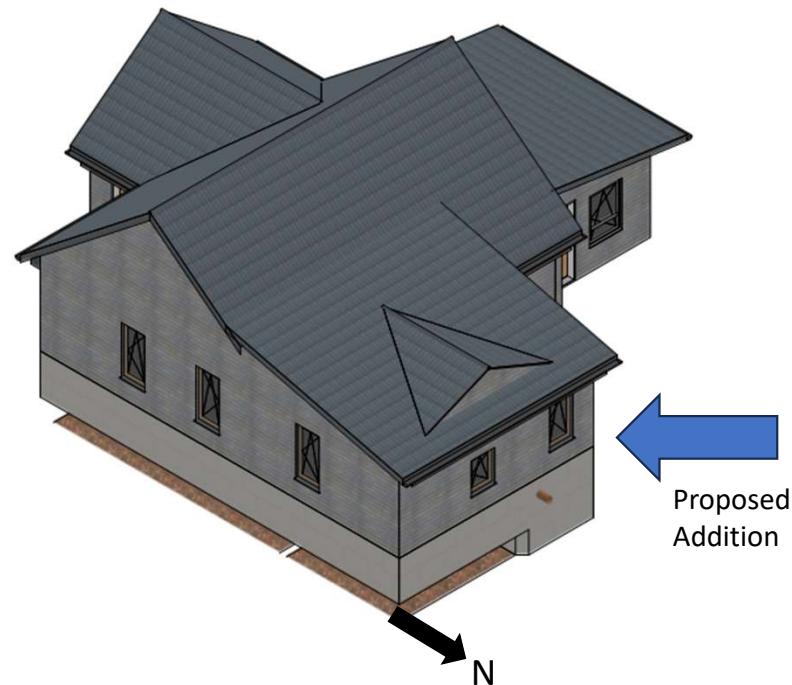
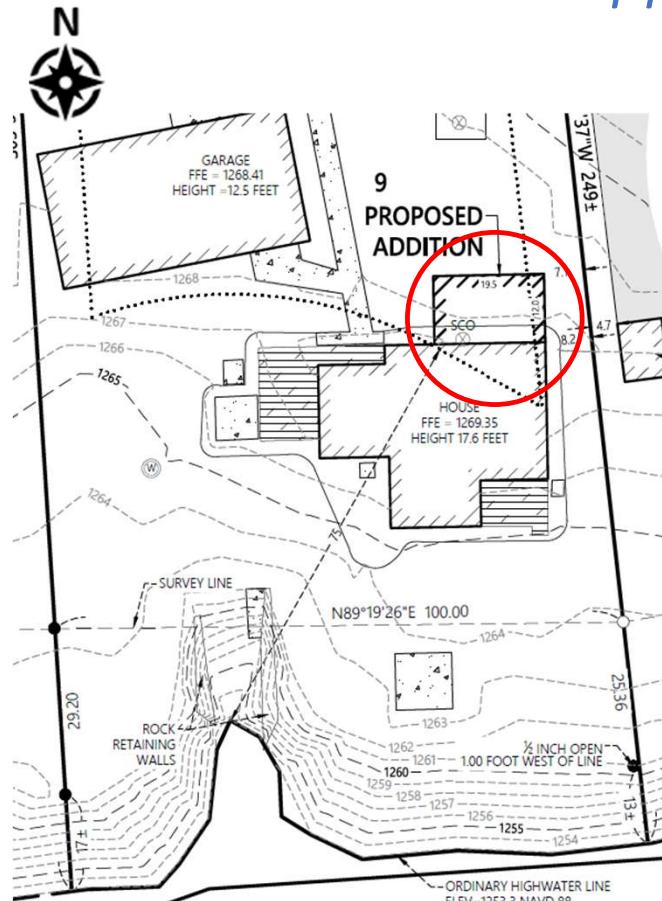
	Current Number	Next from Sequence
UID #	219880	<i>not applicable</i>
App. #	2026-000028	<input type="button" value="««"/> 2026-000029
Permit #		<input type="button" value="««"/> 2026-0018

[Print View](#)

Background

- Address: 44373 Conifer St., Aitkin, Hazelton TWP (North End of Mille Lacs Lake)
- Purchased: 5/2013 (Build 1946)
- Property Updates: No variance applications to date, only permits for a deck addition (10/2019 permit #44742), garage addition (3/2021 permit #45805), patio (3/2025 permit #49879) and a state electrical permit.
- Retired 6/2021, joined both my spouse and granddaughter who were living here since 8/2018 to attend school in Aitkin.
- With three of use the home is tight (1200 sq-ft), has only a ½ bath and a shower in the basement. There are only two small rooms North Bedroom (94 sq-ft) and South Bedroom (122 sq-ft).
- ***Variance Request if granted increases the size of the north bedroom while adding sufficient space for a full bathroom on ground level and a bathroom in the basement.***

Proposal Addition

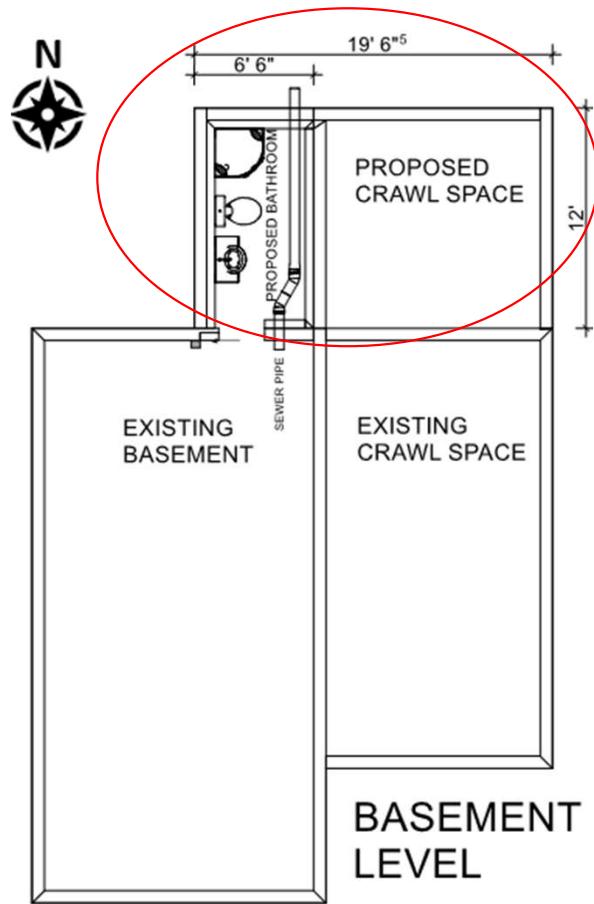


- Proposal would be to add to the existing structure(1200 sq-ft) a 12' X 19-1/2' addition located at the NE corner. This would increase the size house by < 20%.

Ground Level Proposed Addition

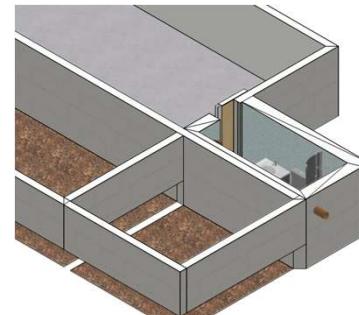


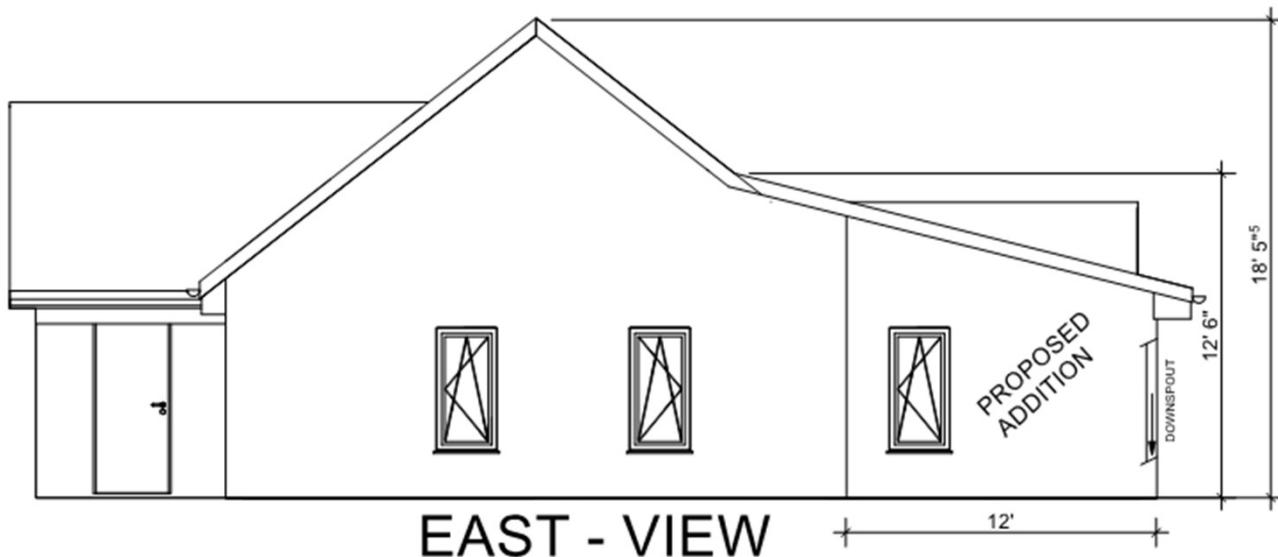
- Current situation features two small bedrooms on ground level, a North Bedroom (94 sq-ft) and a South Bedroom (122 sq-ft).
- With the proposed addition you would expand the North Bedroom by an additional 125 sq-ft allowing more room for my wife, myself and our furniture. The added closet would be a welcome add-on since very little closet space is available today. Our granddaughter would have the South Bedroom.
- Current situation features a $\frac{1}{2}$ bath only with a shower in the basement. With the proposed addition you would be able to add a large shower w/full-size vanity and storage cabinet.
- The proposed layout would accommodate a full bathroom on the ground level making it much easier for my wife and I not having to navigate the stairs for a shower since we are in our golden years. Having the needed facility would help get ready for school as well.
- As a bonus there would be a large door access into the bathroom from the proposed bedroom thus allowing easier entry. The current entrance door into the bathroom is quite small, just 24 inches wide.



Basement Level Proposed Addition

- It will be necessary to excavate for footings and walls for the proposed addition. A narrow basement would allow access to sewer line(s), water lines, air ducts, etc. from underneath. A rough in for a future basement bathroom is also proposed for this space.
- Over half the excavated soil would fill the new crawl space.

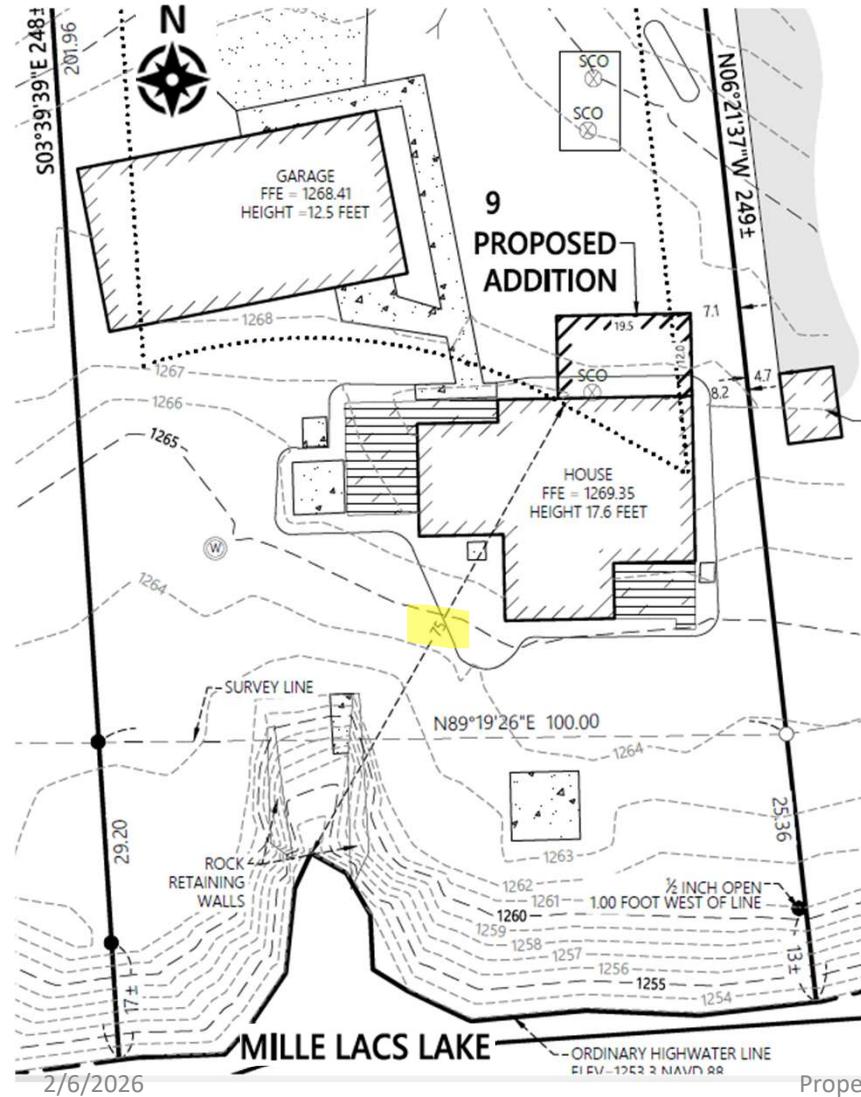




Side View

- The proposed addition roof line would sit below the existing structure. I illustrate a lean roof.
- The water would flow downward from the roof into the gutters exiting through a downspout on the NE corner similar as it does today with the existing structure. There is a natural slope(~6 degrees) running north-south so the water doesn't flow into the adjoining property.

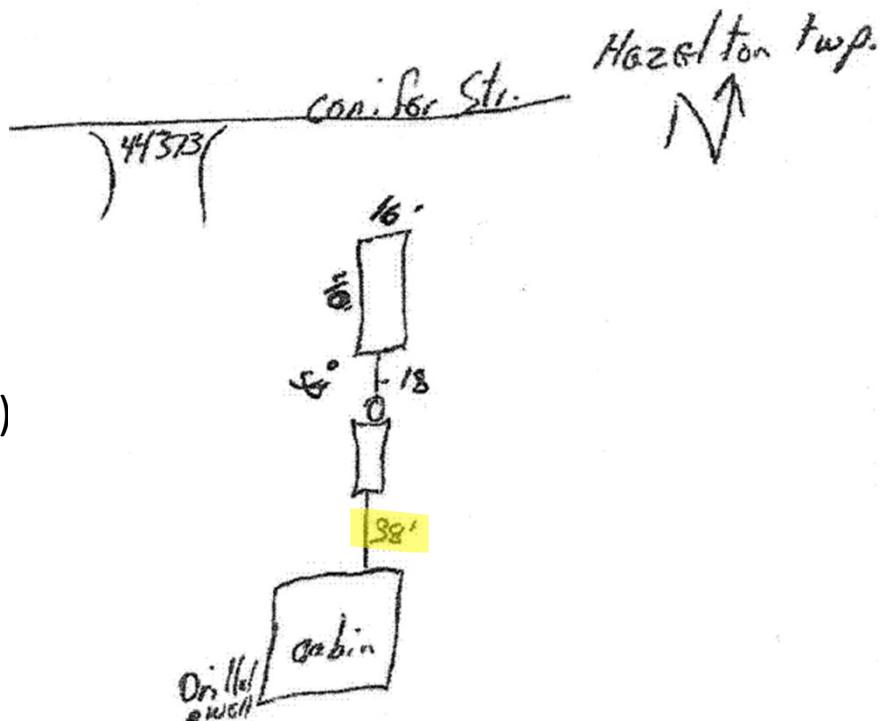
Proposed Addition from Lakeshore



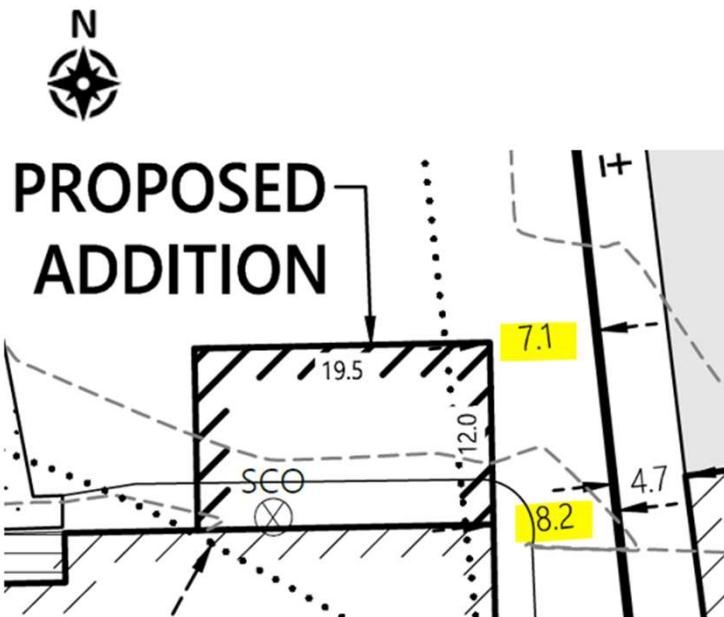
- From the Widseth Survey the SW corner of the addition is at the minimum required 75' setback from OHL.

Proposed Addition Septic Location

- Viewing the Timber Lakes sketch the septic tank(s) are a distance of 38' from the existing structure and therefore 26' from the proposed addition.



Proposed Addition – Property Setback



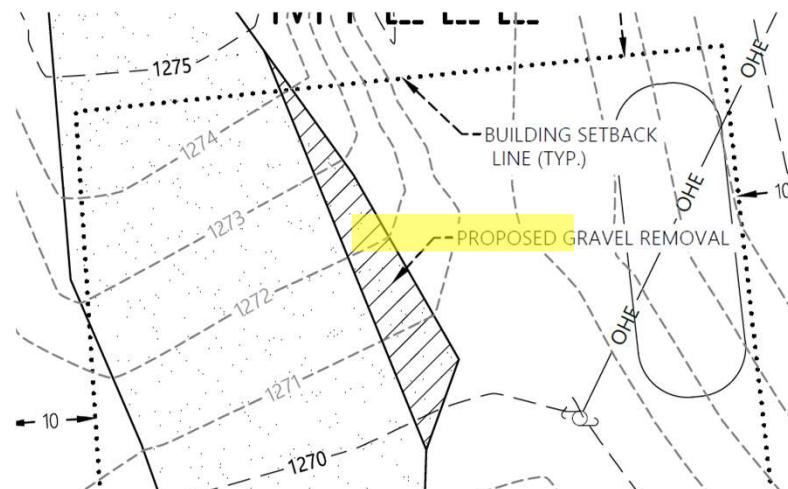
- From the Widseth Survey the current structure is at 8.2' setback from the east property line.
- The east property line converges with the eastside of the structure so the proposed most NE corner would be now at a 7.1' setback. Encroaching just an additional 13%.

Proposed Addition – Impervious Surfaces

EXISTING CONDITIONS	
DESCRIPTION	AREA [SQ-FT]
BUILDINGS	2,065
CONCRETE AND RETAINING WALLS	680
DECKS	311
DRIVEWAY	2,756
IMPERVIOUS TOTAL	5,812
PROPERTY	23,430
IMPERVIOUS PERCENTAGE	24.8%

PROPOSED CONDITIONS	
DESCRIPTION	AREA [SQ-FT]
BUILDINGS	2,299
CONCRETE AND RETAINING WALLS	680
DECKS	311
DRIVEWAY	2,756
IMPERVIOUS TOTAL	6,046
PROPERTY	23,430
IMPERVIOUS PERCENTAGE	25.8%
DRIVEWAY REDUCTION (GRAVEL REMOVED)	-193
IMPERVIOUS PERCENTAGE	24.98%

- The table on the left is an itemized list from the Widseth Survey indicating the current impervious percentage(24.8%) and with the proposed conditions(25.8%).
- If the 0.8% over is not acceptable the driveway will be reduced by removal of gravel(193 sq-ft) as shown in the survey screen shot below in order achieve the targeted 25% or less.



Summary

- We love the area, specifically our lot having owed it for nearly thirteen years, homesteading for the last handful of years.
- Approval of the proposed addition would dramatically improve our bedroom space for both my wife and myself with the granddaughter occupying the only other bedroom.
- Having a full bathroom upstairs with the potential of a second bathroom in the basement would not only help the granddaughter get ready for school but no more having to navigate the stairs for bathing purposes.

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

<input type="checkbox"/> Ordinary High Water Level (OHWL)	Proposed Setback _____ 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
 2nd Story Level

Existing Structure Height 18.5 ft.

Existing # of Bedrooms 2

Existing Building Coverage 4.3 %

Existing Total Impervious Surface Coverage 24.8 %

Proposed Addition(s)

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

Proposed Addition(s) Height 12.5 ft.

Final # of bedrooms after remodel 2

Proposed Building Coverage 5.3 %

Proposed Total Impervious Surface Coverage 24.98 %

“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):

One Story Level = 234 [sq-ft]
Basement Level = 85.9 [sq-ft]
Crawl Space = 148.1 [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 Alteration Type _____

<input type="checkbox"/> Ordinary High Water Level (OHWL)	Existing Setback _____ ft.	Proposed Setback _____ ft.
<input checked="" type="checkbox"/> Property Line	Existing Setback <u>8.2</u> ft.	Proposed Setback <u>7.1</u> ft.
<input type="checkbox"/> Road Right-of way __ Twp __ Co. __ State	Existing Setback _____ ft.	Proposed Setback _____ ft.
<input type="checkbox"/> Bluff	Existing Setback _____ ft.	Proposed Setback _____ ft.
<input type="checkbox"/> 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.

<input type="checkbox"/> Ordinary High Water Level (OHWL)	Proposed Setback _____ 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 4 – Land Alteration

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

<input type="checkbox"/> More than 10 cubic yards on steep slopes and shore and bluff impact zones.	Total Cubic Yds. _____
<input type="checkbox"/> Other: _____	Total Cubic Yds. _____

Section 5 – Creating Nonconforming Lot(s)

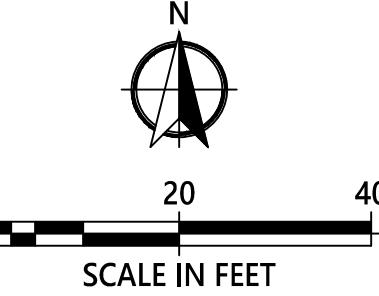
Check the item(s) from which you are requesting a variance and fill in the proposed dimensions.

<input type="checkbox"/> Property Width	Proposed Property Width _____
<input type="checkbox"/> Property Area	Proposed Property Area _____
<input type="checkbox"/> (2) Standard Septic Sites	
<input type="checkbox"/> Legal Access	

NORTH

CERTIFICATE OF SURVEY

LOT 9, BLOCK 3,
NORTH SHORE MILLE LACS LAKE,
SECTION 5, TOWNSHIP 44, RANGE 27,
AITKIN COUNTY, MINNESOTA

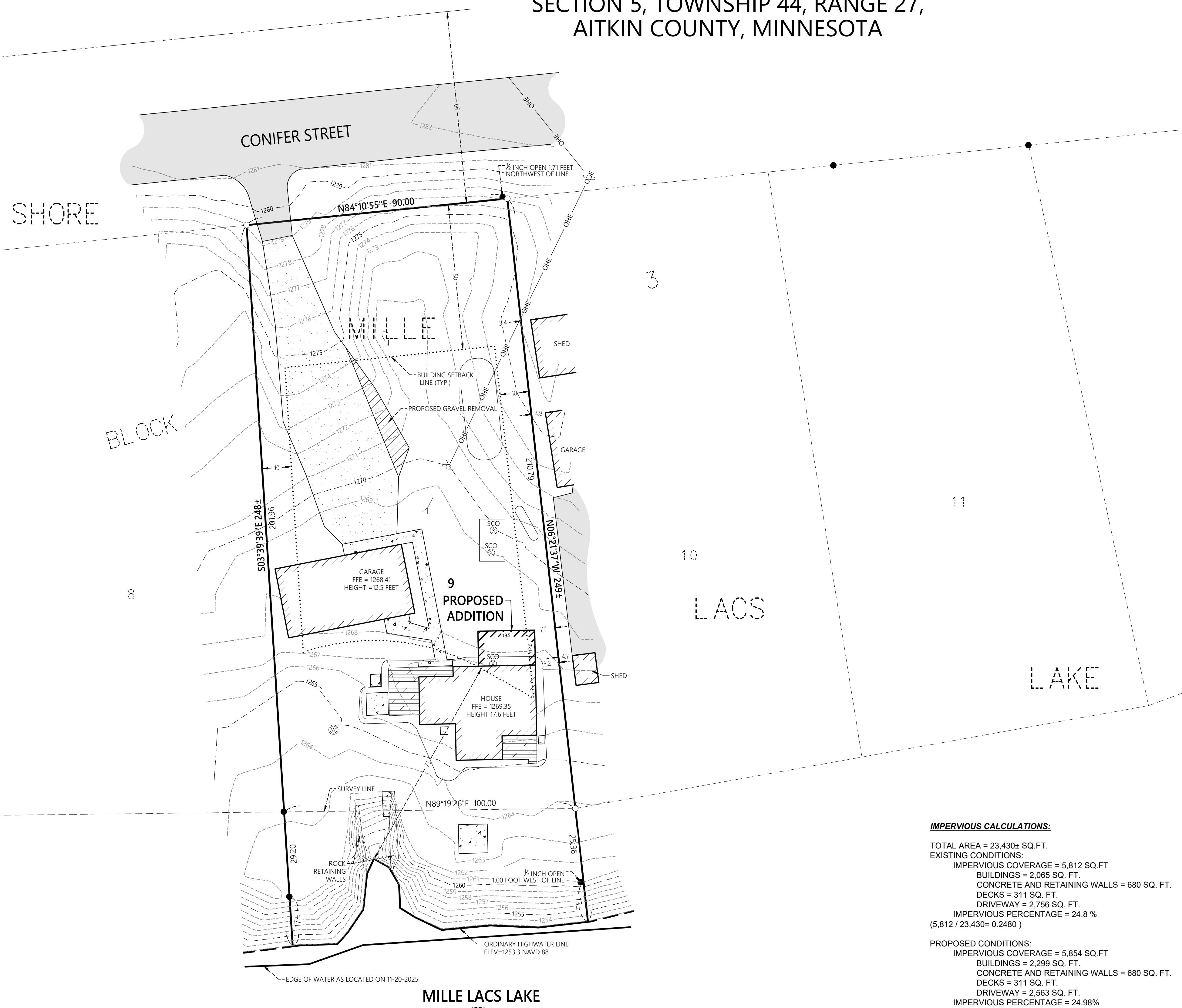


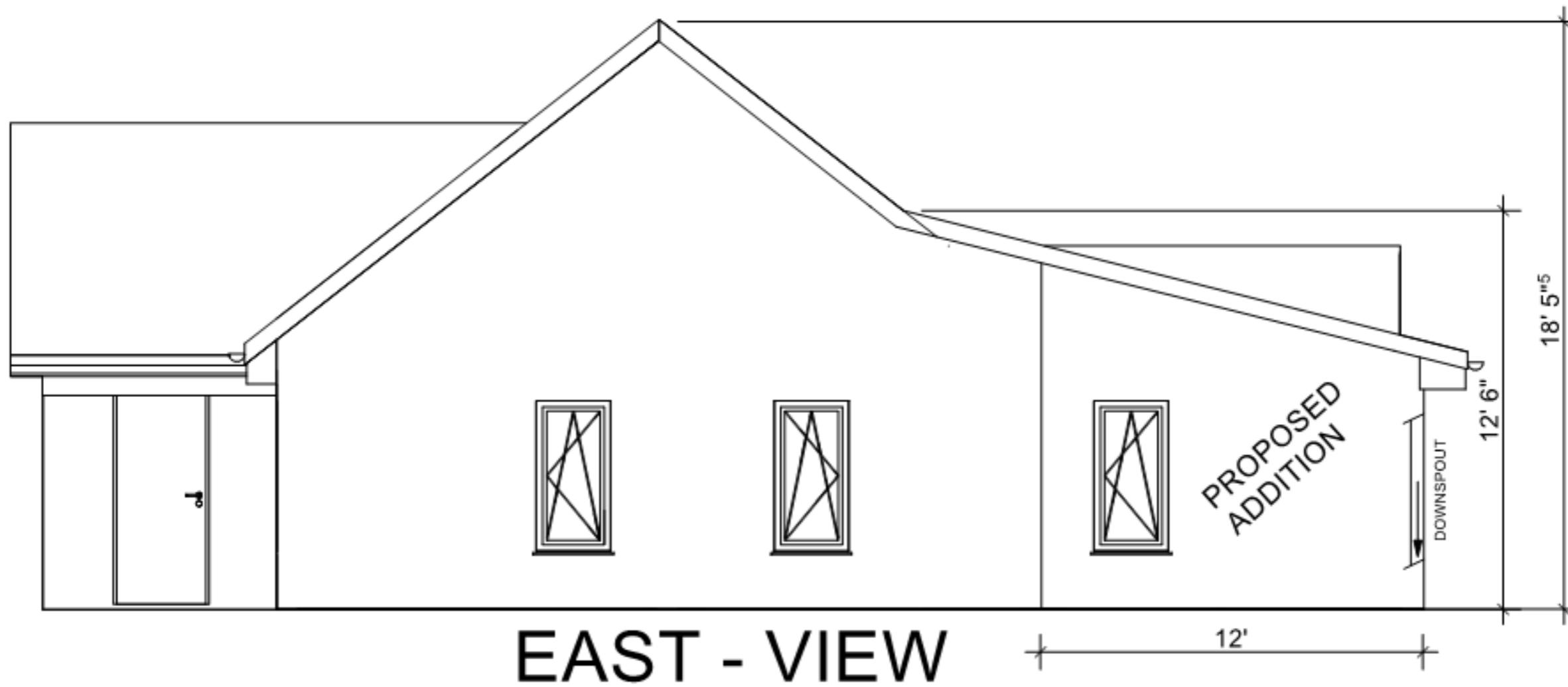
ORIENTATION OF THIS BEARING SYSTEM IS
BASED ON THE AITKIN COUNTY
COORDINATE DATABASE; NAD83

ELEVATIONS ARE BASED ON THE NORTH
AMERICAN VERTICAL DATUM OF 1988
NAVD 88

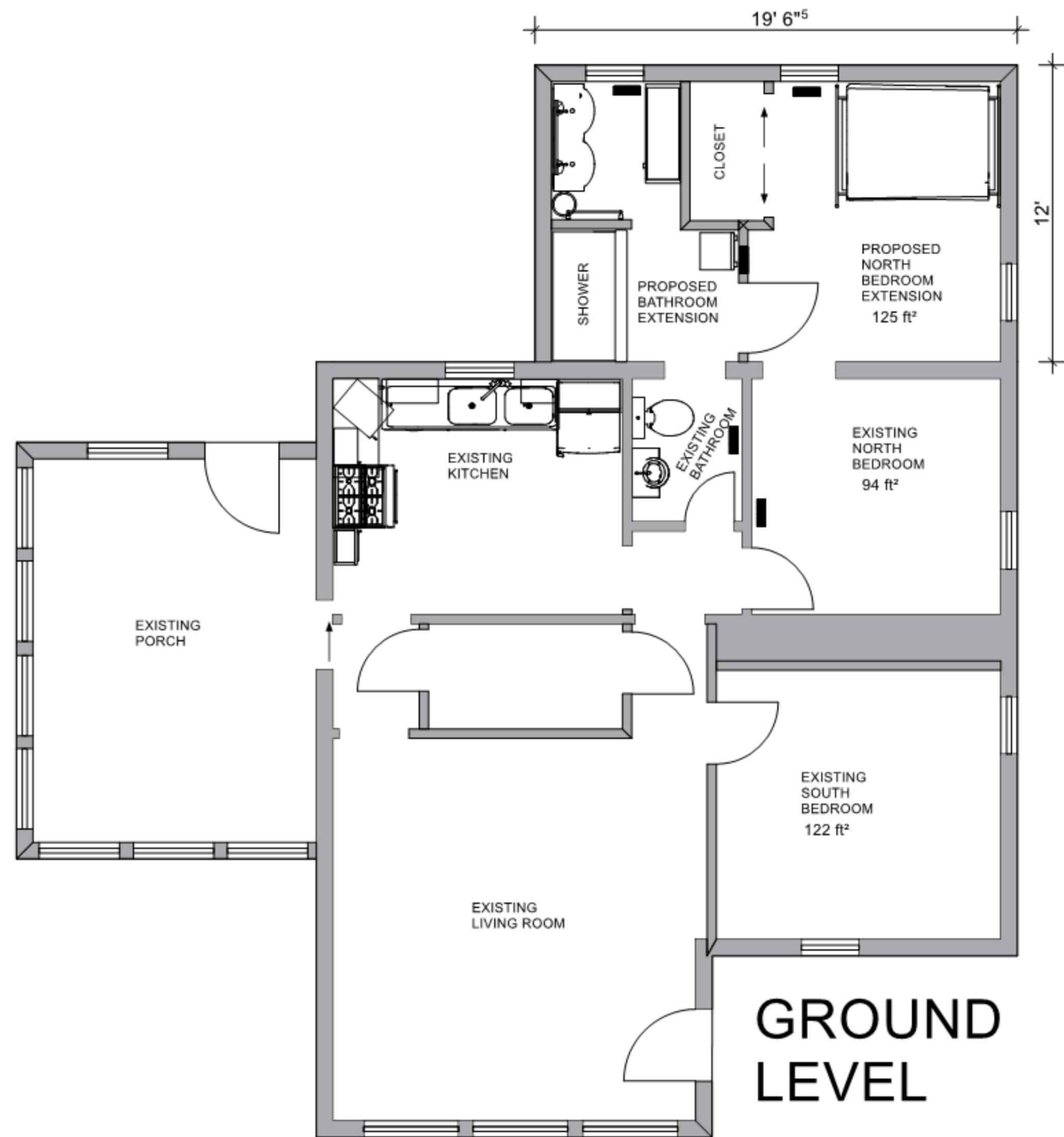
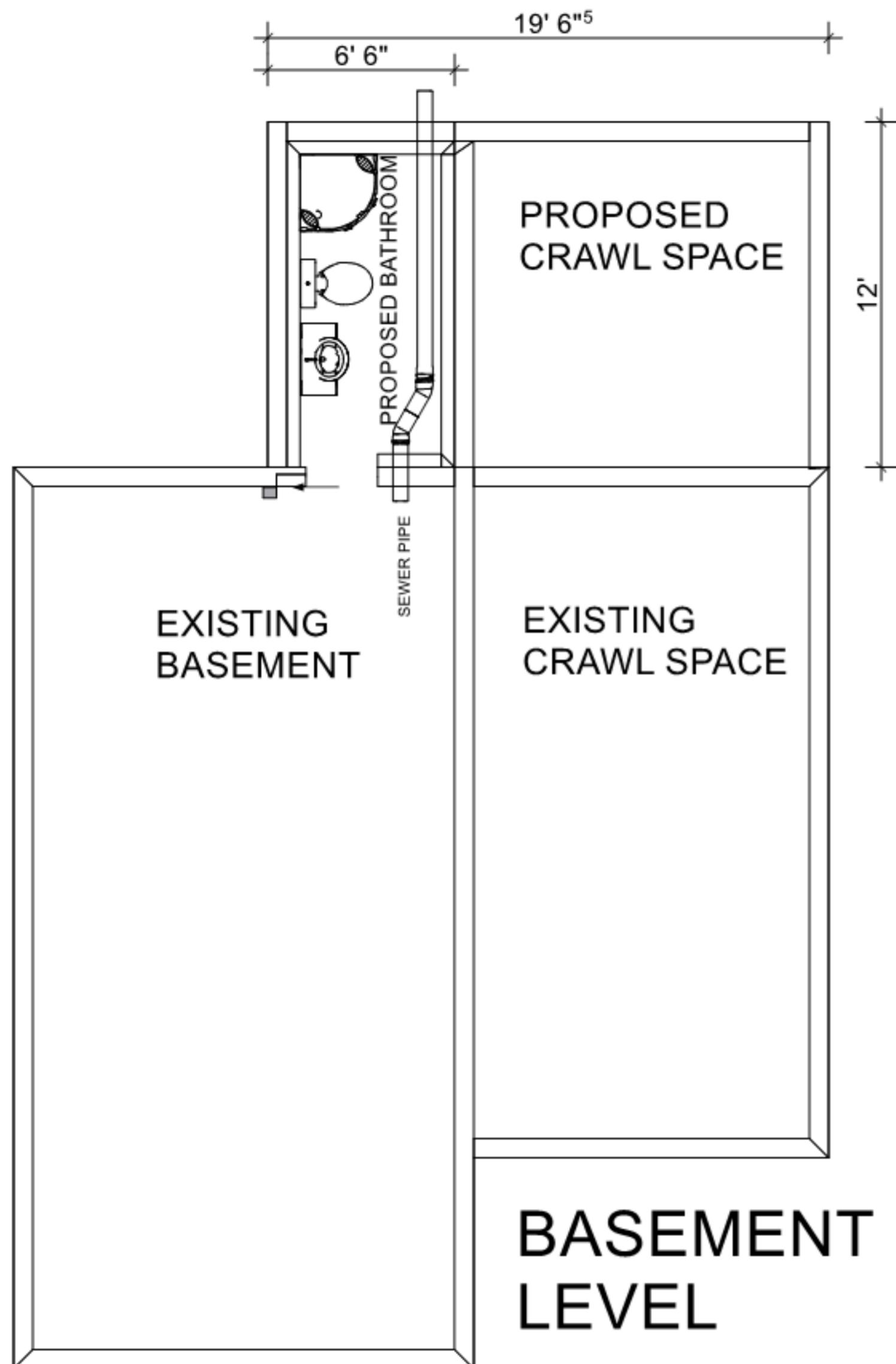
LEGEND

- DENOTES FOUND IRON MONUMENT
- DENOTES 1/2 INCH DIAMETER BY 18 INCH LONG IRON PIPE SET AND MARKED BY RLS #41643
- PROPANE TANK
- SCO SANITARY CLEANOUT
- WATER WELL
- OHE OVERHEAD ELECTRIC LINE
- ELECTRIC POLE
- GUY WIRE ANCHOR
- BITUMINOUS SURFACE
- CONCRETE SURFACE
- GRAVEL SURFACE
- DECK

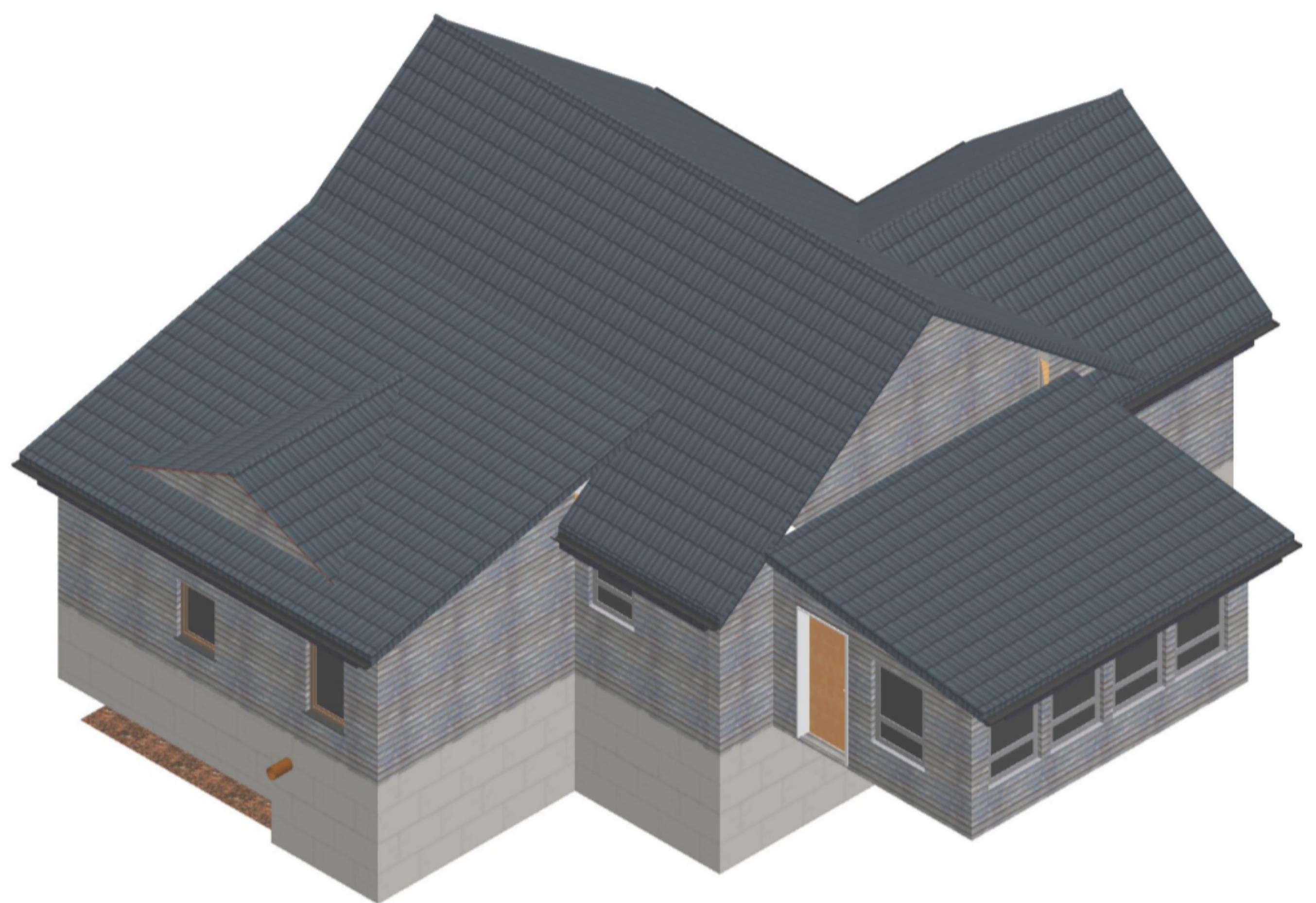




TITLE	PROPOSED ADDITION - SIDE VIEW
DATE	02/06/2026
Property ID#	11-0-001000
BY	C. SMYTHE



TITLE	PROPOSED ADDITION - FLOOR PLAN(S)
DATE	02/06/2026
Property ID#	11-0-001000
BY	C. SMYTHE



TITLE	PROPOSED ADDITION - ISO-VIEWS
DATE	02/06/2026
Property ID#	11-0-001000
BY	C. SMYTHE



TIMBER LAKES

SEPTIC SERVICES INC.

Septic System Compliance Inspection – Existing System

Date: 8/4/25

Property Owner: Craig Smythe

Ordered By: Craig

Address: 44373 Conifer st Aitkin mn 56431

Property ID: 11-0-001000

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 septic/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.

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.

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 7/31/2025
(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: _____

Describe verification methods and results:

Property Address: 44373 Conifer ST Aitkin mn 56431

Business Name: Timberlakes

Date: 8/4/2025

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 not in conformance 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 ground water

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)

5. Soil separation – Compliance component #5 of 5

Date of installation Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Attached supporting documentation:

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

Compliance criteria (select one):

<p>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:</p> <p>Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<input type="checkbox"/>
<p>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:</p> <p>Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/>
<p>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)</p> <p>Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<input type="checkbox"/>

Indicate depths or elevations

A. Bottom of distribution media	<input type="checkbox"/>
B. Periodically saturated soil/bedrock	<input type="checkbox"/>
C. System separation	<input type="checkbox"/>
D. Required compliance separation*	<input type="checkbox"/>

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

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

Describe verification methods and results:

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.

Sewage tank integrity assessment form

Subsurface Sewage Treatment Systems (SSTS) Program

 Doc Type: *Compliance and Enforcement*

Purpose: This form may be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at: <https://www.pca.state.mn.us/water/inspections>.

Instructions: This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: Compliance inspection form - Existing system (wq-wwists4-31b). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/inspections>.

The information and certified statement on this form is required when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4(B)(1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4(B),(C), and (D) and; Minn. R. 7083.0730(C).

Owner information

 Owner/Representative Smythe, Craig

 Property address: 44373 Conifer St Aitkin, MN 56431

 Local Regulatory Authority: Aitkin County

 Parcel ID: 11-0-001000

System status

 System status on date (mm/dd/yyyy): 7/31/2025
 Certificate of sewage tank compliance
 Notice of sewage tank non-compliance

Compliance criteria:

The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect Groundwater."

 Yes* No

The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."

 Yes* No

The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to Public Health or Safety."

 Yes* No

Any "yes" answer above indicates sewage tank non-compliance.

Company information

 Company name: Timber Lakes Septic Service Inc

 Business license number: L455

Designated Certified Individual (DCI) information

 Print name: Dan Swanson

 Certification number: C6023

I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS inspection, maintenance, installation, or service provider Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS.

By typing/signing 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.

 Designated Certified Individual's signature: Dan Swanson
(This document has been electronically signed.)

 Date (mm/dd/yyyy): 7/31/2025

SKETCH SHEET AND SOIL BORING LOG

INSPECTOR: Tim Woodrow

DATE: 8/19/2020

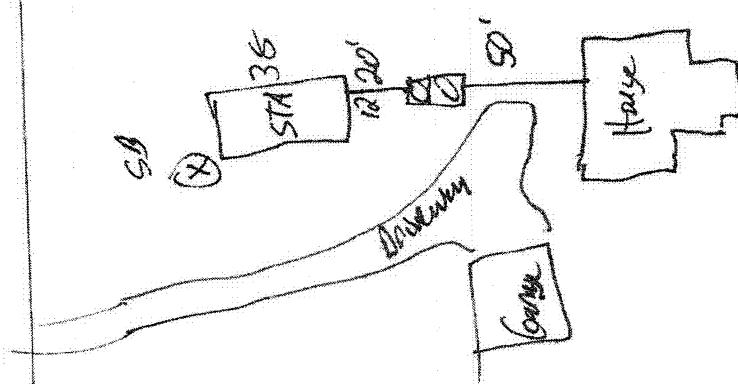
PID#: 35 -0 - 045501

SITE ADDRESS: 44373 Conifer St., Aitkin, MN 56431

Benchmark (EL = 100'): Bottom of Rock in STA

Equipment: Bucket Auger
Elevation of Limiting Layer: 97.4
Vegetation: Mowed Grass

North



SOIL BORING #1		EL: 101.6'	COLOR
DEPTH	TEXTURE		
0 - 14"	Top Soil		10 YR 3/2
14" - 24"	Sand / Fine		10 YR 3/2
24" - 30"	Sandy/Loam		10 YR 4/3
30" - 40"	Sandy/Loam		10 YR 5/4
40" - 54"	Sand / Medium		7.5 YR 5/4
	Redox @ 52" EL 97.4		

11-0-001000

Grace Berndt

44373 Conifer Str.

Aitkin Minnesota

56431

RWN as Lot 9 Blk 3

N Shore

5 44 27

conifer Str.

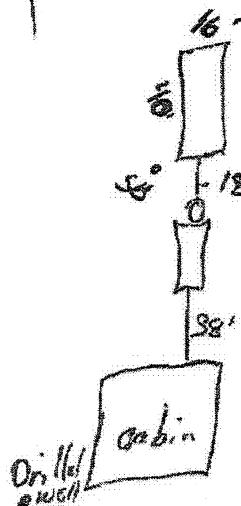
Hazelton Twp.



SB
4" Topsoil 10ft 3 1/3
Soil 10ft 4 1/4

16"
Soil 10ft 5 1/6

60"



lake

Bob Bartel R3181
B.T Services 2088
Bob Bartel 51-13

4-4

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: GDL
- 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: 45'
- 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: 60

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		
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	3.33	10.000
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) 60 + Mitigation Totals (Lines A-I) 30+20 = 110

*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

Craig R. Smythe

Applicant

Board of Adjustment Chairperson

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. Tarp soil piles

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: Prior to Sept

- 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 _____ Property ID #11-0-0010000

Builder _____ Owner Craig R. Smythe

Worksheet Completed By Craig R. Smythe Date 2/3/2026

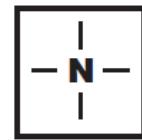
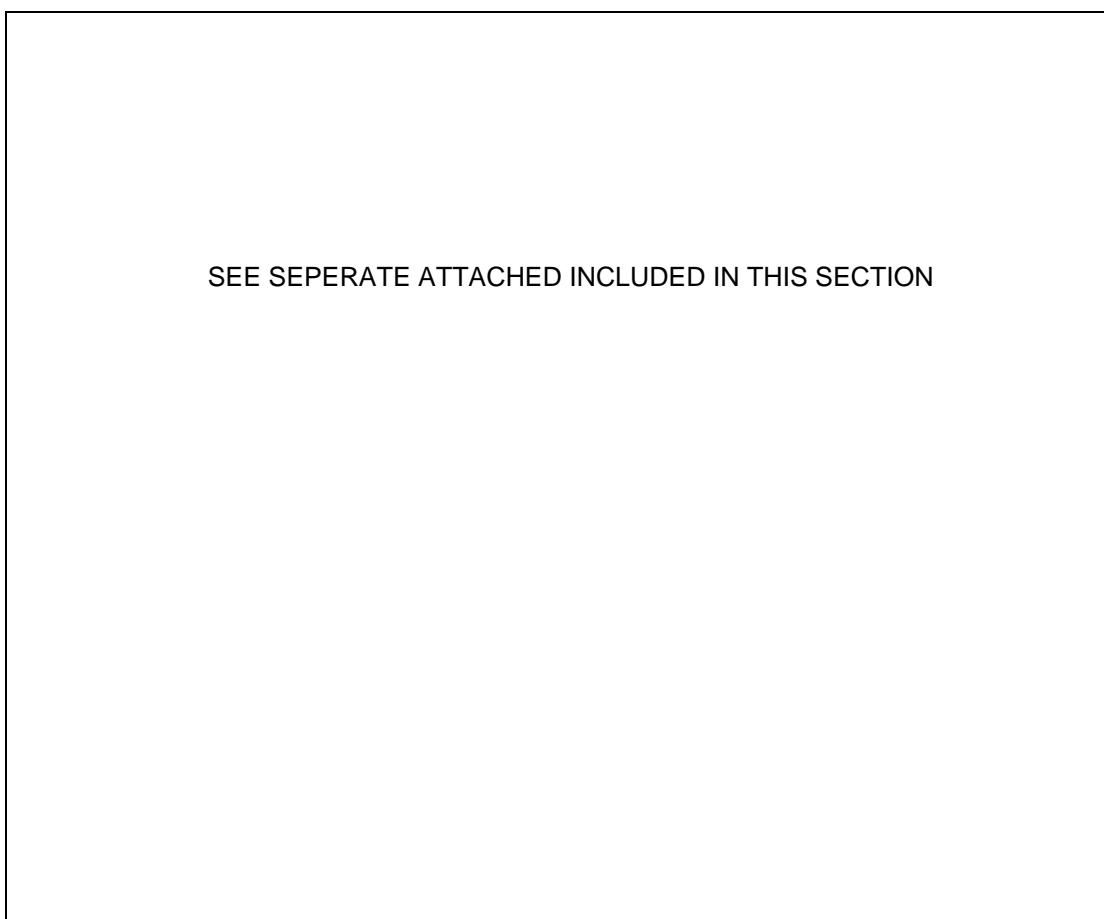
Amount of earthen material to be excavated and/or used for fill 42 cubic yards.

Crawl Space: 22

SITE DIAGRAM

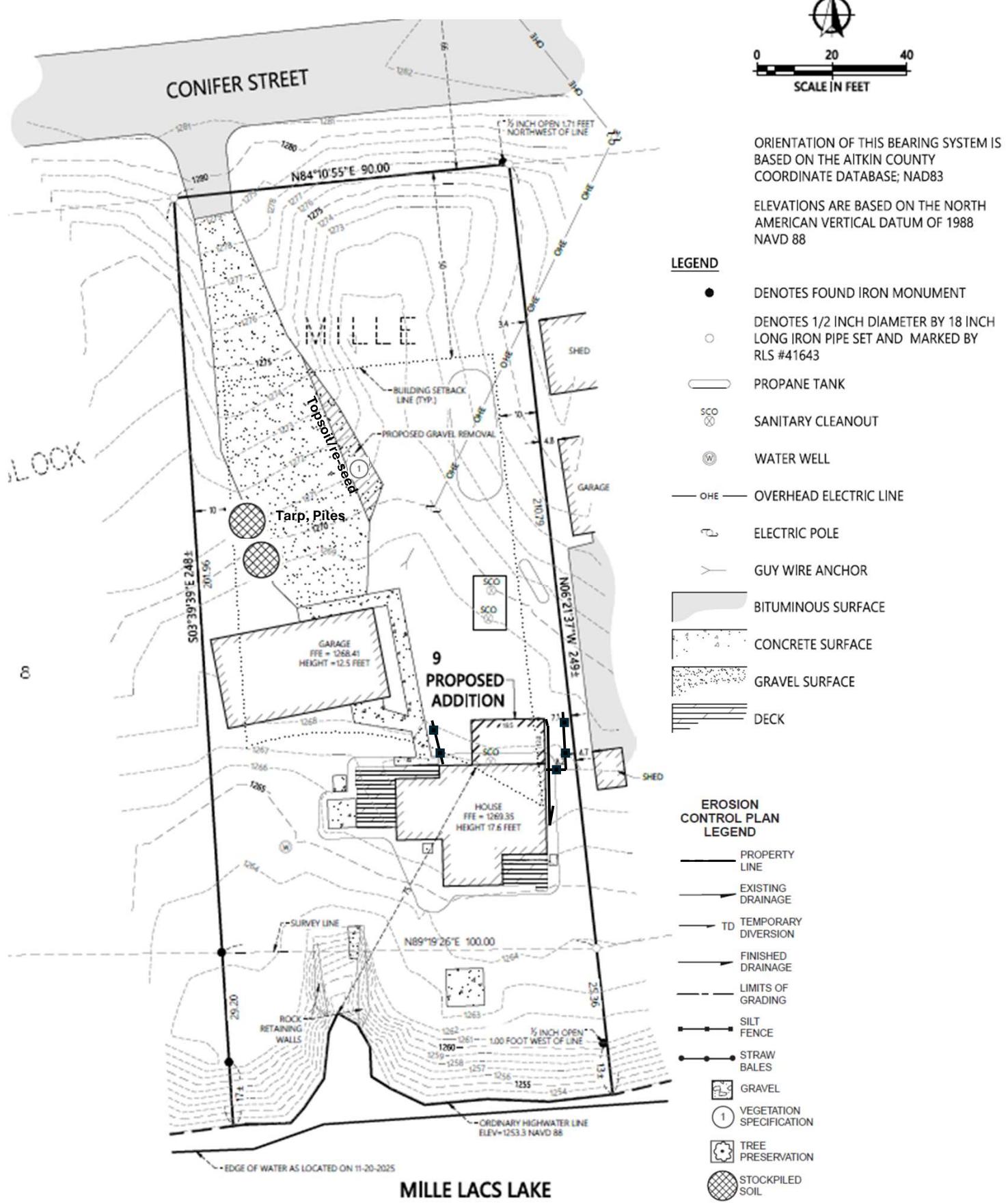
Scale 1 inch = _____ feet

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
- VEGETATION SPECIFICATION
- TREE PRESERVATION
- STOCKPILED SOIL



417533 FILED MAY 21 '13 9A M Diane M. Lafferty, County Recorder

AITKIN COUNTY DEED TAX
No. 4760 Date 5-21-2013
577.50 Dollars Paid
Tom Givens
County Treasurer
By Julie Hughes Deputy

NO DELINQUENT TAXES
AND TRANSFER ENTERED

This 21 Day May 2013

Kirk Deyar
County Auditor
Elizabeth Harmon
Deputy

CERTIFICATE OF REAL ESTATE
VALUE () FILED () NOT
REQUIRED CERTIFICATE OF REAL
ESTATE VALUE NO. 41058

WARRANTY DEED

Individual(s) to Joint Tenants

DEED TAX DUE: \$577.50

DATE: May 16, 2013

FOR VALUABLE CONSIDERATION, George A. Berndt and Katherine E. Berndt, Husband and Wife, William Berndt and Susan M. Berndt, Husband and Wife, Paul R. Berndt, Single and Bonita Crow and Richard F. Crow, Wife and Husband ("Grantor"), hereby conveys and warrants to Craig R. Smythe and Diane M. Smythe, Husband and Wife ("Grantee"), as joint tenants, real property in AITKIN County, Minnesota, legally described as follows:

→ All that certain tract in Government Lot Two (2) of Section Five (5), Township Forty-four (44), Range Twenty-seven (27), formerly known as Lot Nine (9), Block Three (3) of "North Shore Mille Lacs Lake", said tract lying in the vacated portion of said plat of "North Shore Mille Lacs Lake", Aitkin County, Minnesota.

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: Covenants, conditions, restrictions, declarations and easements of record, if any; Reservations of minerals or mineral rights by the State of Minnesota, if any; and, Building, zoning and subdivision laws and regulations.

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

George A. Berndt
George A. Berndt and Katherine E. Berndt

William J. Berndt
William Berndt and Susan M. Berndt

Paul R. Berndt
Paul R. Berndt

Bonita Crow Richard F. Crow
Bonita Crow and Richard F. Crow

State of Minnesota, County of **Kanabec**

This instrument was acknowledged before me on May 16, 2013, by **George A. Berndt, Husband of Katherine E. Berndt, ** See Attached Certificate of Acknowledgement for Katherine E. Berndt; William Berndt, Husband of and Susan M. Berndt ** See Attached Certificate of Acknowledgement for Susan M. Berndt; Paul R. Berndt, Single and Bonita Crow and Richard F. Crow, Wife and Husband.**

(Stamp)



Jozie D. Hardy
(signature of notarial officer)

Title (and Rank): *Notary Public*

My commission expires: *1-31-16*
(month/day/year)

THIS INSTRUMENT WAS DRAFTED BY:
East Central Title, LLC
820 Howe Avenue, Suite 102
Mora Minnesota 55051
jdh/13-03-27

TAX STATEMENTS FOR THE REAL PROPERTY
DESCRIBED IN THIS INSTRUMENT SHOULD BE
SENT TO:
Craig R. Smythe and Diane M. Smythe
471 Andall Street
Lino Lakes, MN 55014

Susan M. Berndt

Susan M. Berndt

State of Minnesota }
} ss.
County of Minneapolis }

The foregoing instrument was acknowledged before me this 15th of May ²⁰¹³ by Susan M. Berndt, wife of William Berndt.

Witness my hand and official seal.
My commission expires:



Notary Public



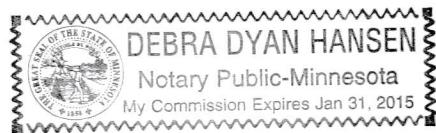
Katherine E. Berndt
Katherine E. Berndt

State of Minnesota }
County of Anoka }ss.

The foregoing instrument was acknowledged before me this 14 May 2015 by Katherine E. Berndt, wife of George A. Berndt.

Witness my hand and official seal.

My commission expires: Jan 31, 2015



Debra Dyan Hansen

Notary Public

246.8
P.O. Box 203
Dale, MN 55051

246.8
P.O. Box 203
Dale, MN 55051

5-21-9

RECORDED *[Signature]*
TRACT INDEX *[Signature]*
GRANTOR *[Signature]*
GRANTEE *[Signature]*
COMPARED *[Signature]*

1 ②

OFFICE OF COUNTY RECORDER
ATKIN COUNTY, MN
<input checked="" type="checkbox"/> WELL CERTIFICATE RECEIVED
<input type="checkbox"/> WELL CERTIFICATE NOT REQUIRED

COUNTY RECORDER
ATKIN COUNTY, MINNESOTA
FILED

MAY 21 2013 9 AM

Debra Dyan Hansen
REC'D. NO. 417533