City Hall: 218-692-2688 Planning & Zoning: 218-692-2689 Fax: 218-692-2687



13888 Daggett Bay Rd Crosslake, Minnesota 56442 www.cityofcrosslake.org

CITY OF CROSSLAKE

PLANNING COMMISSION/BOARD OF ADJUSTMENT November 17, 2023 9:00 A.M.

Crosslake City Hall 13888 Daggett Bay Rd, Crosslake MN 56442 (218) 692-2689

PUBLIC HEARING NOTICE

Applicant: Robert W & Barbara J Eng

Authorized Agent: Wes Hanson Builders

Site Location: 37241 Twin Bay Dr, Crosslake, MN 56442 on Rush Lake - GD

Variance for:

- Lake setback of 40 feet where 75 feet is required to proposed dwelling
- Lake setback of 45 feet where 75 feet is required to proposed septic system
- Side yard setback of 5 feet where 10 feet is required to proposed septic system
- Dwelling setback of 17 feet where 20 feet is required to proposed septic drainfield

To construct:

- 1,169 square foot dwelling along with 257 square foot covered deck and steps
- A new septic system

Notification: Pursuant to Minnesota Statutes Chapter 462, and the City of Crosslake Zoning Ordinance, you are hereby notified of a public hearing before the City of Crosslake Planning Commission/Board of Adjustment. Property owners have been notified according to MN State Statute 462 & published in the local newspaper. Please share this notice with any of your neighbors who may not have been notified by mail.

Information: Copies of the application and all maps, diagrams or documents are available at Crosslake City Hall or by contacting the Crosslake Planning & Zoning staff at 218-692-2689. Please submit your comments in writing including your name and mailing address to Crosslake City Hall or (crosslakepz@crosslake.net).

STAFF REPORT



Property Owner/Applicant: Robert W & Barbara Eng

Parcel Number(s): 14070613, 14070614

Application Submitted: October 13, 2023

Action Deadline: December 11, 2023

City 60 Day Extension Letter sent / Deadline: NA / NA

Applicant Extension Received / Request: NA / NA

City Council Date: NA

Authorized Agent: Wes Hanson Builders

Variance for:

- Lake setback of 40 feet where 75 feet is required to proposed dwelling
- Lake setback of 45 feet where 75 feet is required to proposed septic system
- Side yard setback of 5 feet where 10 feet is required to proposed septic system
- Dwelling setback of 17 feet where 20 feet is required to proposed septic drainfield

To construct:

- 1,169 square foot dwelling along with 257 square foot covered deck and steps
- A new septic system

Current Zoning: Shoreland District

Existing Impervious Coverage:

Proposed Impervious Coverage: 18.9%

16.1%

- A stormwater management plan was submitted with the variance application
- Compliant septic compliance inspection on file dated
- Septic design was submitted with the application for approval pending variance outcome

Parcel History:

- Anderson's Twin Bay Shores Plat established in 1967
- October 1991 Variance of 5 foot from cabin and guest cabin
- November 1991 29x29 Basement under existing home
- April 1992 Update septic
- March 1993 24x26 Garage
- January 2004 Replace roof change in pitch, no increase in living area
- September 2006 Reconstruct existing 280 sq ft guest home
- July 2011 Removal of 6 trees
- June 2016 Walkway, water-oriented accessory structure (WOAS), and dirt moving
- June 2020 variance approved for addition; deck; steps; septic

<u>Agencies Notified and Responses Received:</u> County Highway Dept: N/A DNR: No comment received before packet cutoff date City Engineer: N/A Lake Association: No comment received before packet cutoff date Crosslake Public Works: No comment received before packet cutoff date Crosslake Park, Recreation & Library: N/A Concerned Parties: Comment(s) received

POSSIBLE MOTION:

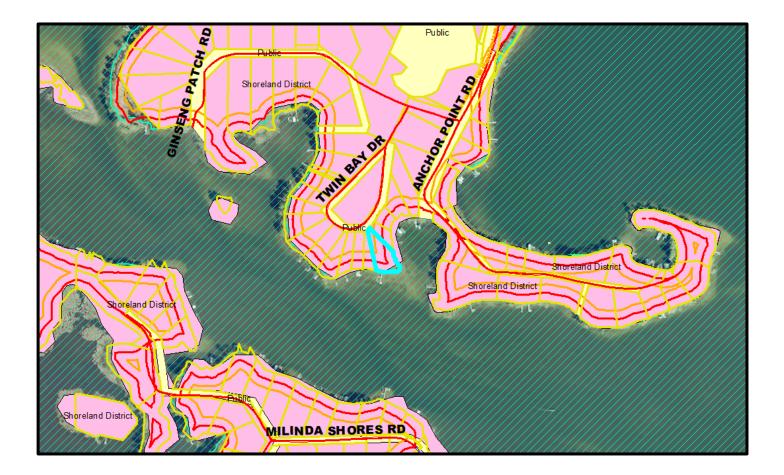
To approve/table/deny the variance to allow:

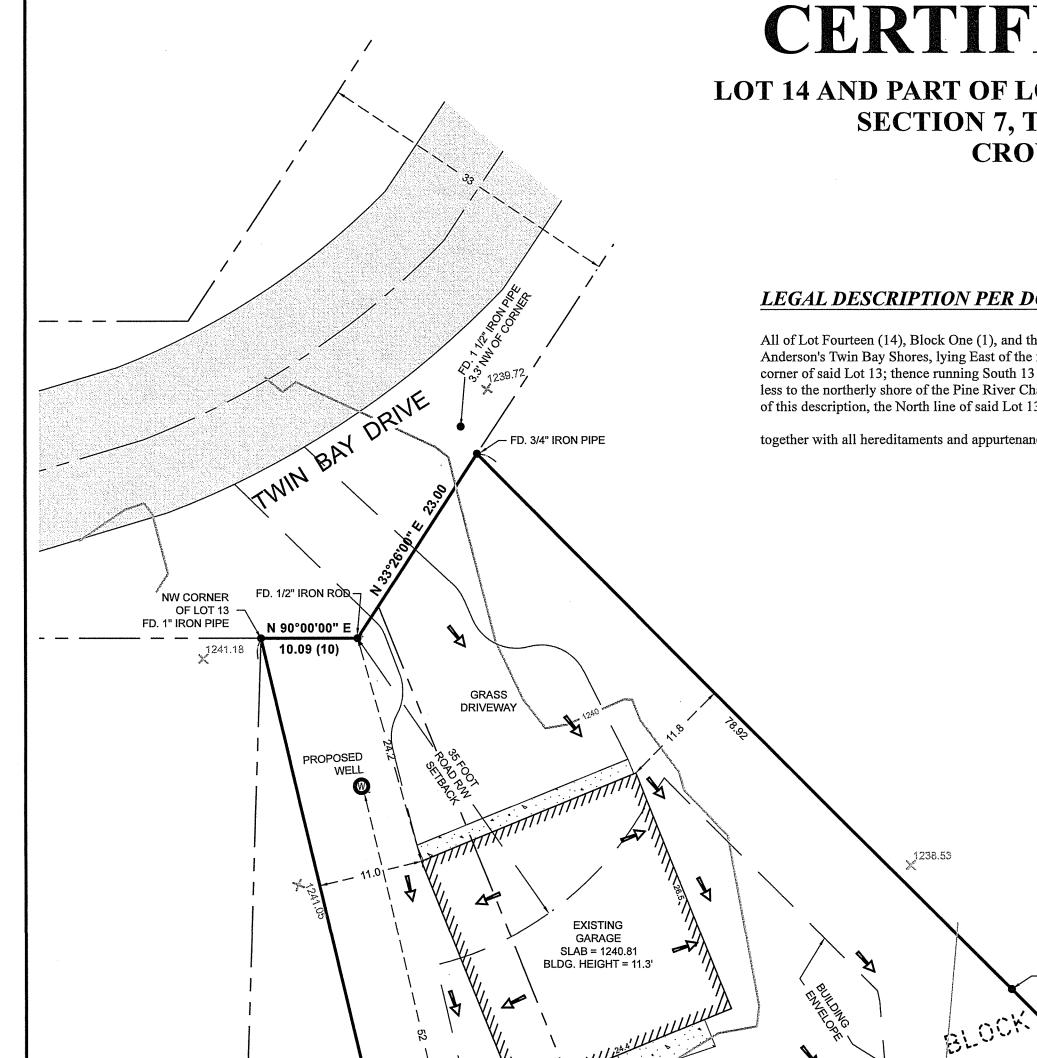
- Lake setback of 40 feet where 75 feet is required to proposed dwelling
- Lake setback of 45 feet where 75 feet is required to proposed septic system
- Side yard setback of 5 feet where 10 feet is required to proposed septic system
- Dwelling setback of 17 feet where 20 feet is required to proposed septic drainfield

To construct:

- 1,169 square foot dwelling along with 257 square foot covered deck and steps
- A new septic system

As shown on the certificate of survey dated 10-19-2023





CERTIFICATE OF SURVEY

LOT 14 AND PART OF LOT 13, BLOCK 1, ANDERSON'S TWIN BAY SHORES, SECTION 7, TOWNSHIP 137 NORTH, RANGE 27 WEST, **CROW WING COUNTY, MINNESOTA**

LEGAL DESCRIPTION PER DOCUMENT NUMBER A-847434

All of Lot Fourteen (14), Block One (1), and that part of Lot Thirteen (13), Block One (1), Anderson's Twin Bay Shores, lying East of the following described line: Beginning at the northwest corner of said Lot 13; thence running South 13 degrees 23 minutes 20 seconds East 174 feet more or less to the northerly shore of the Pine River Channel overflow and there terminating. For the purpose of this description, the North line of said Lot 13 is considered to be due East and West line.

FD. 1/2" IRON PIPE

together with all hereditaments and appurtenances belonging thereto.

IMPERVIOUS CALCULATIONS				
	IMPERVIOUS	Net Area (sq.ft)	Percent	
EXISTING	AREA		Impervious	
	(sq.ft.)	(09.11)	(sq.ft)	
House	799	18,790	4.3%	
Guest Cabin	292	18,790	1.6%	
Garage	647	18,790	3.4%	
Grass Driveway	434	18,790	2.3%	
Pavers & Concrete	856	18,790	4.6%	
Total	3,028	18,790	16.1%	

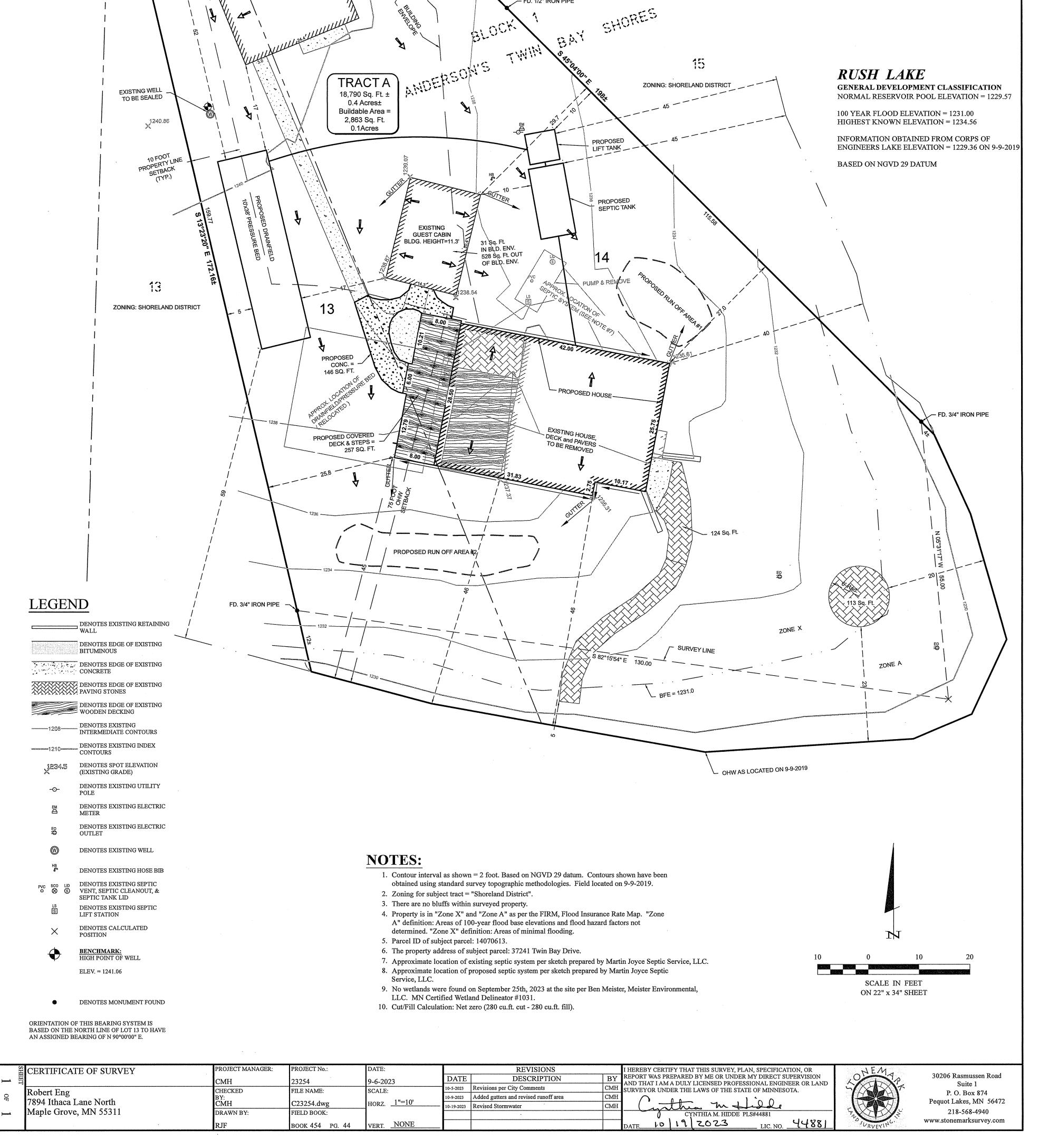
IMPERVIOUS CALCULATIONS				
PROPOSED	IMPERVIOUS AREA (sq.ft.)	Net Area (sq.ft)	Percent Impervious (sq.ft)	
Proposed House	1,169	18,790	6.2%	
Guest Cabin	292	18,790	1.6%	
Garage	647	18,790	3.4%	
Grass Driveway	434	18,790	2.3%	
Proposed Covered Deck	257	18,790	1.4%	
Exist. & Proposed Conc. & Pavers	750	18,790	4.0%	
Total	3,549	18,790	18.9%	

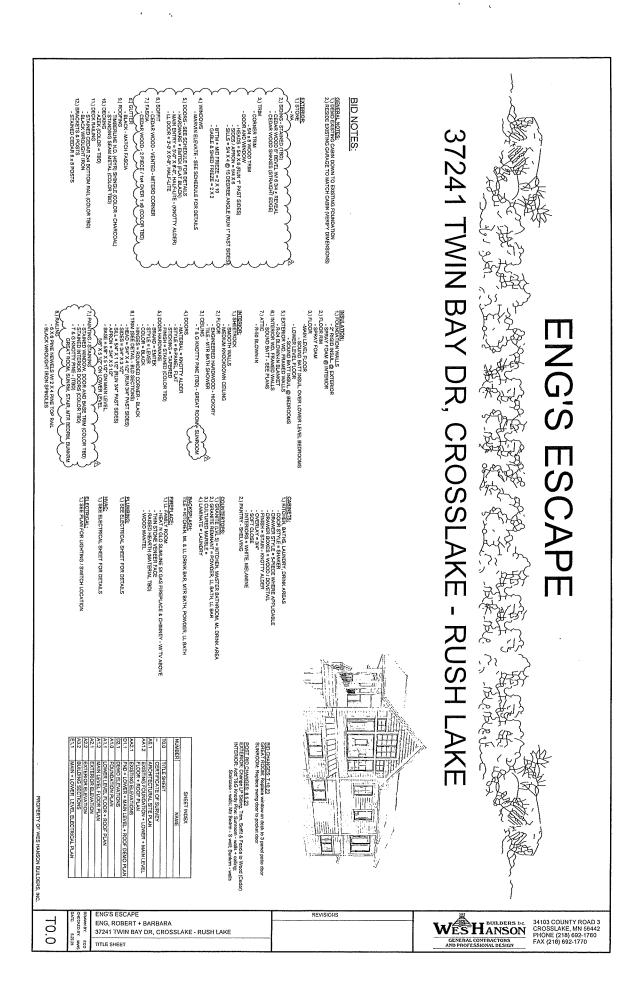
RUN OFF CALCULATIONS					
Total Impervious Surface Area (from table above)	3,549 sq. ft.	х	0.0833 ft.	=	296 cu. ft.

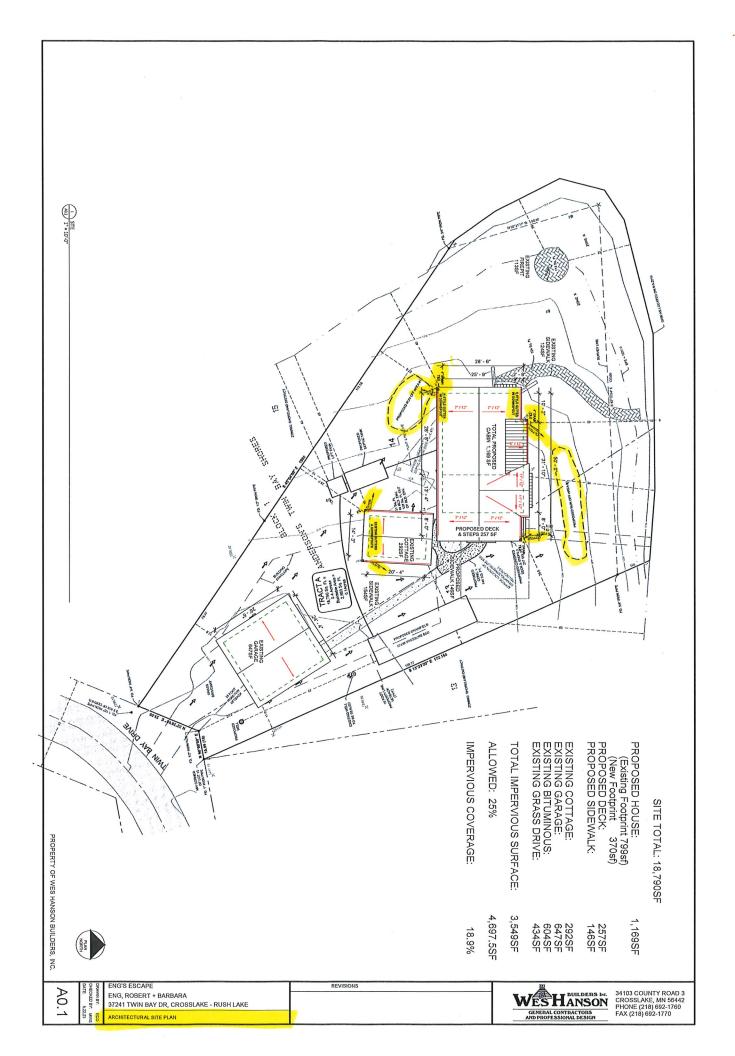
PROPOSED RUN OFF AREAS

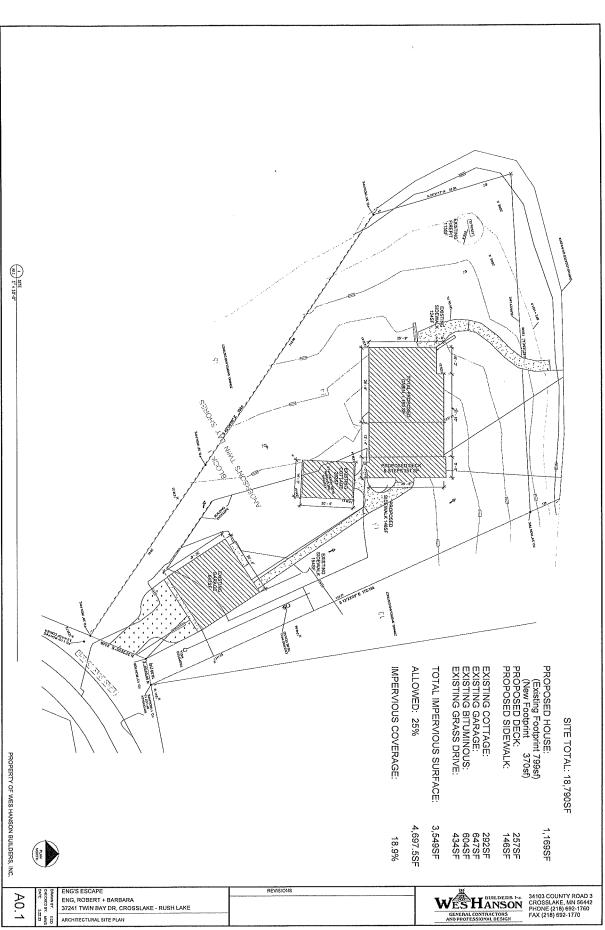
TOP SURFACE AREA #1 = 215 SQ. FT. BOTTOM SURFACE AREA = 85 SQ. FT. 1' DEEP WITH 3:1 SIDE SLOPES TOTAL RUN OFF STORAGE PROPOSED = 150 CU. FT.

TOP SURFACE AREA #2 = 265 SQ. FT. BOTTOM SURFACE AREA = 46 SQ. FT. 1' DEEP WITH 3:1 SIDE SLOPES TOTAL RUN OFF STORAGE PROPOSED = 155 CU. FT.

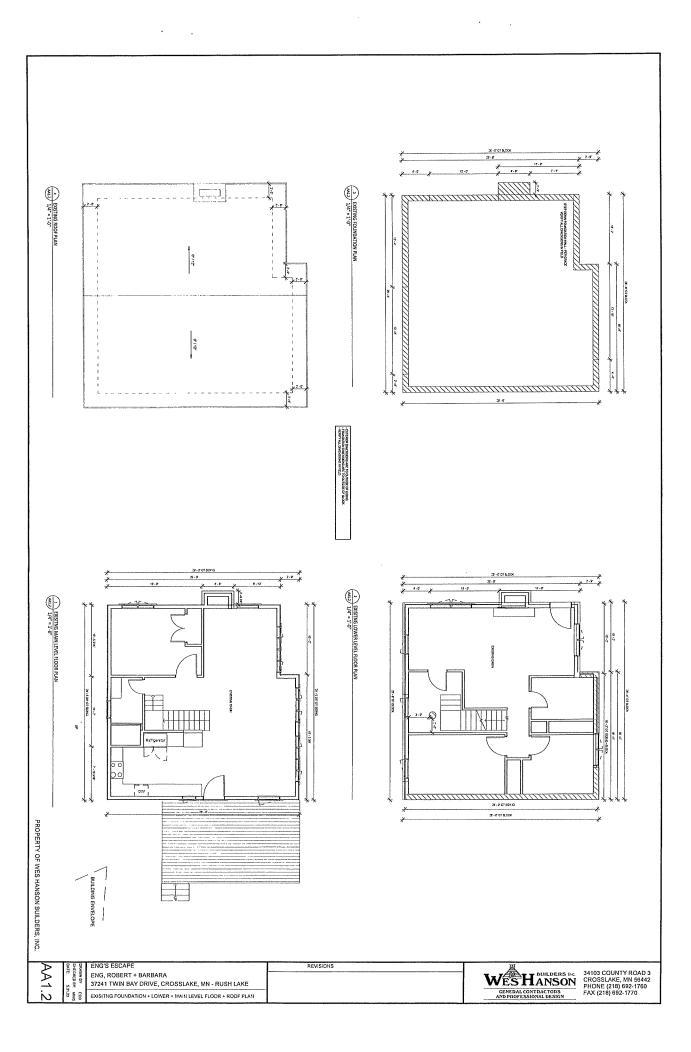


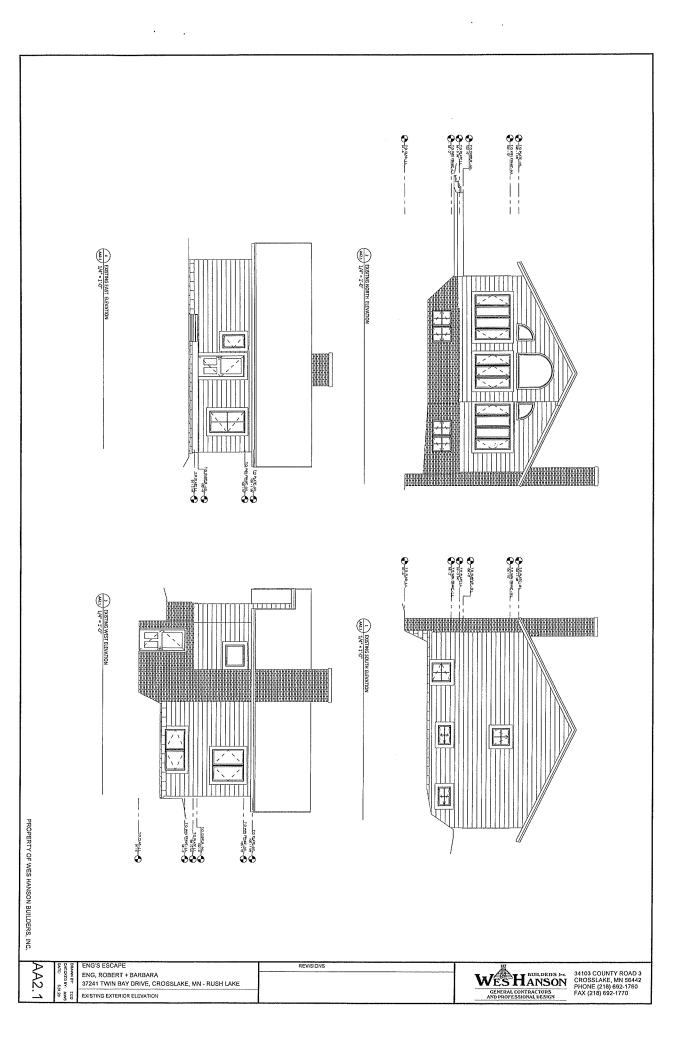


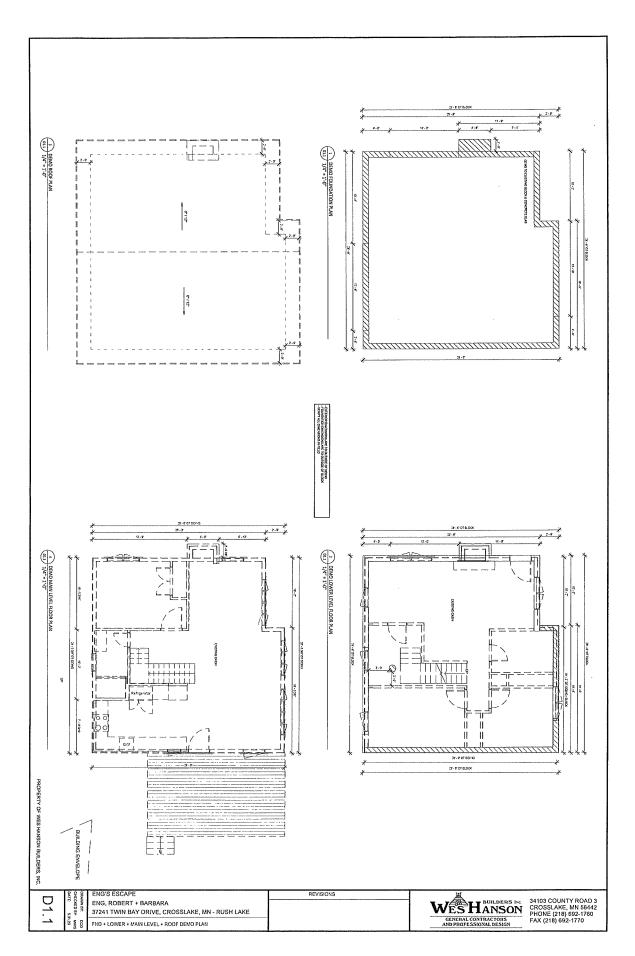




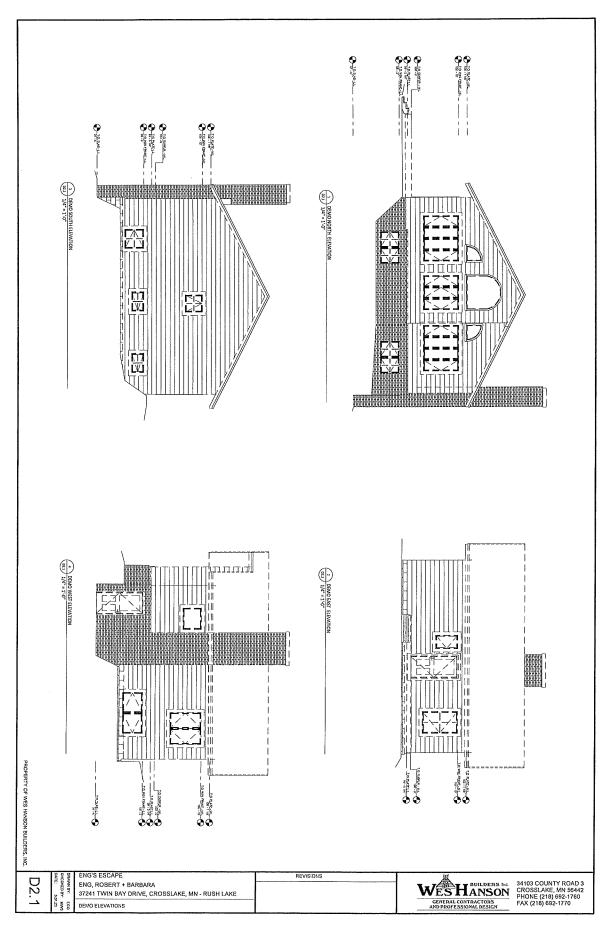
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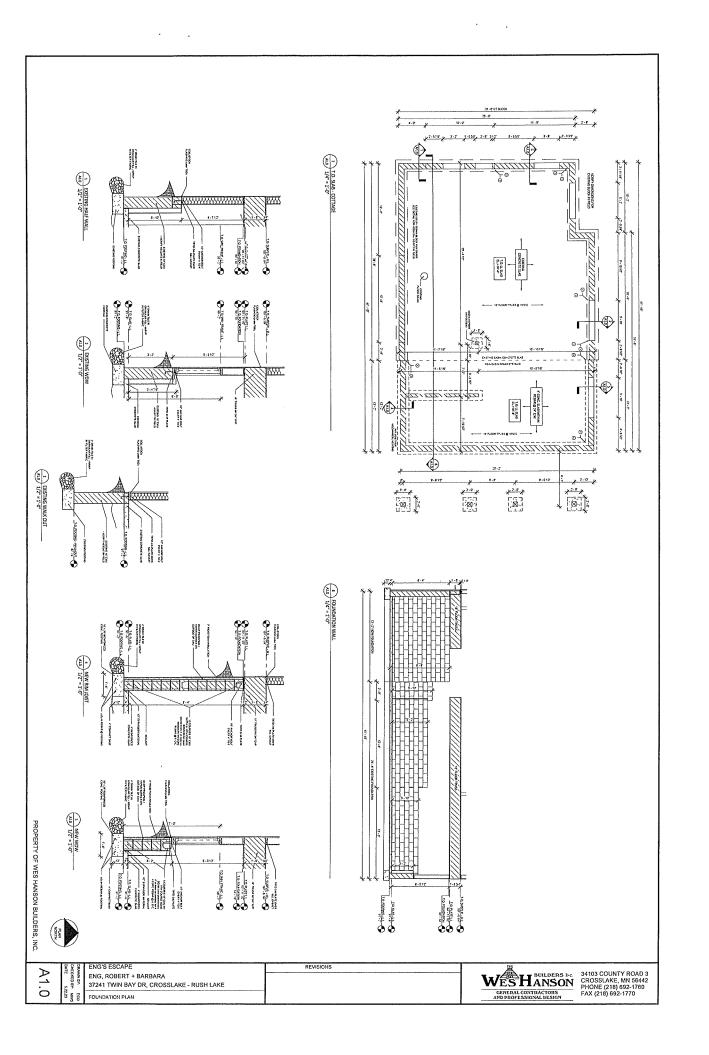
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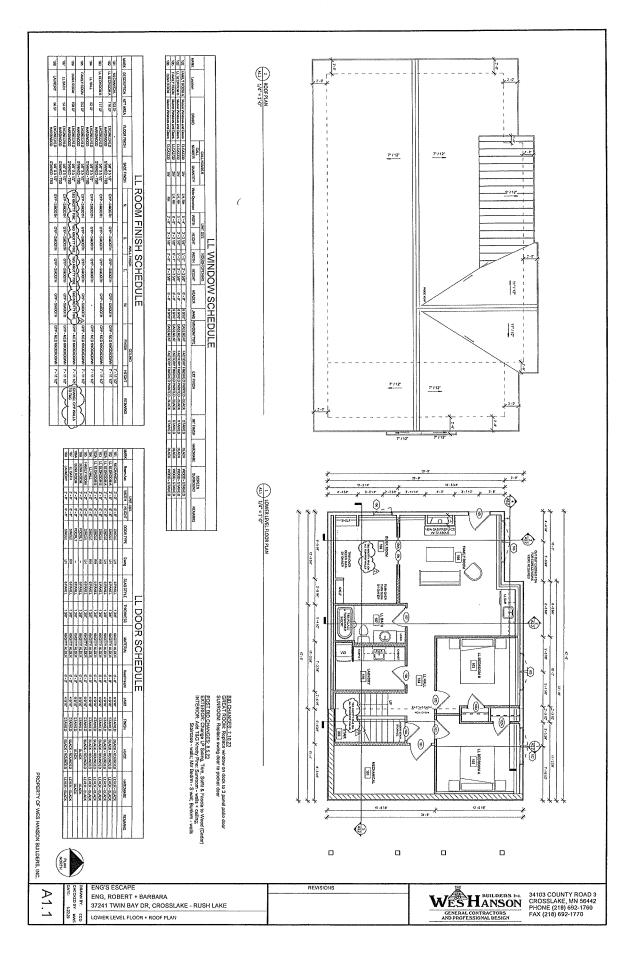


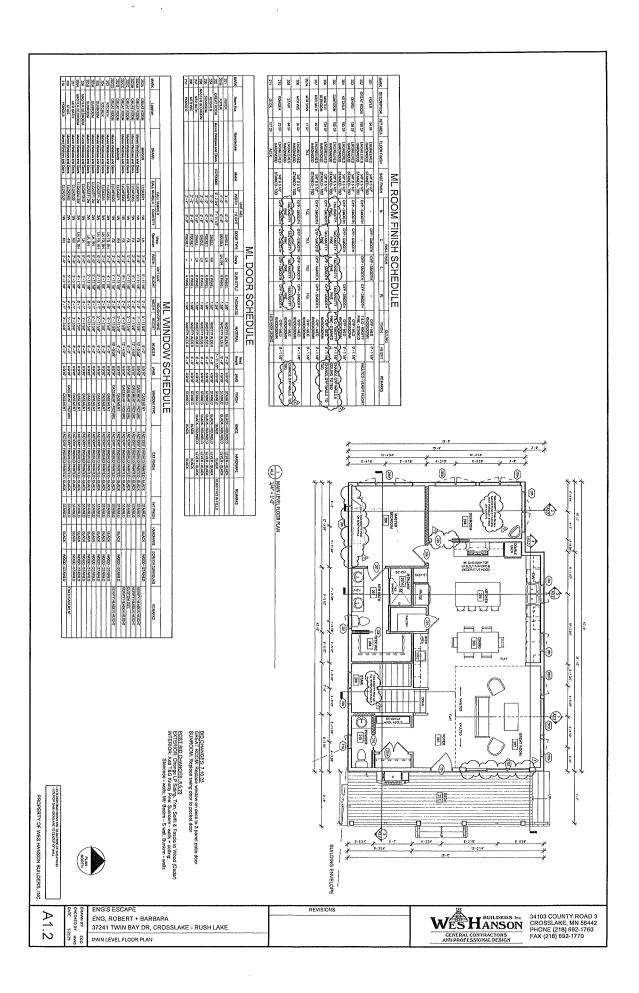
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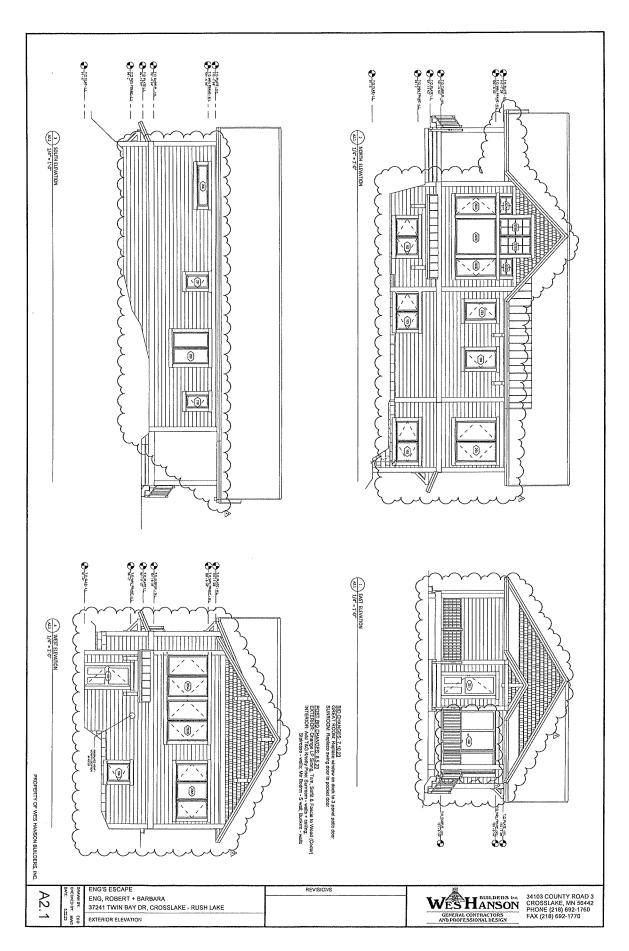
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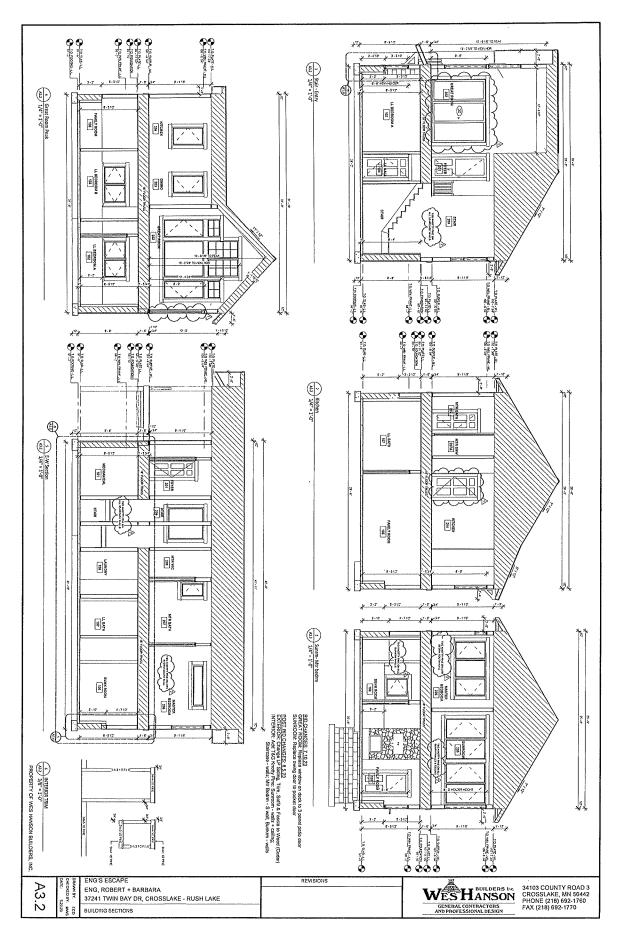






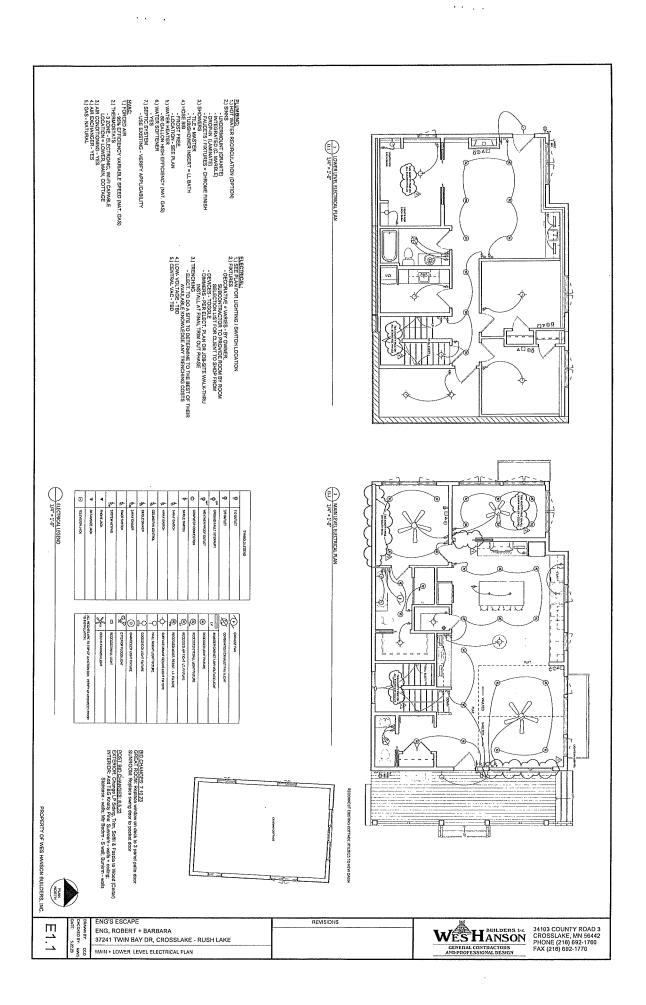
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Property Owner: Robert & Barbara Eng

Mailing Address: 7894 Ithaca Lane N

State: MN

Reviewed and approved 10/4/2023 by Martin Joyce Zip: 55311

Cell: 218-820-4060

Home Phone Number: Eric Carder Site Address: 37241 Twin Bay Dr

City: Maple Grove

City: Crosslake

State: MN

Driving directions if no address issued:

Zip: 56442 APPROVED By Greg Kossan at 12:06 pm, Sep 14, 2020

675

1200

8

408

Legal Description: All of Lot 14 Block 1 Anderson's Twin Bay Shores

Range: 27 Sec: 7 Twp: 137 Parcel Number: 14070613 Lake/ River: Whitefish

Twp Name: Crosslake

Lake/River Classification: GD

Flow Data Estin		Estimated Flow in Gallons per Day (GPD)			
Number of Bedrooms: 3	Bedrooms	Class I	Class II	Class III	
	2	300	225	180	
Dwelling Classification: I	3	450	300	218	
System Type: I	4	600	375	256	
GPD: 450	5	750	450	294	
	6	900	525	332	
Wells	7	1050	600	370	

Deep Well: Proposed and Existing

Shallow Well: None Wells to be sealed (if applicable)? Existing deep well.

Need variances approved for the system to fit.

Setbacks Sewer Line to well: +50 Tank(s) to: Well +50 Drainfield to: Well 50 House 10 w/ Property Line 5 K Variance Air Test: No House 10 Property Line 10

Additional System Notes and Information: NEW SSTS

The second se	5	
Designer Name: Martin Joyce		License Number: 2129
Address:		
City:	State:	Zip:
Home Phone Number:		Cell: 218-820-2621
E-Mail Address: joycem@bra	ainerd.net	
I hereby certify that I have comp	pleted this work i	n accordance with all applicable requirements.
Designer Signature:///	art.	Date: 4/17/2020
V		1

Page: 1 of 9

Date: 4/17/2020

Property Owner: Robert & Barbara Eng Date: 4/17/2020

Tank Sizing

Α.	Septic Tank Capacity: 2250 G	allons
	Tank Type: 2 Compartments	Filter: Yes
	Garbage Disposal/Basement L	ift Station: Disposal and Lift

~

- B. Pump Tank Capacity: 500 Gallons (7080.2100)
 - a. Alarm Type: Electric

Soils

- C. Depth to Restricting Layer: 6ft.
- D. Native SSF:.83

(Perc. Rate [Optional] MPI)

Enter GPD next to the type of system

Rock Trenches

E.	6 in. Trench Depth	$GPD \times D = 0.0$ sq. ft.	Cubic Yards of Rock: 0 yds ³
F.	12 in. Trench Depth	$GPD \times D \times .8 = 0.0$ sq. ft.	Cubic Yards of Rock: 0 yds3
G.	18 in, Trench Depth	$GPD \times D \times .66 = 0.0$ sq. ft.	Cubic Yards of Rock: 0 yds3
H.	24 in. Trench Depth	$GPD \times D \times .6 = 0.0$ sq. ft.	Cubic Yards of Rock: 0 yds3
١.	Divide (E-H) by Trench Widt	h for lineal feet: $0.0 \div$ =	

Chamber Trenches

J. Brand:	Dimensions of one chamber $(L \times W)$: ft. × ft.			
K. <u>6-11 in. Chamber Depth</u>				
L. <u>12 in. Chamber Depth</u>	$GPD \times D \times .8 = 0.0$ sq. ft.			
M. Select from (K-L) if installing Cham	ber Trenches: 0.0			
N. Divide (M) by Trench Width for line				
O. Total Chambers Needed (Round Up): Chambers			
Seepage/Pressure Beds				
P. <u>Seepage Bed</u> $GPD \times D \times 1$.5 = 0.0 sq. ft.			
a. <u>Bed Dimensions</u>	$ft. \times ft.$			
b. Cubic Yards of Rock Be	d Length × Bed Width × Rock Depth $ft. \div 27 = 0 \text{ yds}^3$			
Q. <u>Pressure Bed</u> $450 \text{ GPD} \times \text{D} = 373$.5sq. ft.			
a. <u>Bed Dimensions</u> 10ft	$x \times 38$ ft.			
b. Cubic Yards of Rock Be	d Length × Bed Width × Rock Depth 1 ft. \div 27 = 14 yds ³			
Additional System Notes a	ad Information			
Authonal System Notes a				

, NEED VARIANCES FOR DF TO LAKE, DF TO SIDEYARD, DF TO CABIN, AND TANKS TO LAKE.

Septic Tank Capacity		
Bedrooms	Minimum	GD/BL
5 or less	1,500	2,250
6 or 7	2,000	3,000
8 or 9	2,500	3,750

Designer's Initials:

Property Owner: Robert & Barbara Eng Date: 4/17/2020

Determine Pump Capacity

1) Gravity Distribution Pump Capacity Range: 10 - 45 GPM

*Skip to Pump Head Requirements if pumping to gravity

- 2) Pressure Distribution:
 - a) Number of laterals: 3
 - b) Lateral Size: 1.5in.
 - c) Perforation spacing: 3ft.
 - d) Check Table 4 to see the maximum number of perforations per lateral.
- 3) Lateral Length (choose):
 - a) End manifold: rock bed length: 38 2 ft. = 36ft.
 - b) Center manifold: rock bed length /2: -1 ft. = -1 ft.
 - c) Choose 3a or 3b: 36ft.
- 4) Total Perforation Determination:
 - a) (3c): $36ft. \div (2c)$: 3ft. + 1 = 13 Perforations / Lateral
 - b) (4a): $13 k^3 \times (2a)$: 3 = 3939 Total Number of Perforations
 - c) Select perforation discharge from Table 1 = .74 GPM/Perf.
 - d) (4b): 3939 × (4c): 0.74 GPM/Perf. = 2944. GPM

PUMP HEAD REQUIREMENTS

5) Elevation difference:

- a) Elevation difference between pump and point of discharge 8ft.
- b) If pumping to a pressure distribution system, (5a) + 5 = 13 ft.
- c) Choose 5a if pumping to gravity or 5b for pressure: 13ft.

6) Friction loss:

a) Select a value from Table 2: 1.55ft. / 100 ft. of pipe

b) Pipe length to drainfield: 60ft. × 1.25 = 75ft.

c) (6a): 1.55 × (6b): 75 ÷ 100 = 1.16 Total Friction Loss

7) Drainback:

a) Actual Pipe length 60ft. \times .17 gal/ft. (Table 3) = 10.2 gal

8) (5c): 13ft. + (6c): 1.16ft. = 14.16 Total Head Required

9) Minimum Pump Size 2964 GPM (4d) & 14ft. of dynamic head (8)

Designer's Initials:

Table 1		
Perforation Discharge (GPM/perf.)		
Ft. of 7/32" 1/4"		
Head	Perf	Perf
1.0	0.56	0.74
2.0	0.80	1.04

Use 1.0 for single homes, 2.0 for everything else

Table 2			
Friction Lo	oss in Pla	nstic Pip	be
Flow (GPM)	1.5"	2"	3"
20	2.47	0.73	0.11
25	3.73	1.11	0.16
30	5.23	1.55	0.23
35	6.96	2.06	0.30
40	8.91	2.64	0.39
45	11.07	3.28	0.48
50	13.46	3.99	0.58
55		4.76	0.70
60		5.60	0.82
65		6.48	0.95
70		7.44	1.09

Table 3		
Volume of Liquid in Pipe		
Pipe Diameter	Gal/Ft.	
1.25 in.	0.078	
1.5 in.	0.11	
2.0 in.	0.17	

Table 4				
Max Perforations/Lateral				
Perf.	1.25"	1.5"	2"	
Spacing	Pipe	Pipe	Pipe	
2.5 ft.	14	18	28	
3 ft.	13	17	26	
3.3 ft.	12	16	25	
4 ft.	11	15	23	
5 ft.	10	14	22	

Property Owner: Robert & Barbara Eng

Date: 4/17/2020

Designer's Initials:

Please record the depths of all horizons, redoximorphic features, restricting layers, and saturated soils. Include all chroma and hue values.

#1 Proposed Site

Depth (in.)	Texture	Color
0-6	Sandy Loam	10YR 3/2
6-18	Loamy Sand	10YR 4/4
18-72	Sand	10YR 5/4

#2 Proposed Site

Depth (in.)	Texture	Color

#1 Alternate Site

Texture	Color
	Texture

#2 Alternate Site

Depth (in.)	Texture	Color

	Soil	Sizing F	actors/Hy	draulie Loac	ling Rates		
Perc. Rate	Texture	SSF	HLR	Perc. Rate	Texture	SSF	HLR
<0.1	Coarse Sand			16 to 30	Loam	1.67	0.60
0.1 to 5	Sand	0.83	1.20	31 to 45	Silt Loam	2.00	0.50
0.1 to 5	Fine Sand	1.67	0.60	46 to 60	Clay Loam	2.20	0.45
6 to 15	Sandy Loam	1.27	0.79	> 60	Clay Loam	****	0.24

Description of Soil Treatment Areas					
	Propos	sed Site	Alternate Site		
Disturbed Areas?	N	lo			
Compacted Areas?	N	10			
Flooding Potential?	N	10			
Run on Potential?	Ν	10			
Limiting Layer Depth	Proposed #1 72"	Proposed #2	Alternate #1	Alternate #2	
Slope % and Direction	1% South				
Landscape Position	Flat				
Vegetation Types	Lawn/Pines				
Soil Texture	Sand				
Soil Sizing Factor	0.	83	Selec	t One	

Martin Joyce Septic Service, LLC

27604 County Road 3, Merrifield, MN 56465

Septic System Management Plan

Property Owner:	Robert & Barbara Eng	Phone:	<u></u>	Date:	4/17/2020
Mailing Address:	7894 Ithaca Lane N	City:	Maple Grove	Zip:	55311
Site Address:	37241 Twin Bay Dr	City:	Crosslake	Zip:	56442

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

System Designer:	check every	months
Local Government:	check every	months
State Requirement:	check every <u>36</u>	months

My system needs to be checked
every <u>36</u> months

Homeowner Management Tasks (performed monthly unless otherwise stated)

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

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

Effluent filter - Inspect and clean twice a year or more

Alarms - Alarm signal when there is a problem: contact Service Provider any time an alarm signals *Event counter or water meter* - Monitor your average daily water use (if it applies)

Professional Management Tasks

Check and clean the in-tank effluent filter

Check the sludge/scum layer levels in all septic tanks

- Recommend if tank should be pumped
- Pump all compartments of septic tank at least every 36 months
- Check inlet and outlet baffles
- Clean drainfield laterals (if it applies)

Check the drain field effluent levels in the rock layer

Check the pump and alarm system functions (if it applies)

Check wiring for corrosion and function (if it applies)

Check dissolved oxygen and effluent temperature in tank

Provide home owner with list of results and any action to be taken

Replacement system for this residence, a secondary site has not been identified.

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

D
Date:
Date:
•

Cell: 218-820-2621

Sofa

Map Unit Description (MN)

Crow Wing County, Minnesota

[Data apply to the entire extent of the map unit within the survey area. Map unit and soil properties for a specific parcel of land may vary somewhat and should be determined by onsite investigation]

D78B--Graycalm-Grayling-Meehan complex, 1 to 8 percent slopes

Graycalm

Extent: 15 to 50 percent of the unit Landform(s): rises on outwash plains Slope gradient: 2 to 8 percent Parent material: outwash Restrictive feature(s): greater than 60 inches Flooding: none Ponding: none Drainage class: somewhat excessively drained

Texture

А	 0	to	4 in	Loamy sand
Bw1	 4	to	20 in	Loamy sand
Bw2	 20	to	31 in	Sand
E and Bt	 31	to	79 in	Sand

Representative soil profile:

Meehan

Extent: 23 to 35 percent of the unit Landform(s): rises on outwash plains Slope gradient: 1 to 3 percent Parent material: outwash Restrictive feature(s): greater than 60 inches Flooding: none Ponding: none Drainage class: somewhat poorly drained

Texture

A -- 0 to 7 in Loamy sand Bw -- 7 to 28 in Sand C -- 28 to 79 in Coarse sand Soil loss tolerance (T factor): 5 Wind erodibility group (WEG): 2 Wind erodibility index (WEI): 134 Kw factor (surface layer) .15 Land capability, nonirrigated 4s Hydric soil: no Hydrologic group: A Potential for frost action: low

Permeability	Available water capacity	ρH
rapid	0.35 to 0.43 in	4.5 to 5.5
rapid	1.29 to 1.61 in	5.0 to 6.0
rapid	0.44 to 0.66 in	5.0 to 6.0
rapid	2.38 to 3.81 in	5.5 to 6.5

Soil loss tolerance (T factor): 5 Wind erodibility group (WEG): 2 Wind erodibility index (WEI): 134 Kw factor (surface layer) .10 Land capability, nonirrigated 4w Hydric soil: no Hydrologic group: A/D Potential for frost action: low

Permeability	Available water capacity	pН
rapid	0.71 to 0.85 in	3.5 to 7.3
very rapid	1.25 to 2.30 in	3.5 to 6.5
very rapid	1.02 to 3.56 in	3.5 to 7.3



SDA Natural Resources **Conservation Service**

Representative soil profile:

Tabular Data Version: 10 Tabular Data Version Date: 09/19/2016 This report shows only the major soils in each map unit

Map Unit Description (MN)

Crow Wing County, Minnesota

D78B--Graycalm-Grayling-Meehan complex, 1 to 8 percent slopes

Grayling

 $\leftarrow \mathbf{r}$

i yinig		
Extent: 25 to 40 percent of the unit	Soil loss tolerance (T factor): 5	
Landform(s): rises on outwash plains	Wind erodibility group (WEG): 2	
Slope gradient: 2 to 8 percent	Wind erodibility index (WEI): 134	
Parent material: outwash	Kw factor (surface layer) .20	
Restrictive feature(s): greater than 60 inches	Land capability, nonirrigated 4s	
Flooding: none	Hydric soil: no	
Ponding: none	Hydrologic group: A	
Drainage class: excessively drained	Potential for frost action: low	
Representative soil profile: Texture	Permeability Available water pH	
A 0 to 8 in Loamy sand	rapid 0.63 to 0.87 in 5.1 to 6.5	

This report provides a semitabular listing of some soil and site properties and interpretations that are valuable in communicating the concept of a map unit. The report also provides easy access to the commonly used conservation planning information in one place. The major soil components in each map unit are displayed. Minor components may be displayed if they are included in the database and are selected at the time the report is generated.

rapid

rapid



SDA Natural Resources **Conservation Service**

8 to 47 in

BC -- 47 to 79 in

Bw ---

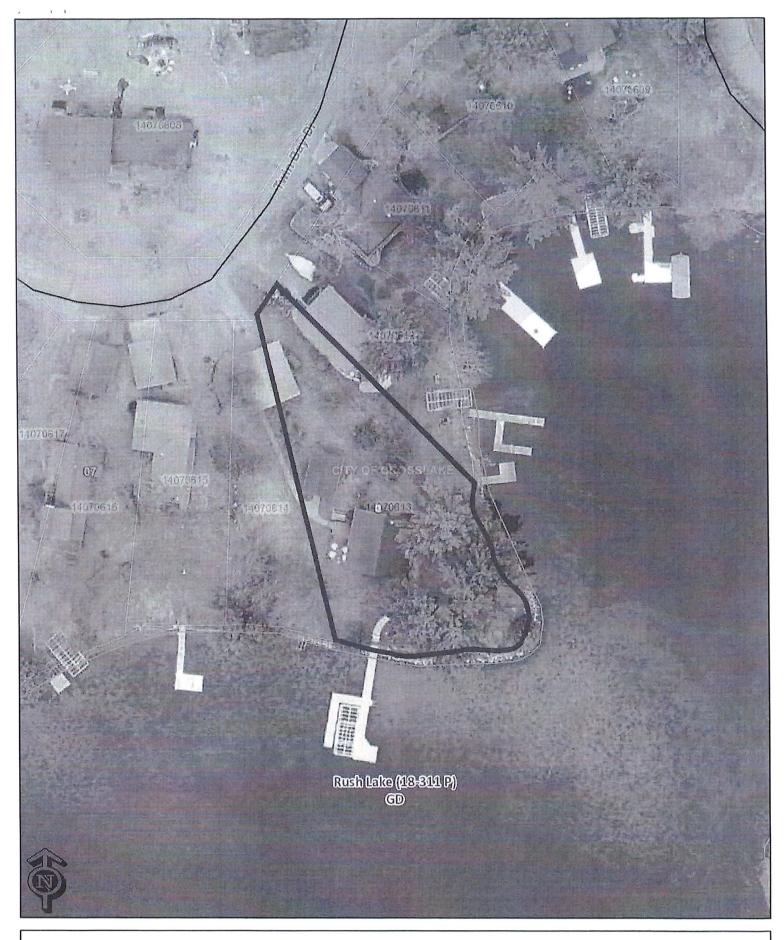
Sand

Sand

This report shows only the major soils in each map unit

1.95 to 4.29 in 5.1 to 6.5

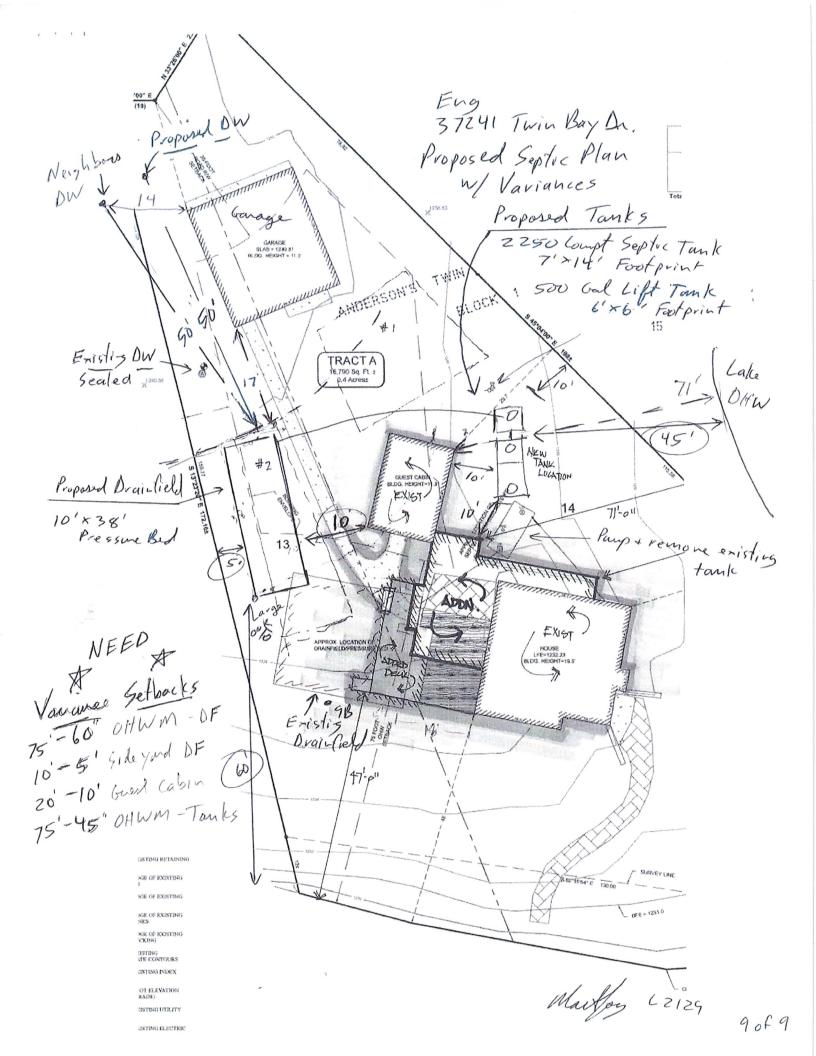
1.59 to 2.23 in 5.1 to 6.5



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



Date: 5/12/2020Time: 10:33:17 AM



From:	Barb Ungs
To:	crosslakepz@crosslake.net
Cc:	jon@nationallooncenter.org
Subject:	public hearing notice Nov 17, 2023
Date:	Wednesday, November 1, 2023 2:29:57 PM

Planning Commission/Board of AdjustmentNovember 17, 20239:00 amCrosslake City Hall, 1388 Daggett Bay Rd, Crosslake, MN 56442

Applicant: Robert and Barbara Eng Authorized Agent: Wes Hanson Builders

Site Location: 37241 Twin Bay Dr, Crosslake, MN on Rush Lake To construct: 1,169 sq foot dwelling along with **257 Square Foot covered deck and steps** A new septic system

To whom it may concern:

Is this new construction on the existing foundation and therefore grandfathered in or are you making a variance and thereby encroaching on water quality and wildlife habitat? I assume that it is the latter if it requires a hearing.

From the survey it looks like the new cabin will be unchanged in distance from the bay but 8 feet closer to the channel. Is that correct? I am especially concerned about the 5 foot setback for the septic system and the impact on the loon nest if the new building is closer to the water. of the bay.

Loons have nested in that bay on a platform for at least 19 years, green herons nest near there, and great blue herons hunt there morning and evening.

Please protect our community and water quality by enforcing the laws you took an oath to enforce. Continuing to allow variances that change the building and sewer waterfront set back requirements threaten our water quality, the aesthetic of the lake, wildlife habitat, and is happening far too frequently. I hope that is not the case in this Public Hearing.

Sincerely, Barbara Ungs cabin address: 12186 Anchor Point Road, Crosslake mailing address: 4671 Woodridge Rd, Minnetonka, MN, 55345

Variance Applic Planning and Zoning D 13888 Daggett Bay Road, Cros 218.692.2689 (Phone) 218.692.2687 (Fa	Department sslake, MN 56442
Property Owner(s): Robert & Barbara Eng	Permit Number: $230262 \vee$
Mailing Address: 20045 Grassland Way, Maple Grove, MN 55311	<u>Variances</u> (Check applicable requests)
Site Address: 37241 Twin Bay Drive, Crosslake, MN 56442	
Phone Number: 1-612-554-7000	Covered Deck User Requires 75 Dwelling 40° required 75' Road Right-of-Way Setback
E-Mail Address: asapconsult@yahoo.com	□ Bluff Setback
Parcel Number(s): 14070613 + 14070614	□ Side Yard Setback
All of Lot fourteen (14), block one (1), and part of lot thirteen (13) Legal Description:	□ Wetland Setback
Sec $\overline{7}$ Twp 137 Rge 26 27 $\sqrt{28}$ Rush Lake - Whitefish	Septic Tank Setback
Lake/River Name: Rush Lake - Whitefish	Septic Drainfield Setback 5' requires 10' From sideyard
Do you own land adjacent to this parcel(s)? Yes X No	□ Impervious Coverage
If yes list Parcel Number(s)	□ Accessory Structure
Authorized Agent: Wes Hanson Builders Inc	Building Height
Agent Address: PO Box 456, Crosslake, MN 56442	Patio Size
Agent Phone Number: 1-218-692-1760	
Signature of Property Owner(s)	Date
Signature of Authorized Agent(s) Emile Colstand	Date 9 - 8 - 23
 All applications must be accompanied by a signed Certificate of S Fee \$500 for Residential and Commercial Payable to "City of Cross No decisions were made on an applicant's request at the DRT mean after DRT does not constitute approval. Approval or denial of app Planning Commission/Board of Adjustment at a public meeting as City of Crosslake Land Use Ordinance. 	esslake" eting. Submittal of an application plications is determined by the
For Office Use: Date 10-13-23 Application accepted by C Date 10-13-23 Lake Class GD Septic: Compliance Not SSTS Design	Land Use District SD
Lake Class <u>GD</u> Septic: Compliance <u>NQ</u> SSTS Design <u>/</u>	0-4-23 Installation Variance



Practical Difficulty Statement

Pursuant to City of Crosslake Ordinance Article 8 - Variances may be granted when it is found that strict enforcement of the Land Use Ordinance will result in a "practical difficulty".

Please answer the following questions regarding the "practical difficulty" for your variance request.

- 1. Is the Variance request in harmony with the purposed and intent of the Ordinance? Yes 🔳 No 🗆 Why: Defer to the Planning Commission/Board of Adjustment
- 2. Is the Variance consistent with the Comprehensive Plan?

Yes 🔳 No 🗆 Why: Defer to the Planning Commission/Board of Adjustment

3. Is the property owner proposing to use the property in a reasonable manner not permitted by the Land Use Ordinance? No 🗆

Yes 🔳

Why:

We are proposing to use the existing cabin foundation with an addition towards the side yard and roadway of the lot.

This will increase the existing footprint while not increasing the existing nonconformities of the structure based on the building envelopes dual sided lake setbacks.

4. Will the issuance of a Variance maintain the essential character of the locality?

Yes 🔳 No 🗆

Why:

The proposed cabin will keep with the aesthetics of the surrounding properties & will be upgraded to fit in with the greater Crosslake area.

5. Is the need for a Variance due to circumstances unique to the property and not created by the property owner?

Yes 🗖	No 🗆	
Why:		
The unique peninsula shape of the lot, having water on two (2) sides creates the difficulties.		
The property therefore has a small building envelope.		

6. Does the need for a Variance involve more than economic considerations?

Yes 🔳 No 🗆

Why:

After many iterations, the best solution is to use the existing foundation to create a new cabin that expands away from the lake. This will bring the cabin closer to the building envelope without increasing nonconformity and be the least invasive path.



City of Crosslake Planning Commission/Board of Adjustment

FINDINGS OF FACT

SUPPORTING / DENYING A VARIANCE REQUEST

A Variance may be granted by the Planning Commission/Board of Adjustment when it is found that strict enforcement of the Land Use Ordinance will result in a "practical difficulty" according to Minnesota Statute Chapter 462. The Planning Commission/Board of Adjustment should weigh each of the following questions to determine if the applicant has established that there are "practical difficulties" in complying with regulations and standards set forth in the Land Use Ordinance.

 Is the Variance request in harmony with the purposes and intent of the Ordinance? Yes No Why:

Is the Variance consistent with the Comprehensive Plan?
 Yes No
 Why:

Is the property owner proposing to use the property in a reasonable manner not permitted by the Land Use Ordinance?
 Yes No
 Why:

 4. Will the issuance of a Variance maintain the essential character of the locality? Yes No Why:

5. Is the need for a Variance due to circumstances unique to the property and not created by the property owner?

Yes No Why?

 Does the need for a Variance involve more than economic considerations? Yes No Why: