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 July 26, 2024 9:00 A.M.

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

PUBLIC HEARING NOTICE

Applicant: James S & Karen A Clapper

Authorized Agent: N/A

Site Location: 15258 Birch Narrows Rd, Crosslake, MN 56442 on Daggett Lake - GD

Variance for:

- Lake setback of 37.4 feet where 75 feet is required to proposed deck
- Lake setback of 69.3 feet where 75 feet is required to proposed deck
- Existing impervious is 30.1% where 25% is allowed

To construct and allow:

- 200 square foot deck with a large majority in the SIZ 2
- 252 square foot deck with 45 square feet in the SIZ 2
- 30.1% impervious where 25% is allowed by the city ordinance

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@cityofcrosslake.org).

STAFF REPORT



Property Owner/Applicant: James S & Karen A Clapper

Parcel Number(s): 14100695

Application Submitted: June 17, 2024

Action Deadline: August 15, 2024

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

Applicant Extension Received / Request: NA / NA

City Council Date: NA

Authorized Agent: N/A

Variance for:

- Lake setback of 37.4 feet where 75 feet is required to proposed deck
- Lake setback of 69.3 feet where 75 feet is required to proposed deck
- Existing impervious is 30.1% where 25% is allowed

To construct and allow:

- 200 square foot deck with a large majority in the SIZ 2
- 252 square foot deck with 45 square feet in the SIZ 2
- 30.1% impervious where 25% is allowed by the city ordinance

Current Zoning: Shoreland District

Existing Impervious Coverage:

Proposed Impervious Coverage:

30.1%

- 30.1%
- A stormwater management plan was submitted
- Compliant septic compliance inspection on file dated 6-5-2024

Parcel History:

- September 1971 24x24 Garage
- September 1979 8x12 deck
- December 1987 septic
- March 2000 -2 story 25x25; basement 23x25; upgrade septic (only septic approved in April 2000 variance)
- April 2000 Variance approved to install a septic system at one-foot setback from the side property line

PUBLIC HEARING

1. Variance 00-02, Jim & Karen Clapper. The Clapper's are requesting a Variance from the 10' sideyard setback to 1' in order to install a sewage system . treatment area. Jim Clapper was present to represent himself.

Mr. Clapper stated that his current home is only 960 square feet and that there is not enough room for his family of five. He has a plan to add on to the current home and the plan requires a septic system enlargement. Due to the narrow, irregular shape of the lot the only place to install the required addition is closer to the side property line than the 10[°] setback.

MOTION 03-03-00 WAS MADE BY JIM TRAUTMANN AND SECONDED BY NANCY KOCH TO APPROVE VARIANCE 00-02 IN ORDER TO RELIEVE THE HARDSHIP OF THE NARROW, IRREGULAR LOT SHAPE WITH THE FOLLOWING CONDITIONS: NO FURTHER EXPANSION OF THE DWELLING ON THE PROPERTY AND THE DRAINFIELD MUST BE MARKED TO ELIMINATE SOIL COMPACTION. MOTION CARRIED UNANIMOUSLY.

• Septic upgrade design or a compliance inspection will be needed

Agencies Notified and Responses Received:

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: No comment received before packet cutoff date

POSSIBLE MOTION:

To approve/table/deny the variance to allow:

- Lake setback of 37.4 feet where 75 feet is required to proposed deck
- Lake setback of 69.3 feet where 75 feet is required to proposed deck
- Existing impervious is 30.1% where 25% is allowed

To construct and allow:

- 200 square foot deck with a large majority in the SIZ 2
- 252 square foot deck with 45 square feet in the SIZ 2
- 30.1% impervious where 25% is allowed by the city ordinance

As shown on the certificate of survey dated 6-17-2024



JAMES S & KAREN A CLAPPER PROPERTY

PERMIT HISTORY

This property is classified as Shoreland District

- September 1971 24x24 Garage
- September 1979 8x12 deck 2008 replaced
- December 1987 septic
- March 2000 2 story 25x25; basement 23x25; upgrade septic from approved variance
- April 2000 Variance approved to install a septic system at one-foot setback from the side property line

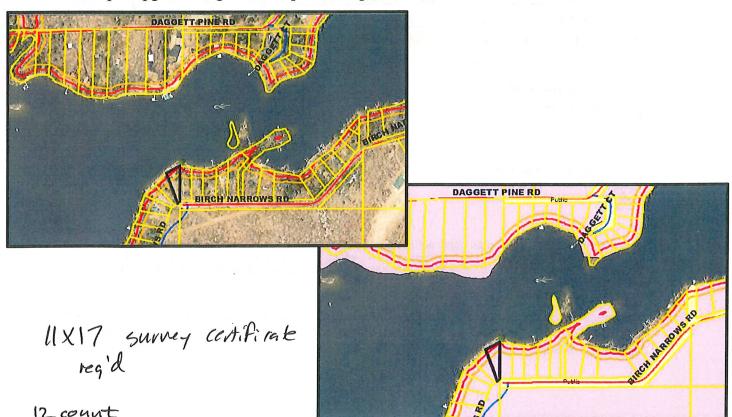
PUBLIC HEARING

1. Variance 00-02, Jim & Karen Clapper. The Clapper's are requesting a Variance from the 10' sideyard setback to 1' in order to install a sewage system . treatment area. Jim Clapper was present to represent himself.

Mr. Clapper stated that his current home is only 960 square feet and that there is not enough room for his family of five. He has a plan to add on to the current home and the plan requires a septic system enlargement. Due to the narrow, irregular shape of the lot the only place to install the required addition is closer to the side property line than the 10' setback.

MOTION 03-03-00 WAS MADE BY JIM TRAUTMANN AND SECONDED BY NANCY KOCH TO APPROVE VARIANCE 00-02 IN ORDER TO RELIEVE THE HARDSHIP OF THE NARROW, IRREGULAR LOT SHAPE WITH THE FOLLOWING CONDITIONS: NO FURTHER EXPANSION OF THE DWELLING ON THE PROPERTY AND THE DRAINFIELD MUST BE MARKED TO ELIMINATE SOIL COMPACTION. MOTION CARRIED UNANIMOUSLY.

• Septic upgrade design or a compliance inspection will be needed



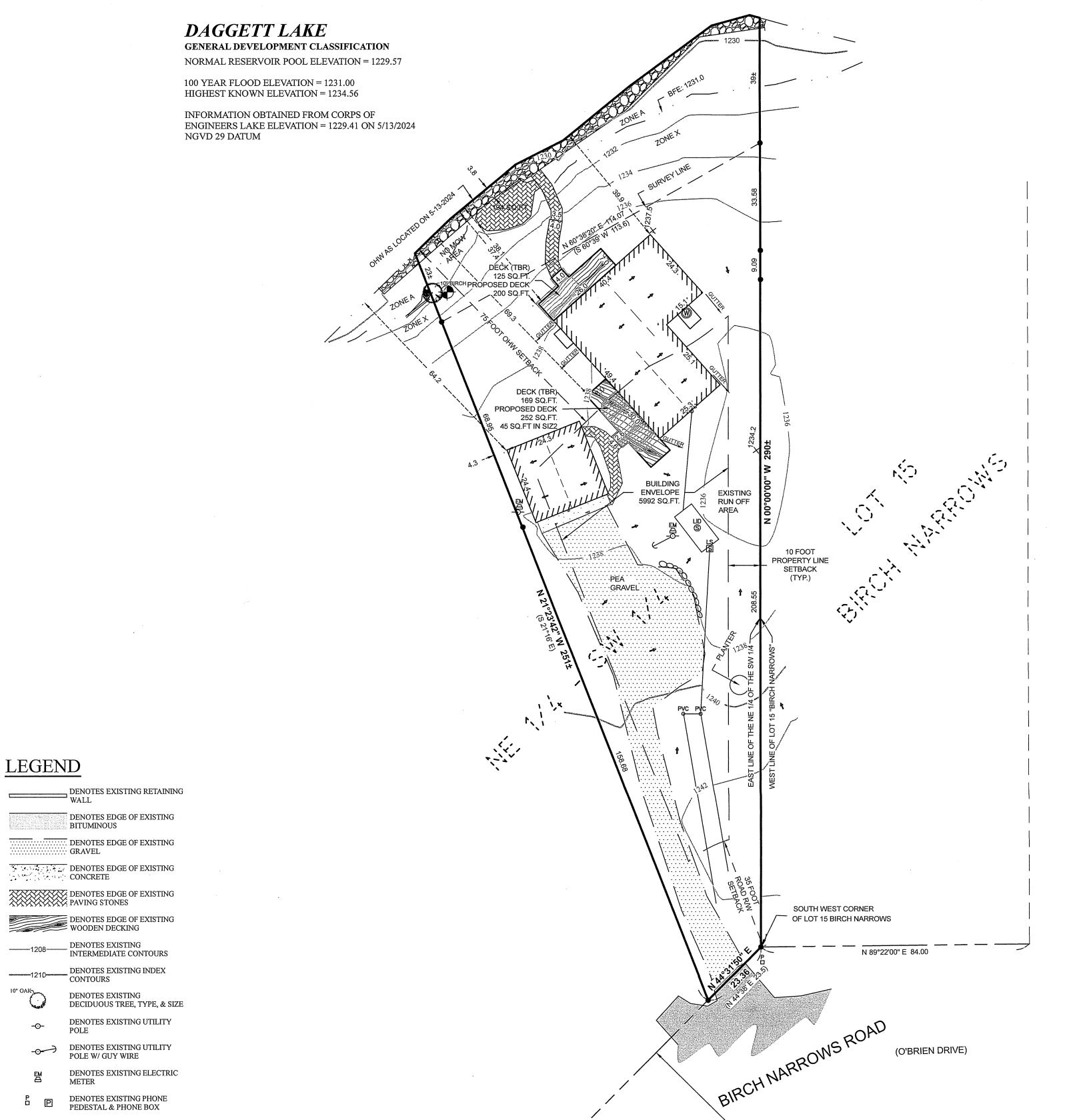
Cad 7/1/2024 3:20 PM - F:\Drawings\2024\24094 Clapper\C24094A.dwg

CERTIFICATE OF SURVEY

PART OF NORTHEAST QUARTER OF THE SOUTHWEST QUARTER, SECTION 10, TOWNSHIP 137 NORTH, RANGE 27 WEST, CROW WING COUNTY, MINNESOTA TOTAL AREA = 18,866 SQ.FT. ± / 0.4 ACRES ±

LEGAL DESCRIPTION PER DOCUMENT NUMBER 425675

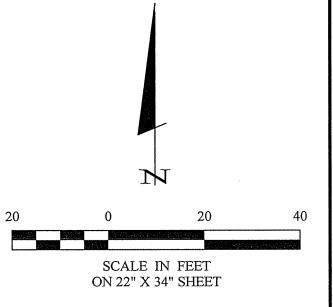
That part of the NE $\frac{1}{4}$ SW 1/4, Section 10, Township 137, Range 27, described as follows: Beginning at the point on the East line of said NE $\frac{1}{4}$ SW $\frac{1}{4}$ which is the Southwest corner of Lot 15, Birch Narrows, thence North 250.9 feet along said East line (West line of Lot 15 "Birch Narrows") to the shore of Daggett Lake; thence South 60 degrees 39 minutes West 113.6 feet along said shore; thence South 21 degrees 16 minutes East 227.6 feet; thence North 44 degrees 38 minutes East 23.5 feet to the place of beginning.



	EM	DENOTES EXISTING ELECTRIC METER				·		
	å p	DENOTES EXISTING PHONE PEDESTAL & PHONE BOX						
		DENOTES EXISTING WELL						/
	PVC SCO LID O 🛞 🕲	DENOTES EXISTING SEPTIC VENT, SEPTIC CLEANOUT, & SEPTIC TANK LID					,	
	ی ا	DENOTES EXISTING SEPTIC LIFT STATION						
	(TBR)	DENOTES "TO BE REMOVED"						
	•	<u>BENCHMARK:</u> SET A DOUBLE HEADED NAIL IN THE EAST FACE OF A 10" BIRCH.						
		ELEV. = 1234.60	IMPERVI	OUS CALCULA	TIONS		1	NC
		NGVD 29 DATUM	EXISTING	IMPERVIOUS AREA	Net Area (sq.ft)	Percent Impervious]
	(123.45)	DENOTES PLAT AND/OR DEEDED MEASURE		(sq.ft.)		(sq.ft)	-	2
			House & Ce		18,866	11.0%		3
	•	DENOTES MONUMENT FOUND	Gar	-	18,866	3.1%		4
			Concrete & Pav		18,866	2.7%		4
		F THIS BEARING SYSTEM IS RECORDED PLAT OF BIRCH	Pea Gra Bituminous Drive		18,866 18,866	13.1% 0.1%		
	NARROWS.		Total	5,672	18,866	<u> </u>]	Ċ
			RUN OFF CALCULA	TIONS				-
			Total Impervious Surface Area	5.672 sq. ft. x 0.0	0833 ft. = 473	cu. ft.		
			(from table above)					8
					II	I		ç
			EXISTING RUN OFF	AREA				10
			SURFACE AREA = 1,356 SQ.	FT.				
			1.8' DEEP					
			TOTAL RUN OFF STORAGE	EXISTING $=$ 1,220) CU. FT.			
S	OPDTIPIOAT		PROJECT MANAGER:	ROJECT No.:	DATE:			
SHEET	CERTIFICATI	E OF SURVEY				ŀ	DATE	T
Ξ	Tim & Varan (Jannar		4094 ILE NAME:	6-4-2024 SCALE:	F	6-17-2024	Revised
	Jim & Karen (115 W Pleasa	Japper at Lake Road	BY:		HORZ	= 20'		
	North Oaks, N			C24094.DWG IELD BOOK:				
•	rorun Ound, It				VERT. <u>NC</u>	NIF -	·····	
			CMH	OOK PG.	VERT. INC			1

IOTES:

- 1. Contour interval as shown = 2 foot. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located on 5/13/2024.
- 2. Zoning for subject tract = "SHORELAND DISTRICT".
- 3. Parcel ID of subject parcel: 14100695.
- 4. The E911 address of subject parcel: 15258 Birch Narrows Road.
- 5. Setbacks as shown can be subject to interpretation. Verification of setbacks by the governing body is advised prior to building.
- 6. Property is in "Zone X" and "Zone A" as per the FIRM, Flood Insurance Rate Map. "Zone A" definition: Areas of 100-year flood base elevations and flood hazard factors not determined. "Zone X" definition: Areas of minimal flooding.
- 7. Approximate location of septic system per City of Crosslake, Crow Wing County Certificate of Installation dated 8-10-2000 Permit #7552
- 8. No wetlands were found on 4-22-2024 at the site per Ben Meister, Meister Environmental, LLC. MN Certified Wetland Delineator #1031.
- 9. There are no bluffs located within surveyed property.
- 10. Stonemark Land Surveying, 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.



	CERTIFICATE OF SURVEY	PROJECT MANAGER:	PROJECT No.:	DATE:		REVISIONS		I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR	NEM	
		СМН	24094	0-4-2024	DATE			REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER OR LAND	5 PR	30206 Rasmussen Road Suite 1
0	Jim & Karen Clapper	CHECKED	FILE NAME:	SCALE:	6-17-2024	Revised gutter location		SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.	YAXAX	P. O. Box 874
OF	115 W Pleasant Lake Road	BY: RJF	C24094.DWG	HORZ. <u>1" = 20'</u>				Cynthia In Hille	RAA	Pequot Lakes, MN 56472
→	North Oaks, MN 55127	DRAWN BY:	FIELD BOOK:	-			I	CYNTHIA M. HIDDE PLS# 44881	5 KARA	218-568-4940
		СМН	BOOK PG.	VERT. NONE				DATE 6/17/2024 LIC. NO. 44881	URVEYING	www.stonemarksurvey.com

Design Review Team application Existing deck pictures Jim & Karen Clapper March 2024

Front deck, cedar construction, built in 2008, signficant deterioriation



Lakeside deck, cedar construction, built in 2008, signficant deterioriation



Lakeside deck, cedar construction, built in 2008, signficant deterioriation



City of Crosslake Planning & Zoning Dept 13888 Daggett Bay Rd Crosslake, MN 56442

Subject: Clapper Variance Application Stormwater Plan

Please find enclosed documents:

Stormwater Detail, taken from Signed Certificate of Survey Stormwater explanation p1 Stormwater explanation p2

- 1. There are five rain gutters, draining water from the rooftop of the lakehome. I have numbered them 1 5. There is no rain gutter on the north-east corner of the structure.
- 2. Rain gutters 1, 2, 3 remove most of the water from the structure and the flows to the existing run-off area, with a low point of 1234.2 ft which is away from Daggett Lake and is clearly shown on the survey drawing.
- 3. Rain gutters 4 and 5 drain water from half of the lower rooftop of the lake side of the lakehome. These drain into a neutral slope and into a combination of river rock and vegetation. These two gutters are about 49 feet from the OHW mark and we have never experienced any erosion or visible runoff towards the lake in our 34 years of owning this home.
- 4. The pea gravel driveway has been counted as being impervious and represents a majority of my impervious surface area, measured at 13.1% of my total property net area. I do not agree that this surface is totally impervious, and it should get some sort of proportional treatment. Also, any runoff from the driveway flows to the existing run-off area and not towards Daggett Lake.

I request that you accept this plan and approve my variance to replace and enlarge my two decks.

amo S agon

Jim and Karen Clapper 15258 Birch Narrows Rd Crosslake, MN 56442 651-235-5779



Rain gutters #1 and #2, on the north-east elevation. Both flow towards the existing Run Off Area, away from Daggett Lake



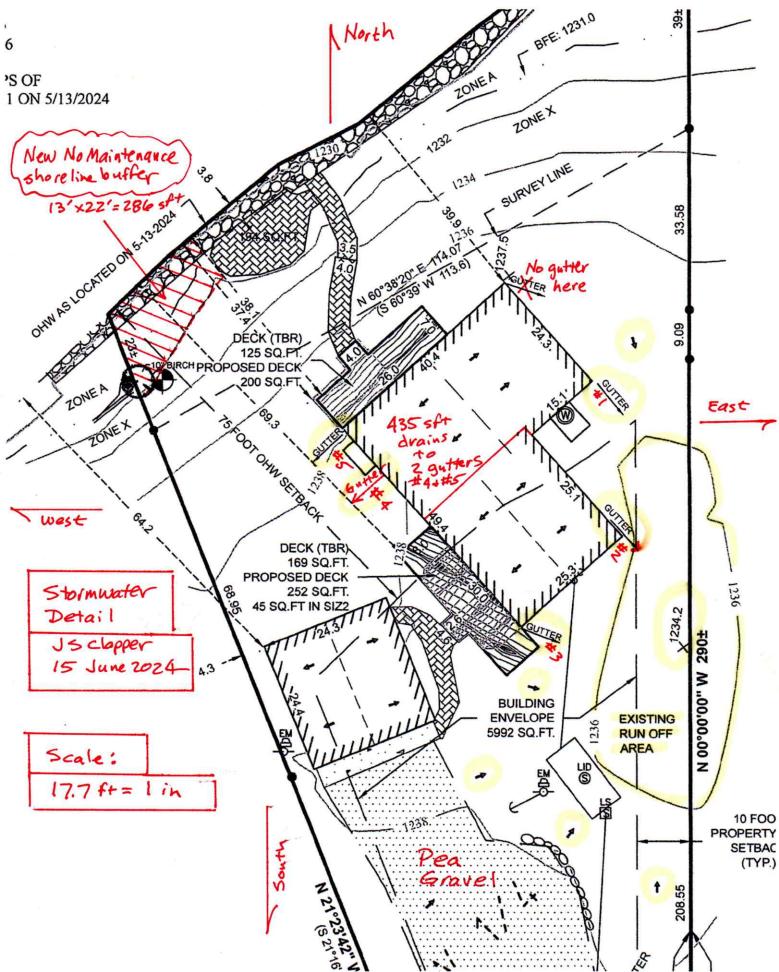
Rain gutters #2 and #3, on the south-east elevation. Both flow towards the existing Run Off Area, away from Daggett Lake

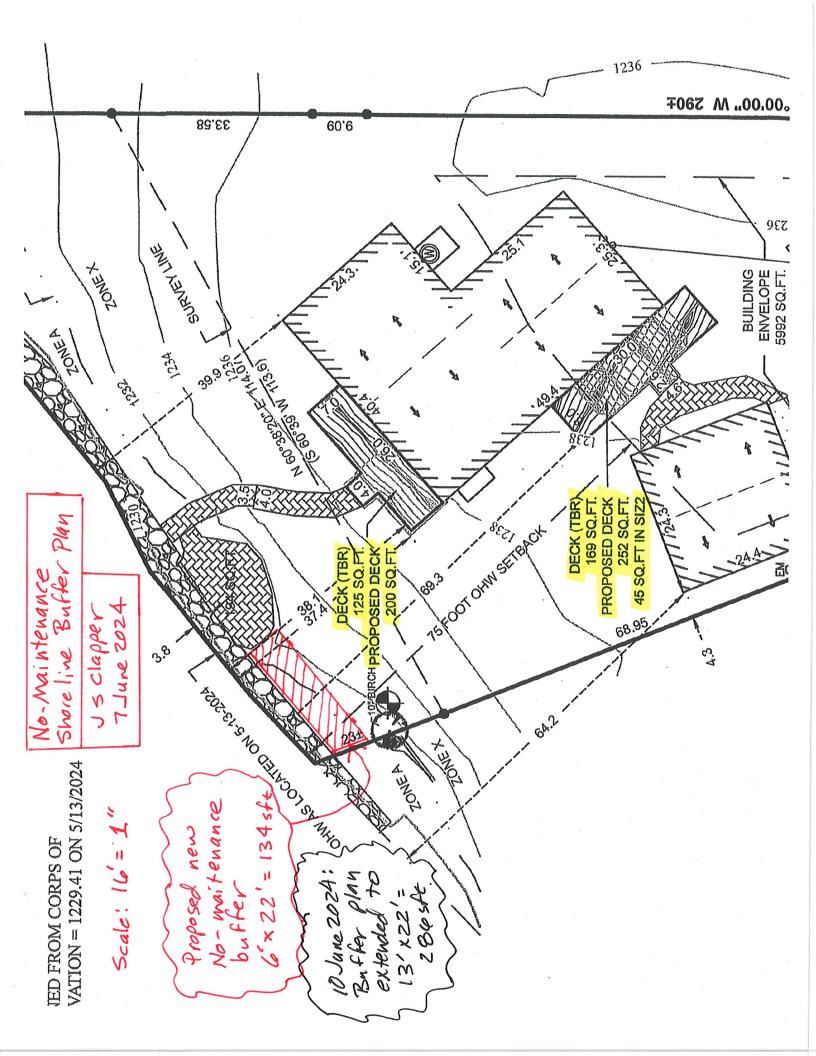
> James S Clapper 15258 Birch Narrows Rd Crosslake, MN 56442 Stormwater explanation p1 15June2024.pdf

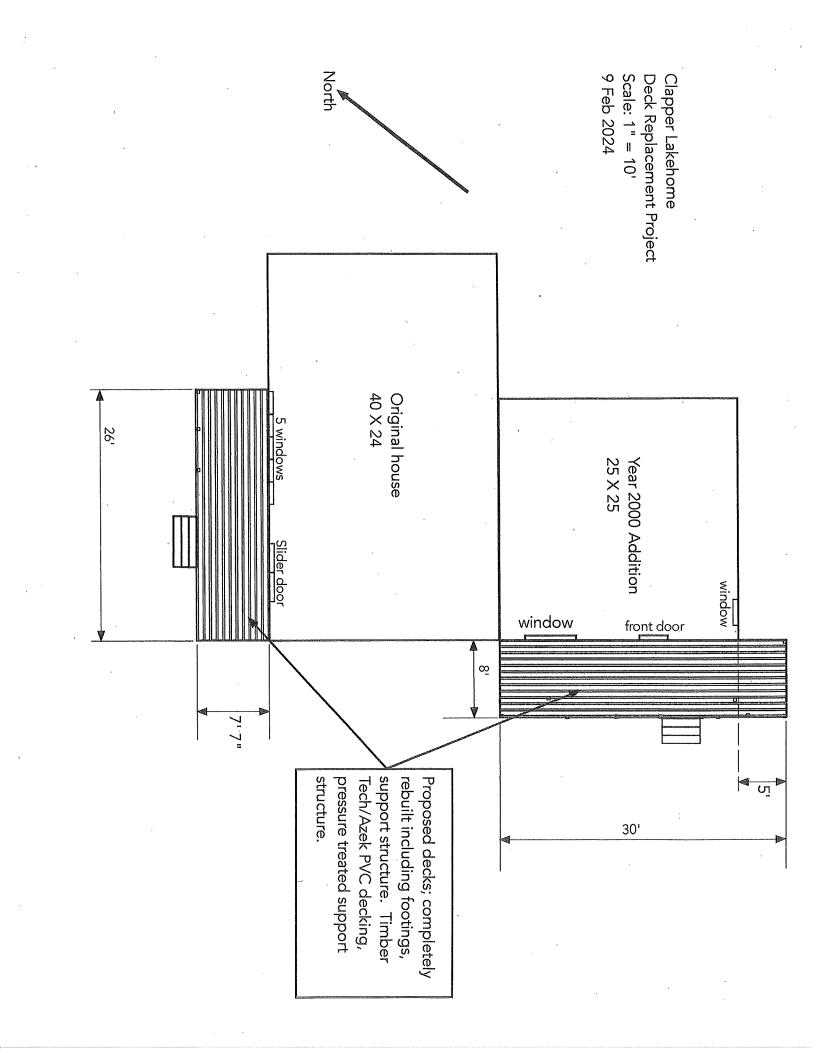


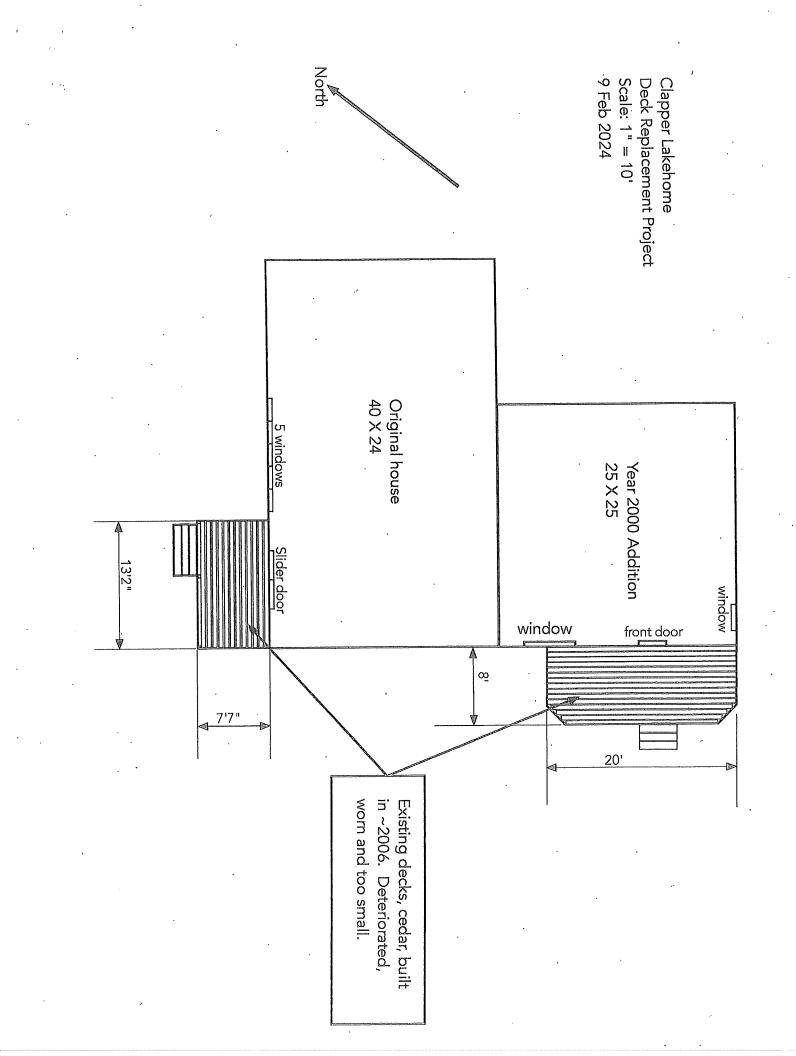
Rain gutters #4 and #5, on the south-west elevation. Both drain water from a rooftop area of 435 sft onto neutral slope, 49 feet away from OHW. Water runs onto combination of river rock and vegetation.

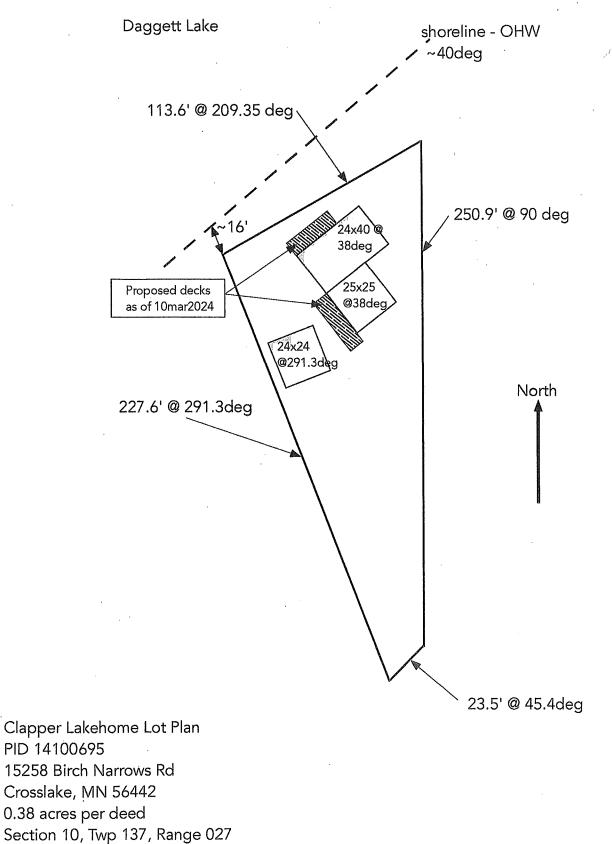
James S Clapper 15258 Birch Narrows Rd Crosslake, MN 56442 Stormwater explanation p2 15June2024.pdf











Scale: 1/4" = 12'

Appendix C: SHORELINE RAPID ASSESSMENT MODEL





The City of Crosslake's Shoreline Rapid Assessment Model (SRAM) is a tool for quickly and objectively determining the degree of natural vegetation along a shoreline and the amount of natural buffer required to meet Ordinance requirements. With this model, the Shore Impact Zones (SIZ-1 & SIZ-2) are evaluated for natural vegetative cover and a cumulative score is tallied. Vegetative restoration that may be necessary must be performed according to Article 19.

Shoreline:

Condition of Shoreline	Score:
Stable shoreline	0
< 25% of shoreline is eroding or unstable	-1
25-50% of shoreline is eroding or unstable	-2
50-75% of shoreline is eroding or unstable	-3
> 75% of shoreline is eroding or unstable	-4

Ground cover:

% Naturally Vegetated Cover in SIZ 1	Points:
< 25% natural ground cover	1
25-50% natural vegetative cover	3
50-75% natural vegetated cover	5
> 75% natural vegetated cover	7

% Naturally Vegetated Cover in SIZ 2	Points:
< 25% natural ground cover	1
25-50% natural vegetative cover	(2)
50-75% natural vegetative cover	3
> 75% natural vegetated cover	4

Trees / shrubs:

% Naturally Vegetated Cover in SIZ 1	Points:
< 25% of surface is covered by shrubs and trees	1
25-50% of surface is covered by shrubs and trees	3
50-75 % of surface is covered by shrubs and trees	5
> 75% of surface is covered by shrubs and trees	7

% Naturally Vegetated Cover in SIZ 2	Points:
< 25% of surface is covered by shrubs and trees	1
25-50% of surface is covered by shrubs and trees	\bigcirc
50-75 % of surface is covered by shrubs and trees	3
> 75% of surface is covered by shrubs and trees	4

Shoreline OHW

<u>If score is 0-5:</u> Leave a 20' No Mow Buffer &

possible other mitigation efforts

If score is 6-10:

Leave a 15' No Mow Buffer

If score is 11-15:

• Leave a 10' No Mow Buffer

Above buffers shall allow for an access area to lake, per Ordinance requirements

Landowner

Score

(Max Score = 22)

Permit or Parcel Number 14100695

Crosslake Planning & Zoning Department Staff

Variance Applic Planning and Zoning D 13888 Daggett Bay Road, Cros 218.692.2689 (Phone) 218.692.2687 (Fa	Department sslake, MN 56442	<u>ke.org</u>
Receipt Number: 244206	Permit Number:	240112∨
Property Owner(s): James S & Karen A Clapper		
Mailing Address: 115 W Pleasant Lk Rd, North Oaks, MN 55127	Varia (Check applica	
Site Address: 15258 Birch Narrows Rd, Crosslake, MN 56442	X Lake/River	Setback
Phone Number: 651-235-5779	37.47 200 De	t-of-Way Setback
E-Mail Address:j.s.clapper@comcast.net	🛛 Bluff Setba	ick
Parcel Number(s): 14100695 That part of the NE1/4 of SW1/4 descr as foll; beg at the pt on the E line of said NE1/4 of SW 15 Birch Narrows thence north 250.9ft alg saide Line W line of Lot 15 Birch Narrows W to the shore of Daggett Lake Legal Description? deg 16 min E 227.6 ft then N 44 deg 38 min E 23.5 ft to the place of beg with	1/4 which is the Side Yard thence S 60 deg 39 min W 113. easementsof record	Setback 6 ft alg said shore thence etback
Sec_10Twp_137Rge_2627X_28	🗌 Septic Tan	k Setback
Lake/River Name: Daggett Lake	□ Septic Dra	infield Setback
Do you own land adjacent to this parcel(s)? Yes X No	Impervious	s Coverage
If yes list Parcel Number(s)	□ Accessory	방법에는 것은 소설에서 전 것은 것은 것을 가지 않는 것을 수 있다.
Authorized Agent:	🗌 🗆 Building H	leight
Agent Address:	□ Patio Size	
Agent Phone Number:		
Signature of Property Owner(s) James & Chargen fore	~ A. CupperDate	7 June 202 4
Signature of Authorized Agent(s)	Date	
 All applications must be accompanied by a signed Certificate of S Fee \$500 for Residential and Commercial Payable to "City of Crown of the DRT does not constitute approval. Approval or denial of ap Planning Commission/Board of Adjustment at a public meeting a City of Crosslake Land Use Ordinance. 	eting. Submittal of an plications is determine	ed by the
For Office Use: Application accepted by Date Date	Land Use Dis	strict <u>SD</u>
Lake Class GD Septic: Compliance 6.5.24 SSTS Design	Installat	ion



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:

The property is zoned Shoreland District. The proposed decks are replacing existing decks for safer and better use and are a typical improvement on a Shoreland District property.

2. Is the Variance consistent with the Comprehensive Plan?

Yes 🛛 No 🗆

Why:

The request is consistent with the Comprehensive Plan replacing what is already in place and increasing size for better use.

3. Is the property owner proposing to use the property in a reasonable manner not permitted by the Land Use Ordinance?

Yes 🛛 No 🗆

Why: We have two small cedar decks attached to the exterior of the house that are beyond repair. The lakeside deck is within the setback and the other at the main entrance is just slightly inside the setback. We want to rebuild these decks and lengthen them to allow more seating

- and a table for meals.
- 4. Will the issuance of a Variance maintain the essential character of the locality? Yes ⊠ No □

Why:

The two decks will be extended alongside the house, but not extended outward from the house. Especially for the lakeside deck, it will not extend any closer to the lake.

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 original house was built in 1957 before shoreline setbacks were in place. The addition in 2000 was positioned to be outside the setback requirements of that time and the basic structure of the original house was maintained. The small lakeside deck adjoining the original structure is inside the current setback and was rebuilt in 2004 within its original footprint.

6. Does the need for a Variance involve more than economic considerations? Yes ⊠ No □

Why: The existing decks are quite small and do not allow use by more than a few people at a time. They do not have enough room to enjoy a meal outside and space for two grills.

By lengthening the decks, we can accomodate more people and eniov meals outside.

We are not able to meet the 25% impervious requirement but purposely put down pea gravel for our driveway to provide permeability, instead of bituminous and will keep it that way. The survey shows that any storm water runoff goes into the "1234.2" low area and not the lake.



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: