

Le Sueur County, MN

Thursday, August 9, 2018 Regular session

Item 1

Baker Packet

Staff Contact: Joshua Mankowski or Michelle R. Mettler

STAFF REPORT

GENERAL INFORMATION

APPLICANT/OWNER:

Kevin & Shannon Baker

911 ADDRESS:

47261 271st Ave, Madison Lake MN

PROJECT DESCRIPTION:

To allow the applicant to transfer the development right from the SE/NW to the SW/NW.

PARCEL NUMBER:

13.011.0200

CUP NUMBER:

18126

SITE INFORMATION

LOCATION:

NW 1/4, Section 11, Washington Township

ZONING DISTRICT:

Special Protection

ZONING DISTRICT PURPOSE:

The intent of the Special Protection (SP) District is to guide the wise development and utilization of shorelands of public waters for the preservation of water quality, natural characteristics, economic values and the general health, safety and welfare of all public waters in the unincorporated areas of the County. Further, the purpose of this district is to manage areas unsuitable for development due to wet soils, steep slopes or large areas of exposed bedrock; and to manage areas of unique natural and biological characteristics in accordance with compatible uses.

GENERAL SITE

DESCRIPTION:

Existing building site, previous feedlot, farmground, shoreland.

ACCESS:

Existing off 271st Ave, shared driveway, approved by road authority.

EXISTING LAND USE WITHIN 1/4 MILE:

North: Ag land and scattered rural residences

East: Ag land and lake

South: Ag land, lake and scattered rural residences West: Ag land, lake and rural scattered residences

BACKGROUND INFORMATION

The 30-acre parcel is an existing building site that was a previously a feedlot operation. The transfer will relocate the building eligibility from the SE/NW on the East side of the lake to the SW/NW on the West side of the lake. The new building site will be moved from ag land and will occupy land from the previous farmstead closer to the road. There is room for a primary and secondary Type 1 septic system and water supply for the new parcel. The septic system for the existing dwelling has recently been updated.

TOWNSHIP BOARD NOTIFICATION

Public Notice sent to Township via mail. Robert Kaveney from Washington Township was contacted on May 10, 2018 by applicant.

NATURAL RESOURCES INFORMATION

SHORELAND:

The proposal is located within the Shoreland District.

LAKE:

Un-named Natural Environment Lake

Natural Environment Lake - Lakes that usually have less than one hundred fifty (150) total acres, less than sixty (60) acres per mile of shoreline, and less than three (3) dwellings per mile of shoreline. They may have some winter kill of fish; may have shallow, swampy shoreline; and are less than fifteen (15) feet deep.

WETLANDS:

areas.

According to the National Wetlands Inventory, Type 1, 3, & 4 wetlands located in the quarter-quarter section where the project is proposed.

ATTACHMENTS

Application, description of request, site plan, aerial photo, Findings of Fact sheet, house plans, septic site plan, shared access approval, erosion control plan

STAFF FINDINGS

ZONING ORDINANCE SECTIONS:

Section 13.1, Section 21

GOALS & POLICIES: The current Land Use Plan as adopted in 2007 does make reference to preserving ag land, clustered development and development standards on Natural Environment lakes.

<u>GOAL #1:</u> Le Sueur County contains some of the most productive agricultural soils in Minnesota and should adopt and enforce land use goals and policies that conserve and protect agricultural resources and uses.

Objective 1: The County will protect the best of its agricultural land as a resource for long term agricultural use.

Action 1: The County will continue using an Agricultural District with the ultimate aim being to preserve large contiguous agricultural land tracts for agricultural use.

<u>GOAL#2:</u> Le Sueur County should adopt and enforce land use goals and policies that conserve and restore its natural resources, bring protections to the ecological systems of the natural environment, and prevent the premature development of natural resource areas.

Objective 3: Preserve shoreland

Preserve shorelands on Natural Environment Lakes (NE) and Tributary Rivers as open space or wildlife

Action 1: Use the agricultural zone density controls for housing development standards in Natural Environment Lake special protection areas and tributary rivers.

Action 2: On Natural Environment Lakes where land is zoned residential, continue using the larger lot sizes and water setback standards that were set in the 1996 amendments.

GOAL #4: Le Sueur County should adopt and enforce land use goals and policies that provide a wide range of Opportunity for Urban and Rural Housing Development.

Objective 1: Le Sueur County should allow non-farm development to occur in agricultural areas, but with guidelines meant to reduce conflicts with agricultural operators.

Action 4: Single family housing development in the agricultural district should be encouraged to develop in a clustered fashion rather than as scattered single sites.

Action 6: Adopt a Transfer of Development Rights component to the zoning ordinance in which a property owner could transfer one development right from 1/4 1/4 to an adjacent 1/4 1/4.

DNR GUIDANCE LETTERS

1. Administration, Compliance, and Enforcement

pg. 1

2. Natural Shorelines

pg. 5

ENVIRONMENTAL PERFORMANCE STANDARDS-SECTION 18

WETLAND:

Type 1, 3, 4 wetlands are present on the property.

BLUFF:

There is not a bluff on the proposed site.

EROSION CONTROL:

Erosion control measures to be placed prior to construction and remain until vegetation is re-established.

2

PLANNING AND ZONING COMMISSION CONSIDERATIONS

The Planning Commission and staff shall consider possible adverse effects of the proposed conditional use and what additional requirements may be necessary to reduce such adverse effects. Its judgment shall be based upon the following factors to include, but not limited to:

- 1. Relationship to County plans.
- 2. The geographical area involved.
- 3. Whether such use will negatively affect surrounding properties in the area in which it is proposed.
- 4. The character of the surrounding area.
- 5. The demonstrated need for such use.
- 6. Whether the proposed use would cause odors, dust, flies, vermin, smoke, gas, noise, or vibration or would impose hazards to life or property in the neighborhood.
- 7. Whether such use would inherently lead to or encourage disturbing influences in the neighborhood.
- Whether stored equipment or materials would be screened and whether there would be continuous operation within the
 visible range of surrounding residences.
- 9. Abatement of Environmental Hazards as regulated in this Ordinance.
- 10. Other factors impacting the public health, safety and welfare.

11. Additional considerations:

- a. The site is adequate for water supply and on-site sewage treatment.
- b. The new building site will be a 6.31-acre parcel. The existing building site will be a 6.54-acre parcel.
- c. Building eligibility is moving the eligibility from one side of the lake to the other in an SP district.

PLANNING AND ZONING COMMISSION CONDITIONS

The Planning Commission shall recommend such conditions relating to the granting of said Conditional Use Permit, as they deem necessary to carry out the intent and purpose of this Ordinance or recommend that the request be denied. Such recommendation shall be in writing. The conditions may include, but are not limited to the following:

- 1. Increasing the required lot size or yard dimension.
- 2. Limiting the height, size, or location of the structures.
- 3. Controlling the location, size, and number of vehicle access points.
- 4. Increasing the street width.
- 5. Increasing the number of required off-street parking space.
- 6. Limiting the number, size, location, or lighting of signs.
- 7. Requiring diking, fencing, screening, landscaping or other facilities to protect adjacent or nearby property.
- 8. Designating sites for open space.
- 9.

SHORELAND DISTRICT-EVLAUATION CRITERIA

- 1. The prevention of soil erosion or other possible pollution of public waters, both during and after construction.
- 2. The visibility of structures and other facilities as viewed from public waters is limited.
- 3. The types, uses, and numbers of watercraft that the project will generate are compatible in relation to the suitability of public waters to safely accommodate this watercraft.

SHORELAND DISTRICT CONDITIONS

- 1. Increased setbacks from the ordinary high water level.
- 2. Limitations on the natural vegetation to be removed or the requirement that additional vegetation be planted.
- 3. Special provisions for the location, design, and use of structures, sewage treatment system, watercraft, launching and docking areas, and vehicle parking areas.

CONDITIONAL USE PERMIT

LE SUEUR COUNTY PLANNING AND ZONING 88 SOUTH PARK AVENUE

LE CENTER MN 56057
Direct Dial (507) 357-8538 Fax (507) 357-8541

APPLICATI 60 DAY RUI APPLICANT ADDRESS: CITY:	ING DATE	E: 8/28/20 SHANNON I AVE)18	PERMIT NUMBER LAND OWNER ADDRESS: CITY:		C	
STATE:	MN	ZIP	56063	STATE:	MN	ZIP: 56063	
PHONE:	507-381-4	174		PHONE:	50781.6375		
911: NEW 27	1ST AVE. MA	ADISON LAK	E. MN				
PARCEL #:	13.011.0200				TOWNSHIP:	WASHINGTON	
SEC:	11	SUBDIV:	NA				
TWP:	109	LOT:	NA		DISTRICT:	SP	
RANGE:	25	BLOCK:	NA		FEMA PANEL #	‡ 27079C0270D	
QTR/QTR:	NW	ROAD:	CR		FLOOD ZONE:	X OUTSIDE	
petition your I thereof, the following the f	Honorable Bo llowing facts a son for Re	dies to grant are presented equested (E APPLICAN	a Conditio : C onditio	(s) of the property descri mal Use Permit, as herei onal Use Permit. ANSFER THE DEVELOI	nafter designated, a	nd in support	
			Denial	of Request as Lis	ted in Findings	5.	
3.) Special Conditions of Conditional Use Permit. RECORDED LEGAL DESRIPTION OF PROPERTY MUST BE SUBMITTED PRIOR TO ISSUANCE OF ZONING PERMITS. ADDITIONAL CONDITIONS AS STATED IN RECORD.							
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PUBLIC H	EARING 1	DATE:	8/	79/2018 A	CTION:		
AS WRI	TTEN				WITH COND	ITIONS	
COUNTY	BOARD D	ATE: _	8/28	A A	CTION:		
AS WRI	TTEN				WITH CONDI	TIONS	
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LE SUEUR COUNTY CONDITIONAL USE PERMIT CRITERIA

Conditional Use Permit #: 18126

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Doug	Jeanne	Shirley	Don Ry	Al	TOTAL	
Adequate measures have been or will be taken to prevent and control offensive odor, fumes, dust, noise and vibration, so that none of these will constitute a nuisance, and to control lighted signs and other lights in such manner that no disturbance to neighboring properties will result.						nes, dust, noise and I other lights in such a
	Jeanne	Shirley	Don Ry	Al	TOTAL	
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9			and the second s			is consistent with the Comprehensive Land Use Plan. Doug Jeanne Shirley Don Ry AI TOTAL

Le Sueur County

Co	nditional Use Application	
l.	Applicant: /	
	Name KEVIN & SHANNON BAKER	
	Mailing Address 47261 271 Avenue	
	City Madison Lake State WN Zip 56063	
	Phone # 507 - 381 - 4174 Phone # 507 - 381 - 6375	
II.	Landowner:	
•••	Name KEVIN + SHANNON BAKER	
	Mailing Address 47261 271 AULULE	
	City Whadison Lake State WN Zip 56063	
	Property Address	
	City Zip	
	Phone # Phone #	
III.	Parcel Information:	
	Parcel Information: Parcel Number 3, 61,0200 Parcel Acreage	
	Attach Full Legal Description (NOT abbreviated description from tax statement) Township Section	
	Township Washing ton Section II Subdivision Lot Block	
IV.	Township Notification: Township must be notified of proposed use prior to applicate	tion.
	Township notified on 5/10/2018 (Date)	
	(Township Name) (Date)	
	Board Member Robert Kauline regarding the proposed use.	
V.	Quantities and Submittal Formats:	
	a. One (1) reproducible 8.5" x 11" copy of the request and all other supporting documents	S.
	b. Twenty three (28) copies must be submitted, if any documents are in color, an aerial, of larger than 8.5" x 11" in size.	or
	c. Electronic version of any supporting documents if available.	
	c. Additional copies may be requested as deemed necessary by the Department.	
	d. Application must be made <u>in person</u> by the applicant and/or landowner no later than 1 on the date of application deadline.	12 P.M.
	e. Appointment is necessary.	
	f. Applications will not be accepted by mail.	
VI.	Fees: Must be paid at the time of application.	
	Conditional Use Permit \$ 750 After-The-Fact fee is doubled . Filing Fee \$ 46	
	Additional Fees: Special Meeting \$ 2,000 After-The-Fact Penalty \$ 1,500 OR 10% of improvement, whichever is greater	

VII.	Type of Request:						
	☐ Self Service Storage ☐ School/Church/Cemetery ☐ Retail Nursery/Greenhouse ☐ School/Church/Cemetery ☐ School/Church/Cemetery ☐ School/Church/Cemetery ☐ School/Church/Cemetery ☐ Value Added Agriculture ☐ Antique Sales/Service/Repair ☐ Substation/Transmission Lines etc. ☐ Other ☐ ☐ ☐ Other ☐ ☐ ☐ Other ☐ ☐ ☐ ☐ Other ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐						
VIII.	Description of Request:						
	a. A full description of request with detailed information must be attached.						
b. Complete the following in relationship to the proposed Conditional Use Permit.							
	A. PROPOSED DAYS AND HOURS OF OPERATION:						
	ESTIMATED NUMBER OF PERSONS TO ATTEND PLACE OF BUSINESS/LOCATION ON A DAILY OR WEEKLY BASIS:						
LIST OF PUBLIC HEALTH PLANS:							
	i. Water Supply: Showed Well						
	ii. Toilet facilities:						
ii. Toilet facilities: iii. Solid Waste Collection: Wante Management							
4. FIRE PREVENTION:							
							8 DESCRIBE IF THE APPLICANT REQUESTS THE COUNTY TO PROVIDE ANY SERVICES OR COUNTY PERSONNEL: (For example, pedestrian and/or vehicular traffic control.)
	SOUND AMPLIFICATION, PUBLIC ADDRESS SYSTEM, PLAYING OF MUSIC:						
	16. EXTERIOR LIGHTING:						
	1. PARKING AND LOADING:						
	/12. SIGNAGE:						
	13. ROAD ACCESS: (Approved by the road authority)						
	14. CERTIFICATE OF INSURANCE: Du attacked						
	15. MEET ALL APPLICABLE COUNTY STATE & FEDERAL REGULATIONS: (For example additional licensing and/or permitting)						
IX.	Site Plan: Shall include but not limited to the following:						
	North point Lake Existing Structures Septic system						
	 Setbacks Proposed Structures Well Lot Dimensions Access (size & location) 						
	Road Right-Of-Way Stream Ponds Easements						
	Parking (Size & location-if applicable to application)						

Landscape, screening and buffering (if applicable to application)
Location of significant trees to be removed (if applicable to application)

IX.

,1	b. Site Plan- c. Full legal d. Access ap e. Township f. Septic Sys	on of Request-See Part VIII for full See Part IX for full details and requidescription-Not abbreviated descriptor-Not approval in writing for Notification-See Part IV for details stem Compliance Inspection ontrol plan-Attach completed and see and/or blue prints	irements. iption from tax statement. Rory rom proper road authority. s and requirements.				
XI.	Procedure:						
	The Planning & Zoning Commission shall hold a public hearing on the proposed Conditional Use Permit at a scheduled Planning and Zoning Commission meeting.						
The Planning and Zoning Commission is an advisory board to the County Board Commissioners and will make a recommendation to the County Board.							
The Department shall report the finings and the recommendations of the Planning Commission the County Board for final decision.							
Action by the County Board shall be a majority vote of its members.							
The Department shall notify the applicant and/or landowner in writing of the County Boa decision. A certified copy of the Conditional Use Permit shall be filed with the Le Sueur County Recorder the Department.							
						XII.	Signatures:
	I hereby certify with my sicorrect to the best of my leading to the property of the property o		as well as all supporting data are true and U 2 (2018) Date				
		another that all data contained barries					
	correct to the best of my	knowledge.	as well as all supporting data are true and				
	Property Owner signat	ire	Date				
Requ	uest: TOP S	OFFICE USE ONLY	he SW/NW				
Meetir 60 Da	pp Date 6-24-(8) ng Date 9-9-(8) y 7-28-18 g District 5-9	Lake Classification	Feedlot 500' 1000 N Wetland Type 1-2 3-8 N Water courses Y N Bluff Y N				
☐ Site	quest Description e Plan I Legal dinance	Access Approval Erosion Control Plan Blue Prints Other	Septic Comp Insp / Design Meeting Reg / ATF / Spec Fee \$() Penalty \$				

3

18126 Permit#

Application Complete

Planning & Zoning Department Signature

Attn: Le Sueur County Planning and Zoning Commission

Request: Conditional Use Permit to Transfer Development Right

Overview:

We have lived on our farm in Washington township Section 11 for 38+ years. We would like to sell our current farmhouse to our daughter and her family and build a home on the same property, but in an area that will preserve the prime agricultural land. The proposed site is in the Southwest Quarter of the Northwest Quarter of Section 11, Washington Township. Our current farmhouse is in this same quarter-quarter section. Per Special Protection District zoning, transfer of development rights may be utilized to exceed the permitted housing density of one dwelling per quarter-quarter section. This transfer would not exceed the four dwellings per quarter-quarter section limit.

DESCRIPTION OF REQUEST:

The proposal is to transfer development rights from:

The Southeast Quarter of the Northwest Quarter of Section 11, Washington Township

The Southwest Quarter of the Northwest Quarter of Section 11, Washington Township

Building on the proposed site would preserve prime agricultural land (Goal #1 of Le Sueur County Land Use Goals and Policies) and would be consistent with Goals of preserving natural resources and water quality.

Additional Information:

We have been in contact with Planning and Zoning office and are assured that all other requirements for the requested building site are in compliance; including setbacks, sewage and water capabilities, lot dimensions, etc. We have received Variance # 18073 dated June 21, 2018 to allow new property line within 15 feet from existing shed.

Summary:

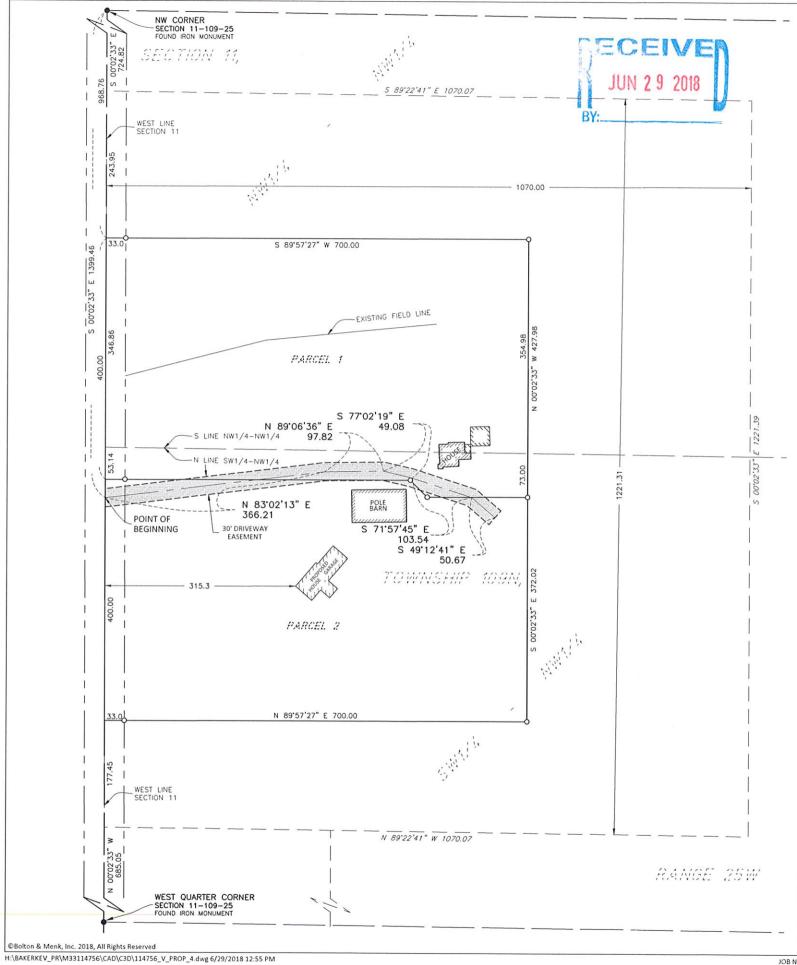
to:

Building in the proposed area would preserve prime agricultural farmland and allow us to pass the farmhouse to a family member in an affordable manner. We respectfully request your consideration of this conditional use permit.

Thank you,

Kevin Baker

Shannon Baker



PROPERTY DESCRIPTION

That part of The West 1070.00 feet of the North 1221.31 feet of the South 1906.31 feet of the West Half of the Northwest Quarter of Section 11, Township 109 North, Range 25 West, Le Sueur County, Minnesota, described as

Commencing at the northwest corner of said Section 11; thence South 00 degrees 02 minutes 33 seconds East (Minnesota County Coordinate System, Le Sueur County, NAD83, 1996 adjustment) along the west line of said Section 11, a distance of 968.77 feet to the point of beginning; thence continuing South 00 degrees 02 minutes 33 seconds East along said west line, a distance of 400.00 feet; thence North 89 degrees 57 minutes 27 seconds East, a distance of 506.60 feet; thence South 45 degrees 02 minutes 33 seconds East, a distance of 39.54 feet; thence North 89 degrees 57 minutes 44 seconds East, a distance of 165.44 feet; thence North 00 degrees 02 minutes 33 seconds West parallel with said west line of said Section 11, a distance of 427.98 feet; thence South 89 degrees 57 minutes 27 seconds West, a distance of 700.00 feet to the point of beginning.

Contains 6.54 acres of land.

PARCEL 2

That part of The West 1070.00 feet of the North 1221.31 feet of the South 1906.31 feet of the West Half of the Northwest Quarter of Section 11, Township 109 North, Range 25 West, Le Sueur County, Minnesota, described as

Commencing at the northwest corner of said Section 11; thence South 00 degrees 02 minutes 33 seconds East (Minnesota County Coordinate System, Le Sueur County, NAD83, 1996 adjustment) along the west line of said Section 11, a distance of 968.77 feet; thence continuing South 00 degrees 02 minutes 33 seconds East along said west line, a distance of 400.00 feet to the point of beginning; thence North 89 degrees 57 minutes 27 seconds East, a distance of 506.60 feet; thence South 45 degrees 02 minutes 33 seconds East, a distance of 39.54 feet; thence North 89 degrees 57 minutes 44 seconds East, a distance of 165.44 feet; thence South 00 degrees 02 minutes 33 seconds East parallel with said west line, a distance of 372.02 feet; thence South 89 degrees 57 minutes 27 seconds West, a distance of 700.00 feet to said west line of said Section 11; thence North 00 degrees 02 minutes 33 seconds West along said west line, a distance of 400.00 feet to the point of beginning.

Contains 6.31 acres of land.

TOGETHER WITH AND SUBJECT TO

DRIVEWAY EASEMENT

A 30.00 foot wide easement for access purposes, over, under, and across the above described PROPERTY, being 15.00 feet on each side of the following described centerline:

Commencing at the northwest corner of Section 11, Township 109 North, Range 25 West, Le Sueur County, Minnesota; thence South 00 degrees 02 minutes 33 seconds East along the west line of said Section 11 (Minnesota County Coordinate System, Le Sueur County, NAD83, 1996 adjustment), a distance of 1399.46 feet to the point of beginning; thence North 83 degrees 02 minutes 13 seconds East, a distance of 366.21 feet; thence North 89 degrees 06 minutes 36 seconds East, a distance of 97.82 feet; thence South 77 degrees 02 minutes 19 seconds East, a distance of 49.08 feet; thence South 71 degrees 57 minutes 45 seconds East, a distance of 103.54 feet; thence South 49 degrees 12 minutes 41 seconds East, a distance of 50.67 feet to the point of termination

Contains 0.46 acres of land.

PARCEL ID 13.011.0200

ADDRESS

47261 271ST AVE MADISON LAKE

OWNER

KEVIN M & SHANNON M BAKER



SURVEYOR'S CERTIFICATION

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

06/29/2018

CERTIFICATE OF EASEMENT

1960 PREMIER DRIVE NKATO, MINNESOTA 56001 (507) 625-4171

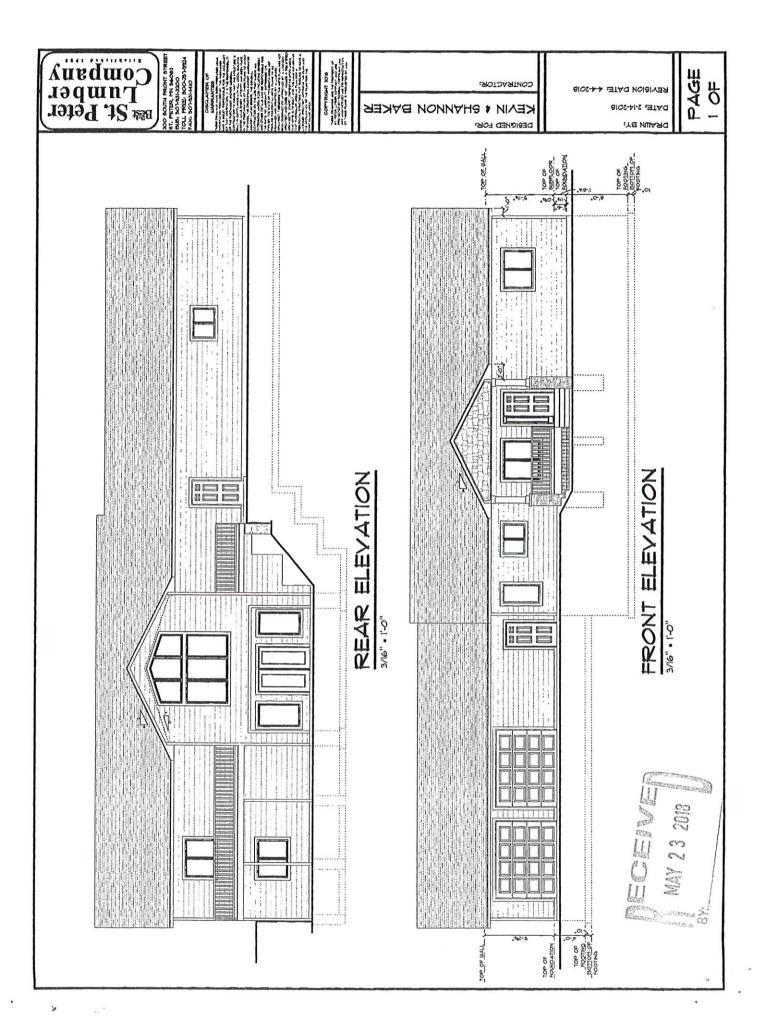
DRAWN BY: ASL

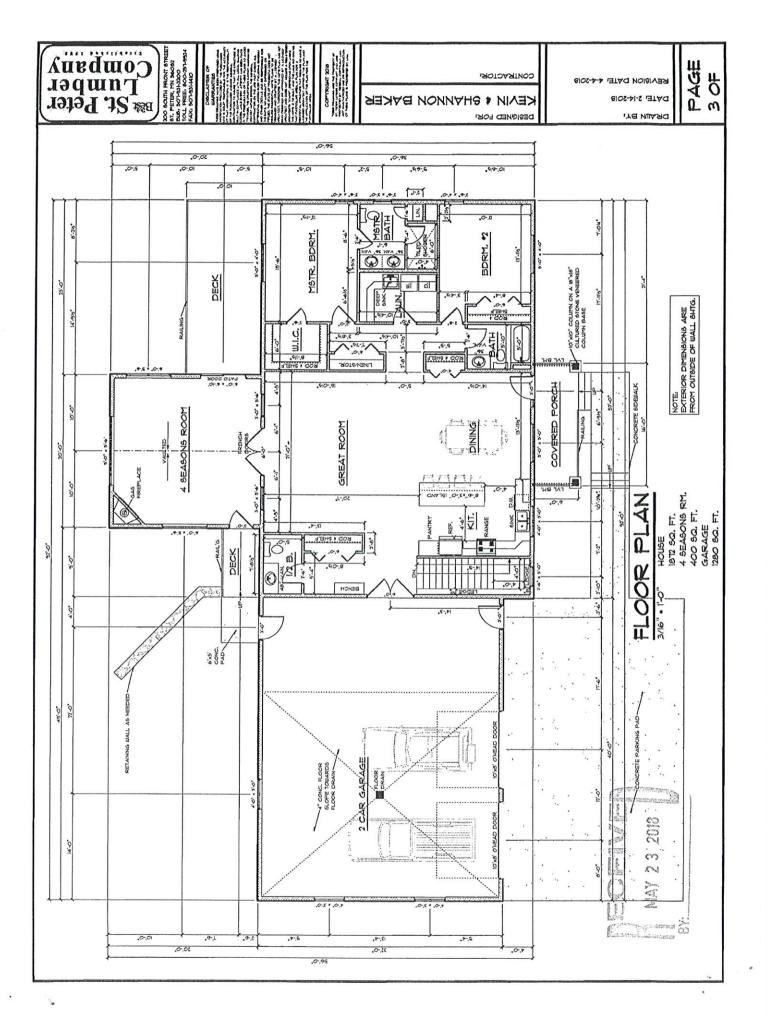
PART OF THE WEST HALF OF THE NW QUARTER OF SECTION 11 TWP. 109N, RGE. 25W

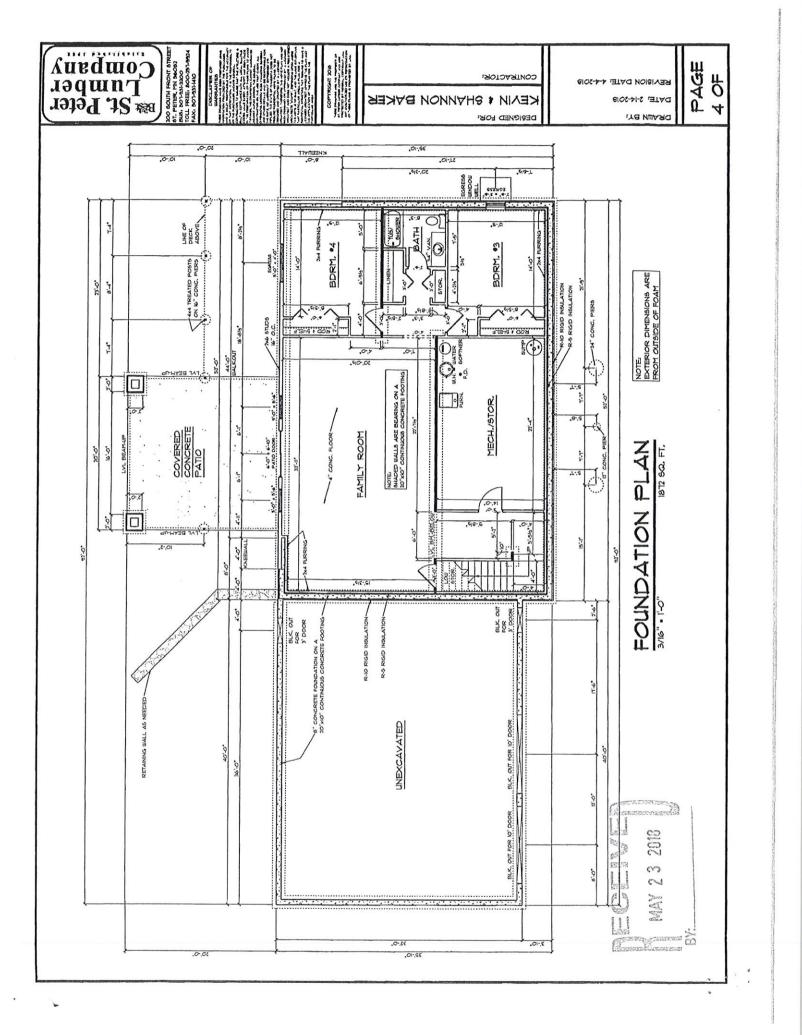
FOR: KEVIN BAKER

4.0 \$11-109-25-23-24

JOB NUMBER: M33.114756

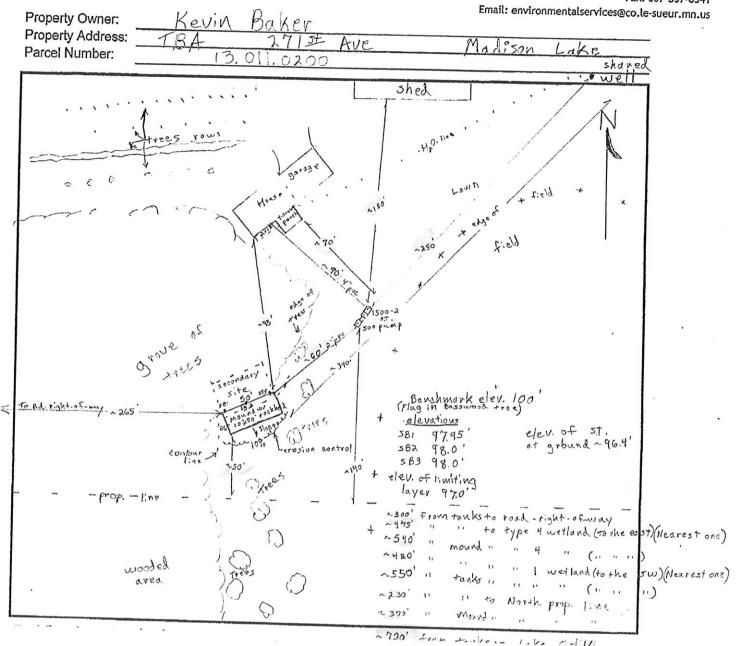






Direct Dial: 507-357-8538

Fax: 507-357-8541



Mettler, Michelle

From:

Tiegs, David

Sent:

Tuesday, May 22, 2018 10:05 AM

To:

Mettler, Michelle

Cc:

'sbakerjgm@gmail.com'

Subject:

FW: Baker, Kevin and Shannon parcel ID

Michelle, Shannon Baker contacted me regarding using the existing entrance to parcel 13.011.0200 as a shared entrance to a second home site. The use of the existing entrance as a shared entrance is fine with the County Highway Department. Should anything else be needed from the Highway Department please let me know.

Thanks,
Dave Tiegs
Le Sueur County
Highway Engineer

From: sbaker [mailto:sbakerjgm@gmail.com] **Sent:** Tuesday, May 22, 2018 9:08 AM

To: Tiegs, David

Subject: Baker, Kevin and Shannon parcel ID

Hello,

The parcel ID is 13.011.0200.

The proposed building site is south of the shed slightly into the wooded area. Access would be gained from current driveway and just west of the shed.

Please let us know if you need anything else.

Thank you,

Shannon Baker

LE SUEUR COUNTY ENVIRONMENTAL SERVICES 88 SOUTH PARK AVE.

LE CENTER, MINNESOTA 56057-1620

(507) 357-2251 FAX (507) 357-8541

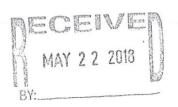
Erosion and Sediment Control Plan

Goal: To control erosion and prevent sediment and other pollutants from entering the lakes, streams, wetlands, and storm drain systems during construction.

Property Owner: Mailing Address: Property Address: リフレリ	a Shannon Bal 271 Avenue 271 Avenue	Madison	Lake, MN 5	E 200 J
'Phone:()	Mobile	e/Cell:(501) 38	1-4174	
Responsible party for Implem Address: 47241 27	1 Ave Madisa	KEVINBAKETZ M Lake, Mn e/Cell:(507) 381-	1 56063	-

Erosion & Sediment Control Measures

- 1. Maintain existing vegetation whenever possible and minimize the area of disturbance. Retain and protect trees to enhance future landscaping efforts and to reduce raindrop impact. (Vegetation is the best and most cost-effective erosion control practice).
- 2. Install all erosion and sediment control practices prior to any soil disturbing activities, when applicable.
- 3. Phase construction activities to minimize the areas disturbed at one time. This will also allow completed areas to be stabilized and re-vegetated before disturbing adjacent sites.
- 4. Maintain and protect all natural waterways. Retain at least a 20-foot wide strip of natural vegetation along all waterways to filter out sediment and other pollutants.
- 5. Minimize the use of impermeable surfaces such as roofs, driveways, parking lots and roads. The Environmental Resources staff must approve all storm water runoff plans.
- 6. Use rock rip-rap at both the outlet and inlet ends of culverts to prevent scour erosion.
- 7. Limit construction equipment to designated areas to control soil compaction.
- 8. Install silt fence on the down-slope perimeter of all disturbed areas according to the attached installation instructions. Sensitive areas such as wetlands, drainage swales and shoreland areas should also be protected with silt fence.
- 9. Install straw bale checks or rock check dams in areas of concentrated flow.
- 10. Cover any stockpiled topsoil with plastic or other impervious covering. Use stockpiled topsoil as earthen berms to serve as temporary sediment basins.



11. Mulch all disturbed areas at the rate of one 50-pound bale of straw per 500 square feet. On slopes 4:1 or steeper use the following erosion control blankets that have been pinned to the slope according to the manufacturer's instructions:

2:1 slopes or steeper

Straw/Coconut Blanket or High Velocity Wood Blanket

3:1 slopes or steeper

Wood or Straw Blanket with net on both sides

4:1 slopes or steeper

Wood or Straw Mulch blanket with net on one side

Flat areas

Straw Mulch w/disc anchoring

- seed all disturbed areas within seven days of final grading and temporary seed/mulch all areas that will be left inactive for more than seven days. Do not seed later than September 1st. Areas that need to be seeded after this date should be dormant seeded in late October or early November. See the attached instruction sheet for recommended mixtures and rates. The use of native plant materials, including trees and shrubs, is encouraged. Native species will provide good vegetative cover that is adapted to our soils and climate.
 - 13. Apply fertilizer according to soil test recommendations.
- 14. Install water bars on access roads to prevent concentrated water from flowing down the road and eroding gravel.
- 15. Attach a site map showing the location of all erosion control practices, property lines, roads, lakes, watercourses, wetlands, on-site systems and building locations.

Note: To reduce mud transported onto paved roads, a rock construction entrance may be required. This will require a six-inch layer of 1-2 inch diameter washed rock a minimum of 50 feet in length.

Inspection and Maintenance

- 16. Inspect the construction site every 7 days and within 24 hours after every rain event to ensure the practices are working properly (i.e. silt fences, water bars).
- 17. Clean out the silt fences when they are 1/3 full of sediment or replace with functional silt fences within 24 hours.
- 18. Clean out sediment basins on a regular basis to maintain capacity.

I agree to install, inspect and maintain the above practices to accomplish the goal of preventing erosion.

(Person Responsible for Implementation)

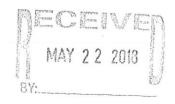
5/18/2018 5/18/2018

If you have any questions, please contact Environmental Services, at 507-357-8538.

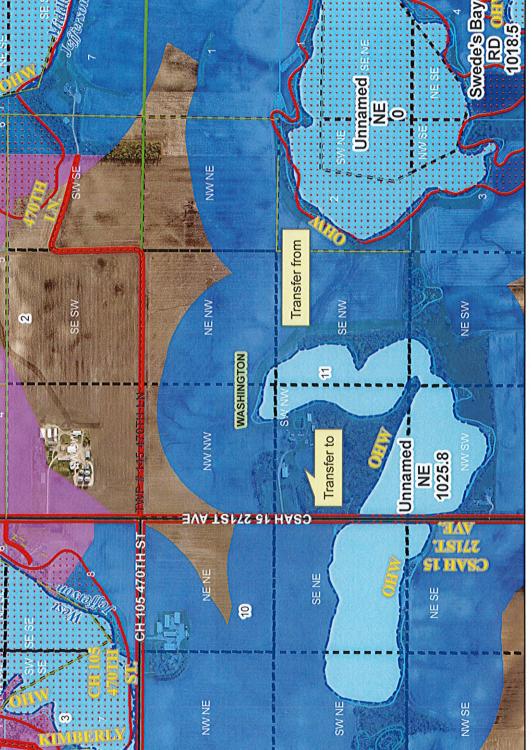
EROSION CONTROL PLAN for HOUSE CONSTRUCTION

Kevin and Shannon Baker 2018

- Existing trees will be preserved as much as possible. Minimum number of trees to accommodate house and construction will be removed. Many of trees needing to removed will be replanted adjacent to construction area.
- Phases of construction will commence as follows:
 - o Installation of septic and drain field
 - o Installation of water line from existing on-site well
 - Excavation of building site
- A berm consisting of wood chips will be constructed adjacent to the downslope on the
 east side of building site. This berm will be inspected and maintained throughout entire
 construction project.
- Stockpiled topsoil will be covered with plastic.
- Any disturbed areas with slopes 4:1 or steeper will be mulched according to criteria set forth by Le Sueur County Environmental Services.
- Disturbed areas will be seeded per Le Sueur County requirements. Specific seeding times will be dependent upon timing of construction commencement and finish.
- Fertilizers will be applied per soil test recommendations.
- Current driveway will serve as access road to construction site.



Protection NAME: PID: DATE: FIRM #: F-Zone: **District**: RFPE:





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accurately interpret the source data used in their preparation. However, a degree of error is inherent in all maps, Reasonable efforts have been made by the Le Sueur County GIS Department to verify that these maps hese maps may contain omissions and errors in scale, resolution, rectification, positional accuracy, These maps should not be used for navigational, engineering, legal, or any other site-specific use. development methodology, interpretation of source data, and other circumstances. The maps are date specific and are intended for use only at the published scale.

Coordinate System: NAD 1983 HARN Adj MN Le Sueur Feet

Created By: MRM

LE SUEUR COUNTY ENVIRONMENTAL SERVICES

SE NW