

# Onsite Septic System Application

Becker County Planning & Z  
915 Lake Ave, Detroit Lakes, MN 56501  
Phone (218)-846-7314; Fax (218)-

PARCEL	
APP	SEPTIC
YEAR	



**1. PROPERTY DATA (as it appears on the tax statement, purchase agreement or deed)**

Parcel Number(s) of property where the system will be installed: 060360002

Is this a split of an existing property? Yes  No

(If yes and a parcel number has not yet been assigned, indicate the main parcel number from which the new parcel was split.)

Section 23 Township 138 Range 043 Township Name Cormorant

Lake Name Cormorant Lake Classification \_\_\_\_\_

Legal Description: Gov lot 1 Gov lot 2 E of Ln Con Sec Con Lot 4 Blk 1 sub 1 s 379.92' E 300.68 to Pole N 175.25 N Ely 222.87 S Ely 141.94 N Ely 143.6' NW 182'

Project Address: 15730 Snowshoe Beach Rd

**2. PROPERTY OWNER INFORMATION (as it appears on the tax statement, purchase agreement or deed)**

Owner's First Name Kelly Owner's Last Name Skarred

Mailing Address 4484 St. Hwy 200 City, State, Zip Gary, MN 56545

Phone Number \_\_\_\_\_

**3. DESIGNER/INSTALLER INFORMATION**

Designer Name Daryl Byszka Company Name \_\_\_\_\_ License # 478

Address \_\_\_\_\_ Phone Number \_\_\_\_\_

Installer Name Daryl Byszka Company Name \_\_\_\_\_ License # 478

Address \_\_\_\_\_ Phone Number \_\_\_\_\_

**4. SYSTEM DESIGN INFORMATION**

System Status

What will new system serve? Check one

- Vacant Lot-No existing system-new structure
- Replacement - structure removed and being rebuilt
- Failing -Replacement- cesspool/seepage pit or other
- Enlargement of system-Undersized
- Repairs Needed to existing
- Additional system on property

- Dwelling
- Resort/Commercial
- Commercial (Non-resort)
- Other - explain below \_\_\_\_\_

8-29-2017 Date of site evaluation

Design Flow 450 Gallons Per Day

Number of Bedrooms 3

Garbage Disposal  Yes  No

Dishwasher  Yes  No

Lift station in House  Yes  No

Grinder pump in House  Yes  No

Well Depth 50'  
Depth of other wells within 100 ft of system \_\_\_\_\_

Original Soil  Compacted Soil \_\_\_\_\_  
Type of Soil Observation  
Pit  Probe  Boring  
Depth to Restricting Layer 60'  
Maximum Depth of System 2'

Size of All Tanks to be installed

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> gal Single Compartment Septic Tank | <input type="checkbox"/> gal Separate Lift Station | <input type="checkbox"/> Existing tank w/new Additional Tank |
| <u>1500</u> gal Compartmented Tank                          | <input type="checkbox"/> gal Holding Tank          | <input type="checkbox"/> Existing tank w/new Lift Station    |
| <input type="checkbox"/> Pit Privy                          | <input type="checkbox"/> Existing Tank to be used  | <input type="checkbox"/> Holding Tank with Privy             |

Total Number of tanks to be installed in this system 1 (This # will be reported to MPCA at end of year.)

PARCEL	
APP	SEPTIC
YEAR	

Type of Drainfield  
 Chamber Trench  
 \_\_\_\_\_ Rock Trench  
 \_\_\_\_\_ Gravelless  
 \_\_\_\_\_ Mound  
 \_\_\_\_\_ Pressure Bed  
 \_\_\_\_\_ Seepage Bed  
 \_\_\_\_\_ At-grade  
 \_\_\_\_\_ Alternative / Performance

Full Size of Drainfield  
 572 sq ft  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft \*\*\*  
 \_\_\_\_\_ sq ft \*\*\*  
 \_\_\_\_\_ sq ft \*\*\*  
 \_\_\_\_\_ sq ft \*\*\*

Reduced/Warrantied size  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft

\*\*\*Attach Worksheets

Type of chamber 04-high cap  
 Depth of Rock \_\_\_\_\_  
 Alarm? Yes \_\_\_\_\_ No   
 Type of Alarm   
 Size of Lift Pump   
 Size of Lift Line

PROPOSED SETBACKS

	TANK	DRAINFIELD
Distance to Well	100' +	100' +
Distance to Building	10' +	20'
Distance to Property Line	10' +	10' +
Distance to OHW of Lake	1000' +	1000' +
Distance to Pressure Line	10' +	10' +
Distance to Wetland/Protected Water	_____	_____

Perc Rate 5 in 1 Soil Sizing Factor 1.27 \*If SSF other than .83, attach Perc Test Data

Soil Borings (three are required)

Depth	Texture	Color	Structure	Depth	Texture	Color	Structure
0-10	black			0-12	black		
10-36	sandy loam	10y 4/6		12-30	sandy loam	10y 4/6	
36-60	sand	10y 4/4		30-60	sand	10y 4/4	

Depth	Texture	Color	Structure	Depth	Texture	Color	Structure
0-10	black						
10-30	sandy loam	10y 4/6					
30-60	sand	10y 4/4					

5. REQUIRED DOCUMENTS

U of MN worksheets are required for mounds, pressure beds, seepage beds, at-grades or Type IV or Type V systems. Are the required worksheets attached? \_\_\_\_\_ Yes  No

6. DESIGNER'S CERTIFIED STATEMENT

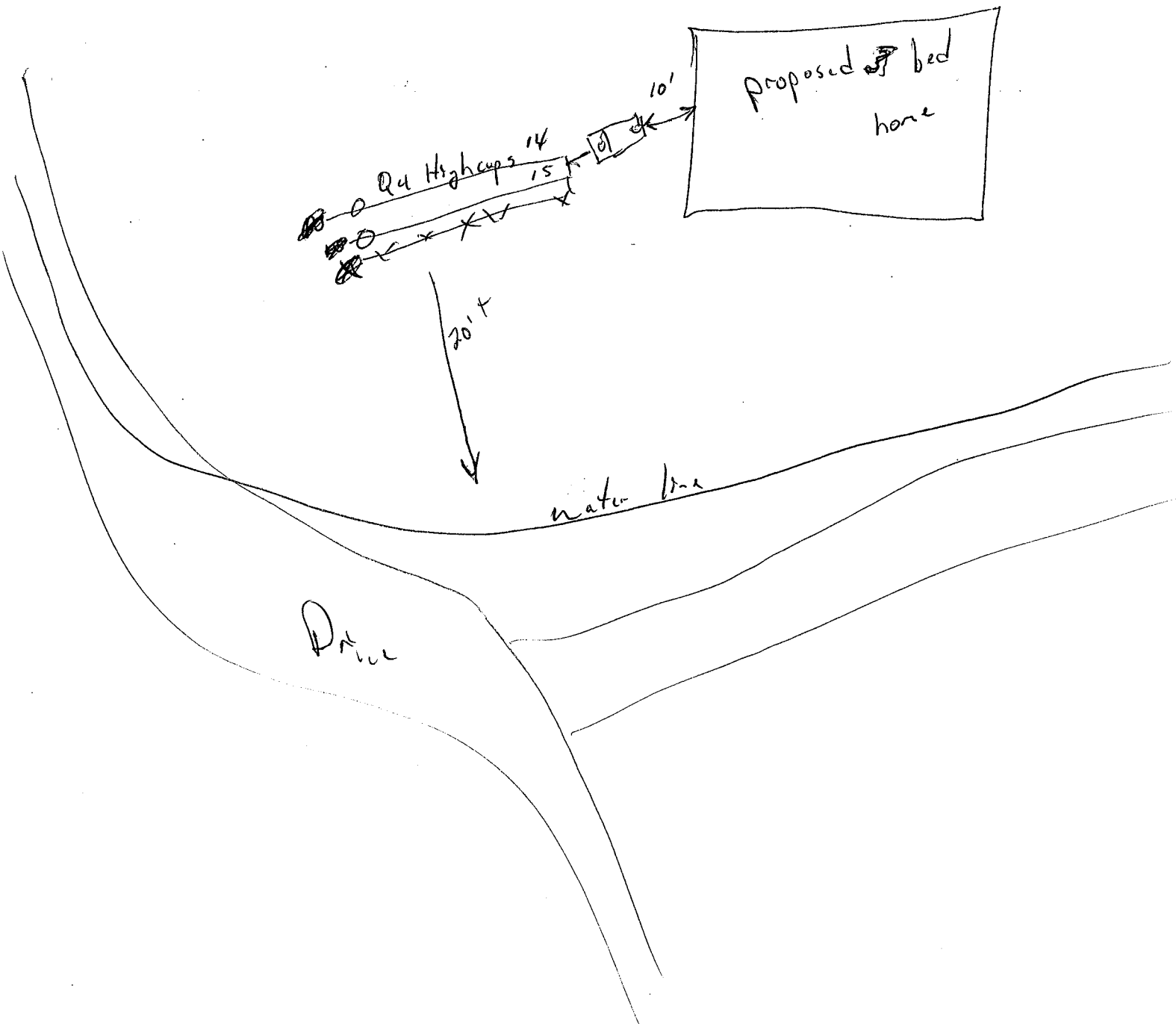
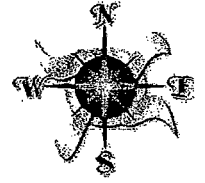
I, Ray J. Bysch certify that I have completed the preceding design work in accordance with all applicable requirements (including, but not limited to Minnesota Chapter 7080 and the Becker County Individual Sewage Treatment System Ordinance).

Signature of Designer Ray J. Bysch Date 8-28-2017

# SKETCH OF PROPERTY

Please sketch all structures and septic systems on the property;  
Include setbacks and wells within 100 feet of the property.

PARCEL	
APP	SEPTIC INSPECTION
YEAR	



\*\*\*\*\* FOR OFFICE USE ONLY \*\*\*\*\*

Application Approved by: Linda Stoll Date: 9/7/17  
 Amount Paid 150.00 Receipt Number 104630-659632 Permit Number \_\_\_\_\_  
 NOTES: 9/7/17

\*\*\*\*\*  
**INSPECTION REPORT**  
 \*\*\*\*\*

**Home Information**

Does the structure contain any of the following elements?

Garbage disposer  Yes  No Dishwasher  Yes  No  
 Grinder pump  Yes  No Lift pump in basement  Yes  No  
 Effluent screen installed?  Yes  No Effluent screen manufacturer \_\_\_\_\_

Alarm required?  Yes  No Alarm Type \_\_\_\_\_ Alarm manufacturer \_\_\_\_\_

Lift pump in system?  Yes  No Pump manufacturer \_\_\_\_\_

Number of bedrooms 3

**Component Information**

Tank size 1500 2/c Tank manufacturer Brown  
 Drainfield size 572 sq.ft. Medium manufacturer 29 445  
 Drainfield medium \_\_\_\_\_  
 Drainfield medium size/depth \_\_\_\_\_

**Soil Verification**

Vertical separation verified for Boring #1 on \_\_\_\_\_ Depth +36"  
 Vertical separation verified for Boring #2 on \_\_\_\_\_ Depth \_\_\_\_\_  
 Vertical separation verified for Boring #3 on \_\_\_\_\_ Depth \_\_\_\_\_

**Setback Verification**

	TANK	DRAINFIELD
Distance to Well	<u>+100</u>	<u>+100</u>
Distance to Building	<u>+10</u>	<u>+20</u>
Distance to Property Line	<u>+10</u>	<u>+10</u>
Distance to OHW of Lake	<u>+1000</u>	<u>+1000</u>
Distance to Pressure Line	<u>+10</u>	<u>+10</u>
Distance to Wetland/Protected Water	<u>-</u>	<u>-</u>

Date System Installed 9/21/17 Installer Bergstrom, Inc. Inspector Linda Stoll

\*\*\*\*\*  
 \*\*\*\*\*

**CERTIFICATE OF COMPLIANCE**

( ) Certificate Is Hereby Denied  
 (X) Certificate is Hereby Granted Based upon the Application, addendum from, plans, specifications and all other supporting data.  
 With property maintenance, this system can be expected to function satisfactory, however, this is not a guarantee.

Linda Stoll Signature Title IS ts inspector Date 9/21/17

(Certificate of Compliance is not valid unless signed by a Registered Qualified Employee)

# Onsite Septic System Application

Becker County Planning & Zoning  
 915 Lake Ave, Detroit Lakes, MN 56501  
 Phone (218)-846-7314; Fax (218)-846-7266

PARCEL	
APP	SEPTIC
YEAR	
SCANNED	
LAKE	

**1. PROPERTY DATA (as it appears on the tax statement, purchase agreement or deed)**

Parcel Number(s) of property where the system will be installed: 06036002 06-0360-002

Is this a split of an existing property?  No

(If yes and a parcel number has not yet been assigned, indicate the main parcel number from which the new parcel was split.)

Section 23 Township 138 Range 43 Township Name Common

Lake Name Common Lake Classification 2D

Legal Description: Cont lot 1 Less 9.6 Ac less 2.02 Ac Less 8.1 Ac Less 7.5 Ac Less 3.18 Ac (6-0360-001)

Project Address: \_\_\_\_\_

**2. PROPERTY OWNER INFORMATION (as it appears on the tax statement, purchase agreement or deed)**

Owner's First Name Benny Owner's Last Name Fran

Mailing Address 15730 Snow shoe Rd City, State, Zip Lake Park, MN 56554

Phone Number 701-280-0176

**3. DESIGNER/INSTALLER INFORMATION**

Designer Name [Signature] Company Name \_\_\_\_\_ License # 478

Address \_\_\_\_\_ Phone Number \_\_\_\_\_

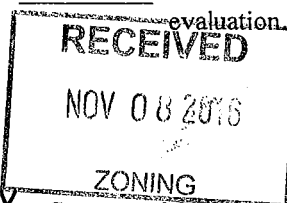
Installer Name [Signature] Company Name \_\_\_\_\_ License # 478

Address \_\_\_\_\_ Phone Number \_\_\_\_\_

**4. SYSTEM DESIGN INFORMATION**

System Status \_\_\_\_\_ What will new system serve? Check one

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Vacant Lot-No existing system-new structure | <input checked="" type="checkbox"/> Dwelling     |
| <input type="checkbox"/> Replacement - structure removed and being rebuilt      | <input type="checkbox"/> Resort/Commercial       |
| <input type="checkbox"/> Failing -Replacement- cesspool/seepage pit or other    | <input type="checkbox"/> Commercial (Non-resort) |
| <input type="checkbox"/> Enlargement of system-Undersized                       | <input type="checkbox"/> Other - explain below   |
| <input type="checkbox"/> Repairs Needed to existing                             |  |
| <input type="checkbox"/> Additional system on property                          |  |

11-7-2016 Date of site evaluation  


Design Flow 450 Gallons Per Day  
 Number of Bedrooms 3  
 Garbage Disposal Yes  No   
 Dishwasher  Yes  No  
 Lift station in House Yes  No   
 Grinder pump in House Yes  No

Well Depth no well yet  
 Depth of other wells within 100 ft of system \_\_\_\_\_

Original Soil  Compacted Soil \_\_\_\_\_  
 Type of Soil Observation  
 Pit  Probe  Boring  
 Depth to Restricting Layer 6'+  
 Maximum Depth of System 3'

Size of All Tanks to be installed

<input type="checkbox"/> gal Single Compartment Septic Tank	<input type="checkbox"/> gal Separate Lift Station	<input type="checkbox"/> Existing tank w/new Additional Tank
<u>1500</u> gal Compartmented Tank	<input type="checkbox"/> gal Holding Tank	<input type="checkbox"/> Existing tank w/new Lift Station
<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Existing Tank to be used	<input type="checkbox"/> Holding Tank with Privy

Total Number of tanks to be installed in this system 1 (This # will be reported to MPCA at end of year.)

PARCEL	
APP	SEPTIC
YEAR	

Type of Drainfield  
 Chamber Trench  
 \_\_\_\_\_ Rock Trench  
 \_\_\_\_\_ Gravelless  
 \_\_\_\_\_ Mound  
 \_\_\_\_\_ Pressure Bed  
 \_\_\_\_\_ Seepage Bed  
 \_\_\_\_\_ At-grade  
 \_\_\_\_\_ Alternative / Performance

Full Size of Drainfield  
572 sq ft  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft \*\*\*  
 \_\_\_\_\_ sq ft \*\*\*  
 \_\_\_\_\_ sq ft \*\*\*  
 \_\_\_\_\_ sq ft \*\*\*  
 \_\_\_\_\_ sq ft \*\*\*

Reduced/Warrantied size  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft  
 \_\_\_\_\_ sq ft

\*\*\*Attach Worksheets

Type of chamber 04-High Cap  
 Depth of Rock \_\_\_\_\_  
 Alarm? Yes \_\_\_\_\_ No   
 Type of Alarm \_\_\_\_\_  
 Size of Lift Pump \_\_\_\_\_  
 Size of Lift Line \_\_\_\_\_

PROPOSED SETBACKS

	TANK	DRAINFIELD
Distance to Well		
Distance to Building	<u>10'+</u>	<u>20'+</u>
Distance to Property Line	<u>10'+</u>	<u>10'+</u>
Distance to OHW of Lake	<u>100'+</u>	<u>100'+</u>
Distance to Pressure Line		
Distance to Wetland/Protected Water		

Perc Rate Sand Soil Sizing Factor 1.27 \*If SSF other than .83, attach Perc Test Data

Soil Borings (three are required)

Depth	Texture	Color	Structure		Depth	Texture	Color	Structure
<u>0-10</u>	<u>black</u>				<u>0-9</u>	<u>black</u>		
<u>10-72</u>	<u>sand</u>	<u>10y 4/6</u>			<u>9-72</u>	<u>sand</u>	<u>10y 4/6</u>	<u>-</u>

Depth	Texture	Color	Structure		Depth	Texture	Color	Structure
<u>0-11</u>	<u>black</u>							
<u>11-72</u>	<u>sandy loam</u>	<u>10y 4/6</u>						

5. REQUIRED DOCUMENTS

U of MN worksheets are required for mounds, pressure beds, seepage beds, at-grades or Type IV or Type V systems. Are the required worksheets attached? Yes \_\_\_\_\_ No

6. DESIGNER'S CERTIFIED STATEMENT

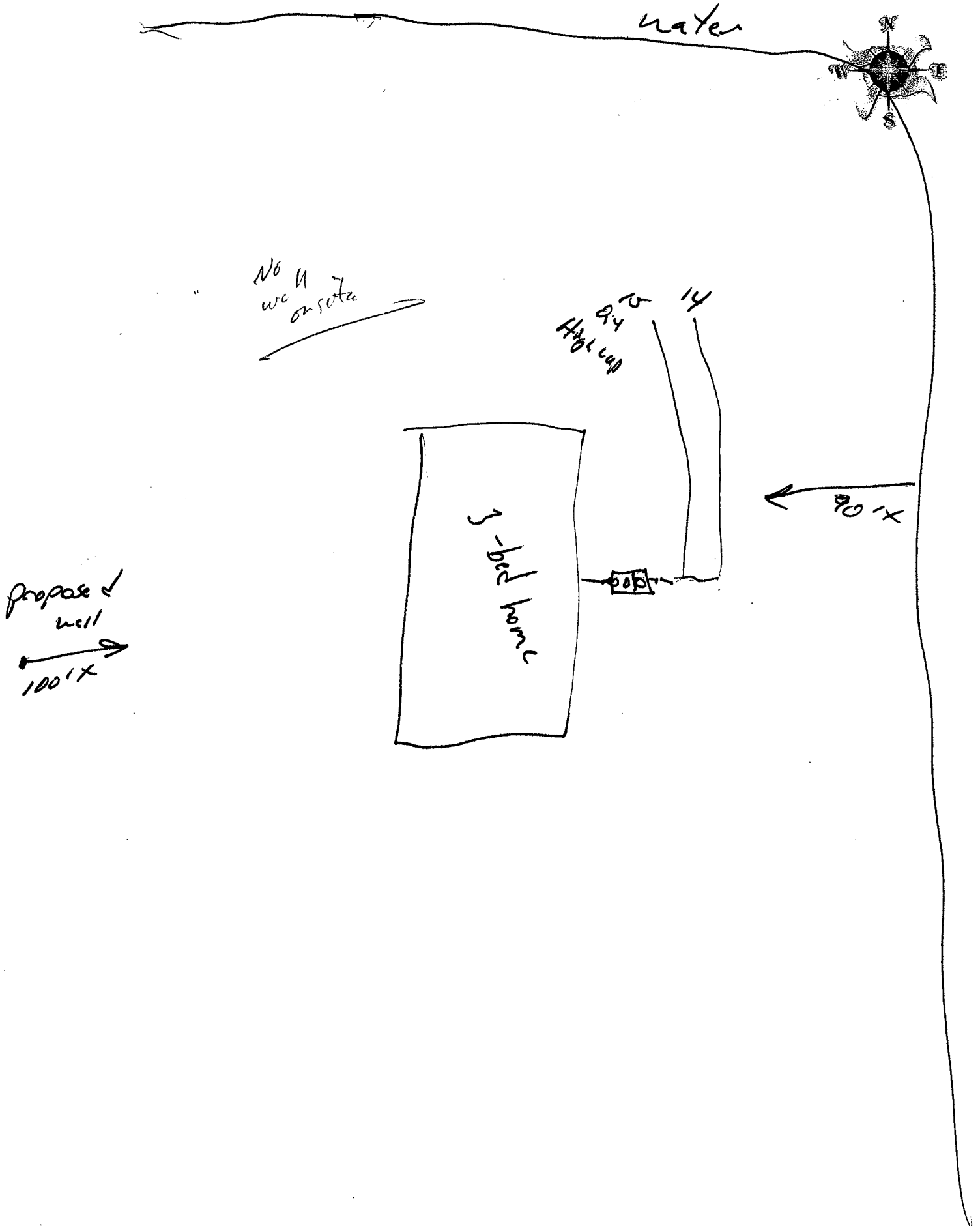
I, Darryl J. Jepsen certify that I have completed the preceding design work in accordance with all applicable requirements (including, but not limited to Minnesota Chapter 7080 and the Becker County Individual Sewage Treatment System Ordinance).

Signature of Designer Darryl J. Jepsen Date 11-7-2016

# SKETCH OF PROPERTY

Please sketch all structures and septic systems on the property;  
Include setbacks and wells within 100 feet of the property.

PARCEL	
APP	SEPTIC INSPECTION
YEAR	



\*\*\*\*\* FOR OFFICE USE ONLY \*\*\*\*\*

Application Approved by: Laurie Stoll Date: 11/9/16  
 Amount Paid 150.00 Receipt Number 222991 Permit Number \_\_\_\_\_  
 NOTES: 635483

INSPECTION REPORT

Home Information

Does the structure contain any of the following elements?

Garbage disposer  Yes  No Dishwasher  Yes  No  
 Grinder pump  Yes  No Lift pump in basement  Yes  No  
 Effluent screen installed?  Yes  No Effluent screen manufacturer \_\_\_\_\_

Alarm required?  Yes  No Alarm Type \_\_\_\_\_ Alarm manufacturer \_\_\_\_\_

Lift pump in system?  Yes  No Pump manufacturer \_\_\_\_\_

Number of bedrooms 3

Component Information

Tank size 1500 2/c Tank manufacturer Brown  
 Drainfield size 572 sq.ft. Medium manufacturer 29 QKS  
 Drainfield medium \_\_\_\_\_  
 Drainfield medium size/depth \_\_\_\_\_

Soil Verification

Vertical separation verified for Boring #1 on \_\_\_\_\_ Depth +36"  
 Vertical separation verified for Boring #2 on \_\_\_\_\_ Depth \_\_\_\_\_  
 Vertical separation verified for Boring #3 on \_\_\_\_\_ Depth \_\_\_\_\_

Setback Verification

	TANK	DRAINFIELD
Distance to Well	<u>no well onsite</u>	
Distance to Building	<u>+10</u>	<u>+20</u>
Distance to Property Line	<u>+10</u>	<u>+10</u>
Distance to OHW of Lake	<u>+100</u>	<u>+100</u>
Distance to Pressure Line	<u>N/A</u>	<u>N/A</u>
Distance to Wetland/Protected Water	<u>N/A</u>	<u>N/A</u>

Date System Installed 11/10/16 Installer Bergstrom Exc. Inspector Laurie Stoll

CERTIFICATE OF COMPLIANCE

( ) Certificate Is Hereby Denied  
 (X) Certificate is Hereby Granted Based upon the Application, addendum from, plans, specifications and all other supporting data.  
 With property maintenance, this system can be expected to function satisfactory, however, this is not a guarantee.

Signature Laurie Stoll Title Site Inspector Date 11/10/16

(Certificate of Compliance is not valid unless signed by a Registered Qualified Employee)