



280289000

Septic System Application

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

PARCEL	280289000
APP	SEPTIC
YEAR	2015
SCANNED	
LAKE	SHELL

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: 280289000Is 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 14 Township 140 Range 38Township Name SHELL LAKE

RECEIVED

Lake Name SHELLLake Classification RD

OCT 21 2015

Legal Description: LOT 9, BLOCK 001, MAPLE SHORES

ZONING

Project Address: 45340 MAPLE SHORES LANE, OSAGE, MN.

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

Owner's First Name BRADLEY J. + SUSAN M. Owner's Last Name NEUBAUERMailing Address 11555 WASHINGTON ST NE City, State, Zip BLAINE, MN. 55434

Phone Number _____

3. DESIGNER/INSTALLER INFORMATION

Designer Name BON GIRTZCompany Name J. DENNIS + R. GIRTZ EXC. License # 826Address 26565 CR 125
PARK RAPIDS, MN 56470Phone Number 218-255-1660Installer Name "SAME"

Company Name _____ License # _____

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

10-15-2015 Date of site evaluation

Design Flow 150 Gallons Per DayWell Depth Proposed DEEP Original Soil Compacted Soil _____Number of Bedrooms 3

Depth of other wells within

Type of Soil Observation

Garbage Disposal Yes No100 ft of system DEEP Pit Probe BoringDishwasher Yes NoDepth to Restricting Layer 88"Lift station in House Yes NoMaximum Depth of System 48"Grinder pump in House Yes No

Size of All Tanks to be installed

<u>1500</u>	gal Single Compartment Septic Tank	gal Separate Lift Station
	gal Compartmented Tank	gal Holding Tank
	Pit Privy	Existing Tank to be used

 Existing tank w/new Additional Tank Existing tank w/new Lift Station Holding Tank with PrivyTotal Number of tanks to be installed in this system 1 (This # will be reported to MPCA at end of year.)

PARCEL	28028900
APP	SEPTIC
YEAR	2015

Type of Drainfield	Full Size of Drainfield	Reduced/Warrantied size	Type of chamber
Chamber Trench	sq ft	sq ft	
<input checked="" type="checkbox"/> Rock Trench	572 sq ft	sq ft	Depth of Rock _____
Gravelless	sq ft	sq ft	
Mound	sq ft ***	sq ft	
Pressure Bed	sq ft ***	sq ft	Alarm? Yes _____ No _____
Seepage Bed	sq ft ***	sq ft	Type of Alarm _____
At-grade	sq ft ***	sq ft	Size of Lift Pump _____
Alternative / Performance	sq ft ***	***Attach Worksheets	Size of Lift Line _____

PROPOSED SETBACKS

TANK	DRAINFIELD
------	------------

Distance to Well	+50	+50
Distance to Building	+10	+20
Distance to Property Line	+10	+10
Distance to OHW of Lake	+100	+100
Distance to Pressure Line	+10	+10
Distance to Wetland/Protected Water	+75	+75

Perc Rate 6-15 MPI Soil Sizing Factor 1.27

*If SSF other than .83, attach Perc Test Data

<u>SB</u> Soil Borings (three are required) #1								
Depth	Texture	Color	Structure		Depth	Texture	Color	Structure
0-10	Topsoil	10 YR 3/2			0-11"	Topsoil	10 YR 3/2	
10"-38"	loamy sand	10 YR 5/4			11"-36"	loamy sand	10 YR 5/4	
38"-78"	Sandy loam	10 YR 6/4			36"-75"	Sandy loam	10 YR 6/4	
78"-88"	Sandy clay	2.5 Y 6/4			75"-82"	Sandy clay	2.5 Y 6/4	

<u>SB #2</u>								
Depth	Texture	Color	Structure		Depth	Texture	Color	Structure
0-8"	Topsoil	10 YR 3/2						
8"-35"	Sandy loam	10 YR 5/4						
35"-72"	loamy sandy	10 YR 6/4						
72"-82"	Sandy clay	2.5 Y 6/4						

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, Ron Girty 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).

Ron Girty
Signature of Designer

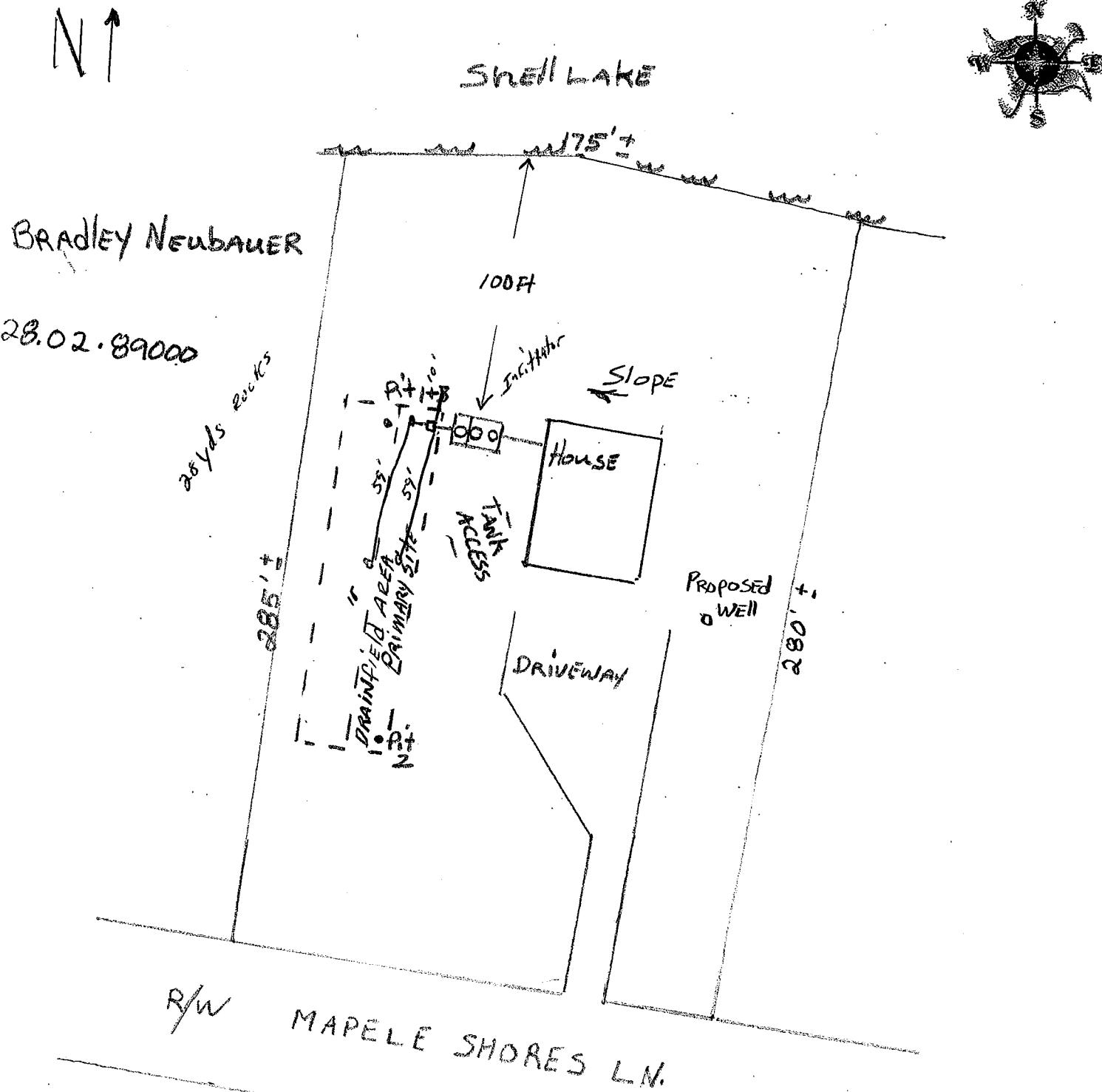
10-15-2015

Date

SKETCH OF PROPERTY

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

PARCEL	280289000
APP	SEPTIC INSPECTION
YEAR	2015



191391-603883

COC 10-28-15

PARCEL	APP	SEPTIC
YEAR		

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

Application Approved by: Lehi Moltz Date: 10-21-15
 Amount Paid 150 Receipt Number 191391-603883 Permit Number
 NOTES:

Mailed to RON Girtz 2 10-28-15

INSPECTION REPORT

Home Information

Does the structure contain any of the following elements?

Garbage disposer Yes No
 Grinder pump Yes No
 Effluent screen installed? Yes No

Dishwasher Yes No
 Lift pump in basement 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

Tank manufacturer Infiltrator

Drainfield size 572 Reduced

Drainfield medium

Drainfield medium size/depth

Medium manufacturer 128 linear ft 18" Rock

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

Distance to Well
 Distance to Building
 Distance to Property Line
 Distance to OHW of Lake
 Distance to Pressure Line
 Distance to Wetland/Protected Water

TANK	DRAINFIELD
<u>+50</u>	<u>+50</u>
<u>+10</u>	<u>+20</u>
<u>+10</u>	<u>+10</u>
<u>+100</u>	<u>+100</u>
<u>+10</u>	<u>+10</u>
<u>+75</u>	<u>+75</u>

Date System Installed 10/27/15

Installer Girtz Exc Inspector LandStell

CERTIFICATE OF COMPLIANCE

() Certificate Is Hereby Denied

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

LandStell

Signature

Title

Date

TS Inspecto

10/27/15

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