



080906821



Becker County Planning & Zoning
915 Lake Ave
Detroit Lakes, MN 56501
(218) 846-7314
www.co.becker.mn.us

Certificate of Compliance

Inspection Report - Permit #: SS2019-302

Owner & Property Information

Owner Name:	BARBARA ROBISON	Site Address:	21768 FLOYD LAKE DR
Mailing Address:	BARBARA ROBISON 313 W 3RD AVE S ADA MN 56510	Township - Sec/Twp/Rng:	DETROIT - 04/139/041
Parcel #:	080906821	Legal Description:	Lot 011 Block 002 of FLOYD LAKE ACRES
Secondary Parcel #:		Designer:	Thorson Septic Design, LLC (Dan Thorson)
		Installer:	Metry Septic & Excavating LLC (Colin Metry)

Inspector Verified Specifications

Insp- Effluent Screen Installed:	No	Insp- Tank Nbr/Size:	2/1500 & 1000
Insp- Alarm Required:	Yes	Insp- Drainfield Type:	Pressure Bed
Insp- Lift Pump in System:	Yes	Insp- Drainfield Size:	760 20' X 38' pressure bed
Insp- Number of Bedrooms:	4	Insp- Soil Verification:	#1:see attached log #2:N/A #3:N/A

Inspector Verified Setbacks

Insp- Tank Dist to Road	200+	Insp- Drainfield Dist to Road	50
Insp- Tank Dist to Nearest Prop Line	30	Insp- Drainfield Dist to Nearest Prop Line	30
Insp- Tank Dist to Nearest Structure	15	Insp- Drainfield Dist to Nearest Structure	60
Insp- Tank Dist to Well	TBI	Insp- Drainfield Dist to Well	
Insp- Tank Dist to OHW	95+	Insp- Drainfield Dist to OHW	200+
Insp- Tank Dist to Pond/Wetland		Insp- Drainfield Dist to Pond/Wetland	
Insp- Tank Dist to Pressure Line	TBI	Insp- Drainfield Dist to Pressure Line	

Certificate of Compliance

(Yes) 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.

Certification Date: 10/24/2019

Zoning Office Signature:

Denise Gubrud

Denise Gubrud - ISTS Inspector

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

Field Review Form

Permit # SS2019-302

Property and Owner

Owner: BARBARA ROBISON

Parcel Number: 080906821

Site Address: 21768 FLOYD LAKE DR

Secondary Parcel:

Home Information

Does the structure contain any of the following elements?

Designer submitted

Inspector verified

Garbage disposal: No

Dishwasher: Yes

Grinder pump: No

Lift pump in bsmt: No

Garbage disposal? Y (N)

Dishwasher? (Y) N

Grinder pump? Y (N)

Lift pump in basement? Y (N)

Number of bedrooms: 4

Review - Number of bedrooms: 4

Effluent screen

Effluent screen installed? Y (N) Mfr:

Alarm: Yes Type: Outdoor

Review - Alarm? (Y) N Type & Mfr: 5 Patrol

Lift pump in system: Yes

Review - Lift pump in system? (Y) N Mfr: Zoller BN153

Component Information

Tank size: 1500 plus 625 lift station

Review - Tank nbr: 2 size: 1500 Mfr: Infiltrator

Drainfield type: Pressure Bed

Review - Drainfield type: Pressure bed

Drainfield size: Full size - 770
Reduced/warr. size -

Review - Drainfield status: none / (installed) next spring
Review - Drainfield size: 20' x 38'

Absorption area size: 9"

Review - Absorption area size: 760

Chamber type/num:
Trench sqft/chamber -

Review - Chamber type: Num:
Review - Trench sqft/chamber:

Drainfield rock depth: 9"

Review - Rock depth: 9"

Soil Verification

Vertical separation verified

Boring #1: attached
Boring #2:
Boring #3:

Setback Verification

Distance to...	Designer submitted		Inspector verified	
	Tank	Drainfield	Tank	Drainfield
Road	240'	60'	200'	50'
Nearest prop line	30'	24'	30	30
Nearest structure	15'	66'	15	60
Well	N/A	N/A		
OHW	>100'	>200'	95'	200'
Pond/Wetland				
Pressure line	N/A	N/A		

Date System Installed: 10/24/19

Installer: Colin Metry

Inspector: Denise Grubert

Joseph Doll

10/24/19

Colin metry

20' x 38' pressure bed

20" deep maximum (2) tanks Infiltrator

1500 septic

1000 pump

5 laterals

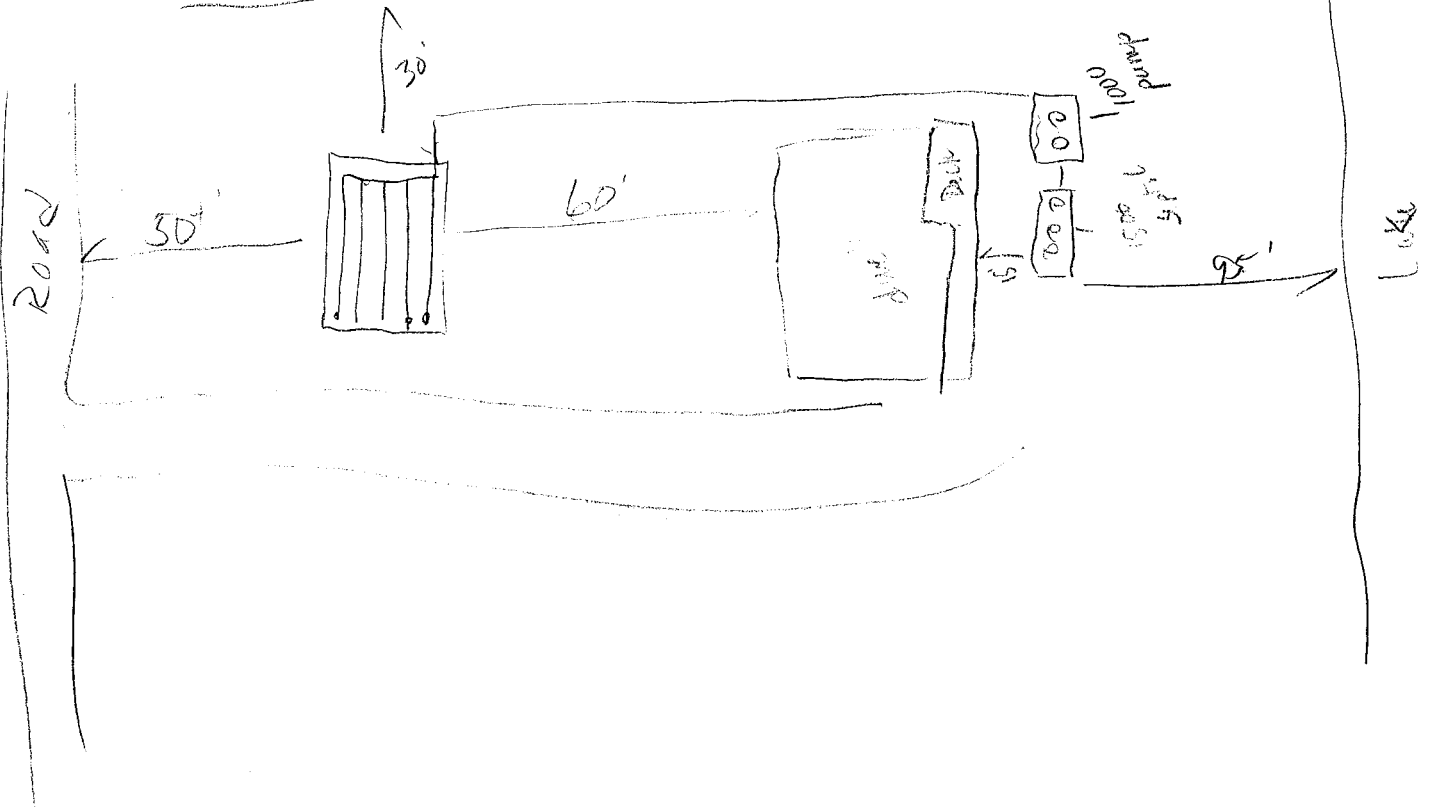
3/16" perfs

2" latg.

3' spacing

certify Denise Gabrud
+ Joseph Doll

Zoller DN153 Pump



Becker County Restrictive Layer Verification

Client: Barbara Robison	Parcel: 080906821	Date: 10/24/19
Address: 21768 Floyd Lake Dr		
Vegetation:		
Weather Conditions/Time of Day: Sunny 3:00		
Depth (in)	Texture	Observation#/Location/Method: auger
56"	SCL	Matrix Color(s) 10 yr 6/4
		Mottle Color(s) 7.5 yr 5/6 10 yr 7/2

Comments/Notes:

56" - Redox concentrations & depletion - restrictive
Pressure bed installed maximum of 20" deep

Certified Statement: I hereby certify that I have completed this work in accordance with all applicable ordinance, rules and laws.		
(Designer) Dan Tharson	(Inspector) Denise Goford	(License #) C 8452
		(Date) 10/24/19



Becker County Planning & Zoning
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10/24/19
3:00
Colin

Septic Permit

Permit #: SS2019-302

Owner & Property Information

Owner Name:	BARBARA ROBISON	Parcel #:	080906821
Mailing Address:	BARBARA ROBISON 313 W 3RD AVE S ADA MN 56510	Secondary Parcel #:	
Phone #:	360-318-3348	Site Address:	21768 FLOYD LAKE DR
Lake/River(1000/300):	Yes	Township - Sec/Twp/Rng:	DETROIT - 04/139/041
Lake/River Name:	Floyd (south bay) (Detroit) [GD]	Designer:	Thorson Septic Design, LLC (Dan Thorson)
Pond/Wetland(50):	No	Installer:	Metry Septic & Excavating LLC (Colin Metry)

Specifications

Tank to be Installed:	Single Septic Tank	Type of Drainfield:	Pressure Bed
Total # Tanks Installed:	2	Full Size of Drainfield:	770
System Status:	No Existing System	Reduced/Warrantied Size:	
System Serves:	Dwelling	Absorbtion Area Size:	20'38.5'
Number of Bedrooms:	4	Rock Depth:	9"
Design Flow/GPD:	600	Chamber Type and Number:	
Garbage Disposal?	No	Chamber Trench SqFt/Chamber:	
Size of Lift Pump:	.5hp	Is System Pressurized?	Yes
Size of Lift Line:	2"	Alarm?	Yes
Soil Sizing Factor:	1.27	Type of Alarm:	Outdoor

Setbacks

Road Type:	Public / Township	Right of Way Marked:	No
Tank Dist to Road:	240'	Drainfield Dist to Road:	60'
Tank Dist to Closest Prop Line:	30'	Drainfield Dist to Closest Prop Line:	30'
Tank Dist to Nearest Structure:	15'	Drainfield Dist to Nearest Structure:	66'
Tank Dist to Well:	N/A	Drainfield Dist to Well:	N/A
Tank Dist to OHW:	>100'	Drainfield Dist to OHW:	>200'
Tank Dist to Pond/Wetland:		Drainfield Dist to Pond/Wetland:	
Tank Dist to Pressure Line:	N/A	Drainfield Dist to Pressure Line:	N/A

Other Information

Date Approved:	10/14/2019
Permit Fee:	225.00
Receipt Number:	248107981
Date Paid:	10/15/2019

Zoning Office Signature:

Denise Gubrud

Notes: Install 1000 septic tank, 500 gallon lift tank, a 20' x 38' pressure bed with 5 laterals. 2" laterals with 3/16" perfs at 3' spacing. 56" to restrictive layer

PERMIT MUST BE POSTED AT JOB SITE. PERMIT EXPIRES ONE YEAR FROM DATE PAID.
** Please schedule for inspection prior to installation! **

1500/2
1000