



100291000



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 #: SS2020-521

Owner & Property Information			
Owner Name:	CRAIG PRATT	Site Address:	19676 295TH AVE
Mailing Address:	CRAIG PRATT 19676 295TH AVE DETROIT LAKES MN 56501	Township - Sec/Twp/Rng:	ERIE - 18/139/040
Parcel #:	100291000	Legal Description:	18-139-40 SE1/4 NW1/4
Secondary Parcel #:		Designer:	Thorson Septic Design, LLC (Dan Thorson)
		Installer:	Nels Thorson Excavating, L47 (Nels Thorson and Daniel Thorson)

Inspector Verified Specifications			
Insp- Effluent Screen Installed:	No	Insp- Tank Nbr/Size:	2/1500/2 & 1000
Insp- Alarm Required:	Yes	Insp- Drainfield Type:	Mound
Insp- Lift Pump in System:	Yes	Insp- Drainfield Size:	10' X 63' rock bed and 15' X 63' soil absorption area
Insp- Number of Bedrooms:	5	Insp- Soil Verification:	#1:attached #2:N/A #3:N/A

Inspector Verified Setbacks			
Insp- Tank Dist to Road	100+	Insp- Drainfield Dist to Road	100+
Insp- Tank Dist to Nearest Prop Line	100+	Insp- Drainfield Dist to Nearest Prop Line	100+
Insp- Tank Dist to Nearest Structure	100+	Insp- Drainfield Dist to Nearest Structure	150+
Insp- Tank Dist to Well	100+	Insp- Drainfield Dist to Well	150+
Insp- Tank Dist to OHW		Insp- Drainfield Dist to OHW	
Insp- Tank Dist to Pond/Wetland		Insp- Drainfield Dist to Pond/Wetland	
Insp- Tank Dist to Pressure Line		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: 7/15/2020	Zoning Office Signature: Denise Gubrud - ISTS Inspector

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

Field Review Form

Permit # SS2020-521

Property and Owner

Owner: CRAIG PRATT	Parcel Number: 100291000
Site Address: 19676 295TH AVE	Secondary Parcel:

Home Information

Does the structure contain any of the following elements?	Designer submitted	Inspector verified
	Garbage disposal: No Dishwasher: Invalid Field Grinder pump: Invalid Field Lift pump in bsmt: Invalid Field	Garbage disposal? Y (N) Dishwasher? (Y) N Grinder pump? Y (N) Lift pump in basement? Y (N)
Number of bedrooms: 5	Review - Number of bedrooms: 5	
Effluent screen	Effluent screen installed? Y (N) Mfr:	
Alarm: Yes Type: Indoor	Review - Alarm? (Y) N Type & Mfr: indoor else	
Lift pump in system: Yes	Review - Lift pump in system? (Y) N Mfr: 700101	

Component Information

Tank size: 1500/2 plus 1000 lift station	Review - Tank nbr: 2 size: 1500/2 Mfr: brown
Drainfield type: Mound	Review - Drainfield type: mound
Drainfield size: Full size - 623 Reduced/warr. size -	Review - Drainfield status: none / (installed) / next spring Review - Drainfield size: rock bed 10' x 63'
Absorption area size: 6"	Review - Absorption area size: 15' x 63' SAA
Chamber type/num: Trench sqft/chamber -	Review - Chamber type: Num: Review - Trench sqft/chamber:
Drainfield rock depth: 6"	Review - Rock depth: 6" under pipe = 24" sand lift

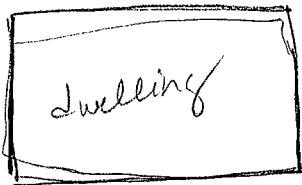
Soil Verification

Vertical separation verified	Boring #1: Boring #2: attached Boring #3:
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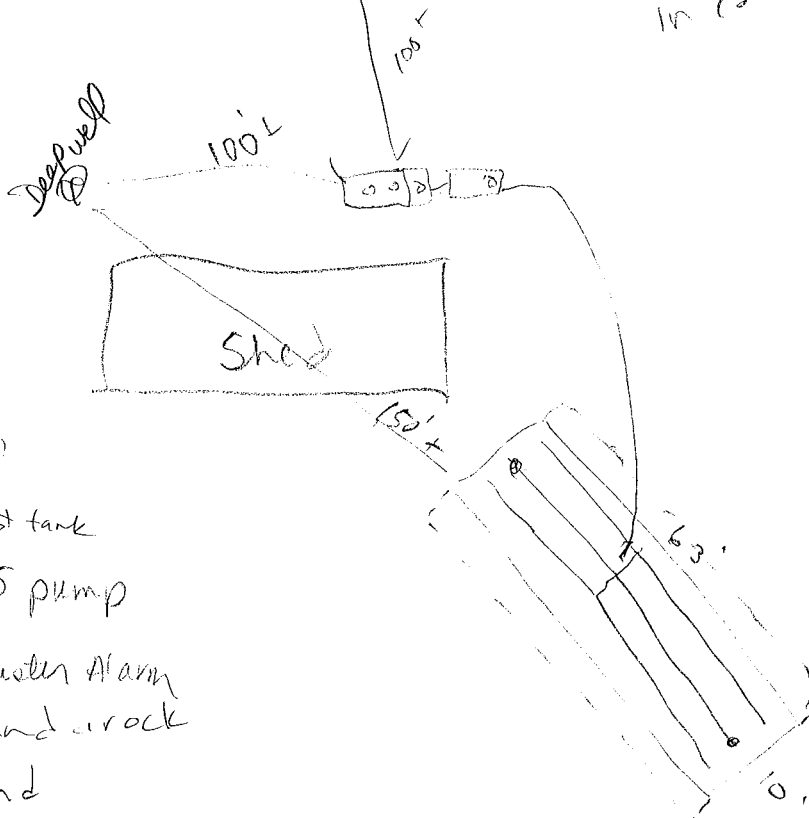
Setback Verification

Distance to...	Designer submitted		Inspector verified	
	Tank	Drainfield	Tank	Drainfield
Road	>100'	>100'	100'	100'
Nearest prop line	>100'	>100'	100'	100'
Nearest structure	125'	100'	100'	150'
Well	155'	130'	100'	150'
OHW				
Pond/Wetland				
Pressure line	N/A	N/A		

Date System Installed: 7/15/2020 Installer: Dan Tharson Inspector: Denise Gubrud



No lot lines
in 2200' per installer



7-15-2020

1500/2 Brown

1000 Brown lift tank

Zoeller-Elb5 pump

SSE Pump master Alarm
Clear sand & rock

R4" sand

16' x 63' rock bed

15' x 63' So.1 Absorbta Area

Center feed

2" laterals

1/4" perfs - 3' spacing

looks good! certify

Denise Gubrud

10'x62' Mound

1000 Gal
Lift Station

1500/2
Tank

Mound Design

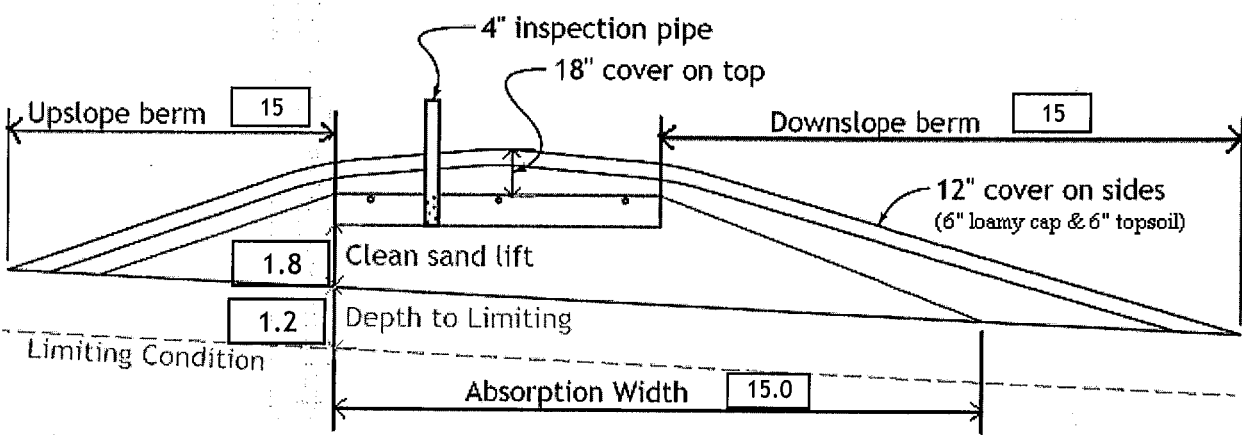
Property Owner: Craig PrattDate: 6/29/2020Site Address: 19676 295th AvePID: 100291000

Comments: _____

instructions: = site specific input = adjust if desired = self-calculated (DO NOT ADJUST)

- 1) 5 bedroom Residential System
- 2) 750 GPD design flow
- 3) No Garbage disposal
- 3) No Lift pump / pumped to septic
- 4) 1500 Gal Septic tank (code minimum) 1500 Gal Septic tank (design size / LUG req'd)
Tank options: none
- 5) 0.83 ft²/gal Soil Sizing Factor
- 6) 10 ft rockbed width 62.3 ft rockbed length
- 7) 3.0 ft lateral spacing 3.0 ft perforation spacing (maximum of 5 for both)
 middle feed manifold connection
- 8) 6 laterals 30.2 feet long 10.5 perms / lateral 63 perms total
(1/2 a perf means the first perf starts at the middle feed manifold)
- 9) 1/4" inch perms at 1 feet residual head gives 0.74 gpm flow rate per perforation
for this perf size & spacing, & pipe size on line 12, max perms/lateral = 26, line #8 must be less --> OK
- 10) 4.0 doses per day (4 minimum)
- 11) 188 gallons per dose (treatment volume)
- 12) 2.00 inch diameter laterals (or smaller) will meet "5x pipe volume"
 2.00 inch diameter laterals (or smaller) will meet "4x pipe volume" (recommended)
2.00 inch diameter laterals (or smaller) will meet "3x pipe volume"
- 13) 200 feet of 2.0 inch supply line leads to 34 gallons of drainback volume
("top feed" manifold to control the drainback)
- 14) 222 gallons TOTAL pump out volume (treatment + drainback)
- 15) 25 feet vertical lift from pump to dispersal area, leads to a:
- 16) 47 GPM @ 44 feet of head, Pump requirement (note: >50gpm may require an extra 3-6' of head)
- 17) 750 gal Dose tank (code minimum) 1000 gal Dose tank (design size / LUG req'd) at 20.00 gpi
leads to a
- 18) 11.1 inch swing on Demand float, or timed dosing of 4.7 min ON (confirm pump rate with drawdown
(to deliver Average flow, 66% of Peak design flow) 9 hrs OFF test and adjust as necessary)
- 19) 12 inches from bottom of tank to "Pump OFF" float
- 20) 23 inches from bottom of tank to "Pump ON" float, or 12 inches to "Timer ON" float if time dosed
- 21) 26 inches from bottom of tank to "Hi Level" float, or 36 inches to "Hi Level" float if time dosed
- 22) 480 gallons reserve capacity (after High Level Alarm is activated)

- 23) ft²/gal Absorption area Soil Sizing Factor, which gives a mound ratio of (minimum)
 (this must match the soil boring log) desired mound ratio
- 24) percent site slope (0-20% range) (% downslope site slope, if different than upslope)
- 25) inches, or ft. to Redox or other limiting condition (need at least 12" to be a Standard mound)
- 26) inch, or ft. Sand Lift Mound **CRITICAL FOR FUTURE CERTIFICATIONS!!!**
- 27) ft. Total ABSORPTION width (with sand beyond rockbed as follows:)
- 28) ft. upslope and sideslope
 ft. Downslope
- Individual slope ratios give BERM widths (topsoil beyond rockbed) of:
- 29) upslope ratio ft. upslope berm
- 30) sideslope ft. sideslope berms
- 31) downslope ft. downslope berm
- 32) Overall Dimensions: ft. wide by ft. long Rock bed
 ft. wide by ft. long Mound footprint



Note:
 For 0 to 1% slopes, *Absorption Width* is measured from the *Bed* equally in both directions.
 For slopes >1%, *Absorption Width* is measured downhill from the upslope edge of the *Bed*.

- 33) Rock Bed: ft. by ft. by inches under pipe, plus 20% gives yd³ or *1.4= ton
- 34) Mound Sand: (note: volume is based on 3:1/4:1 slope from top of rockbed, Exchange sand for loamy cap if desired)
 up + downslope + ends + under rock = yd³ or *1.4= ton
 plus 20%
- 35) Loamy Cap: ft. by ft. 6" deep, plus 20% gives yd³ or *1.4= ton
- 36) Topsoil: ft. by ft. 6" deep, plus 20% gives yd³ or *1.4= ton

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

Dan Thorson _____ Thorson Septic Design LLC _____ 4044 _____ 6/29/2020
 Designer Signature Company License# Date

Installer Summary

1500 gallon Septic tank (minimum)

Tank options: none

1000 gallon Dose tank (minimum)

at 20.00 gpi

47 GPM @ 44 ft. of head, Pump required

11.1 inch swing on Demand float or 4.7 minutes ON time & 9 hours OFF time

23 inches from bottom of tank to "pump ON" float, or 12 inches to "timer ON" float

26 inches from bottom of tank to "Hi Level Alarm" float

200 ft. of 2.0 inch supply line with middle feed manifold connection

(Tip: "top feed" manifold to control drainback)

22 inch, or 1.8 ft. Sand Lift Mound

10 ft. wide by 62.3 ft. long Rock bed

6 laterals 2.00 inch diameter 30.0 ft. long 3.0 ft. lateral spacing

1/4" inch perfs 3.0 ft. perforation spacing 1.2 ft from end of rock bed to first perforation

No Effluent filter & alarm

15.0 ft. Total sand ABSORPTION width (sand beyond rockbed) (minimum)

2.5 ft. upslope and sideslope

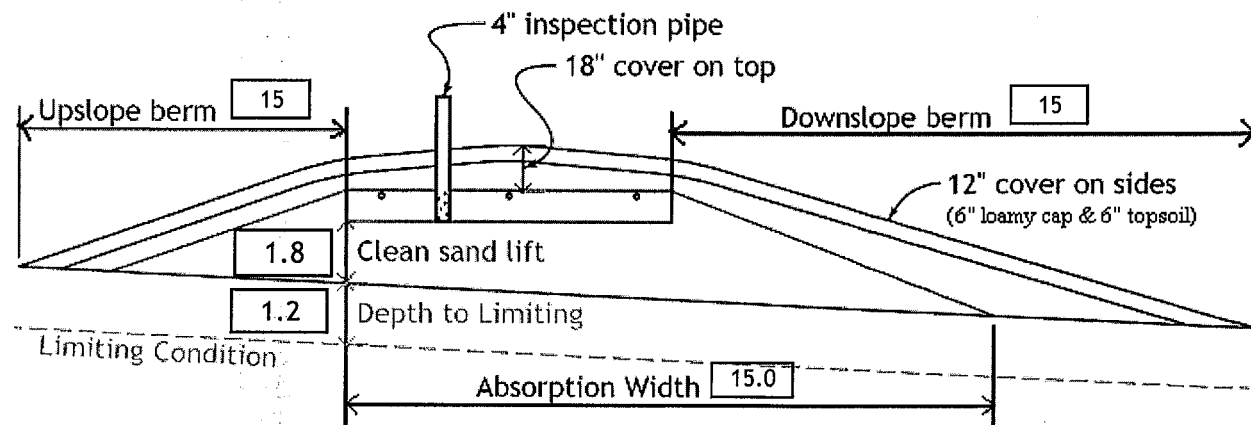
2.5 ft. Downslope

Specific slope ratios give BERM widths (topsoil beyond rockbed) of:

4:1 upslope ratio 15 ft. upslope berm

4:1 sideslope 15 ft. sideslope berms

4:1 downslope 15 ft. downslope berm



Note:

For 0 to 1% slopes, *Absorption Width* is measured from the *Bed* equally in both directions.

For slopes >1%, *Absorption Width* is measured downhill from the upslope edge of the *Bed*.

Rock Bed:	21 yd ³ or *1.4=	29 ton
Mound Sand:	185 yd ³ or *1.4=	259 ton
Loamy Cap:	71 yd ³ or *1.4=	99 ton
Topsoil:	83 yd ³ or *1.4=	116 ton

6 inches under pipe

calculation based on 3:1/4:1 slope from top of rockbed

6" deep

6" deep

INSPECTOR CHECKLIST - mound

19676 295th Ave

- WELL setbacks: 20' to pressure tested sewer line (5 psi for 15 min)
50' to everything 100' to dispersal area with shallow well
- PROPERTY LINES setback: 10' to everything
- Road setback: outer ditch, or 33' from center of township road, or 65' from center of cnty road
- LAKE / BLUFF setback: 20' for bluff. Lakes: GD ____, RD ____, NE _____. Protected wetland ____.
- Building setbacks: 10' for everything, 20' for dispersal area.
- WATER LINE under pressure set 10' to bed, tank & sewer line. (else sewer line > 12" below)

- Sewer line & baffle connection (no 90's, 3' between 45's, slope min 1" in 8', max 2" in 8')
(no depth req's, clean out every 100', Sch 40 D2665 or F891)

- Septic tank and risers (water tight, proper depth, existing verified by pumping)
mfg _____ 1500 gallons Tank options: none

- No _____ effluent filter & alarm
- Dose tank risers and piping (water tight, proper depth, drainback)
mfg _____ 1000 gallons

- dose pump _____ 47 gpm 44 head VERIFY PUMP CURVE 4.7 min ON 9 hr OFF

- float setting drop 11.1 inches
LABEL pump requirements and drawdown on riser or panel
- Cam lock, weep hole, supply line access (no hard 90, pipes reachable from grade - 30")
- supply pipe sloped 1/8"+, supported by sch40 sleeve, and buried 6"+.
- splice box / control panel / electrical connections

- mound rock dimensions 10 X 62.3
- Sand lift depth 22 inches. (Jar test : 2" sand leaves < 1/8" silt after 30 min)

- Absorption Sand beyond rock 2.5 upslope 2.5 downslope
- Bermed topsoil beyond rockbed 15 upslope 15 sideslope 15 downslope

- cover depth of 12-18"+ VERIFY

- 6 laterals (1-2.5' from edge of rock)
- 2.00 inch pipe size
- 3.0 ft lateral spacing

- 1/4" inch perforations (smaller is ok)
- 3.0 ft perforation spacing

- Air inlet at end of laterals, and at top feed manifold. VERIFY
- 1.5"+ inspection pipe to bottom of rock, anchored VERIFY

- Abandon existing system if necessary Re-use existing tank certification
- monitoring plan and type _____
- well abandonment form if necessary _____

7-15-2020
Dan 3:00



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

Septic Permit

Permit #: SS2020-521

Revised 7-14-2020

Owner & Property Information

Owner Name:	CRAIG PRATT	Parcel #:	100291000
Mailing Address:	CRAIG PRATT 19676 295TH AVE DETROIT LAKES MN 56501	Secondary Parcel #:	
Phone #:	763-232-6710	Site Address:	19676 295TH AVE
Lake/River(1000/300):	No	Township - Sec/Twp/Rng:	ERIE - 18/139/040
Lake/River Name:		Designer:	Thorson Septic Design, LLC (Dan Thorson)
Pond/Wetland(50):	No	Installer:	Nels Thorson Excavating, L47 (Nels Thorson and Daniel Thorson)

Specifications

Tank to be Installed:	Compartmented Tank	Type of Drainfield:	Mound
Total # Tanks Installed:	2	Full Size of Drainfield:	623
System Status:	Replacement System	Reduced/Warrantied Size:	
System Serves:	Full-Time Dwelling	Absorbtion Area Size:	15'X63'
Number of Bedrooms:	5	Rock Depth:	6"
Design Flow/GPD:	750	Chamber Type and Number:	
Garbage Disposal?	No	Chamber Trench SqFt/Chamber:	
Size of Lift Pump:	.4hp	Is System Pressurized?	Yes
Size of Lift Line:	1.5"	Alarm?	Yes
Soil Sizing Factor:	1.27	Type of Alarm:	Indoor

Setbacks

Road Type:	Public / Township	Right of Way Marked:	No
Tank Dist to Road:	>100'	Drainfield Dist to Road:	>100'
Tank Dist to Closest Prop Line:	>100'	Drainfield Dist to Closest Prop Line:	>100'
Tank Dist to Nearest Structure:	125'	Drainfield Dist to Nearest Structure:	100'
Tank Dist to Well:	155'	Drainfield Dist to Well:	130'
Tank Dist to OHW:		Drainfield Dist to OHW:	
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:	7/1/2020
Permit Fee:	225.00
Receipt Number:	248923408
Date Paid:	7/2/2020

Zoning Office Signature:
Denise Gubrud

Notes: Install a 1500/2 septic tank, a 1000 lift tank, a mound system with a 1.2 sand lift and a 10' X 63' rock bed and a 15' X 63' soil absorption area 1.8'

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

**APPLICATION
FOR SEWAGE SYSTEM
CERTIFICATE OF COMPLIANCE**
With The Becker County Zoning Ordinance

Application Number 6535-10
Tax Parcel Number 10-291-000

A. GENERAL INFORMATION

1. Applicant's Name (Last, First, M.I.) MERWIN W. STIGGE		2. Authorized Agent (If applicable) NELS THORSON	
3. Mailing Address (Street, RFD, Box Number, City, State, Zip Code) P.O. BOX 1756 DETROIT LAKES, MN. 56501			
4. Day Phone 847-1977	5. Evening Phone	6. Fire Number of Project Location	

B. PROPERTY DESCRIPTION

1. Lot(s), Block, Subdivision Name SE 1/4 NW 1/4 AND GOV LOT 2	2. Section 18-139-40	3. Township ERIE TOWNSHIP	4. Range	5. Qtr./Qtr.	6. Gov. Lot No.
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7. Note: If the property is a metes and bounds description, check here [] and attach a copy of the exact legal description.

SEWAGE SYSTEM DATA

Anticipated Use

- a. Single Family
- b. Multiple Family
- c. Commercial
- d. Agricultural
- e. Other (specify)

Type of System

- a. Septic Tank Only
- b. Drainfield Only
- c. Septic Tank & Drainfield
- d. Holding Tank
- e. Alternative System (specify)

Type of Drainfield

- a. Standard System
- b. Mound (pressure distribution)
- c. Mound (gravity distribution)

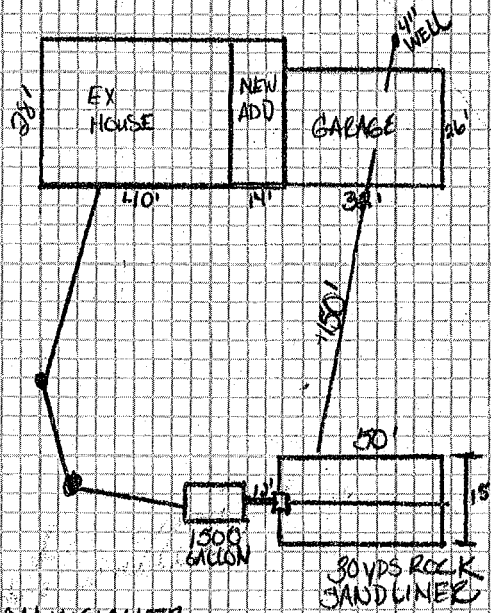
Well Data

- a. Depth: **80**
- b. Diameter: **4 INCH**

Type of Well

- a. Drilled
- b. Sand Point

**1 Inch Equals
DESIGN**



Show Distance Between Sewage System And Buildings, Property Lines, Lake, Roads And All Wells Within 125 Feet.

I hereby certify with my signature that all data on my application forms, plans and specifications are true and correct to the best of my knowledge.

(Signature)
Signature of Applicant

Date

TO BE COMPLETED BY ZONING OFFICE

SEWAGE SYSTEM DATA	Tank	Drainfield
Distances to Well:	+150'	150'
Distance to Building:	+100'	+100'
Distance to Property Line:	+100'	+100'
Distance to Suction Line:	N/A	N/A
Distance to Pressure Line:	+100'	+100'
Tank Capacity (gal.) and Area of Drainfield (ft. 2):	1500	750 FT ²
Distance to Lake or Stream (from Ordinary High Water Level):	N/A	N/A
Drainfield Separation from Highest Known Ground Water Level, Impervious Lens or Soil Mottling:	N/A	4'

CERTIFICATE IS HEREBY DENIED

CERTIFICATE IS HEREBY GRANTED

Based upon the application, addendum form, plans, specifications and all other supporting data. With proper maintenance this system can be expected to function satisfactorily, however this is not a guarantee.

BECKER COUNTY ZONING OFFICE

(Signature)
Signature
(Signature)
Title
7-14-83
Date

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BECKER COUNTY

829 LAKE AVENUE, P.O. BOX 787
DETROIT LAKES, MINNESOTA 56502-0787
(218) 846-7314

Fire No. <u>6</u>
Application No. <u>6535-10</u>
Tax Parcel No. <u>10-291-000</u>

ZONING APPLICATION SUMMARY FORM FORM A

A. GENERAL INFORMATION

1. Applicant's Name (Last, First, M.I.) <u>STIGGE Merwin W</u>		2. Authorized Agent (if applicable)		
3. Mailing Address (Street, RFD, Box Number, City, State, Zip Code) <u>PO Box 1750 Detroit Lakes</u>				
4. Day Phone <u>847 1477</u>	5. Evening Phone <u>—</u>	6. Section <u>18-139-40</u>	7. Township <u>ERIE</u>	

B. PROPERTY DESCRIPTION

1. Lot(s), Block, Subdivision Name <u>76.21 ac S&E 1/4 NW 1/4 and E 1/2 Lot 2</u>
2. Note: If the property is a metes and bounds description, check here <input type="checkbox"/> and attach a copy of the exact legal description.

C. APPLICABLE ZONING DISTRICTS

D. TYPE OF ZONING REQUEST

E. SHORELAND MANAGEMENT DATA

(check all that apply)

- Residential
- Business
- Commercial
- Industrial
- Agricultural
- Shoreland(*)
- Other

*Fill in Section E. also.

Project Type	Necessary Supplemental Form
1. <input type="checkbox"/> Building Permit	Form B and H
2. <input checked="" type="checkbox"/> Sewage System Permit	Form C and H
3. <input type="checkbox"/> Setback Certificate	
4. <input type="checkbox"/> Land Alteration Permit	Form E and H
5. <input type="checkbox"/> Conditional Use Permit	Form F
6. <input type="checkbox"/> Variance	Form G
7. <input type="checkbox"/> Zoning District Change	Form F
8. <input type="checkbox"/> Subdivision Approval	Form F
9. <input type="checkbox"/> Ordinance Amendment	Form F
10. <input type="checkbox"/> Other (specify below)	

New sewer system

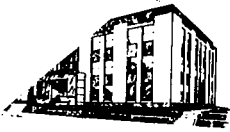
- Lake / Stream Name None
- Lake / Stream I.D. Number _____
- Classification: NE; RD; GD;
 Other (specify below)

- IMPORTANT NOTICE -
Most projects require the submission of one or more additional forms as shown in SECTION D. and sometimes plans, specifications and a written project description before your application is considered to be complete. Form A primarily provides summary information for record keeping.

I hereby certify with my signature that all data contained herein as well as all supporting data are true and correct to the best of my knowledge: Merwin Stigge Signature 5-7-92 Date

F. ADMINISTRATIVE DATA SUMMARY (For Office Use Only)

1. <input type="checkbox"/> Proper addendum to application has been submitted.	10. Administrative Summary for Applications for Subdivision Approval, Variances, Conditional Use Permits, Ordinance Amendments and Zoning District Changes:
2. <input type="checkbox"/> Detailed plans have been submitted which were prepared by: _____ Dated: _____	a. Referred to Township on: _____
3. <input type="checkbox"/> Written project description has been submitted which was prepared by: _____ Dated: _____	b. Referred to Planning Commission on: _____
4. <input type="checkbox"/> Approved <input type="checkbox"/> with, <input type="checkbox"/> without modification on: _____	c. Referred to Board of Adjustment on: _____
5. <input type="checkbox"/> Denied on: _____	d. Referred to County/City Engineer on: _____
6. Itemization of Fees:	e. Referred to County/City Attorney on: _____
General Application _____	f. Referred to Soil and Water Cons. Dist. on: _____
State Surcharge _____	g. Referred to Watershed District on: _____
<u>Sewer</u> <u>45.50</u>	h. Date of Hearing Notice: _____
_____	i. Date of Public Hearing: _____
_____	j. Is ten (10) day notice to the DNR necessary? <input type="checkbox"/> yes, <input type="checkbox"/> no If yes, enter date sent to DNR here: _____
7. Total Fees = <u>46.50</u>	k. Is ten (10) day final notice to the DNR necessary? <input type="checkbox"/> yes, <input type="checkbox"/> no If yes, enter date sent to DNR here: _____
8. Fee paid on (date): _____	l. Final Action: <input type="checkbox"/> APPROVED <input type="checkbox"/> with, <input type="checkbox"/> without modification <input type="checkbox"/> DENIED
9. Administrative Summary for Building Permits, Sewage System Permits, and Shoreland Alteration Permits.	By: <input type="checkbox"/> County Board; <input type="checkbox"/> Board of Adjustment
a. Dates of inspection(s): _____	Date of Action: _____
b. Certificate of Occupancy (Zoning Compliance) issued on: _____	



BECKER COUNTY

829 LAKE AVENUE, P.O. BOX 787
DETROIT LAKES, MINNESOTA 56502-0787
(218) 846-7314

Fire No.
Application No. <i>6535-10</i>
Tax Parcel No. <i>10-291-007</i>

SUPPLEMENTAL DATA FOR SEWAGE SYSTEM PERMIT FORM C

A. GENERAL INFORMATION

1. Applicant's Name (Last, First, M.I.) <i>Stigge Merwin W</i>		
2. Sewer Installer <i>Nels Thorson</i>	3. Soil Tester/Earthwork Contractor	4. MPCA Certification No.

B. SEWAGE SYSTEM DATA

C. SITE DATA

<p>1. Work Category</p> <p>a. <input checked="" type="checkbox"/> New System b. <input type="checkbox"/> Repair</p> <p>3. Anticipated Use</p> <p>a. <input type="checkbox"/> Single Family b. <input type="checkbox"/> Multiple Family c. <input type="checkbox"/> Commercial d. <input type="checkbox"/> Agricultural e. <input type="checkbox"/> Other (specify)</p>	<p>2. Type of System</p> <p>a. <input type="checkbox"/> Septic Tank Only b. <input type="checkbox"/> Drainfield Only c. <input checked="" type="checkbox"/> Septic Tank & Drainfield d. <input type="checkbox"/> Alternative System (specify) <i>Complete new system</i></p> <p>4. Type of Drainfield</p> <p>a. <input type="checkbox"/> Standard System b. <input type="checkbox"/> Mound (pressure distribution) c. <input type="checkbox"/> Mound (gravity distribution)</p>	<p>1. Soils</p> <p>a. Soil Type: = _____ b. Percolation Rate (minutes per inch): = _____ c. Depth to Water Table: = _____</p>	<p>2. Supporting Data/Attachments</p> <p><input type="checkbox"/> Sketch Plan** <input type="checkbox"/> Percolation Data Sheets <input type="checkbox"/> Soil Borings <input type="checkbox"/> Tank/Drainfield Design Calculations</p>																										
<p>5. System Design Data</p> <table border="0"> <tr><td></td><td>Tank</td><td>Drainfield</td></tr> <tr><td>a. Distance to Well:</td><td>= <i>230'</i></td><td>= <i>240'</i></td></tr> <tr><td>b. Distance to Building:</td><td>= <i>200</i></td><td>= <i>230</i></td></tr> <tr><td>c. Distance to Property Line:</td><td>= <i>600</i></td><td>= <i>600</i></td></tr> <tr><td>d. Distance to Suction Line:</td><td>= _____</td><td>= _____</td></tr> <tr><td>e. Distance to Pressure Line:</td><td>= _____</td><td>= _____</td></tr> <tr><td>f. Tank Capacity (gal.) and Area of Drainfield (ft. 2):</td><td colspan="2">= <i>To be determined by installer</i></td></tr> <tr><td>g. Distance to Lake or Stream (from Ordinary High Water Level):</td><td>= _____</td><td>= _____</td></tr> <tr><td>h. Drainfield Separation from Highest Known Ground Water Level, Impervious Lens or Soil Mottling:</td><td>= _____</td><td>= _____</td></tr> </table>		Tank	Drainfield	a. Distance to Well:	= <i>230'</i>	= <i>240'</i>	b. Distance to Building:	= <i>200</i>	= <i>230</i>	c. Distance to Property Line:	= <i>600</i>	= <i>600</i>	d. Distance to Suction Line:	= _____	= _____	e. Distance to Pressure Line:	= _____	= _____	f. Tank Capacity (gal.) and Area of Drainfield (ft. 2):	= <i>To be determined by installer</i>		g. Distance to Lake or Stream (from Ordinary High Water Level):	= _____	= _____	h. Drainfield Separation from Highest Known Ground Water Level, Impervious Lens or Soil Mottling:	= _____	= _____	<p>b. Well Data:</p> <p>a. Depth: = _____ d. <input type="checkbox"/> Drilled g. <input type="checkbox"/> Public b. Diameter: = <i>4"</i> e. <input type="checkbox"/> Sand Point h. <input checked="" type="checkbox"/> Private Well c. Depth of Casing: = <i>80 ft</i> f. <input type="checkbox"/> Augered</p>	<p>Water Uses:</p> <p><input checked="" type="checkbox"/> Water Softener <input checked="" type="checkbox"/> Dishwasher <input checked="" type="checkbox"/> Washing Machine <input type="checkbox"/> Garbage Disposal</p> <p><i>4</i> No. Bedrooms <i>4-3</i> No. Bathrooms</p>
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I hereby certify with my signature that all data on my application forms, plans and specifications are true and correct to the best of my knowledge: *Merwin Stigge* Signature of Applicant *5-12-93* Date

SEWAGE SYSTEM PERMIT

APPLICATION IS HEREBY DENIED
 PERMISSION IS HEREBY GRANTED TO _____

All in accordance with the application, addendum form, plans, specifications and all other supporting data, unless specified hereinafter in the GENERAL and/or SPECIAL PROVISIONS.

BY ORDER OF: *[Signature]* Signature of Permitting Authority *[Title]* Title *[Date]* Date

NOTE: THIS PERMIT TERMINATES ON: _____ except as provided for by local ordinance and/or Minnesota Law.

- SEE REVERSE FOR GENERAL AND SPECIAL PROVISIONS -

Application Fee \$ *45.00* State Surcharge *1.50* Total \$ *45.50*

PAGE 2
FORM C -SEWAGE SYSTEM PERMIT

GENERAL PROVISIONS

1. Permittee shall not cover the system authorized herein until such system has been inspected and determined to be compliant by the permitting authority. This provision can be waived only at the discretion of the permitting authority.
2. Where clay soils are predominant, no drainfield excavation can proceed if more than one (1) inch of total rainfall has been received at the nearest official rain gauge within one (1) week prior to construction. This provision can only be waived at the discretion of the permitting authority.
3. No changes in plans or specifications can be made to the work authorized herein unless such change is first approved in writing by the permitting authority.
4. Permittee shall grant access to the site at all reasonable times so that the permitting authority or his/her agents may conduct inspections to ascertain compliance with the terms and conditions of this permit.
5. The construction site shall be kept reasonably free of debris at all times so as to not create a public nuisance.
6. Permittee shall install permanent and temporary erosion control measures in order to prevent erosion of disturbed soils from the project site onto adjacent parcels of land, public waters, public roads, ditches, sewer facilities and the like. Permittee shall cease all related authorized construction activities until such time as any such problem is corrected as agreed to by the permitting authority.
7. No certificate of occupancy or zoning compliance may be issued until all the provisions and conditions of this permit are complied with in full.
8. A copy of this permit or an official notice or placard thereof must be posted in a conspicuous place protected from the effects of weather no more than 12 feet above grade on the premises which the work is to be done and shall be maintained there until completion of said work.
9. The granting of this permit does not exempt the permittee from having to secure other permits from other state, federal or local units of government which may have jurisdiction over portions of the authorized project.
10. This permit does not allow the destruction or removal of any trees or vegetation which exists more than ten (10) feet beyond the foundation of the authorized structure or more than five (5) feet beyond the edge of a driveway or parking lot unless authorized in a Special Provision below.

_____ Date

_____ Signature of Applicant

SPECIAL PROVISIONS

1. _____

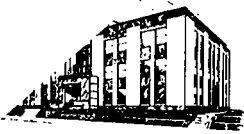
2. _____

3. _____

4. _____

5. _____

6. _____



BECKER COUNTY

829 LAKE AVENUE, P.O. BOX 787
DETROIT LAKES, MINNESOTA 56502-0787
(218) 846-7314

Fire No.
Application No. 6535-10
Tax Parcel No. 10-291-000

SKETCH PLAN FORM H

Please be as complete as possible. Include all of the items listed below where applicable.

GENERAL CHECKLIST

- scale
- north arrow
- lot dimensions
- structure location
- side lot setback
- road setback
- septic tank location
- drainfield location
- location of all wells within 100' of drainfield
- fill & grading limits
- vegetation alteration limits

WATER RESOURCE CHECKLIST

- location of ordinary high water level (OHWL)
- location of present water line
- setback from OHWL
- location of highest known water level
- existing local drainage
- location of wetland areas

Scale of Diagram: 1 inch = 100 feet

Drawing By: M. Stepp

Date of Drawing: 5-12-93

Remarks: _____

Signature M. Stepp

