Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
HS001597

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☐ Septic System ☑ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 4200 Muhlbach Lane (no rural route) City Davey, NE Zip Ne 68336

Legal Description Northern Divide 1 1

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 18-05-101-001-000

B. Owner

Name Owen R Masek Jennifer L Masek Signature Owen R Masek Jennifer L Masek

Address 435 Co. Rd. 28 City/State/Zip Valparaiso Ne 68065

Home Phone 402-840-5131 Work Phone

C. Certified Installer

Name: Harry Muhlbach Signature Harry Muhlbach

Address 3701 Vine St. City/State/Zip Lincoln, Ne 68505

Work Phone 402-430-7904

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

● Residential Dwelling Number of Bedrooms 2 Whirlpool Bathtub? ☐ Yes ● No Total Acres 3.2
Garbage Grinder? ☐ Yes ● No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 300

Type of Wastewater ☑ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

1. Health Department
Site visits Date rec'd **ACTION** ☐ Approved ☐ Disapproved
Date frwd Signature
Comments

2. Supt. Bldg. Insp. or Village Clerk
Comments Date rec'd **ACTION** ☐ Approved ☐ Disapproved
Date frwd Signature

3. City or County Engineer
Comments Date rec'd **ACTION** ☐ Approved ☐ Disapproved
Date frwd Signature

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 1-10-18 Amount Paid 405.00
Received By LC Cash/Check No. 13543

White - Health Department Yellow - Engineer Pink - Building & Safety - Mike Peterson

Form A Updated: 1/13

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

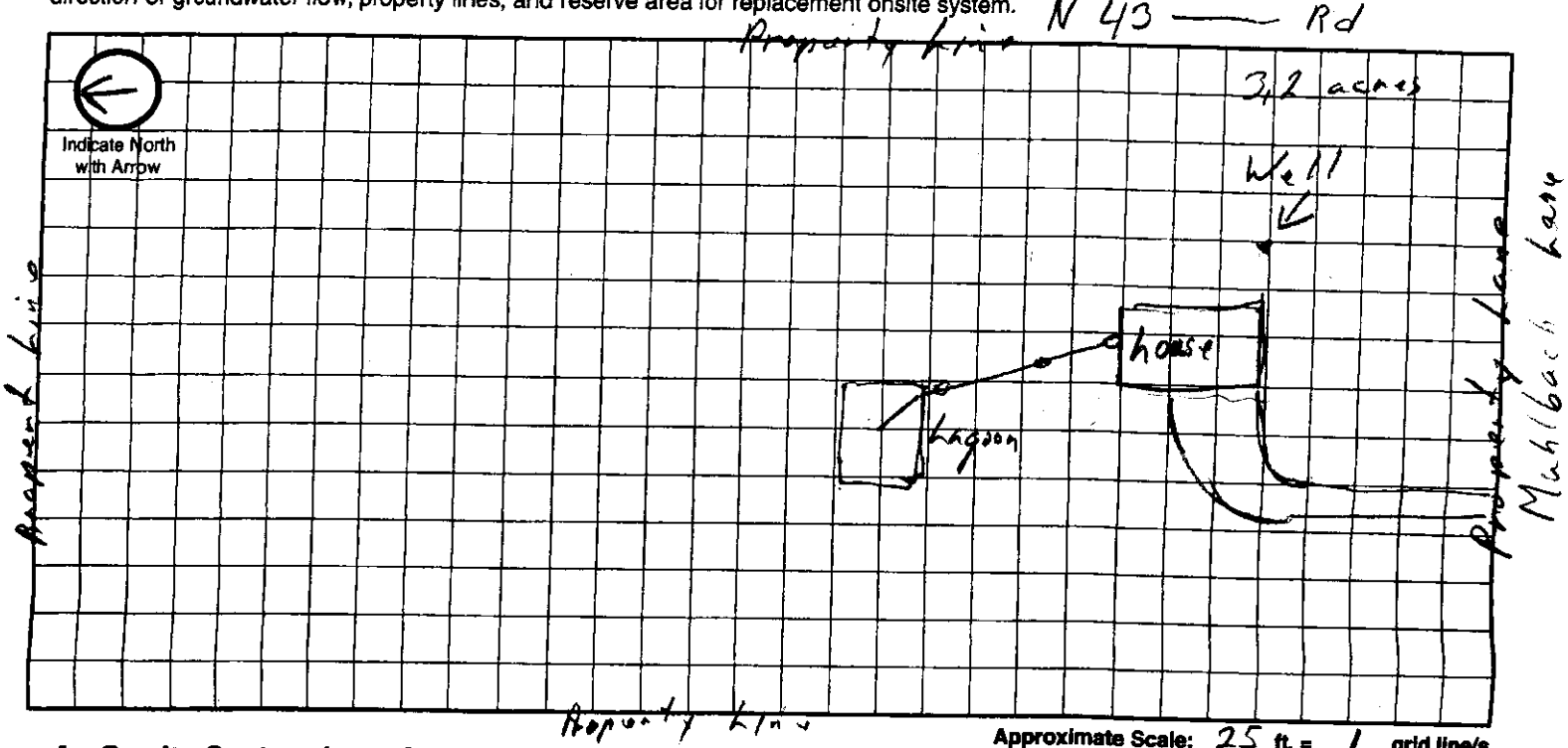
C

Permit Number:

Onsite Wastewater Treatment System

Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop of distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of groundwater flow, property lines, and reserve area for replacement onsite system.



Approximate Scale: 25 ft. = 1 grid line/s

A. Onsite System Location

Address (no rural route) 4200 Muhlbach Lane City Davey NE, Zip NE 68336

B. Proposed Septic Tank/s

Septic Tank Cap._____ gals Tank Material: ☐ Concrete ☐ Plastic ☐ Other_____ ☑ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percoloation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate Lagoon (min/inch = mpi) No. of Bedrooms 2 Soil Type Sharpsburg Judson Land Slope 2 %

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield_____sq.ft.

Total length of laterals_____ Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☐ Other

No. of absorption trenches_____ Width_____ No. of drop boxes_____ Distrubtion Box_____

No. of absorption beds_____ Width_____ No of Distribution lines per bed_____

E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

Home Building Contractor_____ Date_____

Installer H&L Muhlbach Const Harry Muhlbach Date 2-8-11

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

SCANNED A

Permit Number
HSOD15917

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☐ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 4200 Muhlbach Lane (no rural route) City Davey, NE Zip Ne 68336

Legal Description Northern Ridge 1 1

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 18-05-101-001-000

B. Owner

Name Owen R Masek Jennifer L Masek Signature Owen R Masek Jennifer L Masek

Address 435 Co. Rd. 28 City/State/Zip Valparaiso Ne 68065

Home Phone 402-840-5631 Work Phone

C. Certified Installer

Name: Harry Muhlbach Signature Harry Muhlbach

Address 5701 Vine St. City/State/Zip Lincoln, Ne 68505

Work Phone 402-430-7904

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

● Residential Dwelling Number of Bedrooms 4/1 as per contract Whirlpool Bathtub? ☐ Yes ● No Total Acres 3.2

Garbage Grinder? ☐ Yes ● No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 300

Type of Wastewater ☒ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☒ County Resolution No. 02-30

1. Health Department
Site visits
Comments
Date rec'd 1/11/18
Date frwd 1/11/18
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd
Date frwd
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd
Date frwd
ACTION ☒ Approved ☐ Disapproved
Signature

Installation Final Written Approval
By
Date 12/13/18

Business Office Use Only
Date Received 1-10-18 Amount Paid 405.00
Received By LC Cash/Check No. 13543

White - Health Department Yellow - Engineer Pink - Building & Safety - Mike Peterson

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

D Exhibit 4

Permit Number:

Onsite Wastewater Treatment System
As-Built Description and Drawing

Type of Onsite Wastewater System: ❑ Lagoon (Skip to Back Page) ❑ Subsurface Septic ❑ Mound

Onsite Wastewater System Location

Address or Legal Description or Parcel Identification Number (PID) 4200 Muhlbach Lane

Owner Orwin Musick Address Same

A. Wastewater Piping

1. Material: Orwin Musick Diameter: _____ in.
2. Distance between dwelling and septic tank: 35 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 1000 gal
3. Depth to top of tank, below unfinished grade: 12 in.
4. Distance to:
   Well 101 ft.
   Pressure line 100 ft
   Property Line 190 ft.
   Foundation 30 ft.

C Distribution Box or Drop Box

Distance **and** Direction from septic tank: 8 ft. North

D. Drainfield/Absorption Field

☑ Trench ❑ Bed

1. Type: ❑ Perforated Pipe ☑ Chamberless ❑ Other
   Material, brand and inside width of Chamberless: Plastic 38"
2. Number of Laterals: 1
3. Length of each lateral (linear): ft. 105 ft. _____ ft. _____ ft. _____
4. Drainfield size: 420 ✓ sq. ft. (350 Req'd)
5. Distance to:
   Well 108 ft.
   Pressure line 137 ft.
   Property line 180 ft.
   Depth of Groundwater 2013

✓ System Installed on 11-30-18 per plan

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☑ Yes ❑ No

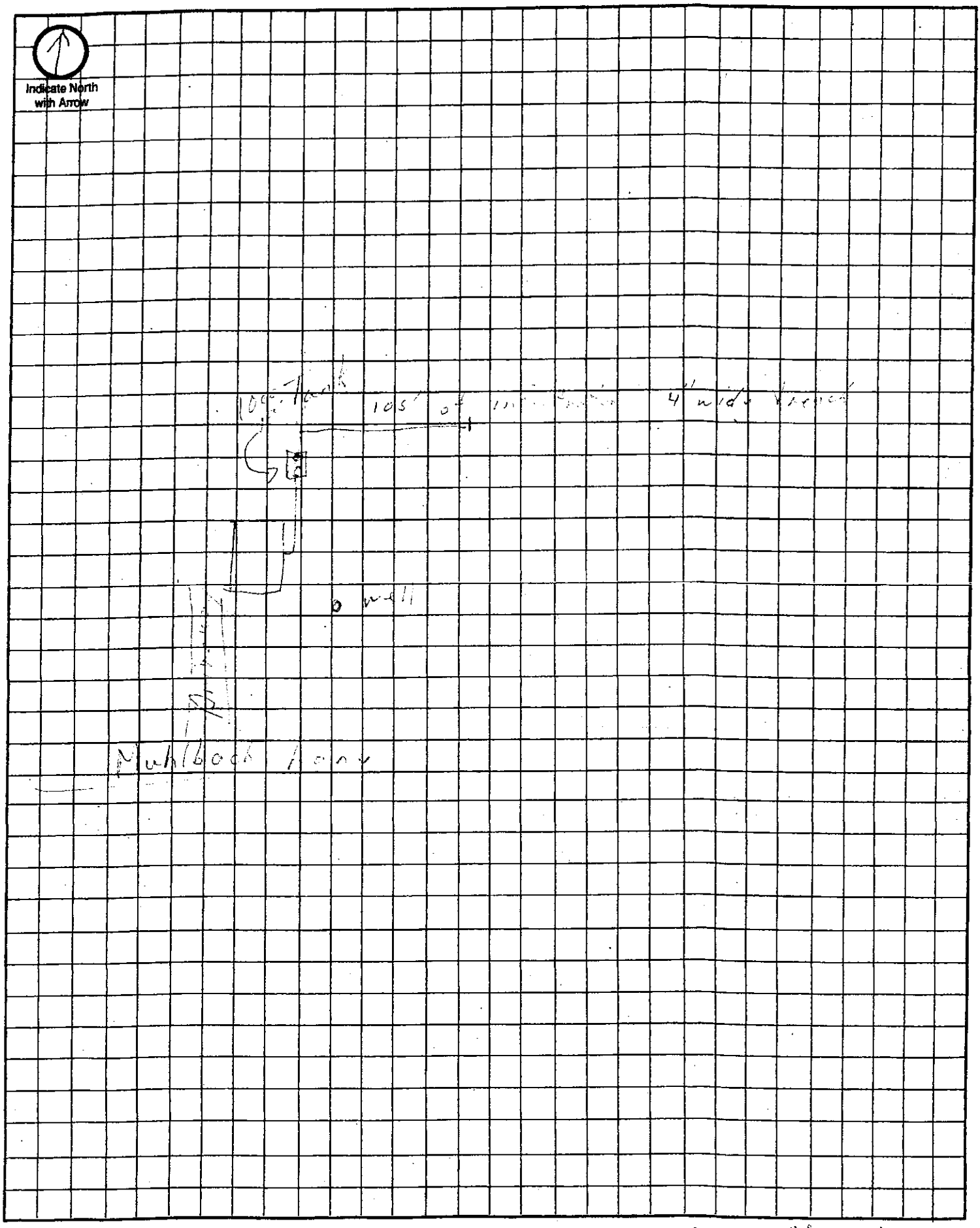
If Yes, the Certified Professional must sign below for final approval:

I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate.

Certified Professional Signature: Harry Muhlbach Date: 11-30-18

Complete As-Built drawing on the back of this form.

As Built Drawing



Approximate Scale: 30 ft. = 1 grid line/s

Lincoln-Lancaster County Health Department (LLCHD)
Environmental Public Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

B

Permit Number:

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 4200 Muhlbach ln (no rural route) City Denton NE, Zip 68339

Owner Orwin Masek Address 4200 Muhlbach Lane

Date of Tests 8-4-18 to 8-5-18 Weather: Precipitation [illegible] Temperature 90's

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					L. M. N. Results		
		Start		End		Start		Initial	End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	30	8-4	1PM	8-5	24	8-5	11:00PM	6	8-5	5PM	30	5½	40
2	30	"	"	"	"	"	1:05	6	"	5:35PM	"	5	35
3	30	"	"	"	"		1:10	6	"	5:15PM	"	5½	40
4	30	"	"	"	"	"	1:15	6	"	5:15PM	"	½	10
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Harry Muhlbach

Phone: [illegible]

Address [illegible]

Sum of Percolation Rates: 20

Average of Rates: 50 ✓

Rate Used for Calculation: 50 - 55

Soil type (NRCS Maps/Other) Sharpsburg Silty clay loam

Groundwater Depth Deep more than 15

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date

Nate C. Hartman

From: Mike J. Petersen
Sent: Thursday, January 11, 2018 9:08 AM
To: Nate C. Hartman
Subject: Lot 1 Block 1 Northern Divide
Attachments: Mike Petersen.vcf

Nate- Lot 1 Block 1 Northern Divide is a legal buildable lot NOT in the flood plain. -Mp



Mike Petersen
Building & Safety Dept.
Plans Examiner II

(402) 441-6445 Work
mjpetersen@lincoln.ne.gov

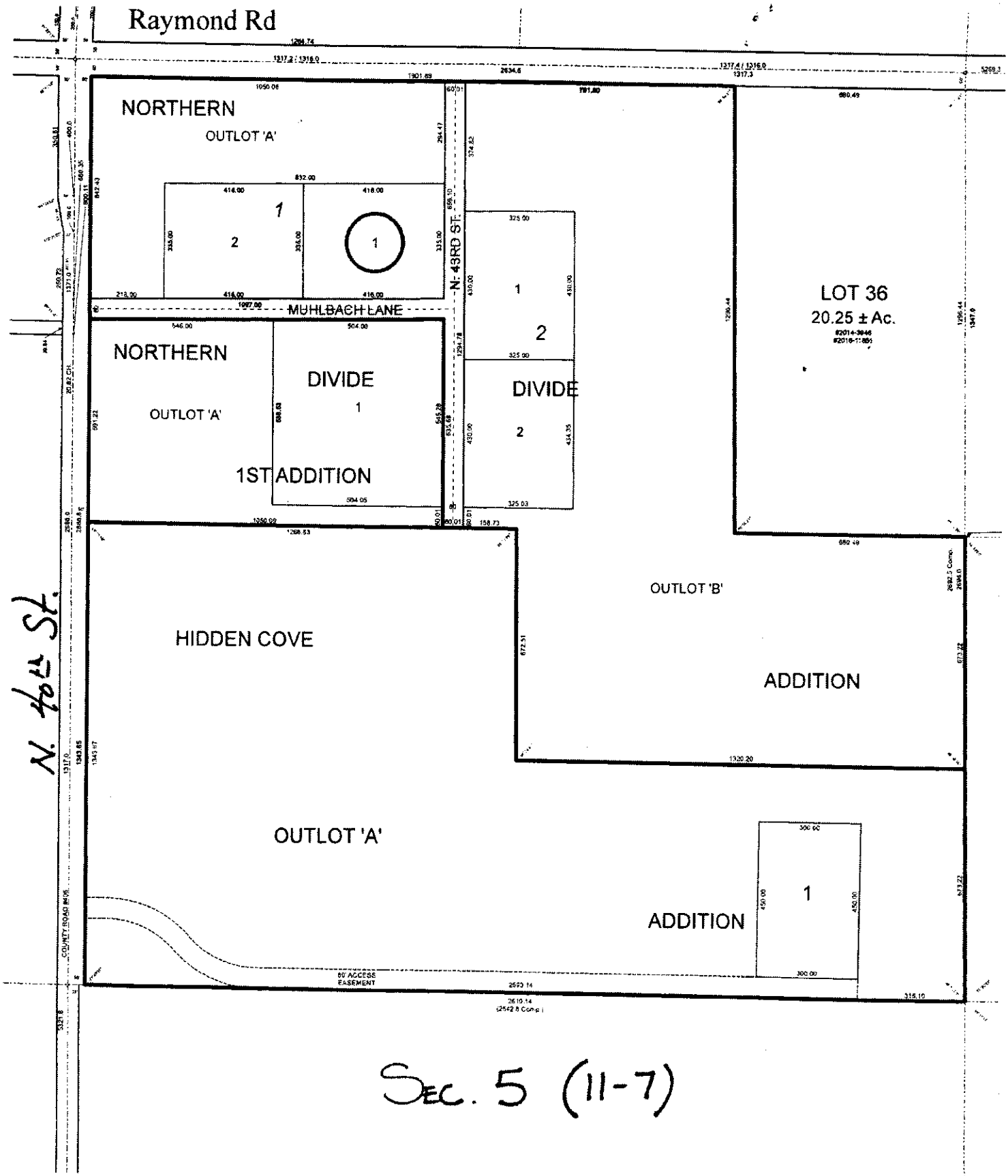
555 S. 10th Street Room 203
Lincoln, NE 68508

Nate C. Hartman

From: Ken D. Schroeder
Sent: Thursday, January 11, 2018 9:36 AM
To: Nate C. Hartman
Cc: Pamela L. Dingman
Subject: sewage disposal system for PID #18 05 101 001 000 (4200 Muhlbach Lane)
Attachments: part of sec 5-11-7.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for lot 1, Block 1,"NORTHERN DIVIDE ADDITION" located in the NW ¼ of Section 5, T11N, R7E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of section 5-11-7.pdf)*
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.
Ken

Kenneth D. Schroeder, RLS
Lancaster County Surveyor
444 Cherrycreek Road, Bldg. "C"
Lincoln, Nebraska 68528
kschroeder@lancaster.ne.gov
Phone (402) 441-7681
Fax (402) 441-8692


Raymond Rd
NORTHERN
OUTLOT 'A'
1
2
1
N. 43RD ST.
MUHLBACH LANE
LOT 36
20.25 ± Ac.
NORTHERN
OUTLOT 'A'
DIVIDE
1
DIVIDE
2
1ST ADDITION
OUTLOT 'B'
HIDDEN COVE
ADDITION
OUTLOT 'A'
ADDITION
60' ACCESS EASEMENT
N. 46th St.
Sec. 5 (11-7)

SCANNED

Lincoln-Lancaster County Health Department (LLCHD)
Environmental Public Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

B

Permit Number:

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

4200 Address Muhlbach ln City Davey NE, Zip 68517
(no rural route)

Owner Orwin Masek Address 4200 Muhlbach Lane

Date of Tests 8-4-18 to 8-5-18 Weather: Precipitation 0 Temperature 90°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					L. M. N. Results		
		Start		End		Start		Initial	End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	30	8-4	1PM	8-5	24	8-5	1:00PM	6	8,5	5 PM	30	3/4	40
2	30	"	"	"	"	"	1:05	6	"	5:05PM	"	9/16	53
3	30	"	"	"	"	"	1:10	6	"	5:15PM	"	5/8	48
4	30	"	"	"	"	"	1:15	6	"	5:15PM	"	1/2	60
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Harry Muhlbach
Phone: 402 430-7504
Address 5701 View St Lincoln, Ne 68506

Sum of Percolation Rates: 201
Average of Rates: 50,25 ✓
Rate Used for Calculation: 50-60

Soil type (NRCS Maps/Other) Sharpsburg-Judson silty loam
Groundwater Depth Deep more than 15'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date