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

A

Permit Number
#8001751

New Construction
Synergy Homes

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 4140 Muhlbach Ln (no rural route) City Lincoln NE Zip ~~68517~~ 68514

Legal Description NW 5 11N 7E Northern Divide 1 2

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

PID 18-05-101-002-000

B. Owner

Name Jared & Karisa Roberts Signature Jared Roberts Karisa Roberts

Address 1710 NW 45th St City/State/Zip Lincoln, NE 68528

Home Phone 402-613-9628 Work Phone 402-649-1414

C. Certified Installer

Name Lloyd Jakoubek, Raymond Contracting Inc Signature Lloyd Jakoubek

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

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 5 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 3.2

Garbage Grinder? ☒ Yes ☐ No

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

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 fwd Signature
Comments

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

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

Installation Final Written Approval
By

Business Office Use Only
Date Received 10-10-18 Amount Paid $420.00
Received By JAO Cash/Check No 9505

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

Northern Divide Addition
Block 1, Lot 2
N 40th & Raymond Rd

Onsite System Location

PLEASE PRINT OR TYPE

Address _____ City _____ NE, Zip _____
(no rural route)

Owner Shannon Castillo Address 1240 Beechcraft Dr, Lincoln, NE 68527

Date of Tests 11/29/17 to 11/30/17 Weather: Precipitation 0 Temperature 52

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	39	11/29	3:00p	11/30	7:00p	11/30	3:00p	6	11/30	3:30p	30	1/2	60
2	20	"	"	"	"	"	"	6	"	"	"	3-1/8	10
3	20	"	"	"	"	"	"	6	"	"	"	2-1/4	13
4	3/23/17	"	"	"	"	"	"	6	"	"	"	1/2	60
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri L Jakoubek, Raymond Contracting, Inc.
Phone: 402-783-2663 or 402-890-6009
Address 13800 NW 70th St
Raymond, NE 68428 Cert #1198

Sum of Percolation Rates: 143
Average of Rates: 36
Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Aksarben Silty Clay Loam
Groundwater Depth >8'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official _____ Date _____

DocuSign Envelope ID: AE97A43F-B0A7-4C05-BFAB-1C267F66DDB5

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

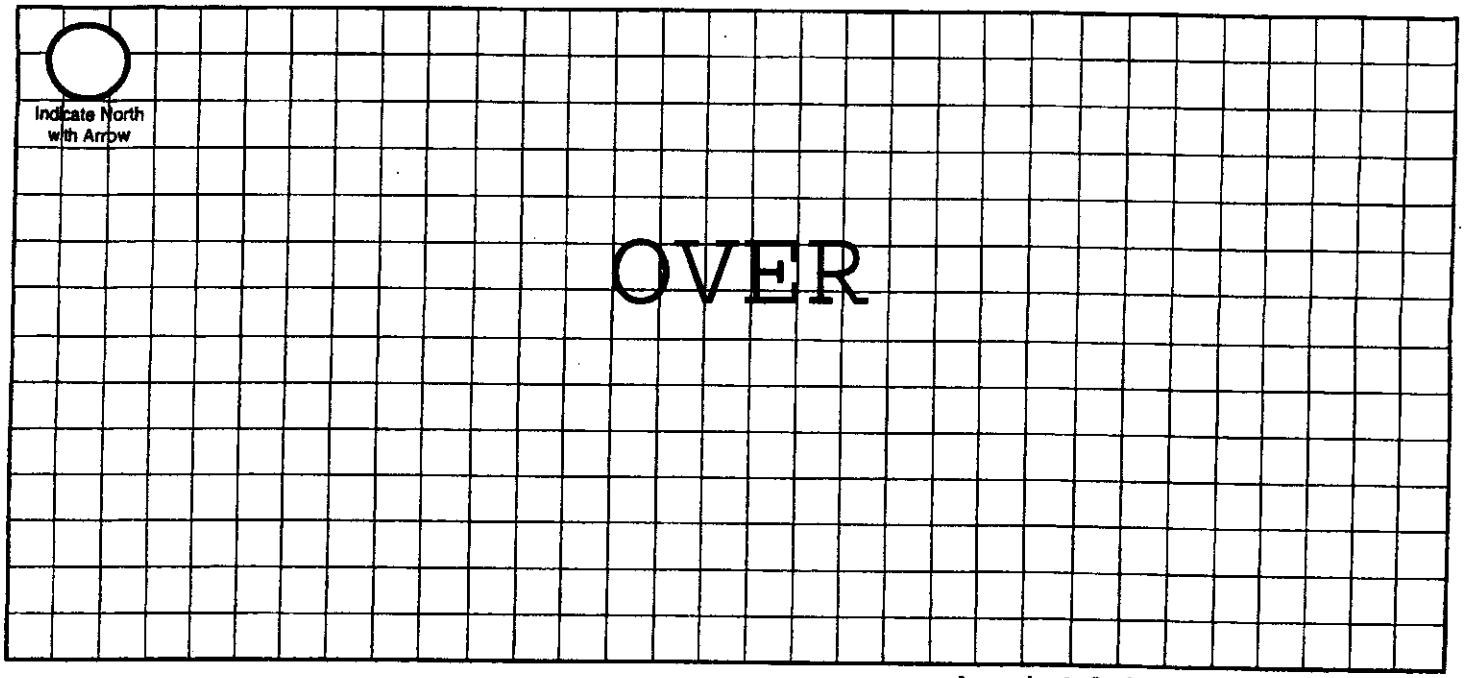
C

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: _____ft. = _____ grid line/s

A. Onsite System Location

Address (no rural route) 4140 Muhlbach Ln City Lincoln NE, Zip ~~68517~~ 68514

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other_____ ☐ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 5 Soil Type Aksarben SCL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,755 sq.ft.

Total length of laterals 390 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption tranches 4 Width 40" No. of drop boxes 1 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

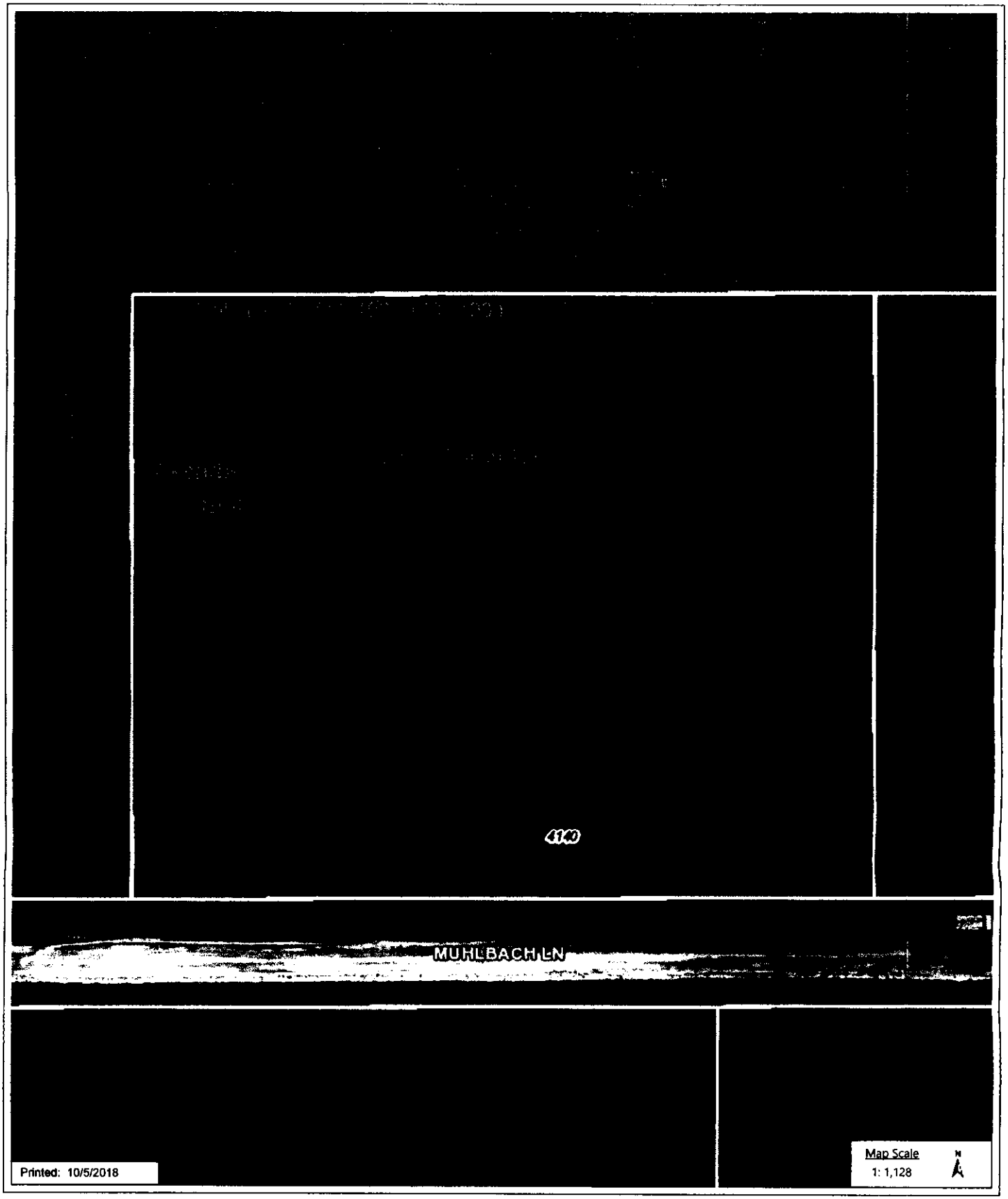
[redacted] DocuSigned by: MARIA SEMERAD A4CA9B334A00467... Date 10/6/2018 11:30:23 AM PDT

Installer _____ Date 10/5/18

DocuSign Envelope ID: AE97A43F-B0A7-4C05-BFAB-1C267F66DDB5 **ner Initials**

GIS Viewer

City of Lincoln\Lancaster County GIS Map



DISCLAIMER: The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email assessor@lancaster.ne.gov and you will be directed to the appropriate department.

DS

MS 10/6/2018 11:30:2

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001751

System Type: Standard

Situs: 4140 MUHLBACH LN, DAVEY, NE 68517

Issued: 10/11/2018

Expires: 10/11/2019

Description: NORTHERN DIVIDE ADDITION, BLOCK 1, Lot 2

Owner: ROBERTS, JARED & KARISA
1710 NW 45 ST
LINCOLN, NE 68528

Shavonna M. Lausterer, MPH, CPH, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Shavonna M. Lausterer, MPH, CPH
Health Director

RAYMOND CONTRACTING INC
13800 NW 70TH ST
RAYMOND, NE 68428

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

SCANNED

A

Permit Number
#8001751

New Construction
Synergy Homes

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 4140 Muhlbach Ln (no rural route) City Lincoln NE Zip ~~68517~~ 68514

Legal Description NW 5 11N 7E Northern Divide 1 2
1/4 1/4 Section Township Range Subdivision Addition Block Lot

PID 18-05-101-002-000

B. Owner

Name Jared & Karisa Roberts Signature Jared Roberts Karisa Roberts

Address 1710 NW 45th St City/State/Zip Lincoln, NE 68528

Home Phone 402-613-9628 Work Phone 402-649-1414

C. Certified Installer

Name Lloyd Jakoubek, Raymond Contracting Inc Signature Lloyd Jakoubek

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

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 5 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 3.2
Garbage Grinder? ☒ Yes ☐ No

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

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 OR County Resolution No. 02-39

1. Health Department
Site visits Date rec'd 10/11/18 Date fwd 10/11/18
ACTION ☒ Approved ☐ Disapproved Signature
Comments

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

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

Installation Final Written Approval
By 5/6/19

Business Office Use Only
Date Received 10-10-18 Amount Paid $420.00
Received By JAO Cash/Check No 9505

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Permit Number: 1500 1751

Onsite Wastewater Treatment System

Inspection Sheet

Date 5/6/19 Legal Description _____

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 4140 Mobil Home Ln City _____

Owner _____ Address _____

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

_____

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield _____ Sq. Ft. Tank Size _____ gals

Total length of laterals _____ Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) _____

_____

No. of Absorption Laterals _____ Width _____ No. of Drop Boxes _____ Distribution Box _____

Leveling Method Used _____

See attached sheet

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	10 ☐	5 ☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	25 ☐	5 ☐

Geographical Coordinates to 6 Decimals:

Tank _____

Lateral #1 _____ Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial _____ Date _____

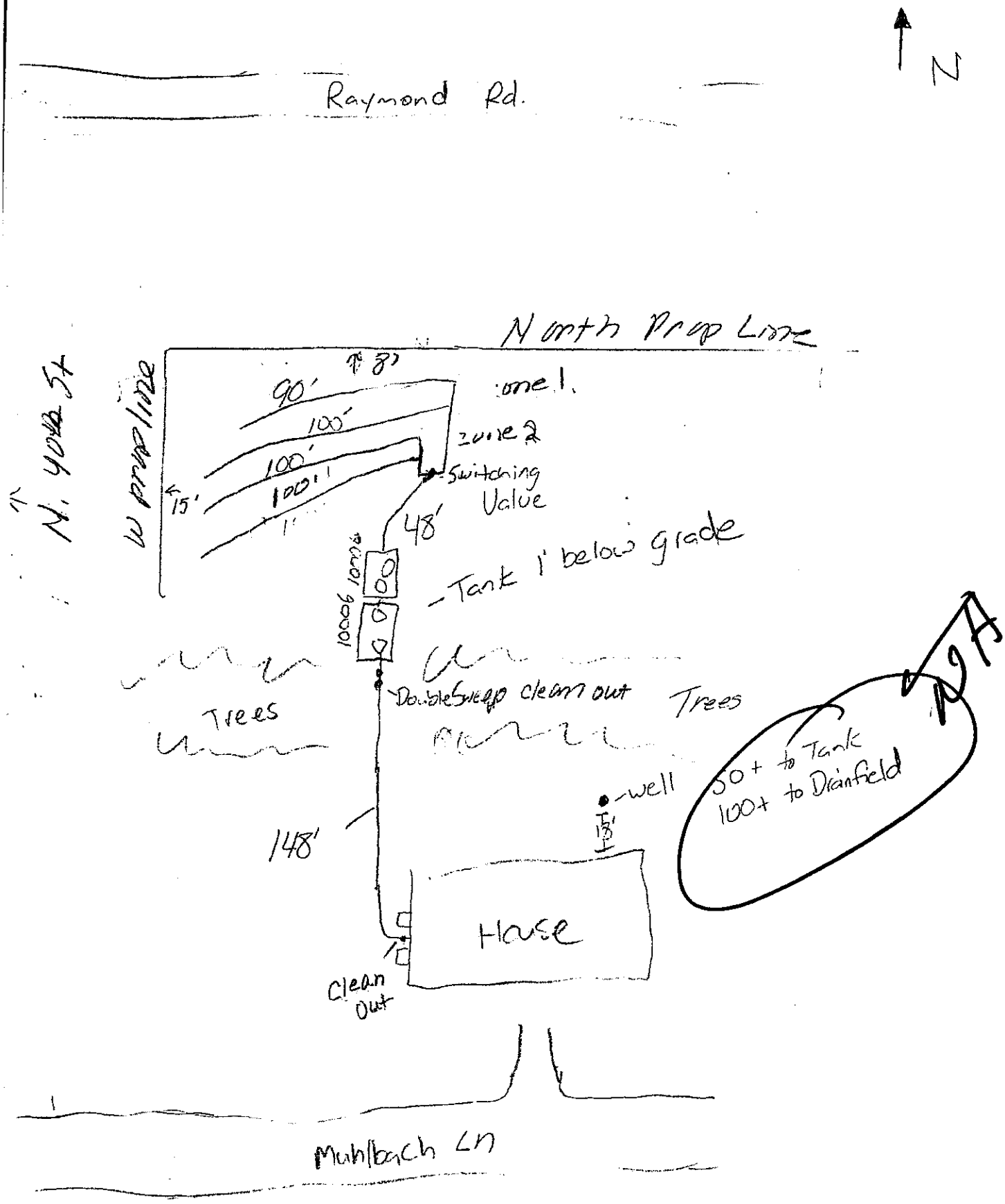
Follow-Up _____ Date _____

Follow-Up _____ Date _____

~~Installation Final Written Approval~~
By _____

Date 5/6/19

Field Note Drawing (See Reverse Side):


Raymond Rd.
N
North Prop Line
N. 40th St
W property line
90'
100'
100'
100'
15'
zone 1
zone 2
switching Valve
48'
1000 gallon
Tank 1' below grade
Trees
Double Swept clean out
Trees
50+ to Tank
100+ to Drainfield
well
15'
148'
House
Clean Out
Muhlbach Ln

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: HS001751

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 PID = 18-05-101-002-000

Address or Legal Description or Parcel Identification Number (PID) 4140 Muhlbach Ln, Lincoln, NE 68514

Owner: Jared & Karisa Roberts Address 1710 NW 45th St, Lincoln, NE 68528

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 148 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2,000 (2-1,000 gallon tanks)
3. Depth to top of tank, below unfinished grade: 12 in.
4. Distance to:
   Well 50 ft.+
   Pressure line N/A ft
   Property Line 75 ft.+
   Foundation 100 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 48 ft. N

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other
   Material brand and inside width of Chamberless: EZFlow 1203H Bundles
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 100 ft. 100 ft. 100 ft. 90
4. Drainfield size: 1,755 sq. ft.
5. Distance to:
   Well 100 ft.+
   Pressure line N/A ft.
   Property line 8 ft.
   Depth of Groundwater >10'

Was it done w/ last 2 laterals approval NOT

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No (Partially)

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: [signature] Date: 4/24/19

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

Updated 4/15

Nate C. Hartman

From: Terri Jakoubek <jakoubek63@windstream.net>
Sent: Saturday, April 27, 2019 1:15 PM
To: Nate C. Hartman
Cc: Doug R. Smith
Subject: 4140 Mulbach Ln D-Sheet
Attachments: 4140 Mulbach Ln D-Sheet.pdf

HS001751 attached.

Thanks,

Terri Jakoubek
Raymond Contracting, Inc.
13800 NW 70th St
Raymond, NE 68428
402-783-2663 (Office)
402-783-2341 (Fax)
402-890-3870 (Mobile)
jakoubek63@windstream.net

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: HS001751

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 PID = 18-05-101-002-000

Address or Legal Description or Parcel Identification Number (PID) 4140 Muhlbach Ln, Lincoln, NE 68514

Owner: Jared & Karisa Roberts Address 1710 NW 45th St, Lincoln, NE 68528

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 148 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2,000 (2-1,000 gallon tanks)
3. Depth to top of tank, below unfinished grade: 12 in.
4. Distance to:
   Well 50 ft.+
   Pressure line N/A ft
   Property Line 75 ft.+
   Foundation 100 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 48 ft. N

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other
   Material brand and inside width of Chamberless: EZFlow 1203H Bundles
2. Number of Laterals: 4
3. Length of each lataral (linear): ft. 100 ft. 100 ft. 100 ft. 90
4. Drainfield size: 1,755 sq. ft.
5. Distance to:
   Well 100 ft.+
   Pressure line N/A ft.
   Property line 8 ft.
   Depth of Groundwater >10'

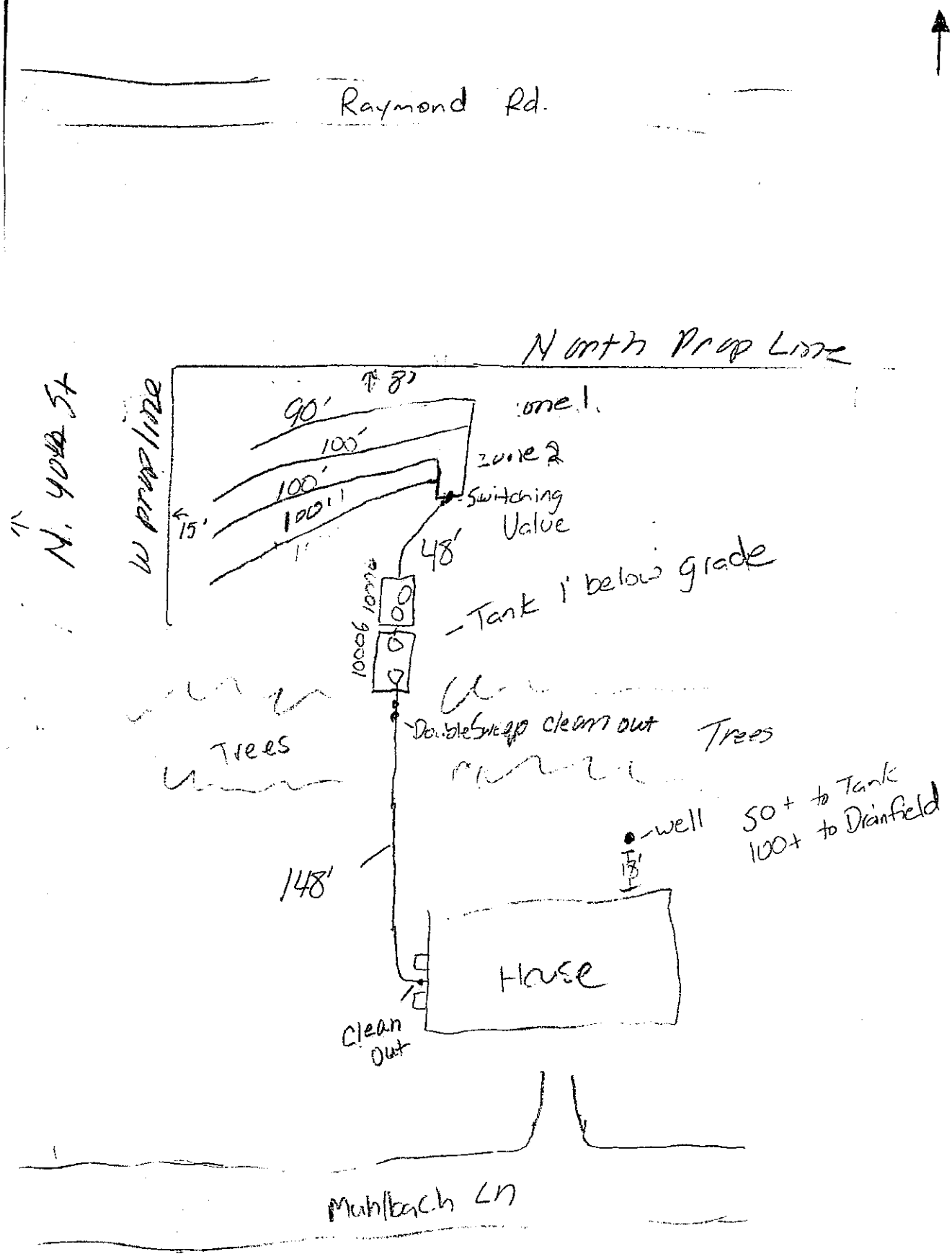
Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No (Partially)

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: [signature] Date: 4/24/19

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


Raymond Rd.
N
North Prop Line
N. 40th St
W property line
90'
100'
100'
100'
15'
8'
zone 1
zone 2
Switching Valve
48'
1000 gallon
Tank 1' below grade
Double Swamp clean out
Trees
Trees
well
50+ to Tank
100+ to Drainfield
13'
148'
House
Clean Out
Muhlbach Ln

DocuSign Envelope ID: AE97A43F-B0A7-4C05-BFAB-1C267F66DDB5

SCANNED

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

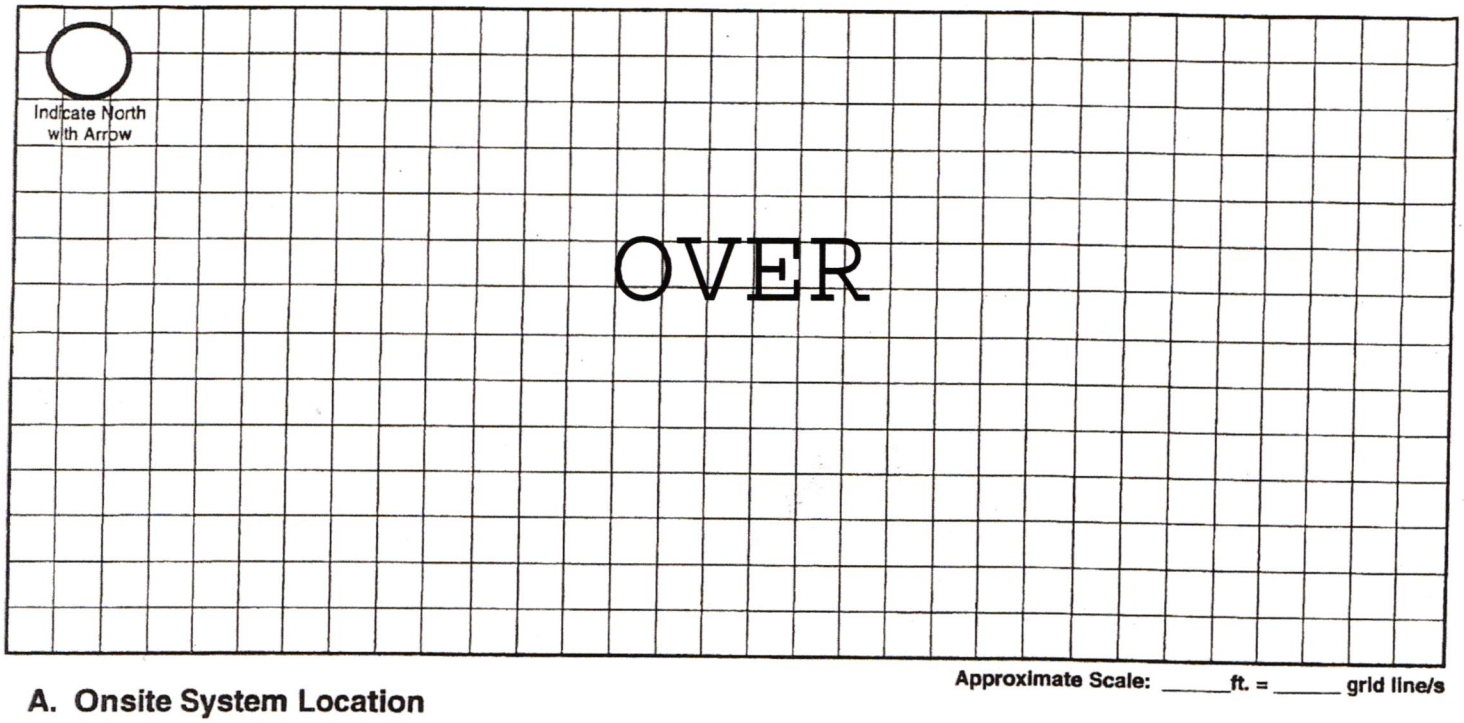
C

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: _____ft. = _____ grid line/s

A. Onsite System Location

Address (no rural route) 4140 Muhlbach Ln City Lincoln NE, Zip 68517 ~~68514~~

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 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 60 (min/inch = mpi) No. of Bedrooms 5 Soil Type Aksarben SCL Land Slope _____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,755 sq.ft.

Total length of laterals 390 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 4 Width 40" No. of drop boxes 1 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 DocuSigned by: MARIA SEMERAD A4CA9B334A00467... Date 10/6/2018 11:30:23 AM PDT

Installer _____ Date 10/8/18

Onsite Form C 12-06

SCANNED

DocuSign Envelope ID: AE97A43F-B0A7-4C05-BFAB-1C267F66DDB5 ner Initials

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



DISCLAIMER: The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email assessor@lancaster.ne.gov and you will be directed to the appropriate department.

DS

MS 10/6/2018 11:30:2