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

A

Permit Number HS001794

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 12731 W Rokeby Rd (no rural route) City Denton, NE Zip 68339

Legal Description NE 31 9N 5E 20
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 03-31-200-011-000

B. Owner

Name Kelly Wavada Signature

Address ~~8250 Olivia Dr~~ 7411 Alvo Dr. City/State/Zip Lincoln, NE ~~68512~~ 68514

Home Phone 210-383-0005 work cell Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

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 4 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 20.02
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
Comments
Date rec'd
Date frwd
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

Business Office Use Only
Date Received 2-11-19 Amount Paid $420.00
Received By JAO Cash/Check No 7192

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

Form A Updated: 1/13

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 12731 W Rokeby Rd (no rural route) City Denton NE, Zip 68339

Owner Kelly Wavada Address 7411 Aero Dr, Lincoln, NE 68516

Date of Tests 7/10/17 to 7/11/17 Weather: Precipitation 0 Temperature 89°

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			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Initial Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	26	7/10	1:00p	7/10	5:00p	7/11	12:00p	6	7/11	12:30p	30	11/16	44
2	36	"	"	"	"	"	"	6	"	"	"	1-1/2	20
3	22	"	"	"	"	"	"	6	"	"	"	1	30
4	24	"	"	"	"	"	"	6	"	"	"	2-1/8	14
								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: 108

Average of Rates: 27

Rate Used for Calculation: 44 (20 mpi variance)

Soil type (NRCS Maps/Other) Steinauer Loam

Groundwater Depth >8'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

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

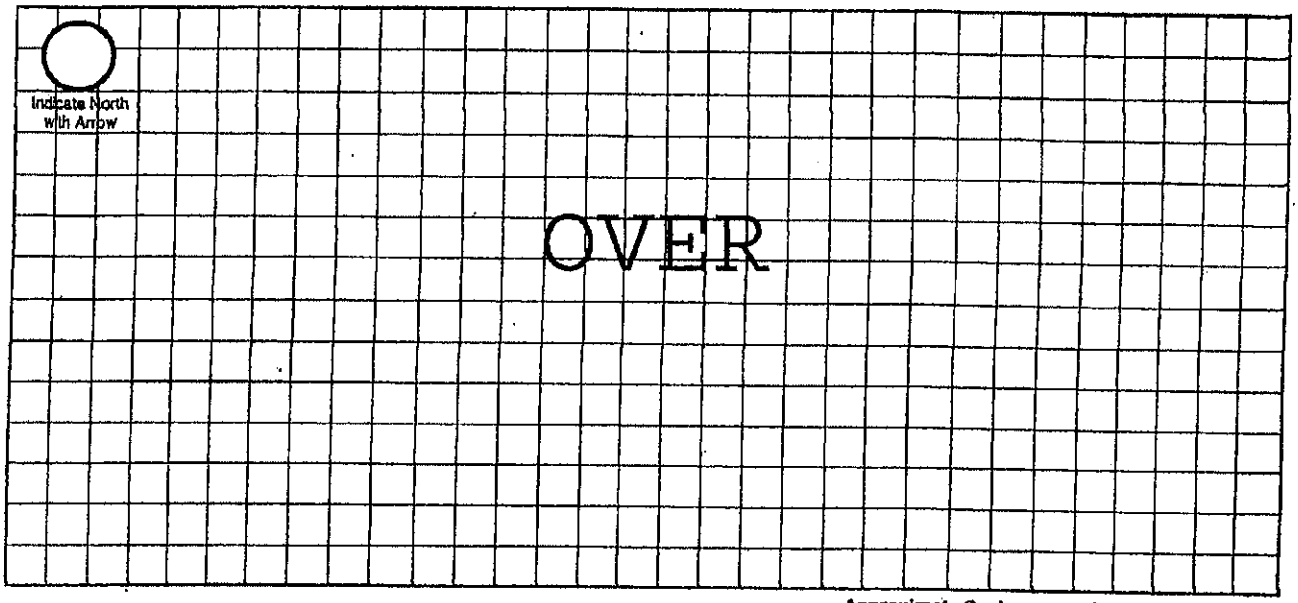
C

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) 12731 W Rokeby Rd City Denton NE, Zip 68339

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 44 (min/inch = mpi) No. of Bedrooms 4 Soil Type Steinauer Loam Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,350 sq.ft.

Total length of laterals 300 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 3 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

Homeowner/Designer Maria A Semenuk Date 2-11-19

Installer Nina L. Jakowski Date 2-11-19

Onsite Form C 12-06

12731 W Rokeby Rd
Owners: Kelly and Paula Wavada

Parcel ID: 03-31-200-011-000

N



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. HS001794

System Type: Standard

Situs: No Site Address Specified

Issued: 2/22/2019

Expires: 2/22/2020

Description: S31, T9, R5, 6th Principal Meridian, LOT 20 NE

Owner: WAVADA, KELLY J & PAULA D
8250 OLIVIA DR
LINCOLN, NE 68512

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

SCANNED

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

A

Permit Number HS001794

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Synergy Homes

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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 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 20.02
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 9/11/19 AG
Comments
Date rec'd 2/22/19
Date frwd 2/22/19
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 Doug Thuber
Date 9/19/19

Business Office Use Only
Date Received 2-11-19 Amount Paid #420.00
Received By JAO Cash/Check No. 1192

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

Form A Updated: 1/13

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

Exhibit 5

Permit Number: H5001794

Onsite Wastewater Treatment System

Inspection Sheet

Date 9/19/19 Legal Description ¼ ¼ 31/9/5 Section/Township/Range

Onsite System Location

Address (no rural route) 12731 W. Rokeby Rd. 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 1,350 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 300' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ~~☒~~ Other (describe) E2 Flow

No. of Absorption Laterals 4 Width 4.5 Factor No. of Drop Boxes Distribution Box 1

Leveling Method Used Laser

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 N/A Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial DS Date 9/19/19

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By Doug Anderson
Date 9/19/19

Field Note Drawing (See Reverse Side):

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: HS001794

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 = 03-31-200-011-000

Address or Legal Description or Parcel Identification Number (PID) 12731 W. Rokeby Rd, Denton, NE 68339

Owner: Kelly Wavada Address 7411 Aero Dr, Lincoln, NE 68516

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 135 ft.

B. Septic Tank

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

C Distribution Box or Drop Box

Distance and Direction from septic tank: 21 ft. W

(Drainfield Control Valve)

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. 70 ft. 80 ft. 70 ft. 80
4. Drainfield size: 1,350 sq. ft.
5. Distance to:
   - Well 100 ft.+
   - Pressure line N/A ft.
   - Property line 100 ft.+
   - Depth of Groundwater >8'

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

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

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: 9/11/19

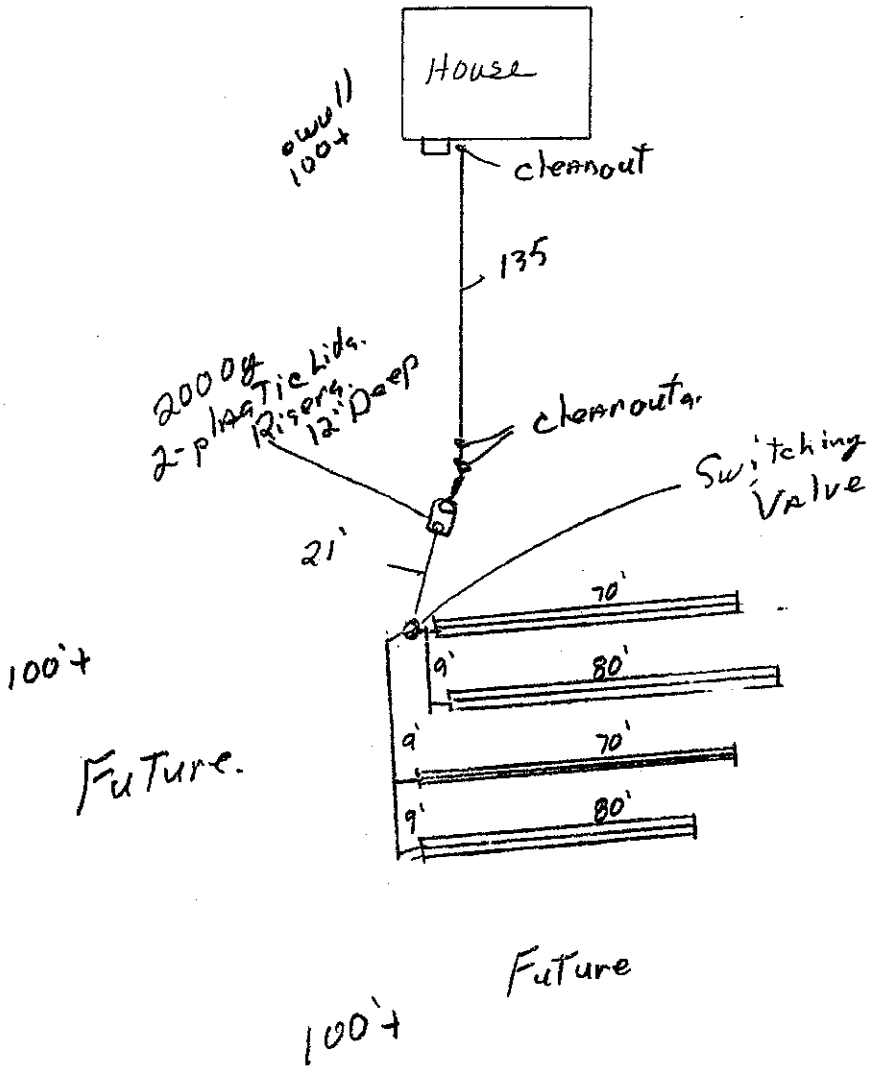
Complete As-Built drawing on the back of this form.

W.
12731 Rokeby Rd
Denton, NE 68339
4 Bedroom
4 - Disposal
4 - DIS Jetted Tub

← N

Raymond Contracting, Inc.
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663

9/11/2019



Nate C. Hartman

From: Ken D. Schroeder
Sent: Thursday, February 14, 2019 1:13 PM
To: Nate C. Hartman
Cc: Pamela L. Dingman
Subject: Sewage disposal system for PID #03 31 200 011 000 (12731 W. Rokeby Rd)
Attachments: part of sec 31-9-5.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 20 irregular tracts located in the NE ¼ of Section 31, T9N, R5E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec.31-9-5.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

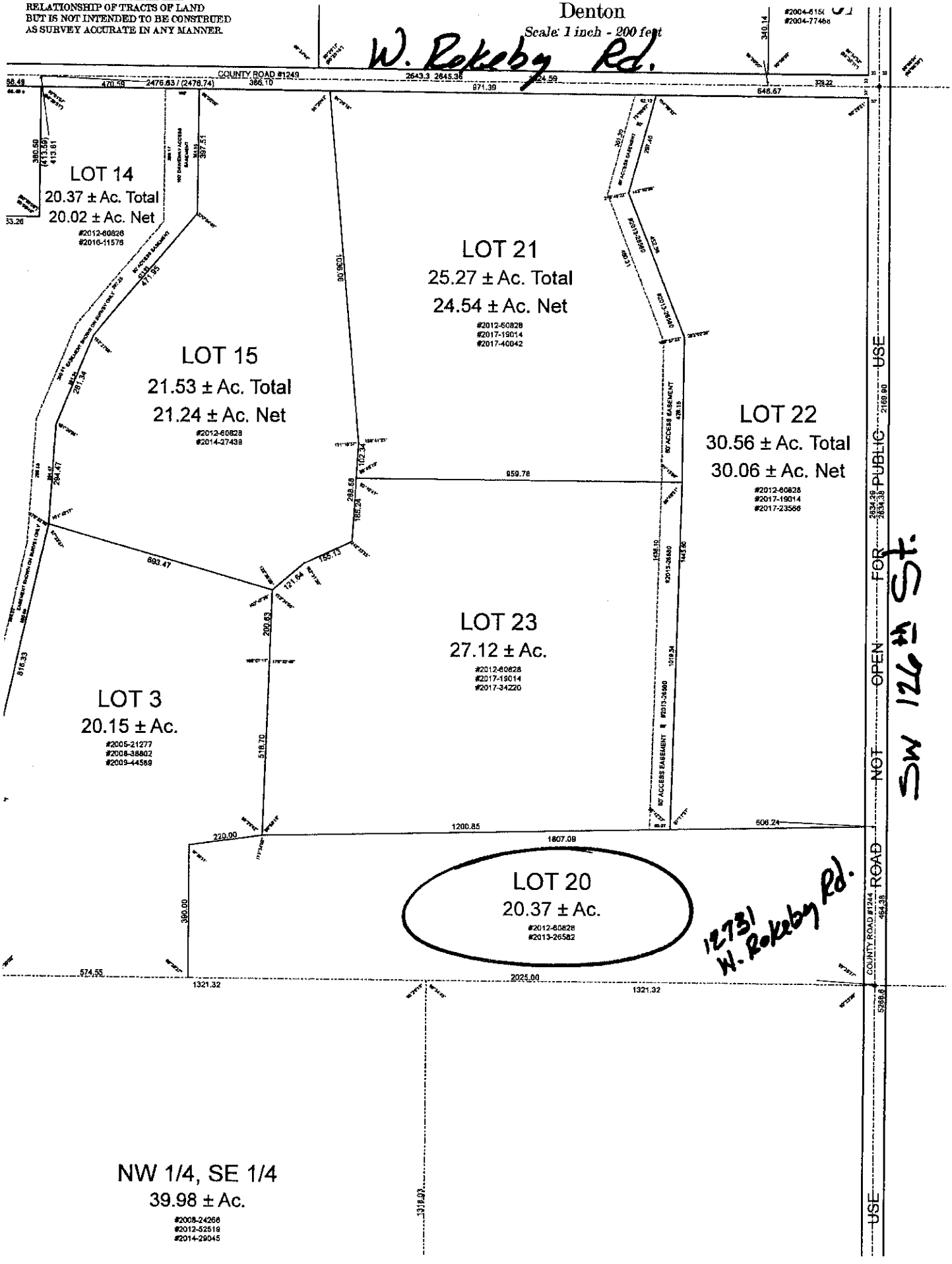
THIS PLAT IS INTENDED TO SHOW AS ACCURATELY AS POSSIBLE THE RELATIONSHIP OF TRACTS OF LAND BUT IS NOT INTENDED TO BE CONSTRUED AS SURVEY ACCURATE IN ANY MANNER.

Sec.31-T9N-R5E

Denton

Scale: 1 inch - 200 feet

W. Rokeby Rd.



SW 126th St.

12731 W. Rokeby Rd.

Nate C. Hartman

From: Todd A. Stutzman
Sent: Thursday, February 14, 2019 10:49 AM
To: Nate C. Hartman
Subject: 12731 W Rokeby Rd.

Nate,

The lot located in S31-T9-R5 lot 20 is a buildable lot.

Todd Stutzman
Plan Examiner II
402-441-7097
555 S 10th Street, Room 203
Lincoln, NE 68508

SCANNED

C

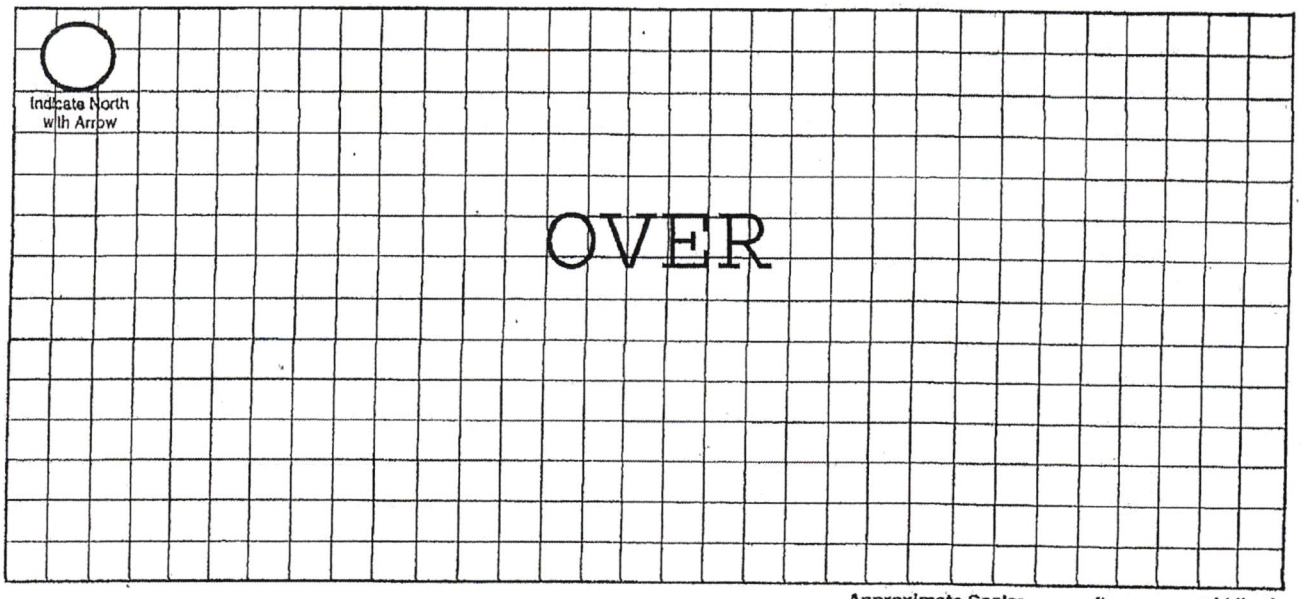
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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) 12731 W Rokeby Rd City Denton NE, Zip 68339

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 44 (min/inch = mpi) No. of Bedrooms 4 Soil Type Steinauer Loam Land Slope _____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,350 sq.ft.

Total length of laterals 300 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 3 Width 40" No. of drop boxes 1 Distrubition 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 ☐	☐

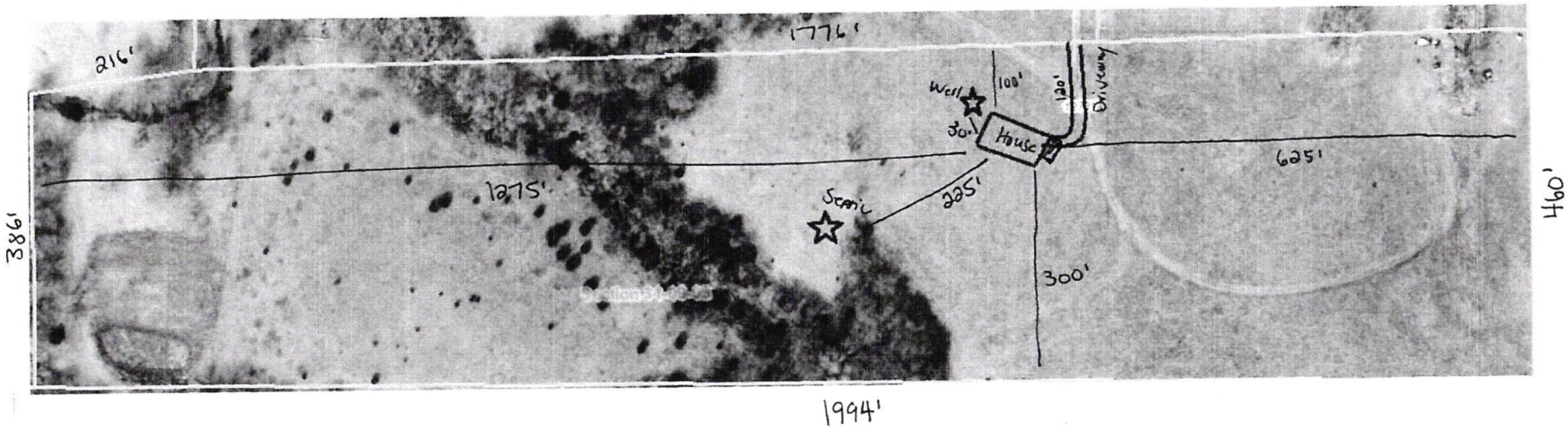
F. Required Signatures

Home Building Contractor Maria A Semerad Date 2-11-19

Installer Kirsti L. Jakowatz Date 2-11-19

12731 W Rokeby Rd
Owners: Kelly and Paula Wavada

Parcel ID: 03-31-200-011-000



SCANNED