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

A

Permit Number
HSDD2377

Onsite Wastewater Treatment System Permit Application

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

☐ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 4514 NW 84 City Lincoln, NE Zip 68528
(no rural route)

Legal Description 10 5 11 32 LC
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID *Approx. Address (If to be determined)

B. Owner

Name Vasiliy Tishkov Signature
Address 1560 SW 11th Pl City/State/Zip Lincoln, Ne 68522
Home Phone 531-444-6221 Work Phone

C. Certified Installer Mahlback

Name: Harry Signature Harry Mahlback
Address 14277 N 56th St City/State/Zip Lincoln, Ne 68514
Work Phone 402-430-7304

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
Garbage Grinder? ☐ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 600

Type of Wastewater ☒ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

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 3-21-22 Amount Paid 450.00
Received By LC Cash/Check No. CC 2036

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

Form A Updated: 4

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

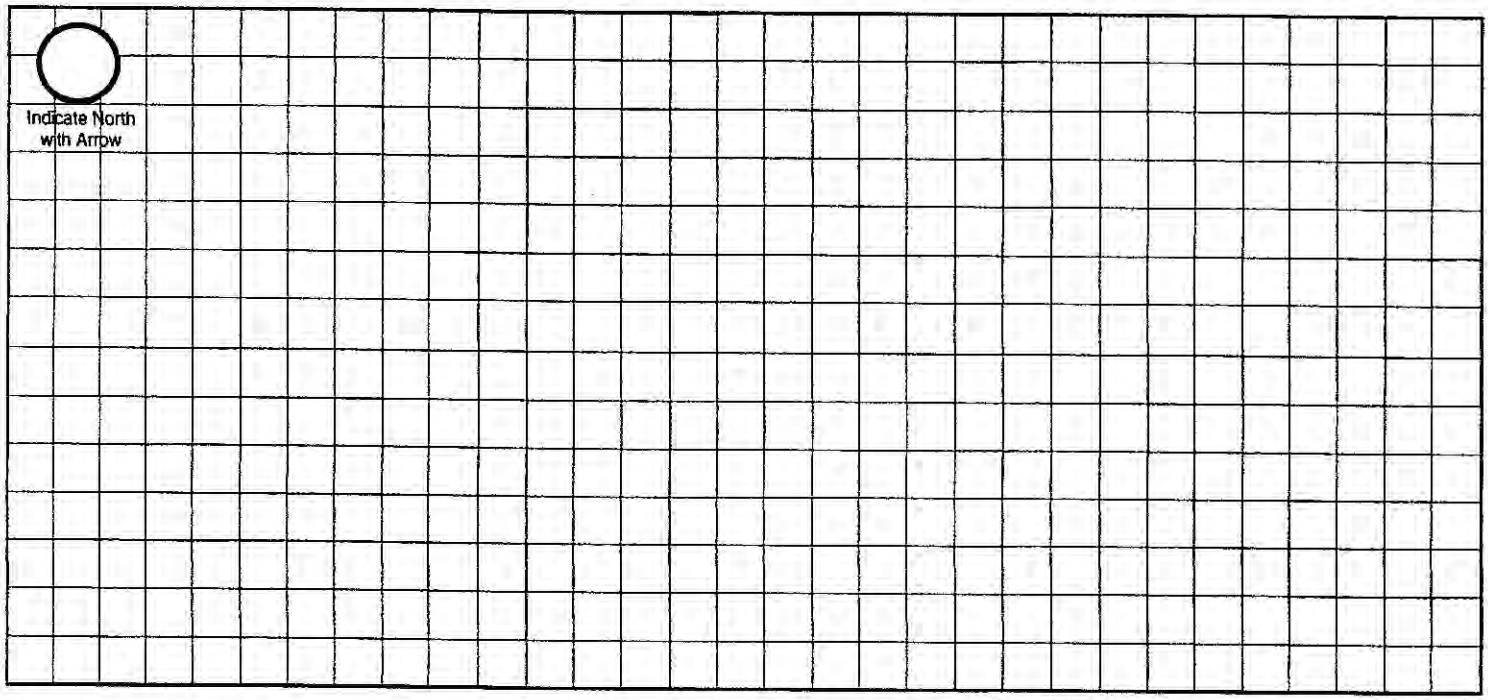
C

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) 4514 NW 84 City Lincoln NE, Zip 68528

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 (percolation test required) ☑ Lagoon

D. Drainfield Absorption System

Percolation Rate_____ (min/inch = mpi) No. of Bedrooms 4 Soil Type Sharpsburg Shelby Silty Clay Land Slope_____%

☐ 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 Harry Whitbeck Date 3-14-22

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. HS002377

System Type: Lagoon

Situs: No Site Address Specified

Issued: 3/23/2022

Expires: 3/23/2023

Description: S11, T10, R5, 6th Principal Meridian, LOT 32 NW

Owner: TISHKOV, VASILIY & TYSHKOVA, NATALIIA
1560 SW 11 PL
LINCOLN, NE 68522

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, 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.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
Health Director

VASILIY TISHKOV
1560 SW 11 PL
LINCOLN, NE 68522

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

SCANNED

A

Permit Number
HSOD2377

Onsite Wastewater Treatment System Permit Application

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

☐ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

PLEASE PRINT OR TYPE * Need perc test

A. Onsite System Location

Address* 4514 NW 84 City Lincoln, NE Zip 68528
(no rural route)

Legal Description ____ 10 5 11 ____ 32 LC
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID ____ *Approx. Address (If to be determined) ____

B. Owner

Name Vasiliy Tishkov Signature ____
Address 1560 SW 11th Pl 68522 City/State/Zip Lincoln, Ne 68522
Home Phone 531-444-6221 Work Phone ____

C. Certified Installer

Name: Harry Muhlbach Signature Harry Muhlbach
Address 14277 N 56th St. City/State/Zip Lincoln, Ne 68514
Work Phone 402-430-7304

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 5.15 ✓
Garbage Grinder? ☐ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify ____ Design flow in gallons per day 600
Type of Wastewater ☑ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department
Site visits ____
Comments ____
Date rec'd 3/23/22
Date frwd 3/23/22
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 5/24/23

contacted them on 2/8/23

Business Office Use Only
Date Received 3-21-22 Amount Paid 450.00
Received By LC Cash/Check No. CC 2036

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

Form A Updated: 2

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 4514 NW 84 st City Lincoln NE, Zip Ne
(no rural route)

Owner Vasiliy Tishkov Address Same

Date of Tests 9-5-22 to 9-6-22 Weather: Precipitation none Temperature 71°

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		
		AM Start		PM End		Start AM			End PM				
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	24	9-5	8,13	9-5	5,40	9-6	9,05	6	9-6	1,05	30 min	1	30
2	24	"	"	"	"	"	9,10	6	"	1,10	"	1,2	25
3	24	"	"	"	"	"	9,15	6	"	1,15	"	1,25	24
4	24	"	"	"	"	"	9,20	6	"	1,20	"	85	35
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Harry Muhlbach
Phone: 402-430-7304
Address 14297 N 54 St
Lincoln, Ne

Sum of Percolation Rates: 214
Average of Rates: 28,5
Rate Used for Calculation: 30-40
Because of dry conditions

Soil type (NRCS Maps/Other) Shapsburg-Runnr Silty/Loamy Clay
Groundwater Depth 15 Plus feet

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

Nate C. Hartman

From: John V. Berry
Sent: Wednesday, March 23, 2022 11:44 AM
To: Nate C. Hartman
Subject: Sewage Disposal System PID # 04 11 100 015 000
Attachments: Lot 32 section plat.PNG; Lot 32 field note.pdf; Lot 32 gis viewer.PNG

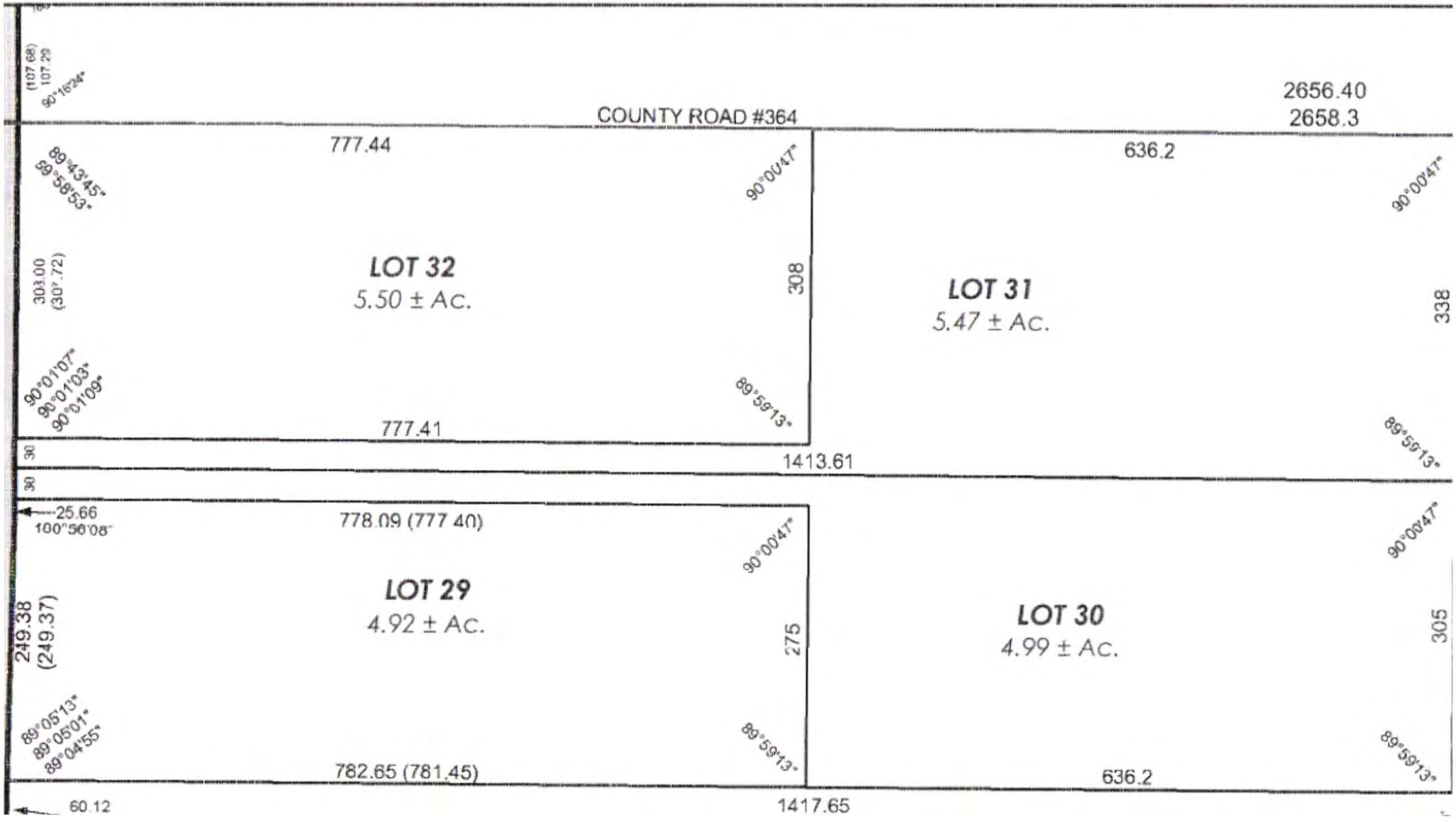
Nate,

Lancaster County Engineering Department indicates approval for a Sewage Disposal System for Lot 32, Irregular Tracts, located in the NW1/4 of Section 11, Township 10 North, Range 5 East, of the 6th Principal Meridian, Lancaster County, Nebraska. Address; 4517 NW. 84th Street, Lincoln, Nebraska. 68428
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.

John V. Berry RLS #535
Lancaster County Surveyor
444 Cherrycreek Road, Bldg "C"
jberry@lancaster.ne.gov
Phone (402) 441-7681

1 inch = 200 feet

AS SURVEY ACCURATE IN



of "NW 84th Street" a distance of 30.00' to the **TRUE POINT OF BEGINNING**.

Containing 5.47 acres, more or less.

26595 Now Lot 32, of irregular tracts, located in the NW¼ of Section 11, T10N, R5E

#80-12679
#90-26112
#90-26113
#98-25702
#2003-107990

December 16, 2003

The following description is based upon the information contained in Instrument Numbers 80-12679, 90-26112, 90-26113, 98-25702 and 2003-107990, all documents being filed with the Register of Deeds' Office.

A parcel of land located in the NW¼ of Section 11, Township 10 North, Range 5 East, of the 6th Principal Meridian, Lancaster County, Nebraska, more particularly described as follows:

Commencing at the northwest corner of Section 11, said point being monumented with a stamped L.C.S.M. cap over a ⅝" rebar for corner; thence with an assumed bearing of S89°59'16"E, with the north line, of the said NW¼, a distance of 64.56' to a point for corner, said point being located on the east right-of-way line of "NW 84th Street", said point also being the **TRUE POINT OF BEGINNING**; thence continuing with the last described course of S89°59'16"E, with the north line, of the said NW¼, a distance of 777.44' to a point for corner, said point being the northwest corner of Lot 31, irregular tracts; thence S00°00'03"E, with the west line of Lot 31, irregular tracts, a distance of 308.00' to a point for corner, said point being located 30.00' northerly from as measured perpendicular to the south line of Lot 31, irregular tracts; thence N89°59'16"W, 30.00' northerly from and parallel with the south line of Lot 31, irregular tracts, a distance of 777.41' to a point for corner, said point being located on the east right-of-way line of "NW 84th Street", said point being located 64.59' easterly from as measured perpendicular to the west line of the said NW¼; thence N00°00'23"W, with the east right-of-way line of "NW 84th Street" a distance of 308.00' to the **TRUE POINT OF BEGINNING**. Containing 5.50 acres, more or less.

27286 Now Lot 33, of irregular tracts, located in the SE¼ of Section 11, T10N, R5E

#72-9944
#74-2440
#2002-68773
#2005-26514

May 25, 2005

The following description is based upon the following information contained in Instrument Numbers 72-9944, 74-2440, 2002-68773 and 2005-26514, all documents being filed with the Register of Deeds' Office.

A part of the SE¼ of Section 11, Township 10 North, Range 5 East, of the 6th Principal Meridian, Lancaster County, Nebraska, more particularly described as follows:

All, of the said SE¼, of Section 11, Township 10 North, Range 5 East, **except** the east 60.00' thereof **and also except** the south 60.00', of the said SE¼, **excepting** the east 60.00' therefrom. Containing 152.78 acres, more or less.

28526 Now Lot 34, of irregular tracts, located in the NE¼ of Section 11, T10N, R5E

Deed Book #487 Page 65

November 20, 2007

The following description is based upon the information contained in Deed Book #487, Page 65, and in Instrument Numbers 96-11829, 97-40412, 2001-3525 and 2007-56313, all documents being filed with the Register of Deeds' Office.

#96-11829
#97-40412
#2001-3525
#2007-56313

A part of the NE¼ of Section 11, Township 10 North, Range 5 East, of the 6th Principal Meridian, Lancaster County, Nebraska, more particularly described as follows:

All, of the said NE¼, of Section 11, Township 10 North, Range 5 East, **except** the following described tract of land:

BEGINNING at the northeast corner of Section Eleven (11), Township Ten North (10N),Range Five East (5E), of the 6th Principal Meridian (6th PM), Lancaster County, Nebraska; thence southerly along the east line, of the said Northeast Quarter (NE¼) a distance of 582.17' to a point; thence westerly perpendicular to said east line a distance of thirty three feet (33'); thence

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) _____

Owner: Vasiliy Tishkov Address 4514 NW 84th Lincoln, Ne,

A. Wastewater Piping

1. Material: Sch 40 PVC Diameter: 4 in.
2. Distance between dwelling and septic tank: _____ ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000 gal
3. Depth to top of tank, below unfinished grade: 12 in.
4. Distance to:
   Well 170 ft.
   Pressure line 170 ft
   Property Line 300 + ft.
   Foundation 50 ft.

C Distribution Box or Drop Box

3 Drop Box

Distance **and** Direction from septic tank: West ft. 12', 25', 10'

D. Drainfield/Absorption Field

☐ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other
   Material brand and inside width of Chamberless:
   EZ Flow 3 tubes 12" ea.
2. Number of Laterals: 3
3. Length of each lataral (linear): ft. 100 ft. 150 ft. 100 ft. _____
4. Drainfield size: 1750 sq. ft. (1100 sq ft req'd)
5. Distance to:
   Well 104 ft.
   Pressure line 104 ft.
   Property line 65 ft.
   Depth of Groundwater 15' + ft.

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: 4-1-23

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

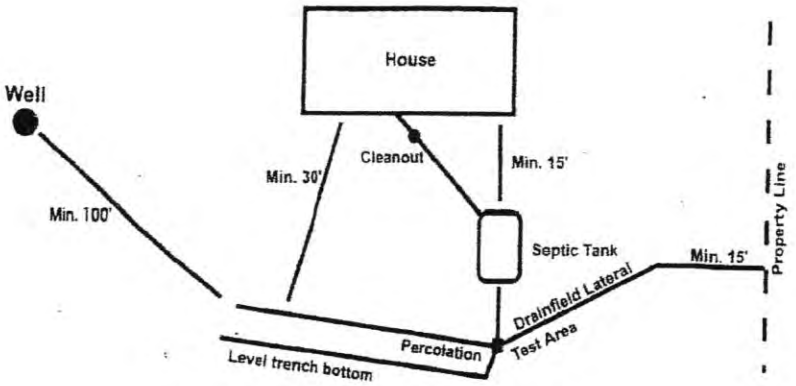
* Made contractor decrease lateral too close to well. – NH

Updated 4/15

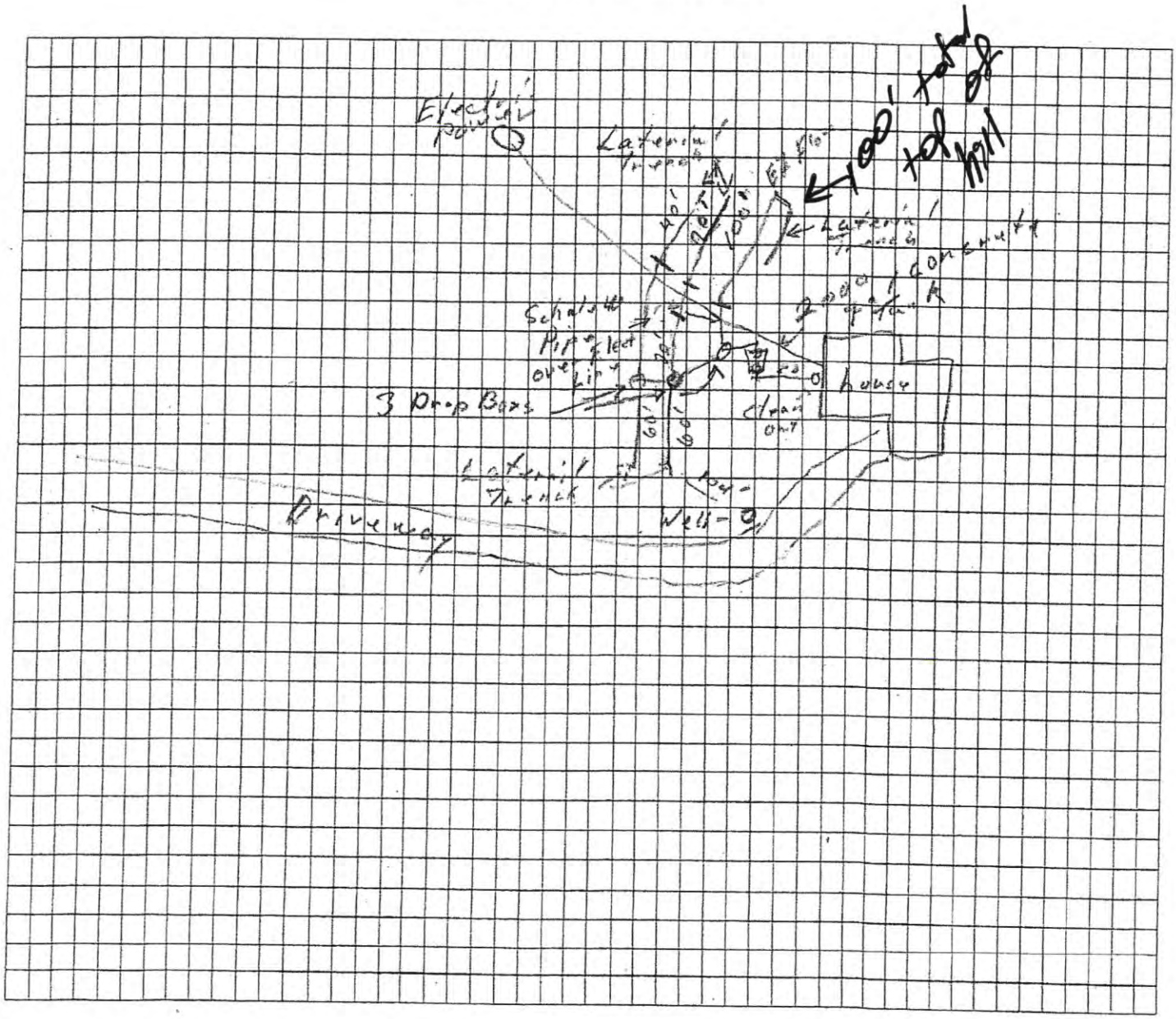
Indicate North
w/ Arrow Here:

N

Onsite Wastewater System Design (Example)



*Note-If Lagoon, show all applicable dimensions



4510
4500
Section 02-10-05
Section 11-10-05
4514
NW 84TH ST
4525

Nate C. Hartman

From: Todd A. Stutzman
Sent: Wednesday, March 23, 2022 10:22 AM
To: Nate C. Hartman
Subject: 4514 NW 84th St

Nate,

S11, T10. R5, Lot 32 NW, is buildable.

Todd Stutzman
Plans Examiner II
402-441-7097
tstutzman@lincoln.ne.gov