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

A

Permit Number HSOO 2278

Existing Home

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* 4600 Waverly Rd (no rural route) City Lincoln, NE Zip 68514

Legal Description SE 1/4 SW 1/4 8 Section 11N Township 7E Range ____ Subdivison ____ Addition 38 Block ____ Lot

PID 18-08-300-004-000 *Approx. Address (If to be determined) ____

B. Owner

Name Derek C Ruyle Signature Derek Ruyle

Address 4600 Waverly Rd City/State/Zip Lincoln, NE 68514

Home Phone 402-239-1019 Work Phone ____

C. Certified Installer

Name: Terri Jakoubek Signature Terri L. Jakoubek

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

Work Phone 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 3 Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 10.41

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

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 6-30-21 Amount Paid $440.00
Received By JAO Cash/Check No. 005040

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

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

B

Permit Number:

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 4600 Waverly Rd (no rural route) City Lincoln NE, Zip 68514

Owner Derek Ruyle Address 4600 Waverly Rd, Lincoln, NE 68514

Date of Tests 7/26/21 to 7/27/21 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			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	28	7/26	9:30a	7/27	9:00a	7/27	12:30p	6	7/27	1:00p	30	3/4	40
2	24	"	"	"	"	"	"	6	"	"	"	1-3/16	25
3	28	"	"	"	"	"	"	6	"	"	"	7/8	34
5	35	"	"	"	"	"	"	6	"	"	"	9/16	53
6								6					
7								6					
8								6					
9								6					

Person Conducting Percolation Test

Name: Terri Jakoubek
Phone: 402-783-2663 or 402-890-3870
Address 13800 NW 70th St, Raymond, NE 68428

Sum of Percolation Rates: 152
Average of Rates: 38
Rate Used for Calculation: 53 (20 mpi variance)

Soil type (NRCS Maps/Other) Aksarben SCL
Groundwater Depth >8'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

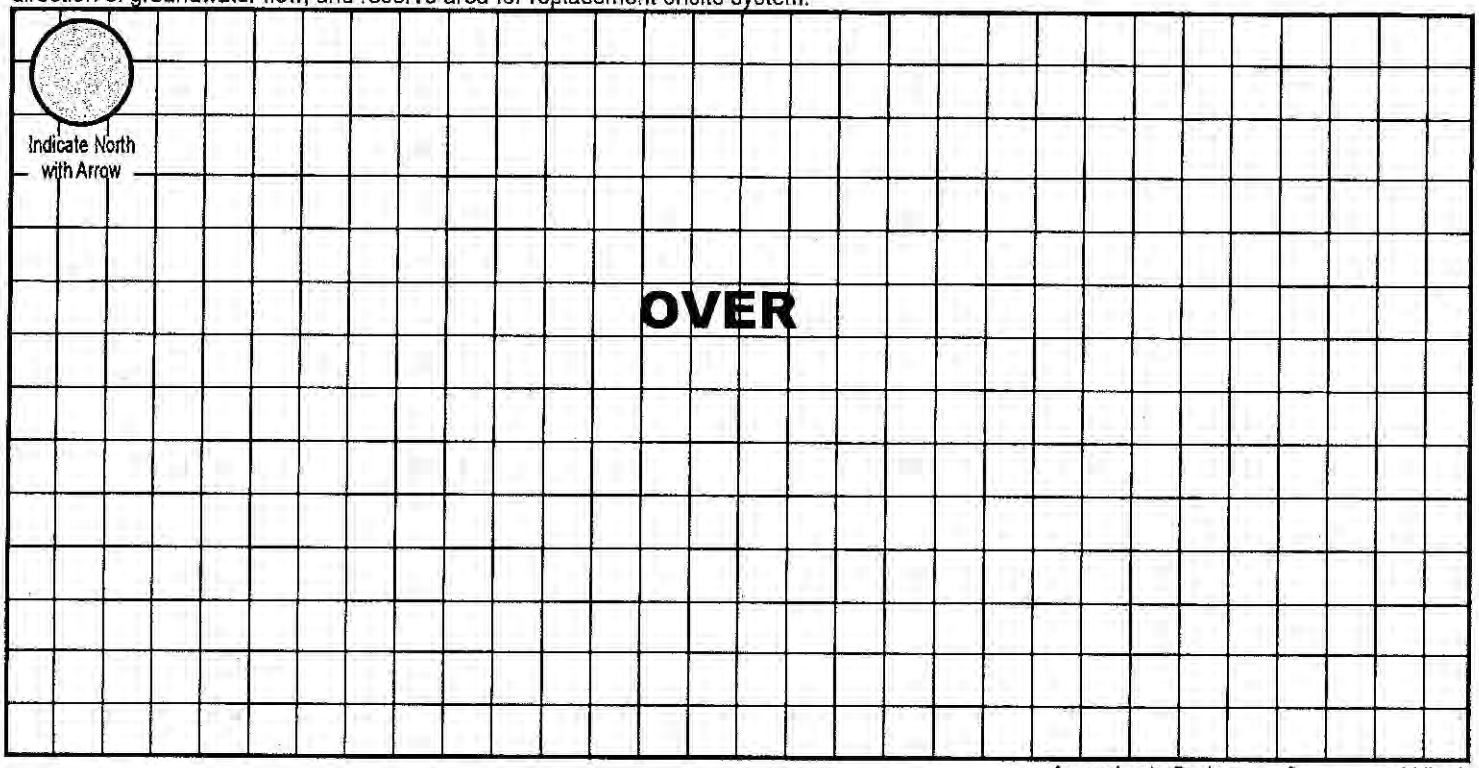
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

C

Permit Number

Onsite Wastewater Treatment System
Preliminary Plan Specification

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



Approximate Scale: ____ft. = ____grid line/s

A. Onsite System Location

Address (no rural route) 4600 Waverly Rd City Lincoln NE, Zip 68514

B. Proposed Septic Tank/s

Septic Tank Cap. 1500 gals Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (Max. Seepage 1/8"/day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☑ Lagoon

D. Drainfield Absorption System

Percolation Rate 53 (min/inch = mpi) No. of Bedrooms 3 Soil Type Aksarben SCL Land Slope ____%

☑ Trench ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) Total square feet of drainfield 1,080 Sq. Ft.

Total length of laterals 240' Type of Distribution: ☐ Perforated Pipe ☐ Half-Round ☐ Chambers ☑ Other EZFlow 1203H

No. of Absorption Trenches 2 Width 38" No. of Drop Boxes 1 Distribution Box _____

No. of Absorption Beds _____ Width _____ No. of Distribution Lines per Bed _____

Installer Kurt L. Jahnke Date: August 17, 2021

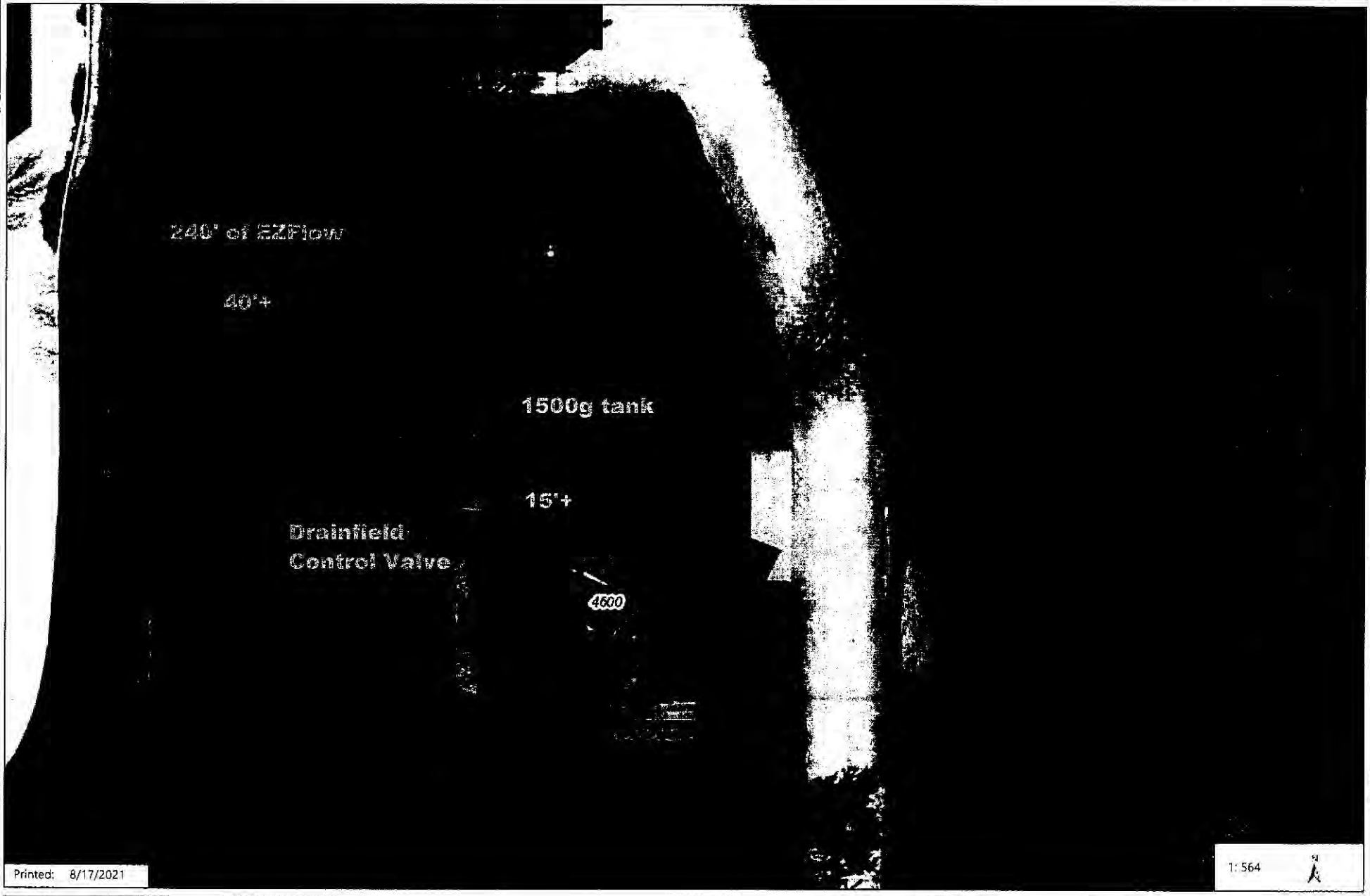
Updated 2/18

Builder Existing Home Date: _____

4600 Waverly Rd, Lincoln, NE 68514

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



Printed: 8/17/2021

1: 564

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.

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. HS002278

System Type: Standard

Situs: No Site Address Specified

Issued: 8/20/2021

Expires: 8/20/2022

Description: S8, T11, R7, 6th Principal Meridian, LOT 38 SW

Owner: RUYLE, DEREK & JENNIFER
4600 WAVERLY RD
LINCOLN, NE 68514

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

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

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

D

Permit Number: HS002278

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 = 18-08-300-004-000

Address or Legal Description or Parcel Identification Number (PID) 4600 Waverly Rd, Lincoln, NE 68514

Owner: Derek Ruyle Address 4600 Waverly Rd, Lincoln, NE 68514

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 6 ft. (New)

B. Septic Tank

1. Material Concrete
2. Capacity: 1,500g
3. Depth to top of tank, below unfinished grade: 18 in.
4. Distance to:
   Well 100 ft. +
   Pressure line N/A ft +
   Property Line 75 ft. +
   Foundation ____ ft. +

C Distribution Box or Drop Box

Distance and Direction from septic tank: 4 ft. S

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 Depth: 24" - 28"
3. Length of each lataral (linear): ft. 60 ft. 60 ft. 60 ft. 60
4. Drainfield size: 1,080 sq. ft. (105 Req'd)
5. Distance to:
   Well 100 ft. +
   Pressure line N/A ft. +
   Property line 50 ft. +
   Depth of Groundwater >8'

Install 3rd Lateral as per Code

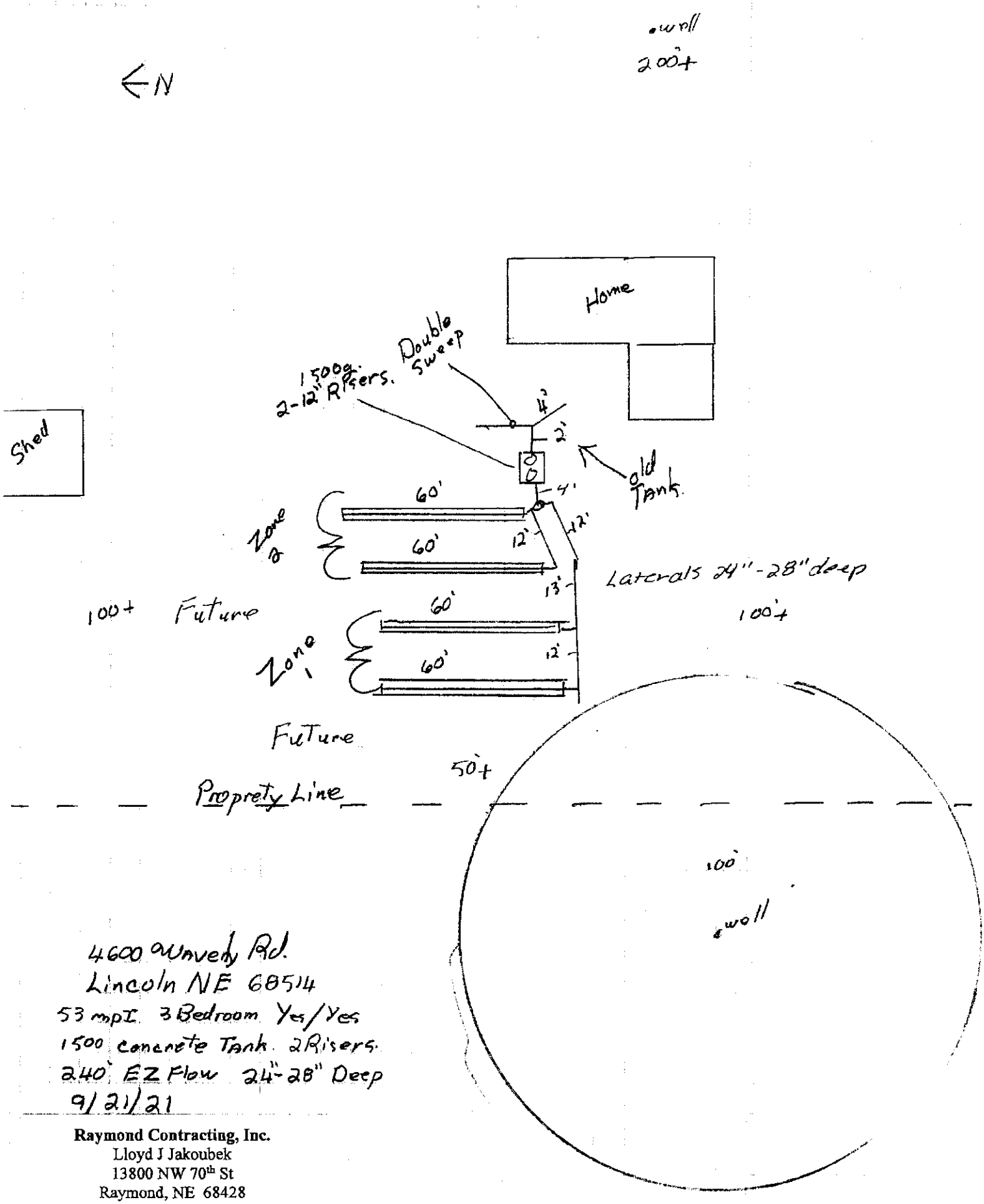
Was the Onsite Wastewater System covered prior to LLCHD inspection? ☑ Yes (Partially) ☐ No

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: Rene L. Jahnke Date: 9/21/21

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



4600 Waverly Rd.
Lincoln NE 68514
53 mpI 3 Bedroom Yes/Yes
1500 Concrete Tank 2 Risers.
240' EZ Flow 24"-28" Deep
9/21/21

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

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

SCANNED

A

Permit Number HS002278

Existing Home

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Legal Description SE (1/4) SW (1/4) 8 (Section) 11N (Township) 7E (Range) (Subdivison) (Addition) (Block) 38 (Lot)

PID 18-08-300-004-000 *Approx. Address (If to be determined)

B. Owner

Name Derek C Ruyle Signature Derek Ruyle

Address 4600 Waverly Rd City/State/Zip Lincoln, NE 68514

Home Phone 402-239-1019 Work Phone

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

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Approval Process

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Site visits

Comments

Date rec'd 8/20/21
Date frwd 8/20/21

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 9/28/21

Business Office Use Only
Date Received 8-20-21 Amount Paid $440.00
Received By JAO Cash/Check No. 20570

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

Form A Updated: 2/18

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

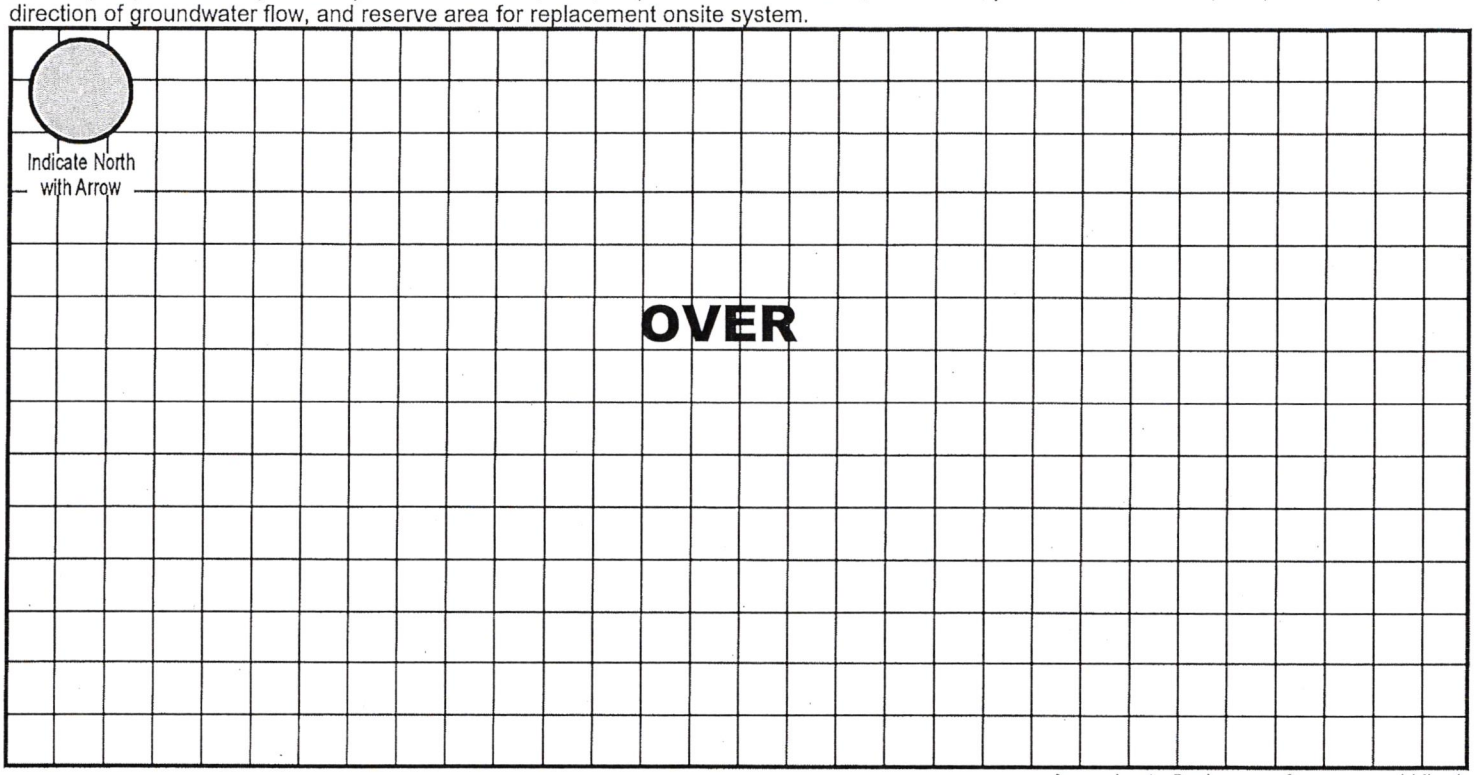
C

Permit Number

SCANNED

Onsite Wastewater Treatment System
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Installer Neil L. Jahnke Date: August 17, 2021

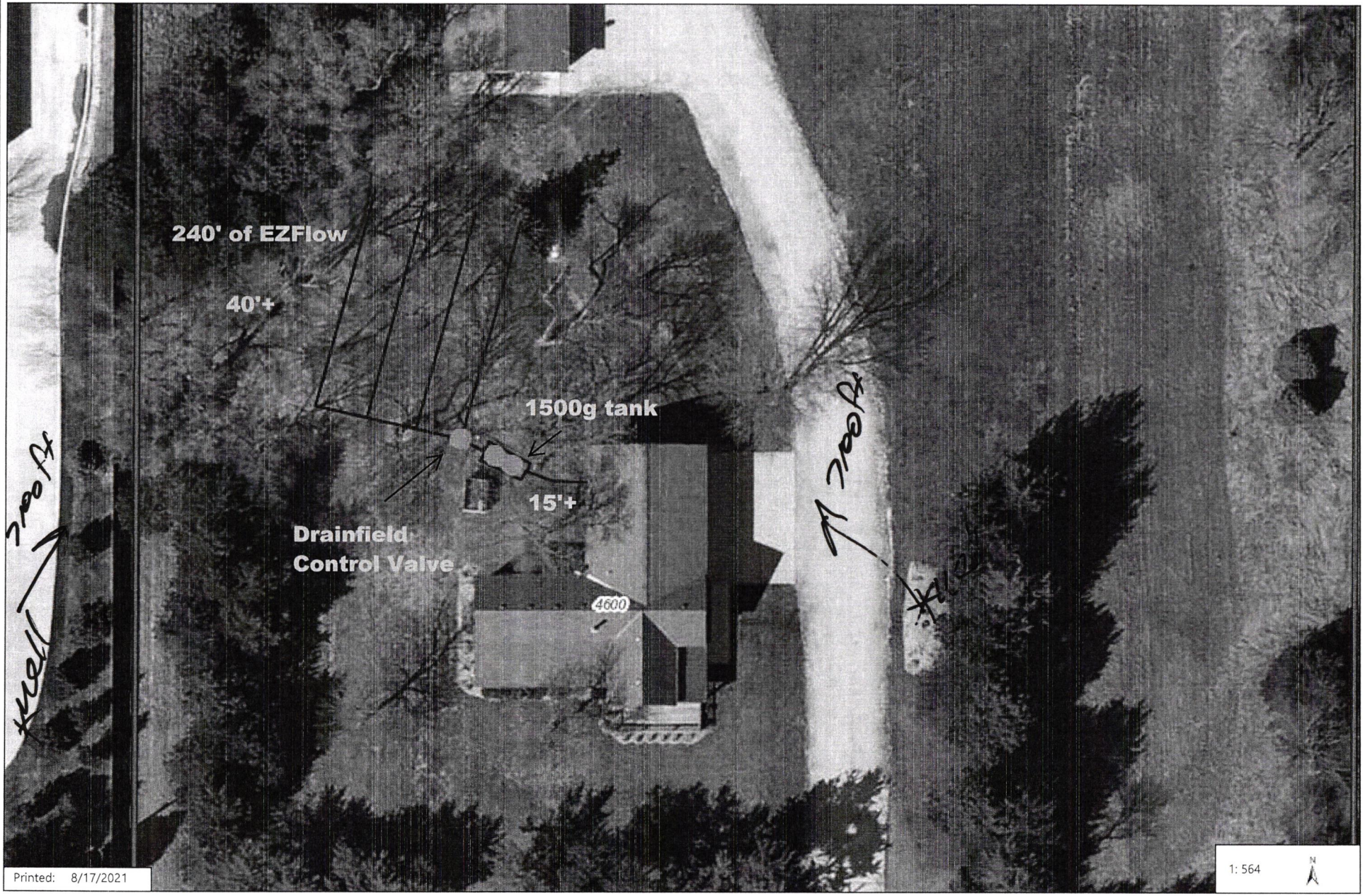
Updated 2/18

Builder Existing Home Date: _____

4600 Waverly Rd, Lincoln, NE 68514

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CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



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SCANNED