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

MAR 14 2018

A

Permit Number #5001624

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* PID (no rural route) City Roca, NE Zip 68430

Legal Description 16 8 7 Silverhawk Estates Addition 3 6

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

PID 15-16-103-006-000 *Approx. Address (If to be determined)

B. Owner

Name Todd & Staci Winchell Signature

Address 2666 SW 18th St City/State/Zip Lincoln, NE 68522

Home Phone 402-366-9715 Work Phone

C. Certified Installer

Name: Marcus Hochstein Signature

Address 625 S. 4th City/State/Zip Eagle, NE 68347

Work Phone 402-730-7749

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 3.04
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
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 3-14-18 Amount Paid $405.00
Received By Cash/Check No. 1734

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

Form A Updated: 4/15

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 PID 15-16-103-006-000 (no rural route) City Raymond NE, Zip 68430

Owner Todd Winchell Address 2666 SW 18th St., Lincoln, NE 68522

Date of Tests 10-26 to 10-27 Weather: Precipitation 0 Temperature

Percolation Test Data Table

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
		Saturation/Swelling Time				Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					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	36	10-26	5:00	10-27	9:20	10-27	12:50	6	10-27	1:20	30m	1/2	60
2	36	"	"	"	"	"	"	6	"	"	"	1/2	60
3	36	"	"	"	"	"	"	6	"	"	"	1/2	60
4	36	"	"	"	"	"	"	6	"	"	"	3/4	40
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Marcus Hochstein
Phone: 402-730-7749
Address 625 S. 4th
Eagle, NE 68347

Soil type (NRCS Maps/Other) Wymore silt clay loam
Groundwater Depth 14'

Sum of Percolation Rates: 220
Average of Rates: 55
Rate Used for Calculation: 55

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

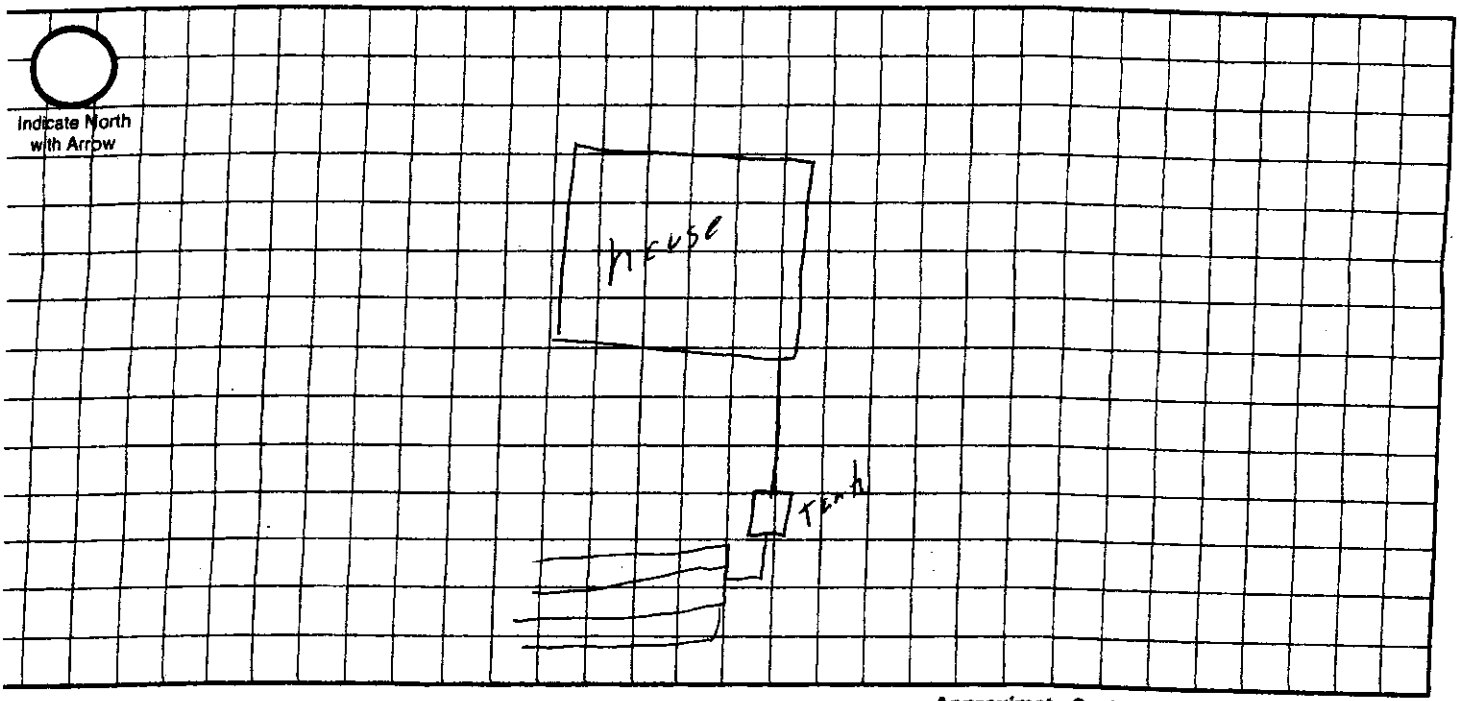
C

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) PID 15-16-103-006-000 City Roca NE, Zip 68430

B. Proposed Septic Tank/s

Septic Tank Cap. 2000 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 Wymore silty clay loam Land Slope 3-6 %

☑ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1758.125 sq.ft.

Total length of laterals 485 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☐ Other

No. of absorption trenches 4 Width 36" No. of drop boxes_____ Distrubtion Box 1

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 ☑	☑

Required Signatures

Home Building Contractor _____ Date 3-12-18

Date

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. HS001624

System Type: Standard

Situs: 15120 S 61ST PL, HICKMAN, NE 68430

Issued: 3/19/2018

Expires: 3/19/2019

Description: SOUTH RIDGE ACRES ADDITION, BLOCK 5, Lot 6

Owner: GUENTHER, DUSTIN E & AMY J
7410 S 18 ST
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

MARCUS HOCHSTEIN
4301 N 1 ST
LINCOLN, NE 68521

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

MAR 14 2018

SCANNED

A

Permit Number #5001624

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* PID 15120 S 61st St. (no rural route) City Roca, NE Zip 68430

Legal Description 16 8 7 Silverhawk Estates Addition 3 6

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

PID 15-16-103-006-000 *Approx. Address (If to be determined)

B. Owner

Name Todd & Staci Winchell Signature

Address 2666 SW 18th St City/State/Zip Lincoln, NE 68522

Home Phone 402-366-9715 Work Phone

C. Certified Installer

Name: Marcus Hochstein Signature

Address 625 S 4th City/State/Zip Eagle, NE 68347

Work Phone 402-730-7749

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 3.04

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 8/1/18 Date rec'd 3/19/18

Install Date Unknown Date frwd 3/19/18

Comments

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 Theis

Date 8/1/18

Business Office Use Only

Date Received 3-15-18 Amount Paid $405.00

Received By Cash/Check No. 1734

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

Form A Updated: 4/15

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

Exhibit 5

Permit Number: H5001624

Onsite Wastewater Treatment System

Inspection Sheet

Date 8/1/18 Legal Description Silver Hawk Estates Blk 3, Lot 6

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 15120 S. 66th 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 1755 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 390' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) E2 flow

No. of Absorption Laterals 3 Width 4.5 factor. E2 flow 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 NA Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial Covered prior to Date
Follow-Up Date Inspection
Follow-Up Date
Installation Final Written Approval
By
Date 8/6/18

Field Note Drawing (See Reverse Side):

JUL 27 2018 Block 3, Lot 6
Silverhawk D

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

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) 15-16-103-006-000

Owner: Todd Winchell Address 15120 S 61st Pl, Roca, NE 68430

A. Wastewater Piping

1. Material: PVC Diameter: 4 in.
2. Distance between dwelling and septic tank: 42 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000
3. Depth to top of tank, below unfinished grade: 14 in.
4. Distance to:
   Well N/A ft.
   Pressure line 100+ ft
   Property Line 40+ ft.
   Foundation 35 ft.

C Distribution Box or Drop Box

Distance **and** Direction from septic tank: 72 ft. West

D. Drainfield/Absorption Field

☑ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☑ Other
   Material brand and inside width of Chamberless: EZflow
2. Number of Laterals: 3
3. Length of each lateral (linear): ft. 130 ft. 130 ft. 130 ft. ____
4. Drainfield size: 1755 sq. ft.
5. Distance to:
   Well N/A ft.
   Pressure line 100+ ft.
   Property line 40+ ft.
   Depth of Groundwater 15+

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

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

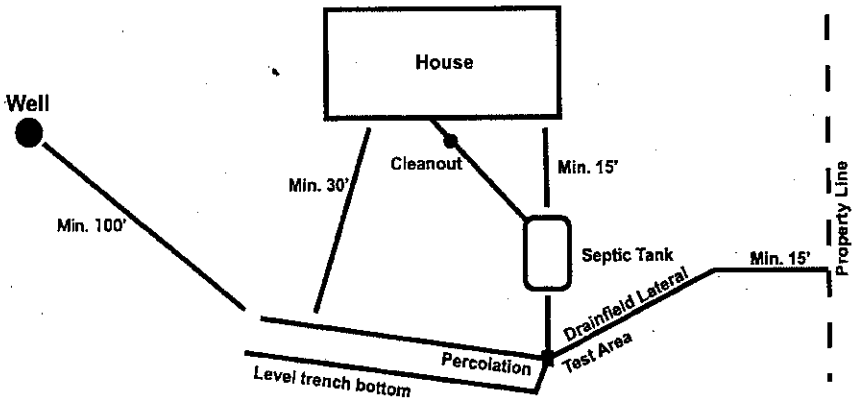
I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate.

Certified Professional Signature: [signature] Date: 7-23-18

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

Onsite Wastewater System Design (Example)

Indicate North
w/ Arrow Here:



*Note-If Lagoon, show all applicable dimensions

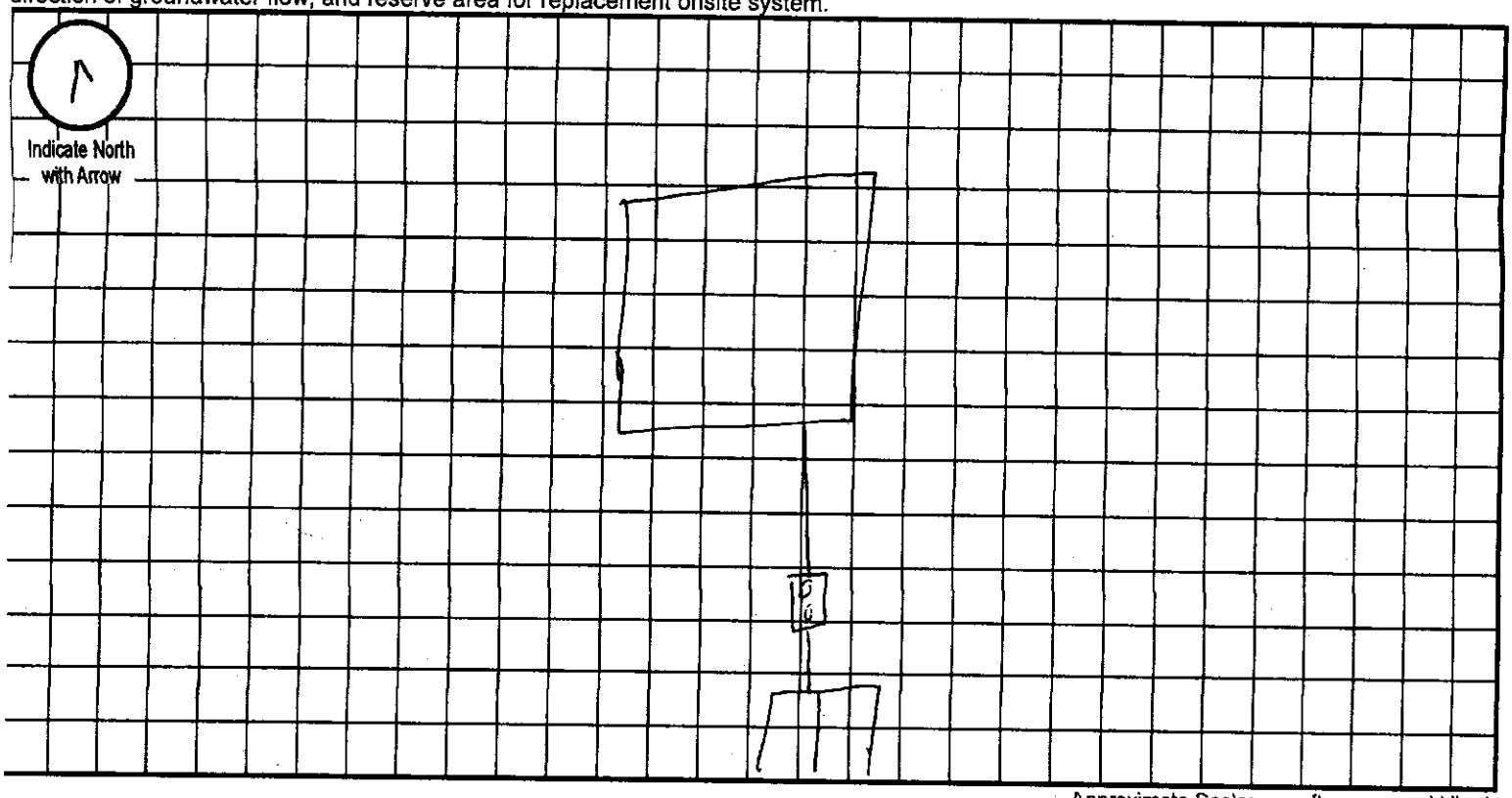
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

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) 15120 S 61st PL City Ceresco NE, Zip 68430

B. Proposed Septic Tank/s

Septic Tank Cap. 2000 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 60 (min/inch = mpi) No. of Bedrooms 5 Soil Type Wymore 39/Hobbs Loam Land Slope 3-6 %

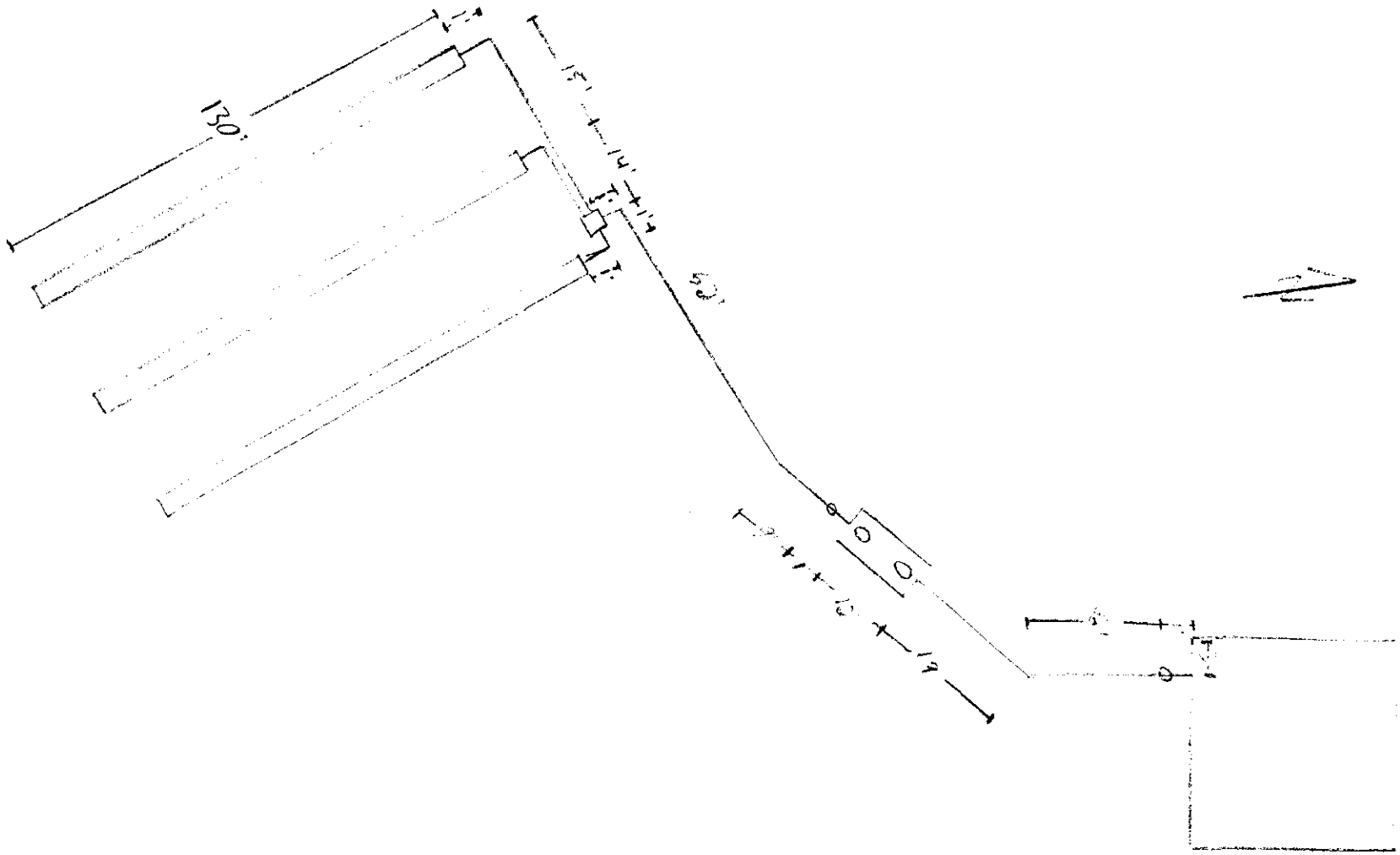
☑ Trench ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) Total square feet of drainfield 1755 Sq. Ft.

Total length of laterals 390 Type of Distribution: ☐ Perforated Pipe ☐ Half-Round ☐ Chambers ☑ Other Ezflow

No. of Absorption Trenches _____ Width 30 No. of Drop Boxes 6 Distribution Box 1

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

Installer _____ Date: 7-15-2018


130'
50'

Nate C. Hartman

From: Nate C. Hartman
Sent: Thursday, March 08, 2018 3:58 PM
To: 'Diane Van Deun'
Subject: RE: Follow Up

Diane:

I processed and approved a permit application for Block 3, Lot 7, Silverhawk Estates. Permit number HS001614.

To date, I have not seen anything for the other parcel.

If you have any questions, let me know.

Thanks!

Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
3131 'O' Street, Lincoln, NE 68510
O: 402-441-8643 F: 402-441-3890

From: Diane Van Deun [mailto:villageofroca@gmail.com]
Sent: Monday, February 26, 2018 4:23 PM
To: Nate C. Hartman <nhartman@lincoln.ne.gov>
Subject: Follow Up

Hi Nate,

Just following up on where you are at with Block 3, Lot 6 and Block 3, Lot 7 in Silverhawk Estates? The Village approves both of these.

Thanks,

Diane Van Deun
Village of Roca Clerk/Treasurer
Equal Opportunity Provider and Employer
villageofroca@gmail.com
http://villageofroca.com/
402-421-9577