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

A

Permit Number A5001603

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 1701 N 129th (no rural route) City Lincoln NE Zip

Legal Description 17 T10N R8E Stevens Creek Ridge Addition 2 / Stevens Creek Add.

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

PID 23-17-401-002-000

B. Owner

Name George Mikhaylenko Signature

Address City/State/Zip

Home Phone Work Phone

C. Certified Installer

Name: Scott Mullen Signature

Address 1345 N 26th Rd City/State/Zip Syracuse, NE 68446

Work Phone 402-430-2946

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 6 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres

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
Date frwd
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
Date

Business Office Use Only
Date Received Amount Paid
Received By Cash/Check No.

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 1701 N 129th (no rural route) City Lincoln NE, Zip

Owner George Mikhaylenko Address

Date of Tests 12-3-17 to 12-4-17 Weather: Precipitation NA Temperature 50's

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	36	12-3	13:00	12-4	9:00	~~9:00~~ 12-4	9:00	6	12-4	9:30	30	3/4	45
2								6				5/8	48
3								6				5/8	48
4								6				3/4	45
5								6				7/8	34
6								6				5/8	48
								6					
								6					

Person Conducting Percolation Test

Name: Scott Mueller

Phone: 402-430-2946

Address 1345 N 26th Rd

Syracuse NE 68446

Soil type (NRCS Maps/Other)

Groundwater Depth 15'

Sum of Percolation Rates: 268

Average of Rates: 45

Rate Used for Calculation: 45 mpi

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

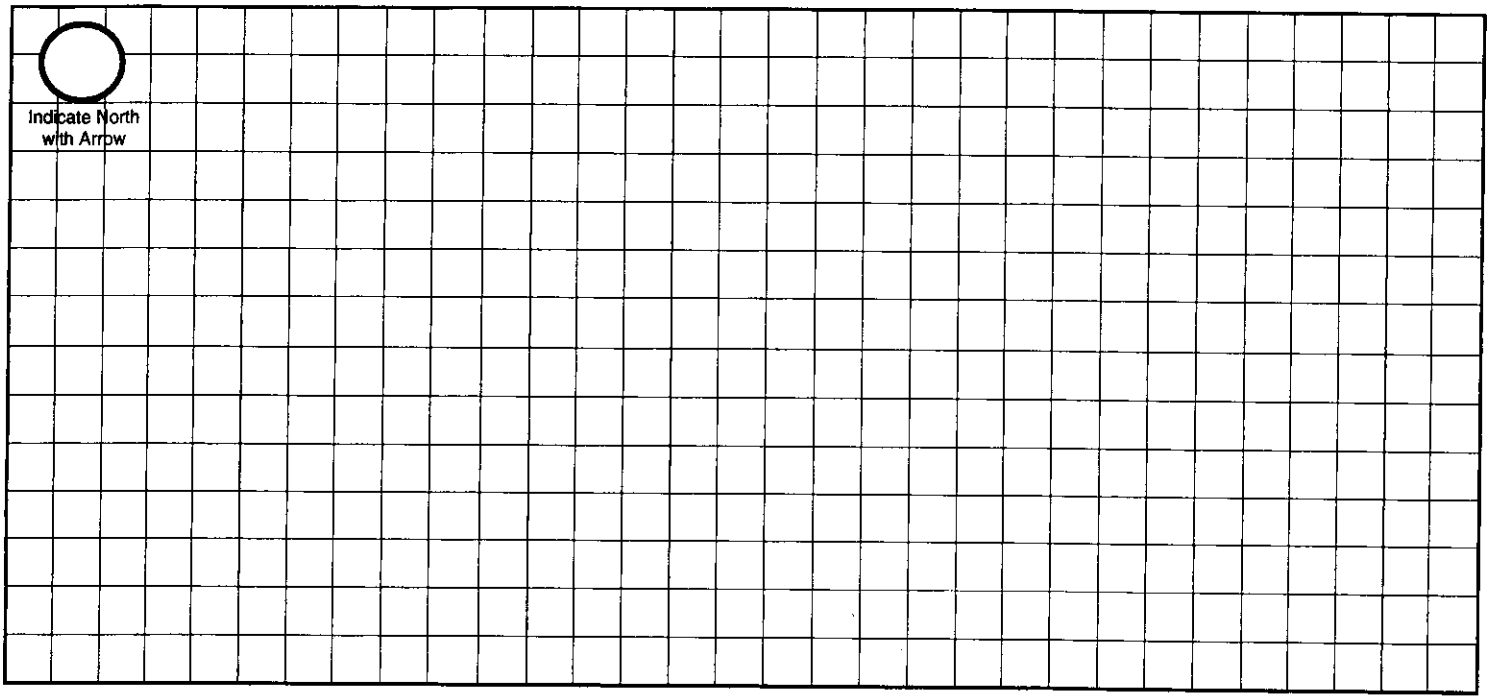
C

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) 1701 N. 129th City _____ NE, Zip _____

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 45 (min/inch = mpi) No. of Bedrooms 6 Soil Type Aksarben Land Slope_____%

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1980 sq.ft.

Total length of laterals 440' Type of distribution: 4.5 ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other

No. of absorption trenches 4 Width E2 Flow No. of drop boxes_____ Distrubtion Box E2 Flow

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 2/24/18

Installer _____ Date 2/24/18

SCANNED

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

A

Permit Number AS001603

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 1701 N 129th (no rural route) City Lincoln NE Zip

Legal Description 17 T10N R8E Stevens Creek Ridge Addition 2

1/4	1/4	Section	Township	Range	Subdivison	Addition	Block	Lot
		17	T10N	R8E	Stevens Creek Add.			2

PID 23-17-401-002-000

B. Owner

Name George Mikhaylenko Signature

Address City/State/Zip

Home Phone Work Phone

C. Certified Installer

Name: Scott Morgan Signature

Address 1345 N 26th Rd City/State/Zip Syracuse, NE 68446

Work Phone 402-430-2946

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 6 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.02

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 12/5/18
Comments
Date rec'd 2/26/18
Date frwd 2/26/18
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 12/5/18

Business Office Use Only
Date Received Amount Paid
Received By Cash/Check No.

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

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

Exhibit 5

Permit Number: HS 001603

Onsite Wastewater Treatment System

Inspection Sheet

Date 12/5/18

Legal Description Stevens Creek Add Lot 2 Ridge
¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) _____ 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 2,115 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 470' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E2 Flow

No. of Absorption Laterals 4 Width 4.5 factor No. of Drop Boxes 0 Distribution Box 1

Leveling Method Used Lasers

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 DG Date 12/5/18

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Doug Rudd

Date 12/5/18

Field Note Drawing (See Reverse Side):

Updated 4/15

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: 4S001603

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: _____ Address _____

A. Wastewater Piping

1. Material: PVC Diameter: 4 in.
2. Distance between dwelling and septic tank: 75 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000 gal
3. Depth to top of tank, below unfinished grade: 18 in.
4. Distance to:
   Well NA ft.
   Pressure line 200 ft
   Property Line 200 ft.
   Foundation 80 ft.

C Distribution Box or Drop Box

Distance and Direction from septic tank: 8 ft. So

D. Drainfield/Absorption Field

☐ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☐ Other
   Material brand and inside width of Chamberless: EZ-Flow
2. Number of Laterals: 4
3. Length of each lataral (linear): ft. 150 ft. 150 ft. 150 ft. 20
4. Drainfield size: 2137 sq. ft.
5. Distance to:
   Well NA ft.
   Pressure line 200 ft.
   Property line 45 ft.
   Depth of Groundwater 18

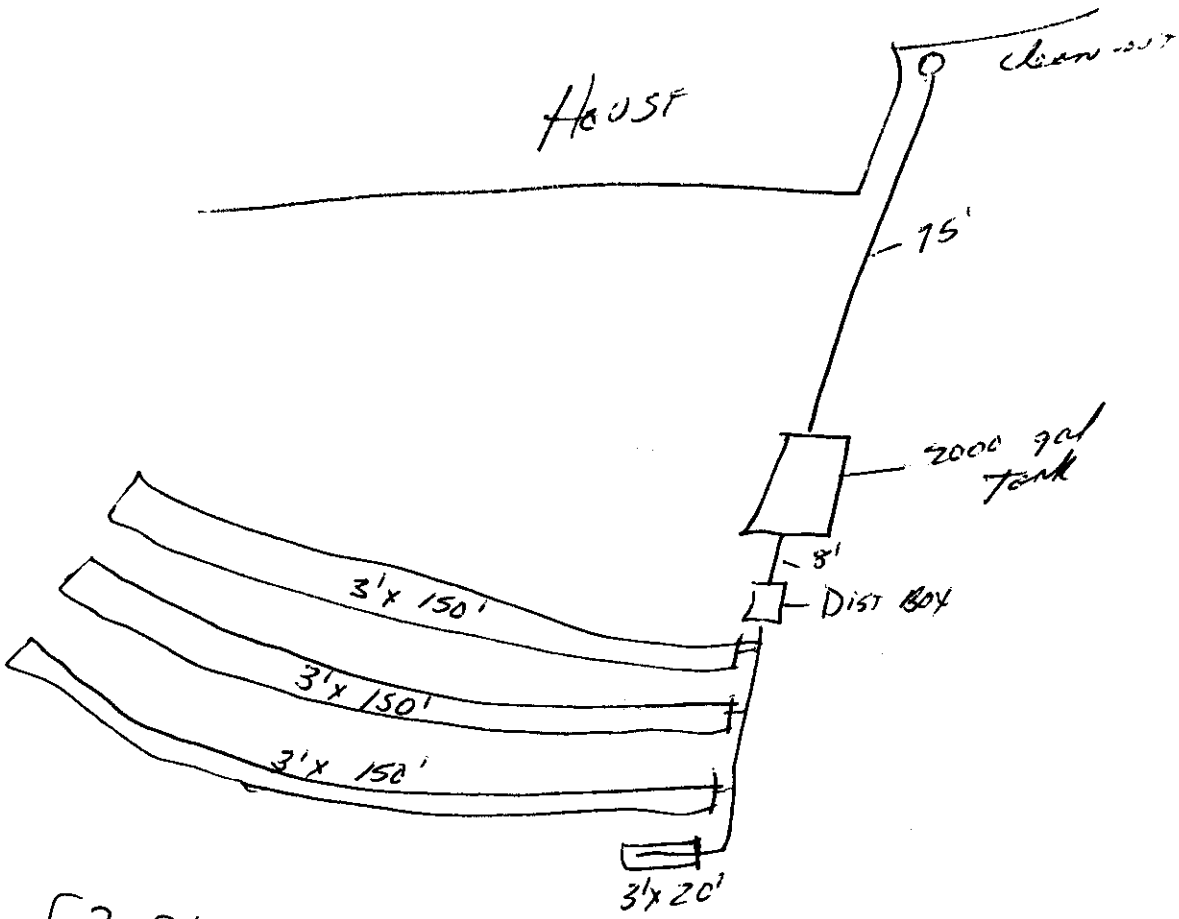
Was the Onsite Wastewater System covered prior to LLCHD inspection? ☐ Yes ☒ No

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: _____ Date: 12-5-18

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



E2 Flow 4.5 factor

Nate C. Hartman

From: Ken D. Schroeder
Sent: Thursday, February 22, 2018 11:46 AM
To: Nate C. Hartman
Cc: Pamela L. Dingman
Subject: sewage disposal system for PID #23 17 401 002 000 (1701 N. 129th St)
Attachments: part of sec 17-10-8.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for lot 2, "STEVENS CREEK RIDGE ADDITION" located in the NE ¼ of Section 17, T10N, R8E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of section 17-10-8.pdf)*
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.
Ken

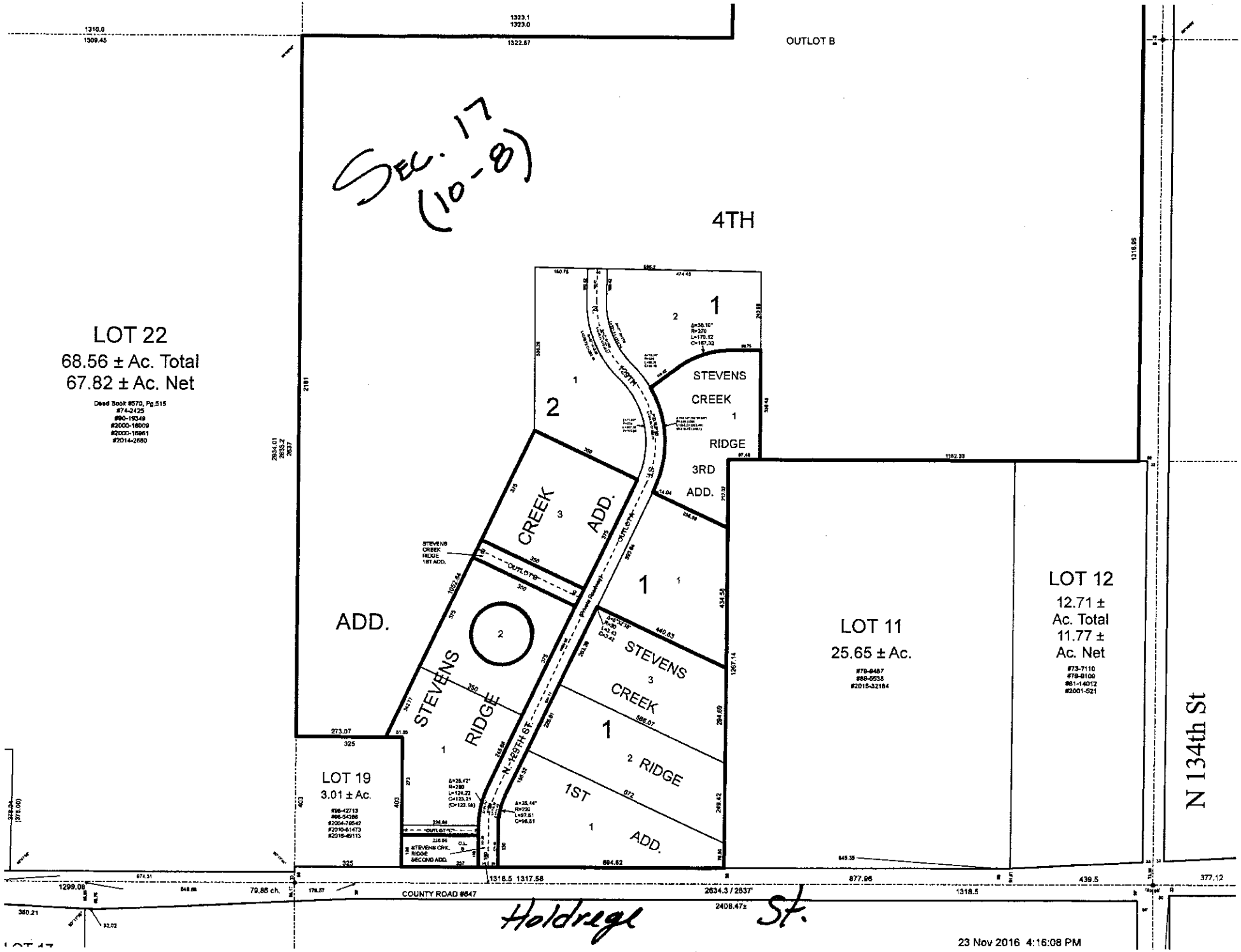
Kenneth D. Schroeder, RLS
Lancaster County Surveyor
444 Cherrycreek Road, Bldg. "C"
Lincoln, Nebraska 68528
kschroeder@lancaster.ne.gov
Phone (402) 441-7681
Fax (402) 441-8692

Nate C. Hartman

From: RJ Hamilton
Sent: Thursday, February 22, 2018 11:10 AM
To: Nate C. Hartman
Subject: Steven's Creek Ridge Addition lot 2

The property in the subject line with parcel ID number of 2317401002000 is a buildable lot. There is no floodplain on the lot.

RJ Hamilton
Plans Examiner
City of Lincoln
Building and Safety Dept.
402-441-6424


OUTLOT B
SEC. 17
(10-8)
4TH
LOT 22
68.56 ± Ac. Total
67.82 ± Ac. Net
Deed Book #570, Pg.515
#74-2425
#90-19349
#2000-16009
#2000-16961
#2014-2680
STEVENS CREEK 1
RIDGE 3RD ADD.
STEVENS CREEK 3 ADD.
STEVENS CREEK RIDGE 1ST ADD.
STEVENS RIDGE 2
STEVENS CREEK 3
RIDGE 2 1ST ADD.
N 129TH ST
N 123RD ST
OUTLOT
LOT 19
3.01 ± Ac.
#86-12713
#86-54286
#2004-78543
#2010-61473
#2015-49113
LOT 11
25.65 ± Ac.
#76-8487
#86-5538
#2015-32184
LOT 12
12.71 ±
Ac. Total
11.77 ±
Ac. Net
#73-7110
#78-9109
#81-14012
#2001-521
N 134th St
COUNTY ROAD #647
Holdrege St.
23 Nov 2016 4:16:08 PM