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

A

Permit Number HS001654

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 14241 Brush Creek Pl. (no rural route) City Roca, NE Zip 68430

Legal Description Sec 9 T8N R7E Brush Creek Estates 1st Add 2 (1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot)

PID 15-09-302-002-000

B. Owner

Name David & Christina Grosshans Signature

Address 8743 Remi Dr City/State/Zip Lincoln NE 68526

Home Phone Work Phone

C. Certified Installer

Name: Nathan Peterson Infinity Excavating Signature

Address 7701 Cornhusker Hwy Suite 5 City/State/Zip Lincoln NE 68507

Work Phone 402-202 8130

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 3+

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 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 5-11-10 Amount Paid $405.00
Received By JBO Cash/Check No. 6198

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

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 14241 Brush Creek Pl. (no rural route) City Roca NE, Zip 68430

Owner David Grosshans Address 8743 Remi Dr

Date of Tests 3-1 to 3-2 Weather: Precipitation 0 Temperature 40

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	3/1	1:00	3/2	1:00	3/2	1:00	6	3/2	5:00	30	1	30
2	36	"	1:00	"	1:00	3/2	1:00	6	3/2	5:30	30	7/8	34
3	36	"	1:00	"	1:00	3/2	1:00	6	"	"	30	3/4	40
4	36	"	1:00	"	1:00	"	1:00	6	"	"	30	3/4	40
5	36	"	1:00	"	1:00	"	1:00	6	"	"	30	3/4	40
6	36	"	1:00	"	1:00	"	1:00	6	"	"	30	3/4	40
								6					
								6					

Person Conducting Percolation Test

Name: Nate Peters

Phone: 402-202-8130

Address 7701 Cornhusker Hwy

Sum of Percolation Rates: 224

Average of Rates: 37

Rate Used for Calculation: 37

Soil type (NRCS Maps/Other) Wymore

Groundwater Depth

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 (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001654

System Type: Standard

Situs: 14241 BRUSH CREEK PL, HICKMAN, NE 68430

Issued: 5/7/2018

Expires: 5/7/2019

Description: BRUSH CREEK ESTATES FIRST ADDITION, Lot 2

Owner: GROSSHANS, DAVID & CHRISTINA
8743 REMI DR
LINCOLN, NE 68526

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

INFINITY EXCAVATING LLC
7701 CORNHUSKER HWY STE 5
LINCOLN, NE 68507

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

SCANNED

A

Permit Number HS001654

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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3 acres or more required for: ☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

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Address 14241 Brush Creek Pl. (no rural route) City Roca, NE Zip 68430

Legal Description Sec 9 T8N R7E Brush Creek Estates 1st Add 2

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

PID 15-09-302-002-000

B. Owner

Name David & Christina Grosshans Signature

Address 8743 Remi Dr City/State/Zip Lincoln NE 68526

Home Phone Work Phone

C. Certified Installer

Name: Nathan Peterson Infinity Excavating Signature

Address 7701 Coachman Corporate Suite 5 City/State/Zip Lincoln NE 68507

Work Phone 402-202 8130

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 3+

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 8/16/11 OK 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 See attached

3. City or County Engineer

Comments Date rec'd

Date frwd

ACTION ☒ Approved ☐ Disapproved

Signature

Installation Final Written Approval

By

Date 8/20/11

Business Office Use Only

Date Received 8-01-11 Amount Paid $405.00

Received By JAD Cash/Check No. 6198

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

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

Exhibit 5

Permit Number: HS001654

Onsite Wastewater Treatment System

Inspection Sheet

Date 8/20/18 9/8/17

Legal Description Brush Creek Est. Lot 2
¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 14241 Brushcreek 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 ~~[illegible]~~ 667 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 460' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe)

No. of Absorption Laterals 4 Width 3.625 factory 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 Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial DS Date 8/16/17

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By Doug Shaw
Date 8/20/17

Field Note Drawing (See Reverse Side):

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

D

Permit Number: HSD01654

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date [redacted] Legal Description _____ 1/4 1/4 Section Township Range

Onsite System Location

Address (no rural route) 14241 Brushcreek Pl. City Lincoln, NE NE, Zip _____

Owner DAVID & CHRISTINA GROSSHANS Address _____

A. Sewer Pipe

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: 50 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line 250 ft.
   property line 80 ft.

B. Septic Tank

☐ Label with Manufacturer, address and gallon capacity

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 2000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 18 in.
   Over outlet, diameter 18 in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☒ baffle ☐ tee ☐ 6" dia. inspection pipe
6. Outlet: ☒ baffle ☐ tee ☐ 6" dia. inspection pipe
7. Depth to top of tank, below unfinished grade: 12 in.
8. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line 250 ft.
   Property line 80 ft.

C. ☒ Distribution Box ☐ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: Plastic
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 20 ft.

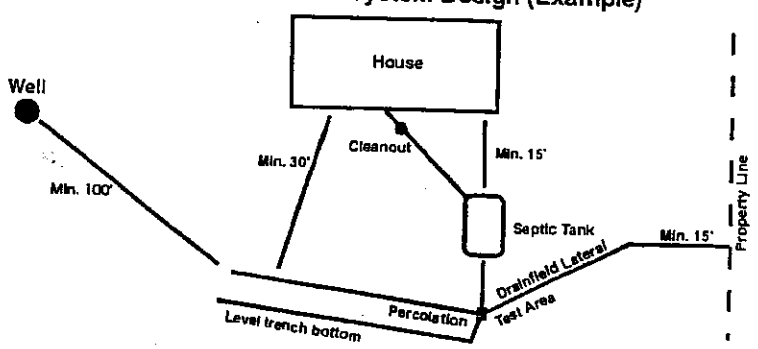
D. Drainfield Absorption

☒ Trench ☐ Bed ☐ Level Bottom

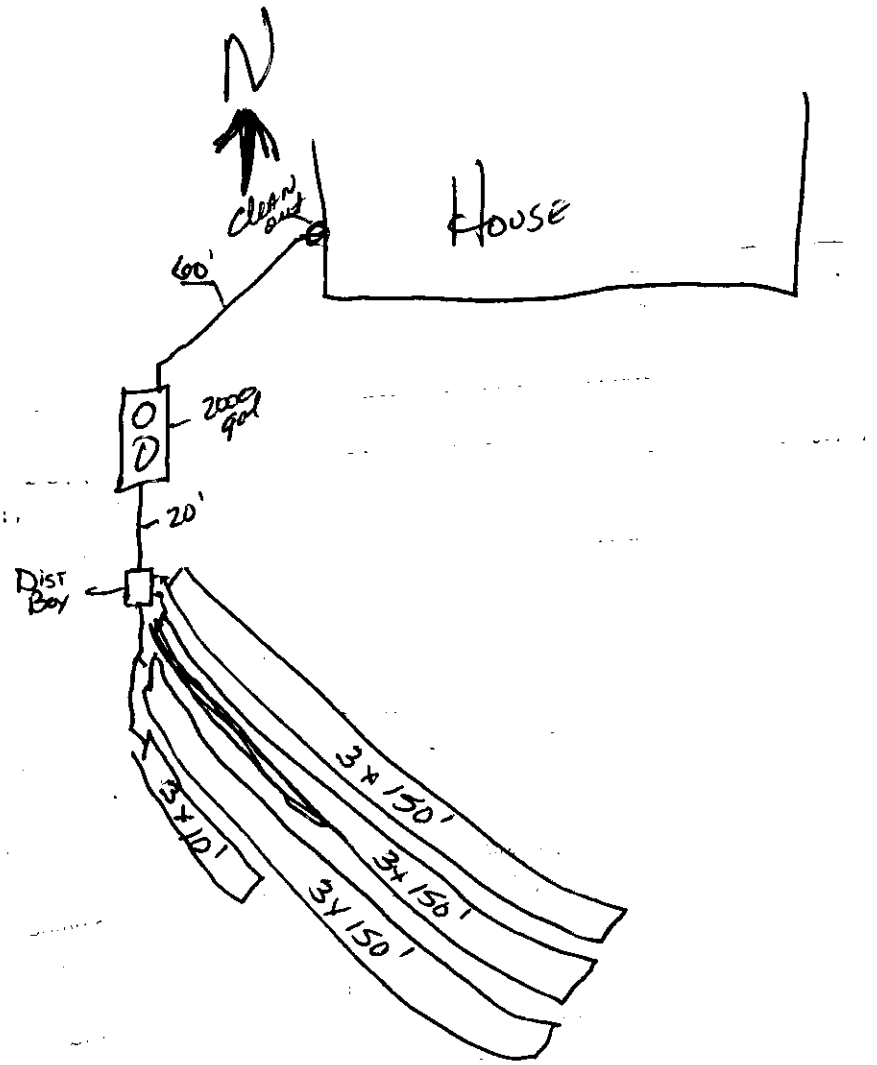
1. Type: ☐ Half rounds ☐ Perforated pipe ☒ Chambers
   Diameter or width: 29.2 INSIDE
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4
   Length of each line: 150 ft. 150 ft.
   150 ft. 10 ft., _____ ft.
3. Drainfield dimensions: Width 36" ft.
   Distribution Pipe Slope _____ in/100 ft.
   Average depth _____ in
4. Filter material: _____
   Depth of material _____ in.
5. Distances to: Well or suction line NA ft.
   Pressure line NA ft.
   Property line 60 ft.
   House or building 80 ft.
   Lake or Stream NA ft.

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

Onsite Wastewater System Design (Example)



icate North
ith Arrow

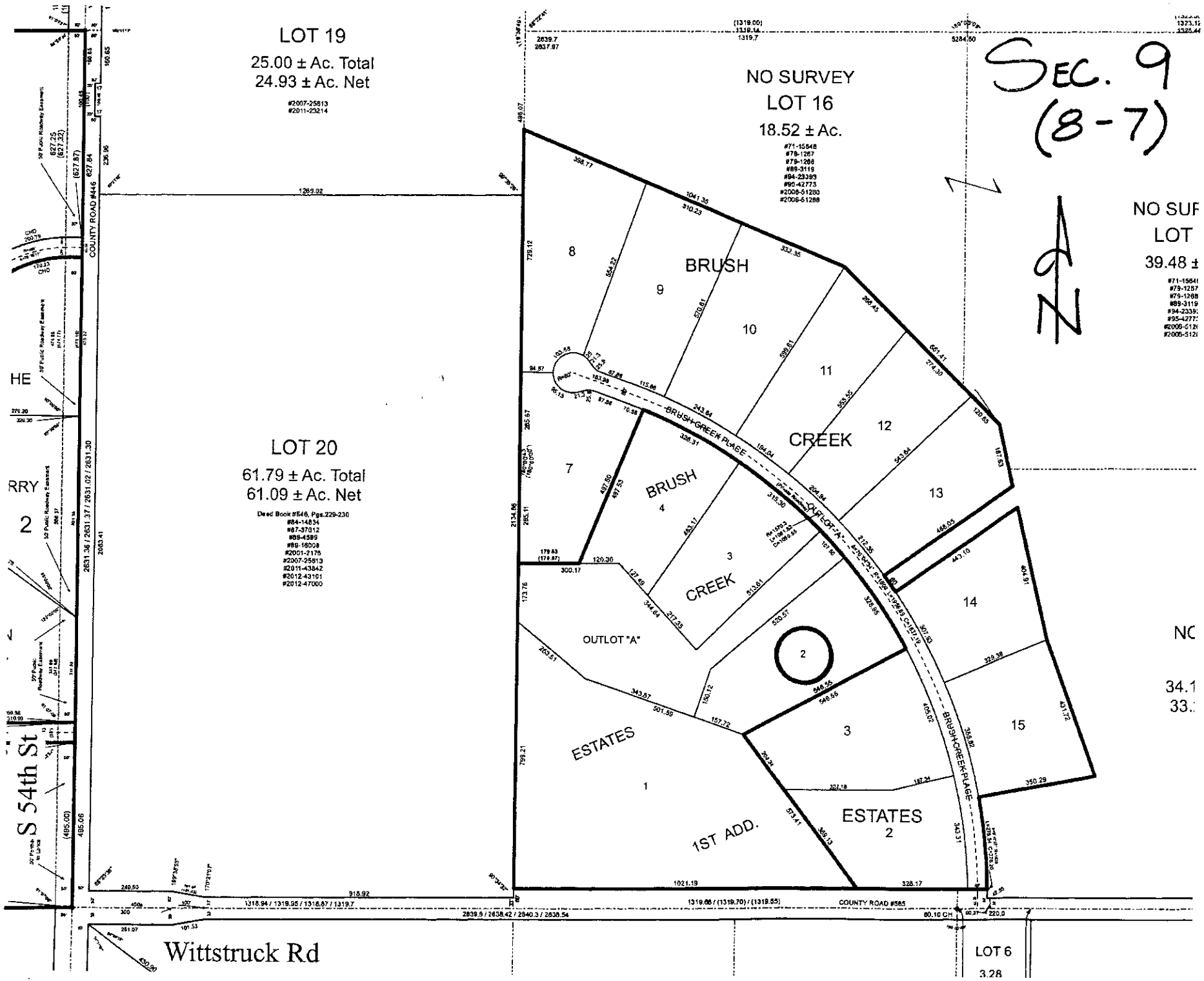

N
House
Clean Out
60'
2000 gal
20'
Dist Box
3 x 150'
3 x 150'
3 x 150'
3 x 10'

Nate C. Hartman

From: Ken D. Schroeder
Sent: Monday, May 07, 2018 11:39 AM
To: Nate C. Hartman
Cc: Pamela L. Dingman
Subject: sewage disposal system for PID #15 09 302 002 000
Attachments: part of sec 9-8-7.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for lot 2 "BRUSH CREEK ESTATES FIRST ADDITION" located in the SW ¼ of Section 9, T8N, R7E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of section 9-8-7.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


LOT 19
25.00 ± Ac. Total
24.93 ± Ac. Net
#2007-25813
#2011-23214
NO SURVEY
LOT 16
18.52 ± Ac.
#71-15548
#79-1267
#79-1268
#89-3119
#94-23393
#95-42773
#2006-51280
#2006-51288
SEC. 9
(8-7)
N
NO SUR
LOT
39.48 ±
LOT 20
61.79 ± Ac. Total
61.09 ± Ac. Net
Deed Book #546, Pgs.229-230
#84-14834
#87-37012
#89-4589
#89-16008
#2001-2175
#2007-25813
#2011-43842
#2012-43101
#2012-47000
BRUSH
CREEK
BRUSH CREEK PLACE
OUTLOT "A"
ESTATES
1ST ADD.
ESTATES
2
COUNTY ROAD #446
COUNTY ROAD #585
S 54th St
Wittstruck Rd
LOT 6
3.28
NC
34.1
33.

Nate C. Hartman

From: Todd A. Stutzman
Sent: Friday, May 04, 2018 11:23 AM
To: Nate C. Hartman
Subject: 14241 Brush Creek Pl

Nate,

14241 Brush Creek Pl, located in Brush Creek 1st Addition lot 2, is a buildable lot.

Todd Stutzman
Plan Examiner II
402-441-7097
555 S 10th Street, Room 203
Lincoln, NE 69508