JUN 15 2018

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

A

Permit Number #S001690

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 14555 S. 59th (no rural route) City Roca, NE Zip

Legal Description Lot 1, Bl. 1 Section 16 Township 10N Range 7E Subdivison Silverhawk Estates Addition Roca Block Lot

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

PID 15-16-101-001-000

B. Owner

Name Aspen Home Builders Signature

Address 1640 Normandy Ct. City/State/Zip Lincoln, NE 68512

Home Phone 402-423-6811 Work Phone

C. Certified Installer

Name: Bob Beyer Signature

Address 1640 Normandy Ct. City/State/Zip Lincoln NE 68512

Work Phone 402-423-6811

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

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 **ACTION** ☐ Approved ☐ Disapproved

Site visits Date rec'd Signature

Date frwd

Comments

2. Supt. Bldg. Insp. or Village Clerk **ACTION** ☐ Approved ☐ Disapproved

Comments Date rec'd Signature

Date frwd

3. City or County Engineer **ACTION** ☐ Approved ☐ Disapproved

Comments Date rec'd Signature

Date frwd

Installation Final Written Approval

By

Date

Business Office Use Only

Date Received 6-15-18 Amount Paid $405

Received By JAO Cash/Check No 24738

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

B

Permit Number:

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 14555 S. 59 (no rural route) City Roca NE, Zip

Owner Aspen Home Bldrs Address 1640 Normandy Ct.

Soil Type (SCS): Wymore Silty Clay Loam Percolation Rate: 20 min./inch

Date of Tests 4-1 to 4-2 Weather: Precipitation 0 Temperature 72

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					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)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	36	4-1	10 AM	4-2	9 AM	4-2	9:00	26	4-2	:30	30	3	10
2	36						:01	20		:31		4	7.5
3	36						:02	31		:32		2.75	11
4	36						:03	30		:33		1.75	17
5	36						:04	24		:34		1.75	17
6	36						:05	28		:35		2	15

Person Conducting Percolation Tests

Name: Bob Benes
Phone: 402-416-9660
Address 1640 Normandy Ct. 68512

Sum of Percolation Rates: 77.5
Average of Rates: 13
Rate Used for Calculation: 20

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-95

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

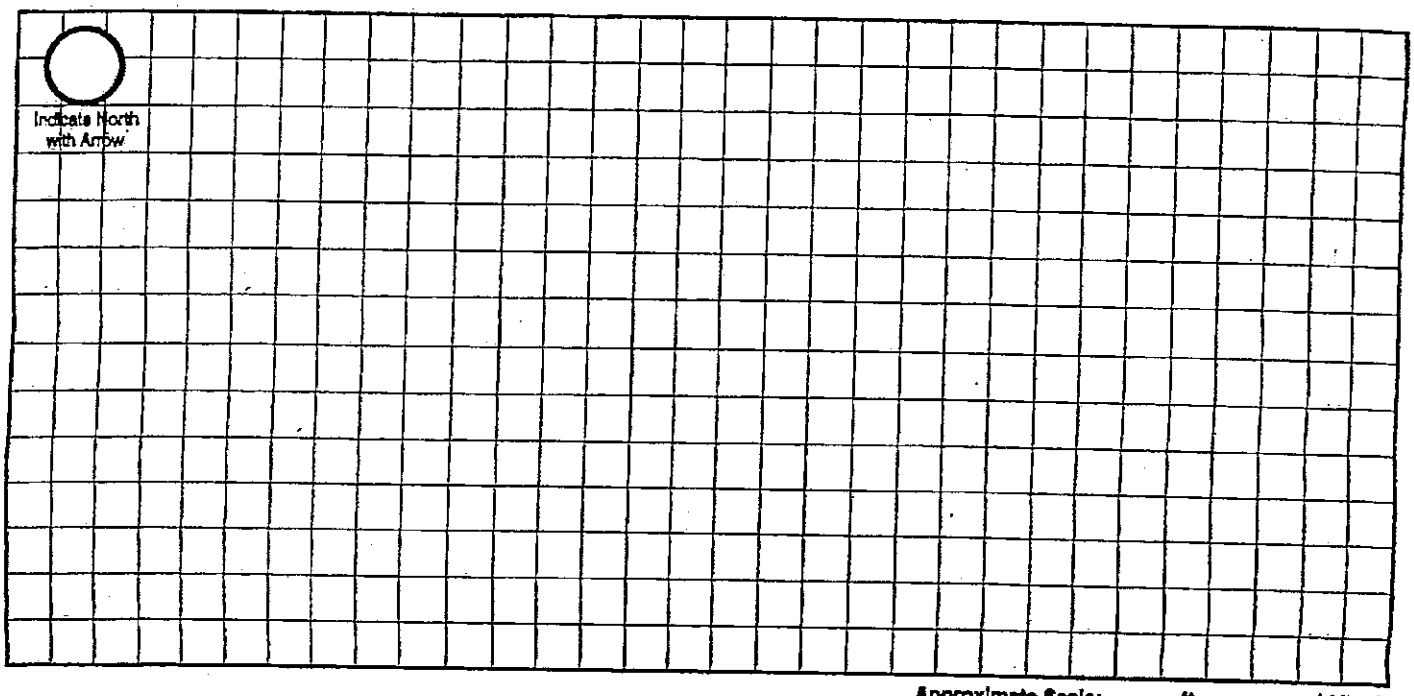
C

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) 14555 S. 59 City Roca NE, Zip _____

B. Proposed Septic Tank/s

Septic Tank Cap. 1750 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 20 (min/inch = mpi) No. of Bedrooms 5 Soil Type Wymore Land Slope 2 %

☑ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1050 sq.ft.

Total length of laterals 390 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☑ Chamber ☐ Other

No. of absorption trenches 2 Width 3' No. of drop boxes 0 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 ☐	☐

F. Required Signatures

Home Building Contractor _____ Date 6-13-18

Installer _____ Date 6-13-18

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. HS001690

System Type: Standard

Situs: 14555 S 59TH ST, ROCA, NE 68430

Issued: 7/2/2018

Expires: 7/2/2019

Description: SILVERHAWK ESTATES ADDITION, BLOCK 1, Lot 1

Owner: ASPEN HOME BUILDERS LLC
1640 NORMANDY CT STE A
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

ASPEN HOME BUILDERS
1640 NORMANDY CT STE A
LINCOLN, NE 68512

SCANNED JUN 15 2018

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

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Permit Number #S001690

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Legal Description Lot 1, Bl. 1 Section 16 Township N Range E Silverhawk Estates Subdivison Roca Addition Block Lot

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

PID 15-16-101-001-000

B. Owner

Name Aspen Home Builders Signature

Address 1640 Normandy Ct. City/State/Zip Lincoln, NE 68512

Home Phone 402-423-6811 Work Phone

C. Certified Installer

Name: Bob Beyer Signature

Address 1640 Normandy Ct, City/State/Zip Lincoln NE 68512

Work Phone 402-423-6811

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 3.02

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 10/26/18 D.C. Date rec'd 7/2/18 Date frwd 7/2/18

ACTION ☑ Approved ☐ Disapproved Signature

Comments

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 Thurber

Date 10/29/18

768

Business Office Use Only

Date Received 6-15-18 Amount Paid $405

Received By JAO Cash/Check No 24738

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

Exhibit 5

Permit Number: H500 1690

Onsite Wastewater Treatment System

Inspection Sheet

Date 10/29/18 Legal Description Silverhawk Estates Lot 1 Blk 1

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 14555 S. 59th 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 1,051 Sq. Ft. Tank Size 2-1,000 gals 2,000 gal Septic

Total length of laterals 290' Type of Distribution: ☒ Chamber ☐ Perforated Pipe ☐ Other (describe)

No. of Absorption Laterals 2 Width 3.625 No. of Drop Boxes Factory 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 DG Date 10/26/18

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By Doug Smith
Date 10/26/18

Field Note Drawing (See Reverse Side):

Nate C. Hartman

From: Diane Van Deun <villageofroca@gmail.com>
Sent: Tuesday, June 26, 2018 2:59 PM
To: Nate C. Hartman
Subject: Silverhawk Estates Block 1, Lot 1

Hi Nate,

This is approved by the Village.

Thanks,

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