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

A

Permit Number HS001691

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 17350 Birdsong Pl (no rural route) City Roca, NE Zip 68430

Legal Description _____ Cedar Woods Estates 5

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

PID _____

B. Owner

Name Jamie & Karla Ring Signature _____

Address 893 Old Wagon Train Cir City/State/Zip Layfayette, CO 80026

Home Phone _____ Work Phone 402-580-7955 Roger w/ Ironwood Builders

C. Certified Installer

Name: Jeff Schoeneck Signature _____

Address 1291 County Rd V City/State/Zip Fremont, NE 68025

Work Phone 402-720-9209

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 3.59

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 6-21-18 Amount Paid $405 CK
Received By RAD Cash/Check No. 84536

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

Form A Updated 1-13

Soil Absortion Test Data Sheet

Owner Information:

Owner: Jamie & Karla Ring Phone: _____

Address: 893 Old Wagon Train Cir, Layfayette, CO 80026

Location: 17350 Birdsong Pl, Roca, NE

Latitude Longitude

Township _____ Range _____ Sec. _____ 1/4 sec. _____

County: Lancaster Area: _____ Acres

Soil Boring

0 - 13"	VDGB Friable SiCL
13 - 30"	GrBr Clay Loam
30 - 44"	GrBr Clay Loam w/few red/br mottles
44 - 66"	Br Firm Clay

No Evidence of Water Table Within 5.5ft of surface

Test Dates

Start Date	End Date
5/15/18	5/16/18

Test Day Weather

Weather Sunny Temp. 79 F

Precipitation 0

Percolation test data:

Hole No.	Hole Depth (in.)	Final Percolation Readings: Start Date Mo./Day	Start Time (Hr./Min.)	Start Water Level (in.)	End (Hr./Min.)	End Water Level (in.)	Final Results: Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rate (Min./Inch)
1	12	5/16/18	1:47 PM	5.80	2:17 PM	5.05	30	0.75	40.0
2	12	5/16/18	1:48 PM	5.65	2:18 PM	4.75	30	0.90	33.3
3	12	5/16/18	1:49 PM	5.50	2:19 PM	4.10	30	1.40	21.4
4	12	5/16/18	1:50 PM	6.35	2:20 PM	5.00	30	1.35	22.2
5	12	5/16/18	1:51 PM	6	2:21 PM	4.55	30	1.45	20.7
6	12	5/16/18	1:52 PM	5.15	2:22 PM	3.95	30	1.2	25.0

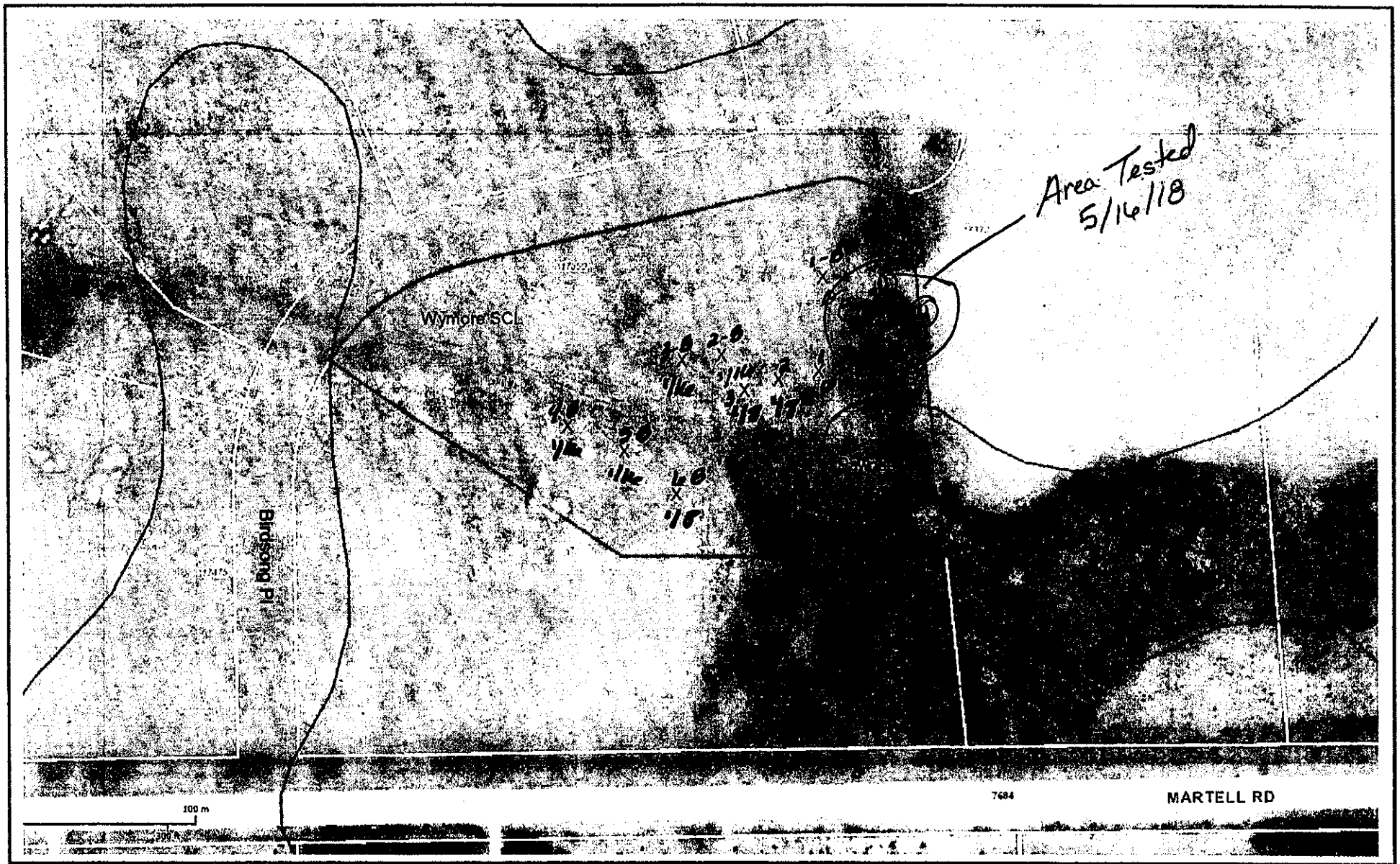
Jeffery N. Schoenleck, P.E. - E8989
Horizon Envirotech, LLC
1291 Co Rd V
Fremont, NE 68025
(402) 720-9209
Phone

Sum of Percolation rates = 162.7

Number of test holes = 6.0

Average of rates in Minutes/inch = 27.1

*If rates vary more than 20 minutes/inch, do not average but use the slowest rate for design purposes.



N
W E
S

Lancaster County/City of Lincoln GIS Map

17350 Birdsong Pl, Roca, NE 68430 S 90th & Martell Rd

Printed: May 05, 2018

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 ags@lincoln.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. HS001691

System Type: Standard

Situs: 17350 BIRDSONG PL, ROCA, NE 68430

Issued: 6/25/2018

Expires: 6/25/2019

Description: CEDAR WOODS ESTATES ADDITION, Lot 5

Owner: RING, JAMIE DOUGLAS & KARLA CHRISTINE
893 OLD WAGON TRAIN CIR
LAFAYETTE, CO 80026

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

JEFF SCHOENECK
1291 COUNTY ROAD V
FREMONT, NE 68025

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

SCANNED

A

Permit Number
HS001691

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)

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Legal Description: Cedar Woods Estates — 5

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

PID

B. Owner

Name Jamie & Karla Ring Signature

Address 893 Old Wagon Train Cir City/State/Zip Layfayette, CO 80026

Home Phone Work Phone 402-580-7955 Roger w/ Ironwood Builders

C. Certified Installer

Name: Jeff Schoeneck Signature

Address 1291 County Rd V City/State/Zip Fremont, NE 68025

Work Phone 402-720-9209

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 3.59

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 4/26/18 DH 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 4/30/18

Business Office Use Only
Date Received 6-21-18 Amount Paid $405.00
Received By Cash/Check No. 9436

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

Form A Updated 1-13

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

Exhibit 5

Permit Number: 4S001691

Onsite Wastewater Treatment System

Inspection Sheet

Date 4/26/19 Legal Description ¼ ¼ 23/8/7 Lot 5 Section/Township/Range

Onsite System Location

Address (no rural route) 17350 Birdsong PL 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 1350 Sq. Ft. Tank Size 2,000 gals plus 1,000 dose/pump tank

Total length of laterals 300' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) E-Z Flow Dosing valve

No. of Absorption Laterals 6 Width 4.5 factor No. of Drop Boxes Distribution Box Dose valve

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 N/A Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial DE Date 4/26/19

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By Doug Ahlers
Date 4/30/19

Field Note Drawing (See Reverse Side):

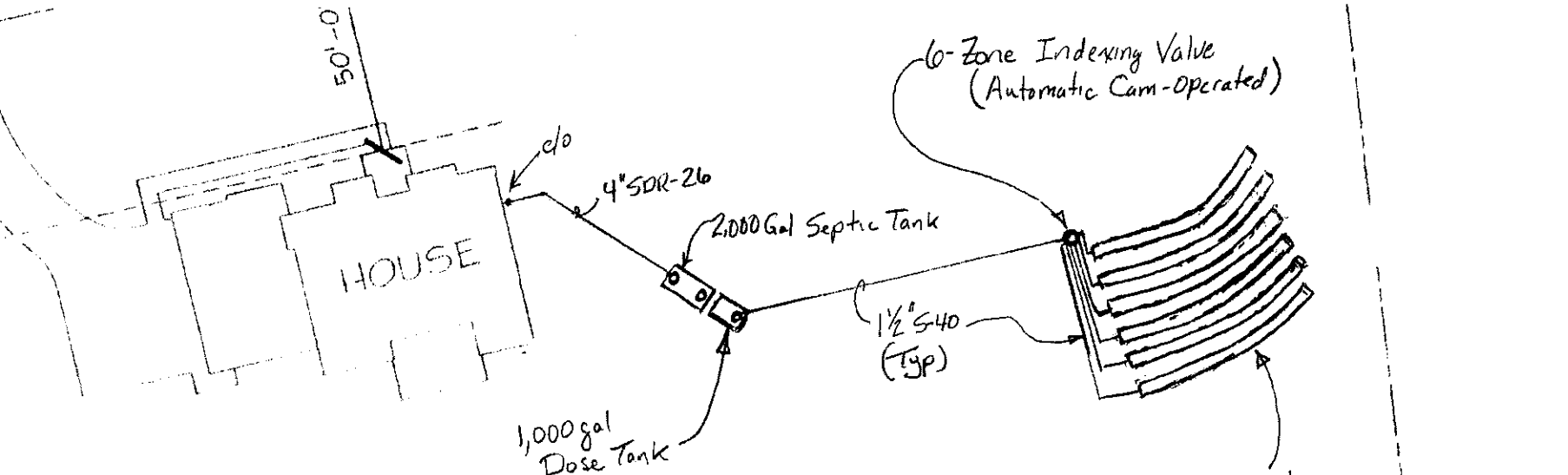
Updated 4/15

2,000

1,000 Don

6 — 50'

E2 flow



3.59 AC

(Laterals Installed Approx 1ft
Into virgin Soils & Capped w/Fill
8" min)

40'
SCALE

N

SEPTIC SYSTEM PLAN

17350 Birdsong PL

Roca, NE

Prepared By: Jeffery N Schaeneck, P.E.
Horizon Envirotech, LLC
402-720-9209

Note: Builder Verified Location of Lateral Field was > 5ft
From Property Line (Area Contained many Trees & Brush)

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:

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) 17350 Birdsong PL

Owner: Ring Residence Address

A. Wastewater Piping

1. Material: 4" SDR-26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 35 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000
3. Depth to top of tank, below unfinished grade: 30 in.
4. Distance to:
   Well N/A ft.
   Pressure line ≈60 ft
   Property Line ≈95 ft.
   Foundation ≈35 ft.

C Distribution Box or Drop Box (Indexing Valve)

Distance and Direction from septic tank: 85 ft. East

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other
   Material brand and inside width of Chamberless: PS Bundles (3)x12" EZ Flow
2. Number of Laterals: 6 @ 50 Ft each
3. Length of each lateral (linear): ft.____ ft.____ ft.____ ft.____
4. Drainfield size: 1350 sq. ft.
5. Distance to:
   Well N/A ft.
   Pressure line ≈65 ft.
   Property line ≈15 ft.
   Depth of Groundwater >6

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

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: Jeff Schoenack Date: 4/26/19

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

Nate C. Hartman

From: Todd A. Stutzman
Sent: Thursday, June 21, 2018 1:41 PM
To: Nate C. Hartman
Subject: Cedar Woods Estates Addition

Nate,

The 6 lots located in Cedar Woods Estates Addition, are all buildable.

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

Janet O'Neal

From: Nate C. Hartman
Sent: Thursday, June 21, 2018 1:11 PM
To: Janet O'Neal
Subject: FW: sewage disposal system approval
Attachments: part of sec 12-10-8.pdf; part of sec 23-8-7.pdf

Janet:

Please attach this email and associated attachments to the hard-copy file. Feel free to contact Mr. Schoeneck anytime for payment.

Thanks!

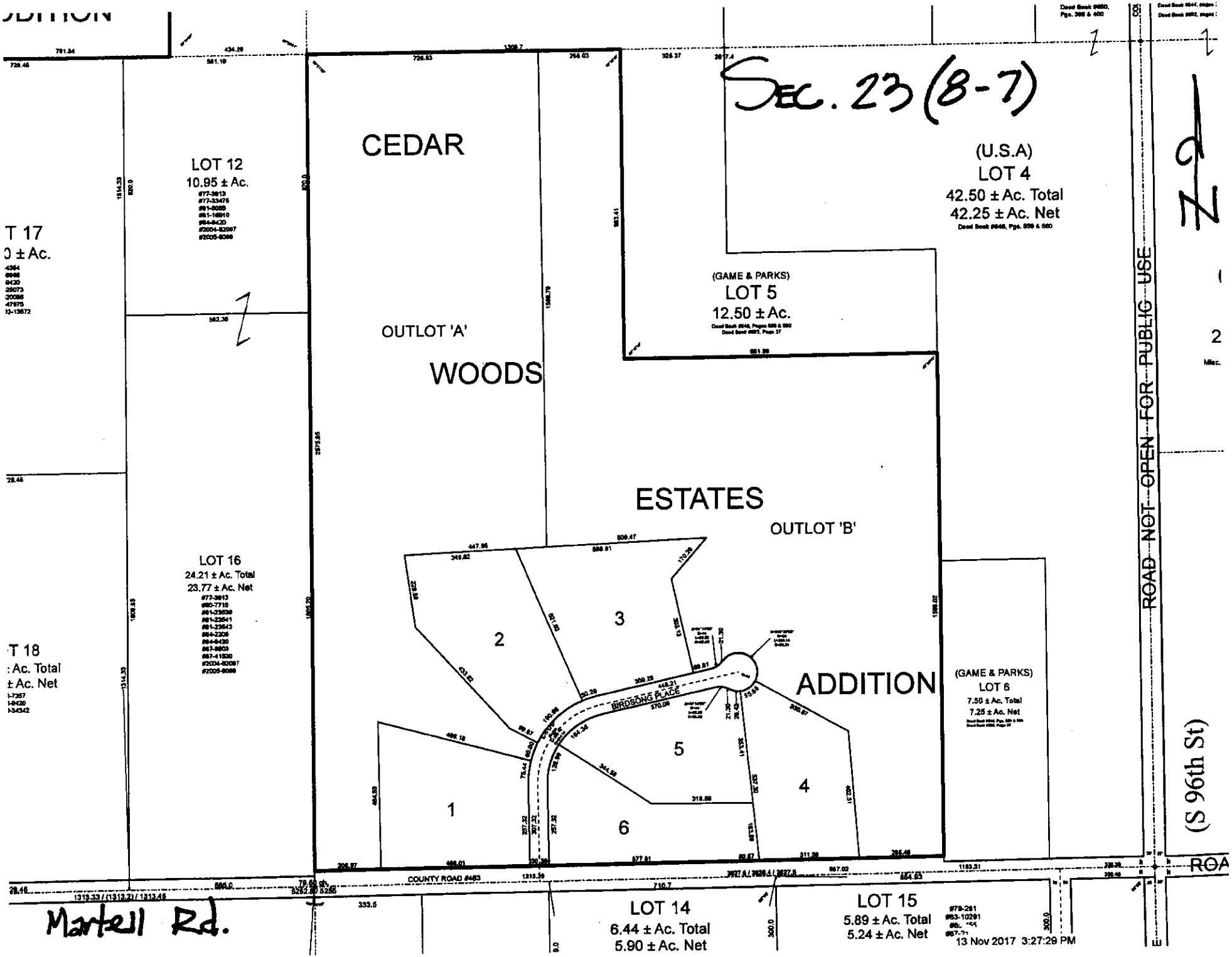
Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
3131 'O' Street, Lincoln, NE 68510
O: 402-441-8643 F: 402-441-3890

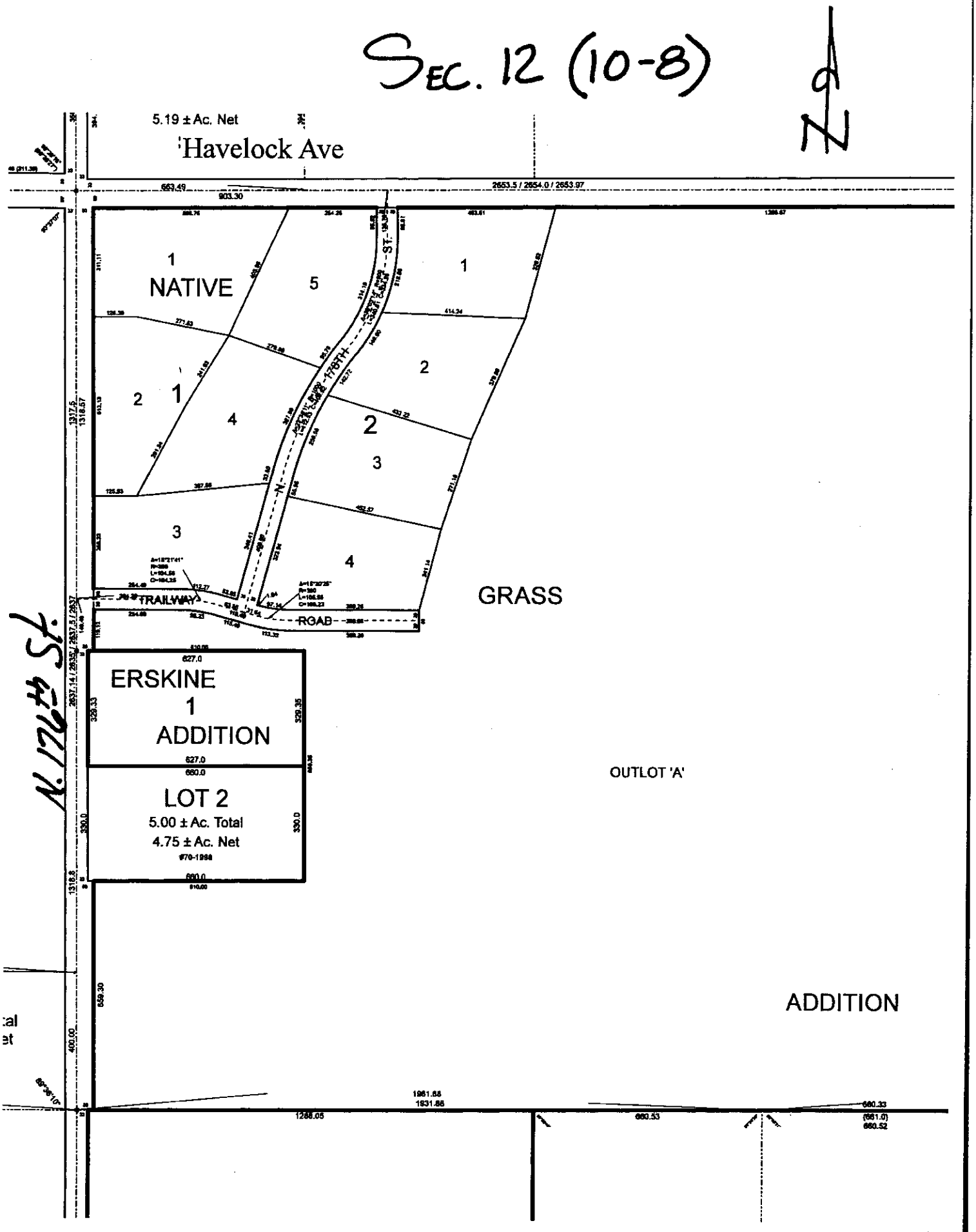
From: Ken D. Schroeder
Sent: Thursday, June 21, 2018 1:06 PM
To: Nate C. Hartman <nhartman@lincoln.ne.gov>
Cc: Pamela L. Dingman <PDingman@lancaster.ne.gov>
Subject: sewage disposal system approval

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for the residential lots within "NATIVE GRASS ADDITION" located in the NW ¼ of Section 12, T10N, R8E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec 12-10-8)*
(AND)
Lancaster County Engineering Department indicates approval for a sewage disposal system for the residential lots within "CEDAR WOODS ESTATES ADDITION" located in the SE ¼ of Section 23, T8N, R7E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec 23-8-7)*

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


Sec. 23 (8-7)
CEDAR
WOODS
ESTATES
ADDITION
OUTLOT 'A'
OUTLOT 'B'
LOT 12
10.95 ± Ac.
LOT 16
24.21 ± Ac. Total
23.77 ± Ac. Net
T 17
T 18
(U.S.A)
LOT 4
42.50 ± Ac. Total
42.25 ± Ac. Net
(GAME & PARKS)
LOT 5
12.50 ± Ac.
(GAME & PARKS)
LOT 6
7.50 ± Ac. Total
7.25 ± Ac. Net
BIRDSONG PLACE
ROAD NOT OPEN FOR PUBLIC USE
(S 96th St)
COUNTY ROAD #483
Martell Rd.
LOT 14
6.44 ± Ac. Total
5.90 ± Ac. Net
LOT 15
5.89 ± Ac. Total
5.24 ± Ac. Net
1
2
3
4
5
6
13 Nov 2017 3:27:29 PM


SEC. 12 (10-8)
N
5.19 ± Ac. Net
Havelock Ave
663.49
903.30
2653.5 / 2654.0 / 2653.97
1
NATIVE
5
1
2
1
2
4
2
3
3
4
ST.
176TH
TRAILWAY
RGAB
GRASS
ERSKINE
1
ADDITION
627.0
660.0
LOT 2
5.00 ± Ac. Total
4.75 ± Ac. Net
#70-1998
OUTLOT 'A'
N. 176th St.
ADDITION
1961.88
1931.88
1288.05
660.53
660.33
(661.0)
660.52