MAR 18 2021

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

A

Permit Number HS002186

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 17270 S 75th Ct

Address* Buel Highlands (no rural route) City Hickman NE Zip 68372

Legal Description 22 8 7 Buel Hgland Est 2nd Add 1

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

PID 15-22-402-001-000 *Approx. Address (If to be determined)

B. Owner

Name Matt Miller Signature

Address 9540 Cotswold Ln City/State/Zip Lincoln, NE 68526

Home Phone Work Phone 402-937-4827

C. Certified Installer

Name: Brandon Sedlacek Signature

Address 11185 E St Hwy 41 City/State/Zip Adams, NE 68301

Work Phone 402-988-8425

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

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 3-18-21 Amount Paid $440.00

Received By JAD Cash/Check No 2239

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

Form A Updated 4/15

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

Permit Number:

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address ~~Buel Highlands Lot 8~~ 17270 S 75th Ct (no rural route) City Hickman NE, Zip 68372

Owner Matt Miller Address 9540 Cotswold Ln Lincoln, NE 68526

Date of Tests 8/31/2020 to 9/1/2020 Weather: Precipitation none Temperature 80 degrees

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			End				
Hole No.	Hole Depth(in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Initial Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop(in)	Percolation Rates (Min/in = mpi)
1	30 in	8/31	5:30 pm	9/1	8:50 am	9/1	12:20 pm	6	9/1	12:50 pm	30 min	5/8	48
2	30 in	8/31	5:30 pm	9/1	8:50 am	9/1	12:20 pm	6	9/1	12:50 pm	30 min	1/2	60
3	30 in	8/31	5:30 pm	9/1	8:50 am	9/1	12:20 pm	6	9/1	12:50 pm	30 min	5/8	48
4	30 in	8/31	5:30 pm	9/1	8:50 am	9/1	12:20 pm	6	9/1	12:50 pm	30 min	1/2	60
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Jason Kubik
Phone: 402-475-2462
Address 105 Locust Street P.O. Box 191
Hickman, NE 68372

Sum of Percolation Rates: 216
Average of Rates: 54
Rate Used for Calculation: 59

Soil type (NRCS Maps/Other) 7684 Wymore
Groundwater Depth +12 feet

DO NOT WRITE BELOW THIS LINE

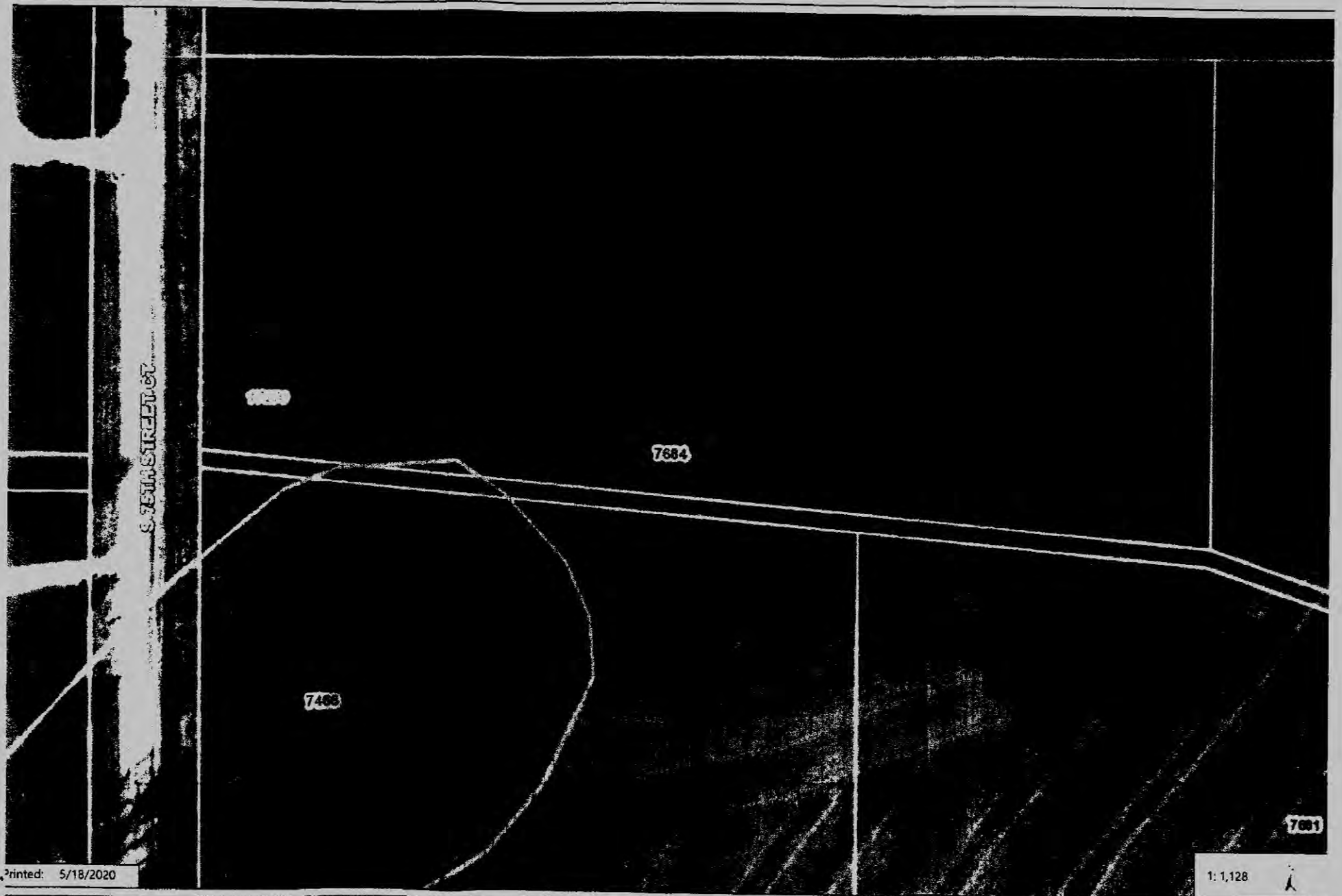
Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date

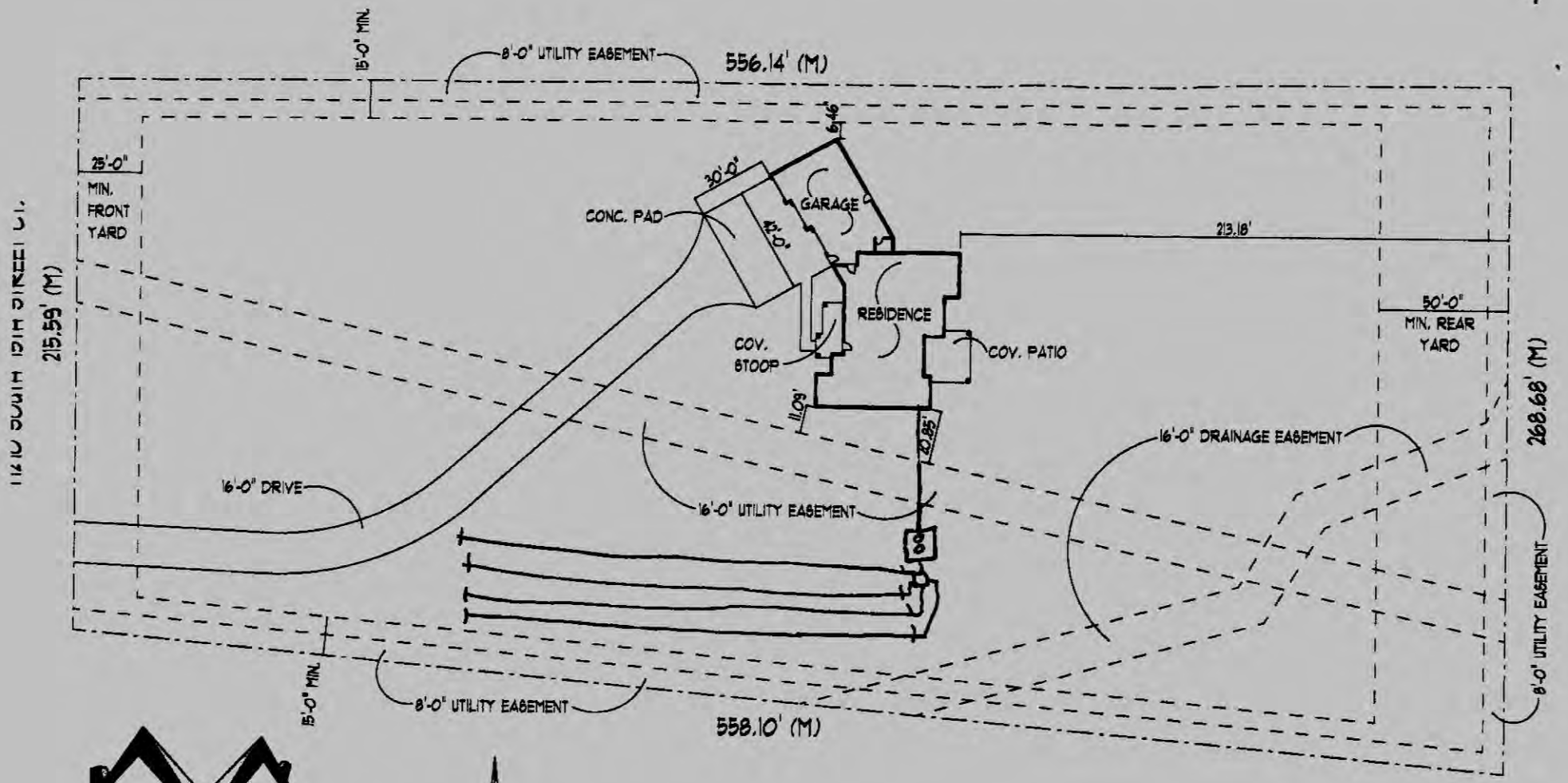
GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



Printed: 5/18/2020

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 assessor@lancaster.ne.gov and you will be directed to the appropriate department.



new VENTURES
RESIDENTIAL DESIGN
The Trade Center
6031 South 58th Street, Suite C
Lincoln, NE 68516
Phone: (402) 420-0088
Fax: (402) 420-0089
www.newventures.com

NV01819
MATT & ASHLEY
MILLER RESIDENCE

PLOT PLAN SCALE: 1" = 60'-0"

NOTE:
BUILDING MAY BE LOCATED ANYWHERE WITHIN BUILDABLE AREA OF LOT.

LEGAL:
BUEL HIGHLANDS ESTATES
2ND ADDITION, LOT 1

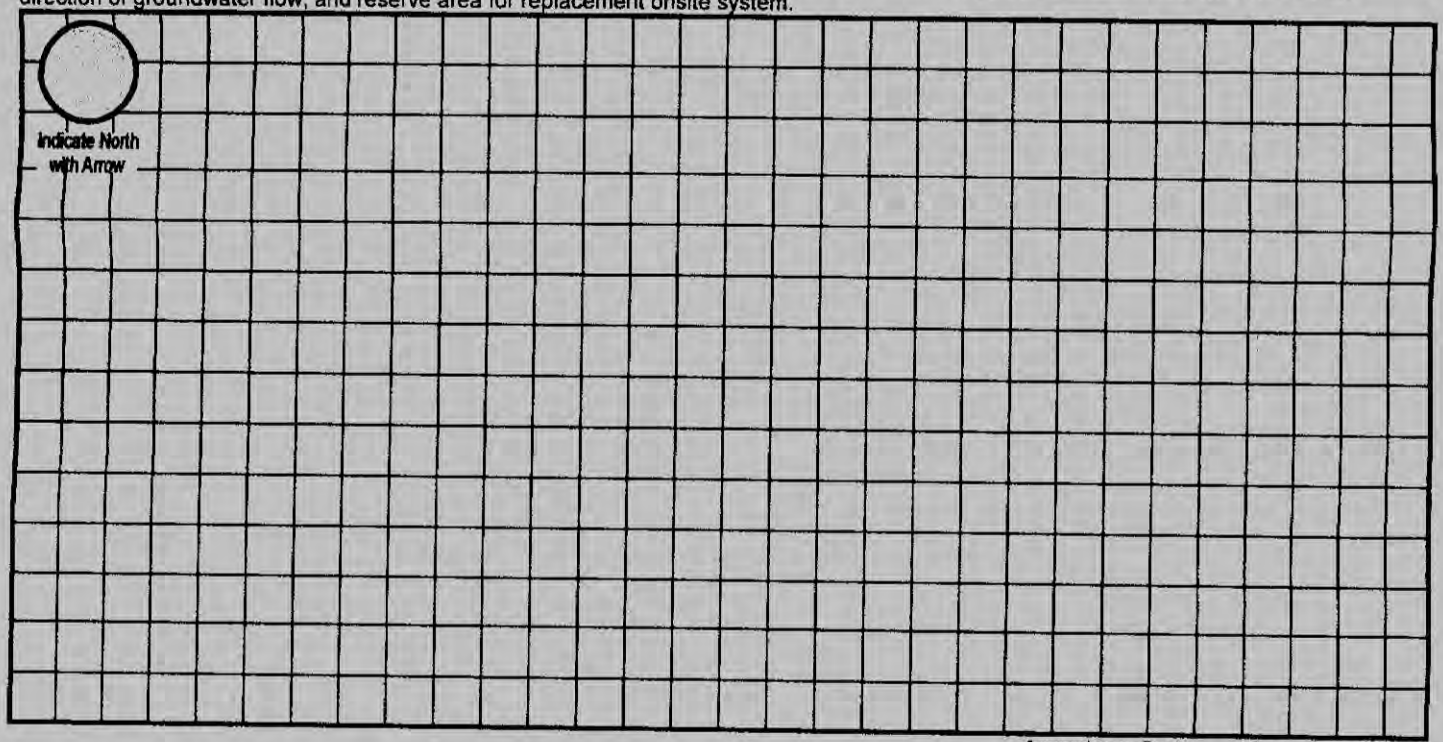
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

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) 17270 S 75th Ct Buel Highlands City Hickman NE, Zip 68372

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 _____ Soil Type _____ Land Slope 1 %
☒ 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 EZ-Flow
No. of Absorption Trenches 4 Width _____ No. of Drop Boxes _____ Distribution Box 1
No. of Absorption Beds _____ Width _____ No. of Distribution Lines per Bed _____

Installer Brodie Seiler Date: 3-13-21

Updated 2/18

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. HS002186

System Type: Standard

Situs: No Site Address Specified

Issued: 3/22/2021

Expires: 3/22/2022

Description: BUEL HIGHLANDS ESTATES 2ND ADDITION, Lot 1

Owner: MILLER, MATTHEW L
9540 COTSWOLD LN
LINCOLN, NE 68526

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, Interim 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.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
Health Director

SOUTHEAST SEWER & SEPTIC
11185 E STATE HWY 41
ADAMS, NE 68301

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

D

Permit Number: HS002186

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) 17270 S 75 St CT Hickman, NE

Owner: Matt Miller Address 17270 S 75 St CT Hickman, NE 68372

A. Wastewater Piping

1. Material: PVC Diameter: 4 in.
2. Distance between dwelling and septic tank: 18 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000
3. Depth to top of tank, below unfinished grade: 18 in.
4. Distance to:
   Well N/A ft.
   Pressure line 7100 ft
   Property Line 7100 ft.
   Foundation 18 ft.

C Distribution Box or Drop Box

Distance and Direction from septic tank: ____ ft. ____

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☐ Other
   Material brand and inside width of Chamberless: Infiltrator E2-Flow
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 110 ft. 110 ft. 100 ft. 70
4. Drainfield size: 1755 sq. ft.
5. Distance to:
   Well N/A ft.
   Pressure line 7100 ft.
   Property line 15' ft.
   Depth of Groundwater 710'

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: Brian Seeley Date: 10-1-21

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

35'
15'
110'
110'
100'
70'
390' E2 Flow Laterals
Drainage Ditch
200' 2"
1000 gal Pumptank
1½ Liberty Grinder pump
5'
15'
2000 gal
5-Bedroom
Water Service
Driveway
Matt Miller
17270 S 75th CT
Hickman, NE 68372