Case #: **HS000981**

NA COMPLAINT SERVICE RECORD
Created by SBUHR on 10/10/2014

Assigned: NHARTMAN
Dept: HEALTH/WATER/NA/NA

Address: **8320 HALEY LYNN LN**
Location:
Requestor: - , ,
Nature:

Action Email Tracking Number:
Call Requested: N Called: N

Item	Reported	Allegation	To Wit
1			

DATE	ITEM	ACTION TAKEN AND RESULTS

OCT 10 2014

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

A

Permit Number
HS000981

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 8320 Haley Lynn Ln (no rural route) City Denton, NE Zip 68339

Legal Description High Meadows First Addition Block 1 Lot 3

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

Geographical Location (if known): Lat/Long: PID 03-21-403-003-000

B. Owner

Name Danelle & John Catlett Signature

Address 610 Hill St City/State/Zip Lincoln, Ne 68502

Home Phone Work Phone

C. Certified Installer

Name: Kurt Vigil Signature

Address 4640 W Mary Louise Ln City/State/Zip Lincoln, Ne, 68524

Work Phone 402-525-6601

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 3 Is there a Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 3.17

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

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
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 10-10-14 Amount Paid $375.00
Received By SB Cash/Check No. 1109

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

Form A Updated: 5/10

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

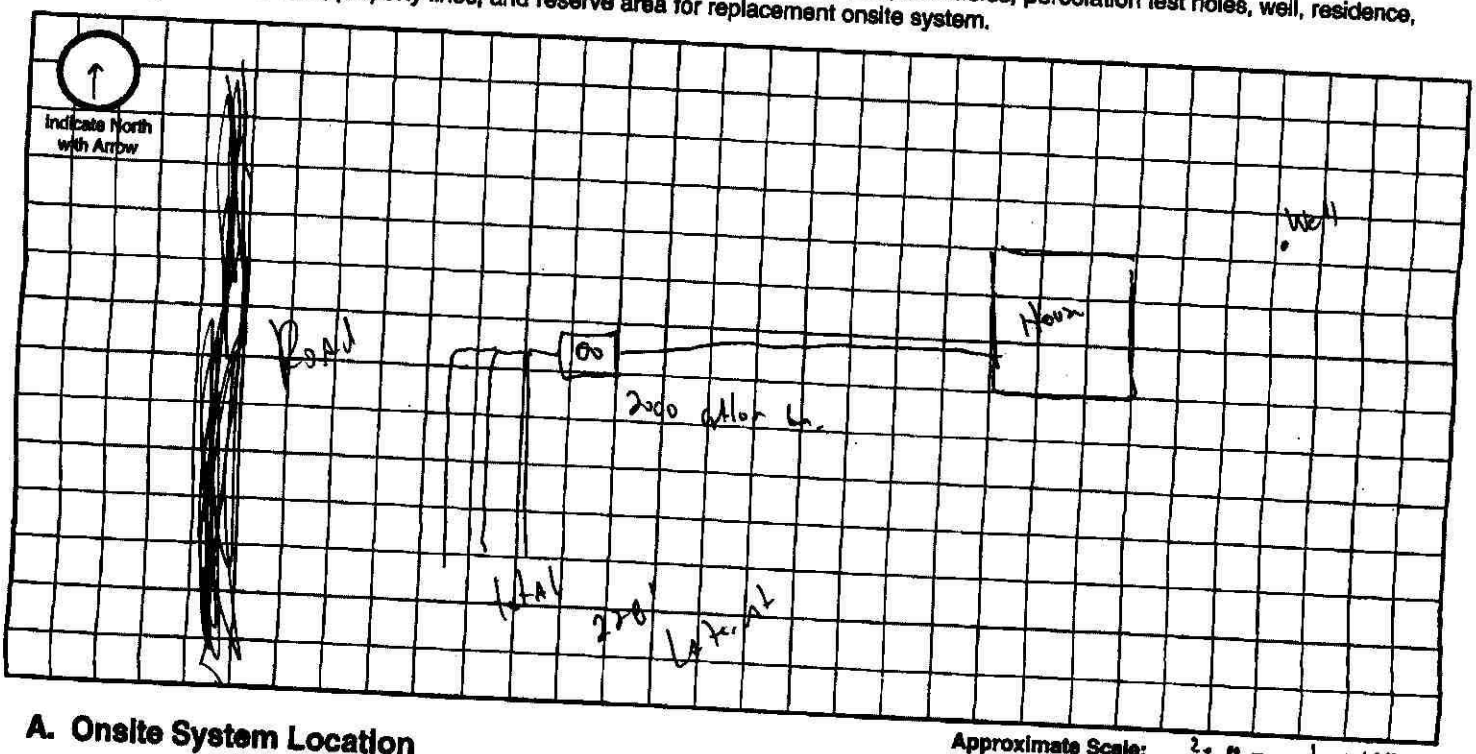
C

Permit Number: HS000981

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.



A. Onsite System Location

Address (no rural route) 8320 Haley Lynn Ln City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Septic Tank Cap. 2000 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 29 (min/inch = mpi) Use 31-40 No. of Bedrooms 3 Soil Type Sandy Clay Land Slope 7 %

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

Total length of laterals 220 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 3 Width 36" No. of drop boxes NA Distrubtion Box NA

No. of absorption beds NA Width NA No of Distribution lines per bed NA

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 _____

Installer _____ Date _____

Date 10-7-14

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS000981

System Type: Standard

Situs: 8300 HALEY LYNN LN, RURAL, NE

Issued: 10/20/2014

Expires: 10/20/2015

Description: HIGH MEADOW FIRST ADDITION, BLOCK 1, Lot 3

Owner: CATLETT, DANELLE T & JOHN C
610 HILL ST
LINCOLN, NE 68502

Judith A Halstead
Judith A. Halstead, MS, 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.

Judith A Halstead
Judith A. Halstead, MS
Health Director

KURT VIRGIL EXCAVATING INC
4620 W MARY LOUISE LN
LINCOLN, NE 68528

SCANNED

NOV 04 2014

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

D

Permit Number: HS000981

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date 11-2-14 Legal Description High Meadows First Addition Block 1 Lot 3
(1/4 1/4 Section Township Range)

Onsite System Location

Address (no rural route) 8320 Haley Lynn Ln City Denton NE, Zip 68339

Owner Danelle & John Catlett Address 610 Hill St Lincoln, Ne 68502

A. Sewer Pipe

1. Material: PVC
   Diameter: 4" in.
2. Distance above basement floor: — in.
   or distance below basement floor: 36 in.
3. Distance between dwelling and septic tank: 142 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 7100 ft.
   stream 750 ft.
   pressure line 725 ft.
   property line 725 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 24 in.
   Over outlet, diameter 24 in.
   Riser: ☑ above ☐ below grade 3 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: 24 in.
8. Distances to: Well or suction line 7100 ft.
   Stream 750 ft.
   Pressure line 725 ft.
   Property line 725 ft.

C. ☐ Distribution Box ☐ Drop Boxes

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

1. Material: NA
   Number available outlets:
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: ft.

D. Drainfield Absorption

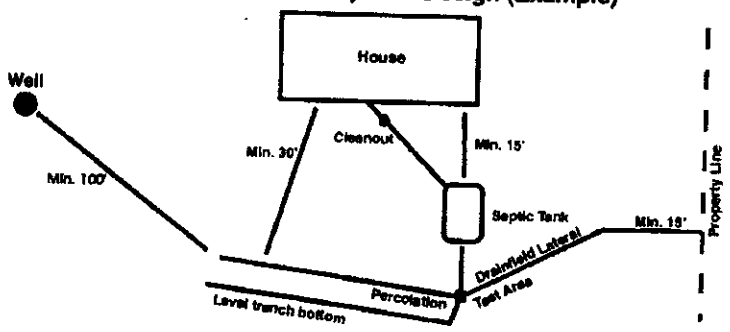
☑ Trench ☐ Bed ☐ Level Bottom

1. Type: ☒ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: 32
   Number of distribution lines in bed
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other
2. Drainfield Laterals: Number 3
   Length of each line: 76 ft. 76 ft.
   76 ft. ft., ft.
3. Drainfield dimensions: Width 32 ft.
   Distribution Pipe Slope 0 in/100 ft.
   Average depth 36 in
4. Filter material: NA
   Depth of material NA in.
5. Distances to: Well or suction line 7100 ft.
   Pressure line 725 ft.
   Property line 725 ft.
   House or building ~~730~~ 140 ft.
   Lake or Stream 750 ft.

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

Onsite Wastewater System Design (Example)

Indicate North with Arrow

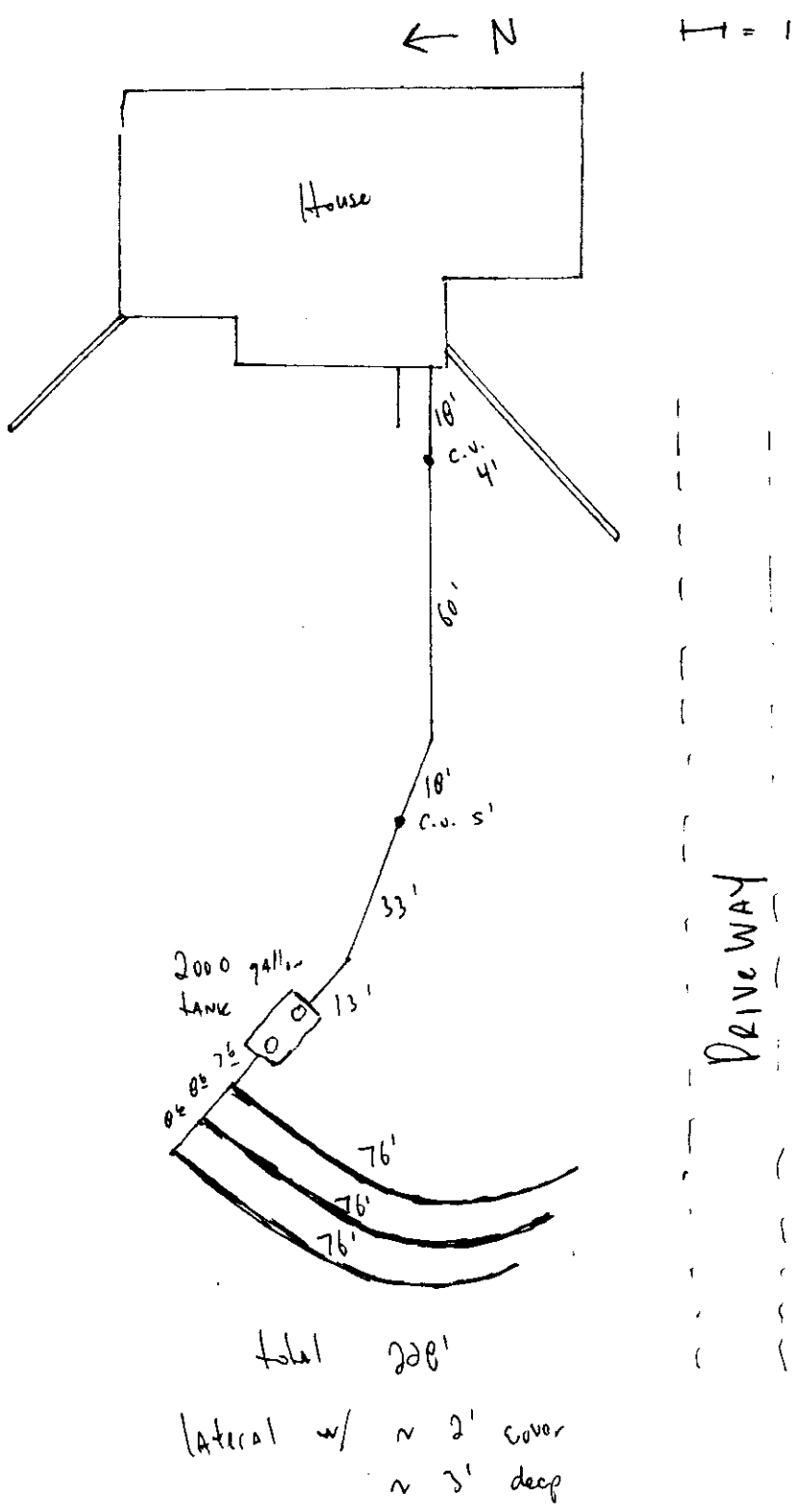


Timber Ridge Homes

Danelle & John Catlett
8320 Haley Lynn Lane
Denton, Ne 68339

Septic System Info

Completed 10-28-14



total 228'

lateral w/ ~ 2' cover
~ 3' deep

OCT 10 2014

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

SCANNED **A**

Permit Number
HS000981

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 8320 Haley Lynn Ln (no rural route) City Denton, NE Zip 68339

Legal Description 21 9 5 SB High Meadows First Addition Block 1 Lot 3
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Lat/Long: PID 03-21-403-003-000

B. Owner

Name Danelle & John Catlett Signature

Address 610 Hill St City/State/Zip Lincoln, Ne 68502

Home Phone Work Phone

C. Certified Installer

Name: Kurt Virgil Signature

Address 4620 W Mary Louise Ln City/State/Zip Lincoln, Ne, 68524

Work Phone 402-525-6691

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 3 Is there a Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 3.17

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

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 10/20/14
Date frwd 10/20/14
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 10-14-14
Date frwd 10-14-14
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 10-14-14
Date frwd 10-14-14
ACTION ☒ Approved ☐ Disapproved
Signature Jim Plouzek

Installation Final Written Approval
By
Date 10/30/14

Business Office Use Only
Date Received 10-10-14 Amount Paid $375.00
Received By SB Cash/Check No. 1109

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

Form A Updated: 5/10

OCT 06 2014

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 8320 HALEY LYNN LANE City Denton NE, Zip 68339
(no rural route)

Owner Danelle & John Catlett Address 610 Hill St Lincoln, Ne 68502

Date of Tests 9-26-14 to 9-27-14 Weather: Precipitation No Temperature 75°

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	36	9-26	200	9-26	600	9-27	1150	6	9-27	1220	30	3/4	40
2	36	"	"	"	"	"	"	6	"	"	"	3/4	40
3	36	"	"	"	"	"	"	6	"	"	"	1 1/2	20
4	36	"	"	"	"	"	"	6	"	"	"	1 1/4	24
5	36	"	"	"	"	"	"	6	"	"	"	1	30
6	36	"	"	"	"	"	"	6	"	"	"	7/8	24
								6					
								6					

Person Conducting Percolation Test

Name: Kurt Virgil
Phone: 402-525-6681
Address 4620 W Mary Lovisa Ln

Sum of Percolation Rates: 178
Average of Rates: 29.66
Rate Used for Calculation: Used 31-40 mpi

Soil type (NRCS Maps/Other) Pickaway fine sand (SANDY Clay)
Groundwater Depth 710

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official _____ Date _____

SCANNED

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

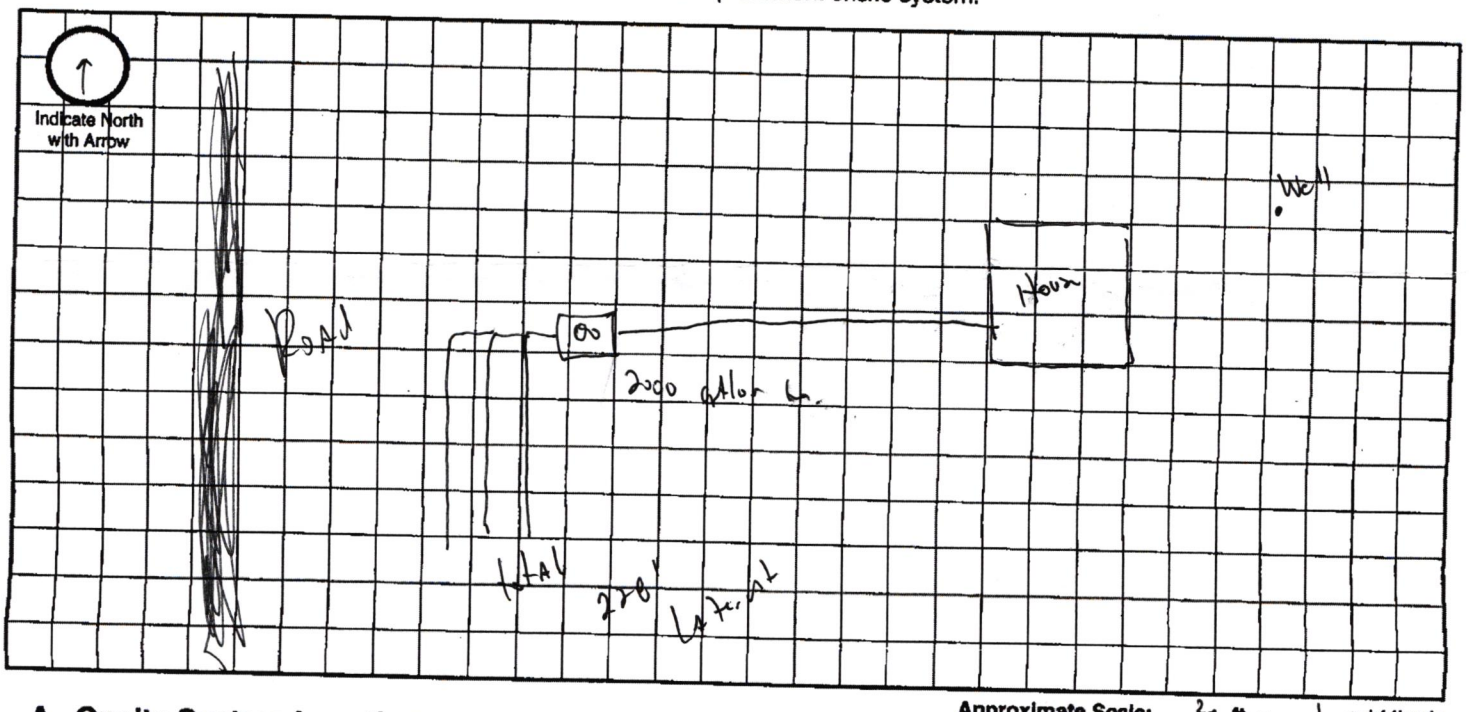
C

Permit Number: HS000981

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: 20 ft. = 1 grid line/s

A. Onsite System Location

Address (no rural route) 8320 Haley Lynn Ln City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Septic Tank Cap. 2000 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 29 (min/inch = mpi) Use 31-40 No. of Bedrooms 3 Soil Type Sandy Clay Land Slope 7 %

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

Total length of laterals 220 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 3 Width 36" No. of drop boxes NA Distrubtion Box NA

No. of absorption beds NA Width NA No of Distribution lines per bed NA

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 _____

Installer _____ Date 10-7-14

9-5-21

SCANNED

NOV 04 2014

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

D

Permit Number: HS000981

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date 11-2-14 Legal Description High Meadows First Addition Block 1 Lot 3
1/4 1/4 Section Township Range

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Address (no rural route) 8320 Haley Lynn Ln City Denton NE, Zip 68339

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A. Sewer Pipe

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   stream 750 ft.
   pressure line 725 ft.
   property line 725 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 24 in.
   Over outlet, diameter 24 in.
   Riser: ☑ above ☐ below grade 3 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: 24 in.
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   Pressure line 725 ft.
   Property line 725 ft.

C. ☐ Distribution Box ☐ Drop Boxes

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

1. Material: NA
   Number available outlets:
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: ft.

D. Drainfield Absorption

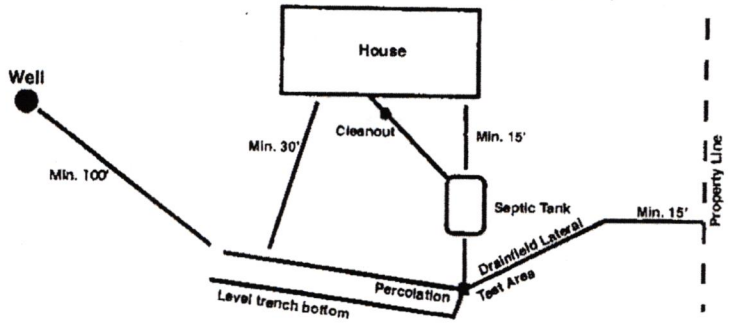
☒ Trench ☐ Bed ☐ Level Bottom

1. Type: ☒ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: 32
   Number of distribution lines in bed
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other
2. Drainfield Laterals: Number 3
   Length of each line: 76 ft. 76 ft.
   76 ft. ft., ft.
3. Drainfield dimensions: Width 32 ft.
   Distribution Pipe Slope 0 in/100 ft.
   Average depth 36 in
4. Filter material: NA
   Depth of material NA in.
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   Pressure line 725 ft.
   Property line 725 ft.
   House or building ~~730~~ 140 ft.
   Lake or Stream 750 ft.

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

Indicate North with Arrow

Onsite Wastewater System Design (Example)



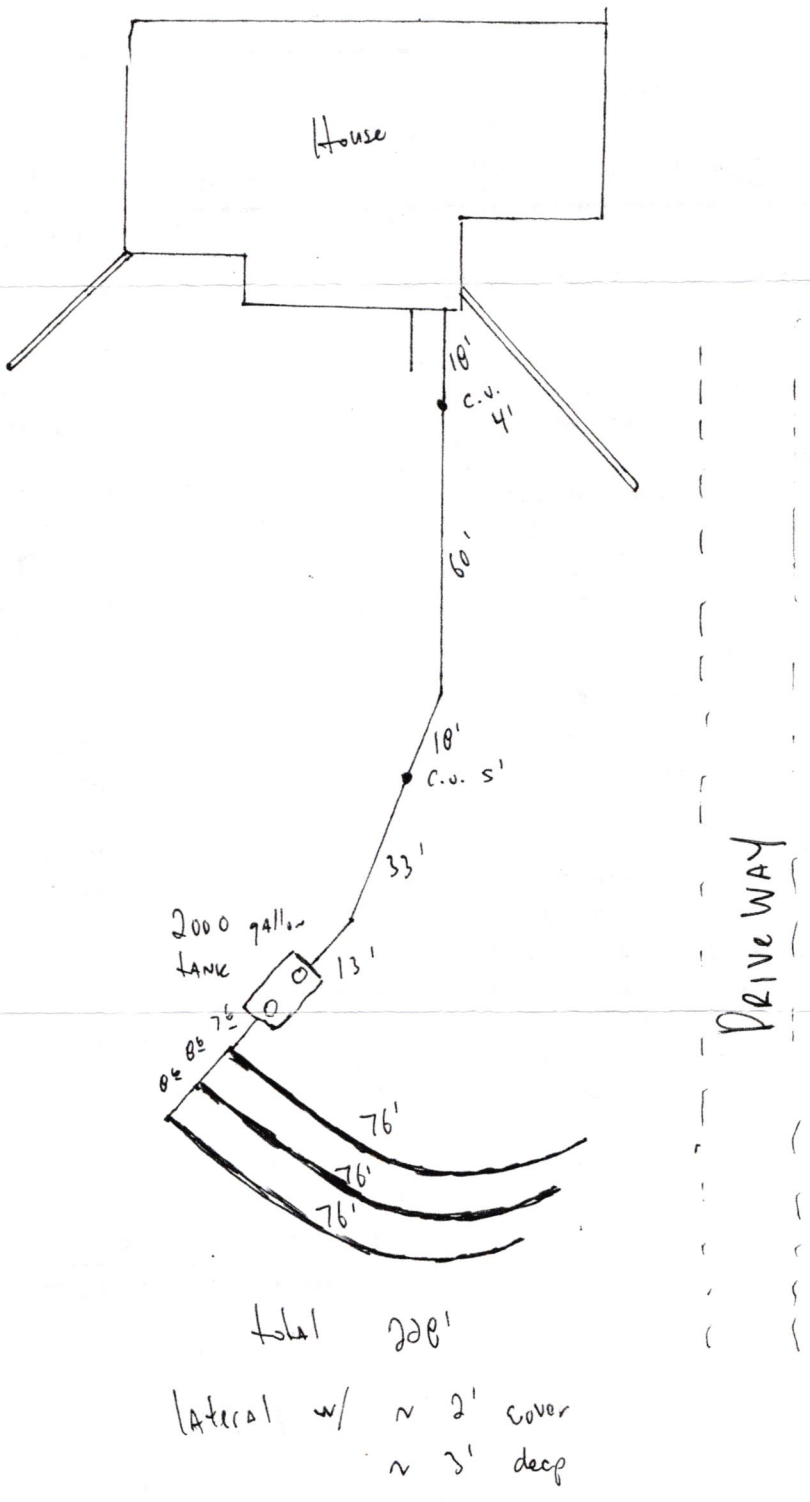
8320 Haley Lynn

Timber Ridge Homes

Danelle & John Catlett
8320 Haley Lynn Lane
Denton, Ne 68339

Septic System Info

Completed 10-28-14



total 228'

lateral w/ ~ 2' cover
~ 3' deep