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

A

Permit Number HS 001805

New Construction
Destiny Homes

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 Vanderview Rd (no rural route) City Hickman, NE Zip 68372

Legal Description: NW (1/4) 7 (1/4) 7N (Section) 8E (Township) Vanderview Ridge (Range) Subdivison 1 (Addition) 3 (Block) Lot

PID 20-07-201-003-000

B. Owner

Name Michael Rider Signature

Address 2304 S Mineral Dr City/State/Zip Papillion, NE 68046

Home Phone 402-318-9671 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

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
Comments
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

Business Office Use Only
Date Received 4-10-19 Amount Paid $420.00
JAV #9599

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 Vanderview RD (no rural route) City Hickman NE, Zip 68372

Owner Mike Rider Address 2304 S Mineral Dr, Papillion, NE 68046

Date of Tests 4/8/19 to 4/9/19 Weather: Precipitation 0 Temperature 69°

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	72	4/8	11:30a	4/8	3:30p	4/9	12:00p	6	4/9	12:30p	30	1-1/4	24
2	72	"	"	"	"	"	"	6	"	"	"	13/16	34
3	70	"	"	"	"	"	"	6	"	"	"	5/8	48
4	72	"	"	"	"	"	"	6	"	"	"	9/16	53
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri L Jakoubek, Raymond Contracting, Inc.

Phone: 402-783-2663 or 402-890-6009

Address 13800 NW 70th St

Raymond, NE 68428 Cert #1198

Soil type (NRCS Maps/Other) Wymore SCL

Groundwater Depth >12'

Sum of Percolation Rates: 159

Average of Rates: 40

Rate Used for Calculation: 53 (20 mpi variance)

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
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

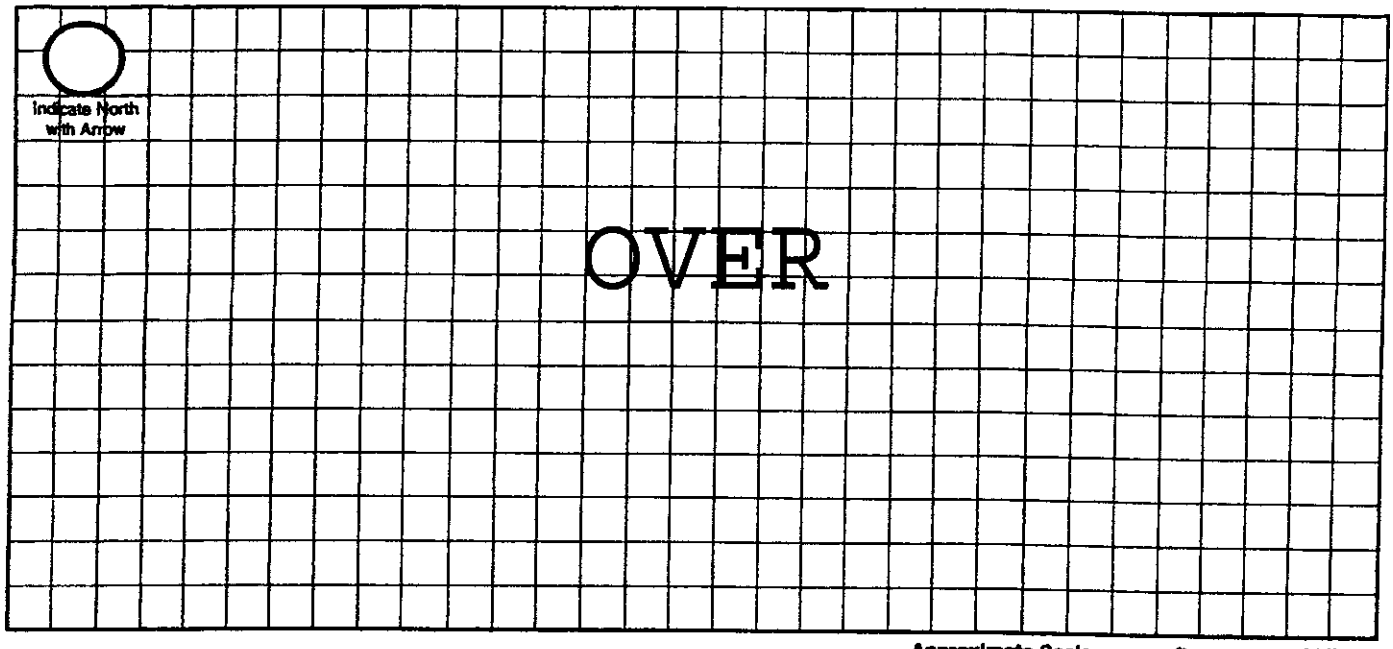
C

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) Vanderview R City Hickman NE, Zip 68372

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 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 53 (min/inch = mpi) No. of Bedrooms 5 Soil Type SCL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,755 sq.ft.

Total length of laterals 390 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 4 Width 40" No. of drop boxes 1 Distrubtion Box_____

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 Builder or Owner _____ Date 4/10/19

Installer _____ Date 4/10/19

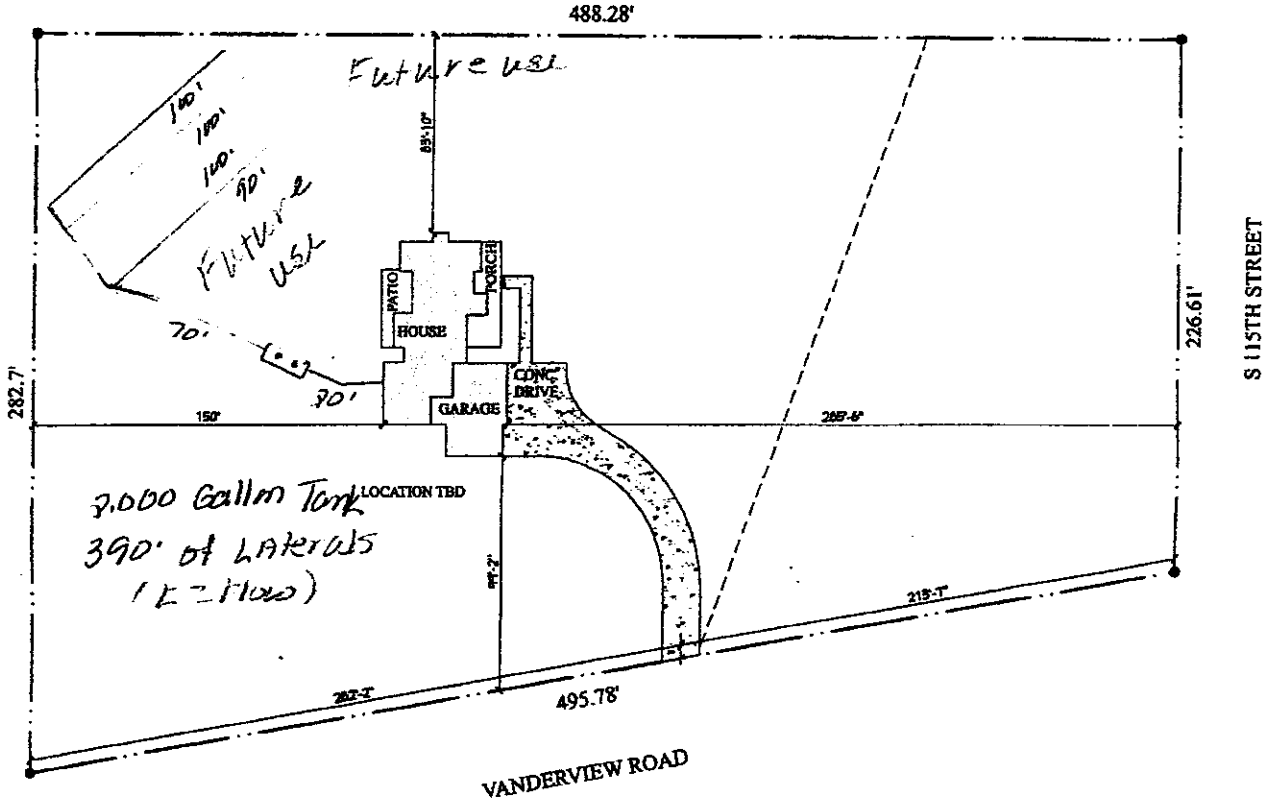
Onsite Form C 12-06

SITE PLAN
SCALE: 1" = 75'-0"

ADDRESS
--
LANCASTER COUNTY

SUBDIVISION
VANDERVIEW RIDGE
ADDITION
BLOCK 1, LOT 3

Builder Initials



NOTE: CONTRACTOR TO VERIFY LOT LINES AND SETBACKS.

DATE:
2/28/2019

These drawings are the proprietary work product and property of VirtuActive, LLC developed for the exclusive use of VirtuActive, LLC. Use of these drawings and concepts contained therein without the written permission of VirtuActive, LLC is prohibited.

To the best of our knowledge these plans are drawn to comply with owner's specifications. The contractor, sub-contractors, suppliers, and/or homeowners shall verify all dimensions and enclosed drawings. Each individual contractor, sub-contractor, and supplier on the job must check all dimensions and other details prior to construction and be solely responsible thereafter. Contractors, sub-contractors, and suppliers are responsible for all code and governing body compliance and all engineering. VirtuActive, LLC will not take responsibility for negligence on the jobsite due to lack of knowledge or lack of plan detail from the sub-contractors. Designer is not an architect or engineer. Size, spacing, and location of structural members, site suitability, and dimensions shall be verified by the contractor, sub-contractors, supplier, and/or homeowner.

VIRTUACTIVE
VirtuActive - 3D Drafting & Design
331 Village Pointe Plaza, Suite 303, Omaha, NE 68118
www.VirtuActive.com | 402.979.8100
Designed by: Tony Elia | tony@virtuactive.com

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. HS001805

System Type: Standard

Situs: No Site Address Specified

Issued: 4/12/2019

Expires: 4/12/2020

Description: VANDERVIEW RIDGE ADDITION, BLOCK 1, Lot 3

Owner: RIDER, MICHAEL SCOTT &
STEFANIE
2304 S MINERAL DR
PAPILLION, NE 68046

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

RAYMOND CONTRACTING INC
13800 NW 70TH ST
RAYMOND, NE 68428

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

SCANNED

A

Permit Number HS 001805

New Construction
Destiny Homes

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 11430 Vanderview Rd (no rural route) City Hickman, NE Zip 68372

Legal Description: NW (1/4) 7 (1/4) Section 7N Township 8E Range Vanderview Ridge Subdivison — Addition — 1 Block 3 Lot

PID 20-07-201-003-000

B. Owner

Name Michael Rider Signature

Address 2304 S Mineral Dr City/State/Zip Papillion, NE 68046

Home Phone 402-318-9671 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

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 9/5/19
Comments
Date rec'd 4/11/19
Date frwd 4/11/19
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 Doug Ahlers
9/5/19

Business Office Use Only
Date Received 4-10-19 Amount Paid $420.00
JAO #9599

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

Exhibit 5

Permit Number: HS001805

Onsite Wastewater Treatment System

Inspection Sheet

Date 9/5/19

Legal Description Vanderview Ridge Blk 1, Lot 3
¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 11430 Vanderview Rd. 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 1,755 Sq. Ft. required 2,250 installed Tank Size 2,000 gals

Total length of laterals 500' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E-Z Flow

No. of Absorption Laterals 4 Width 4.5 facta 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 NA

Lateral #1 _____ Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial DJ Date 9/5/19

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Doug Imbeck

Date 9/5/19

Field Note Drawing (See Reverse Side):

7-8 sec 07

D Exhibit 4

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

Permit Number: HS001805

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 PID = 20-07-201-003-000

Address or Legal Description or Parcel Identification Number (PID) 11430 Vanderview Rd, Hickman, NE 68372

Owner: Michael S Rider Address 2304 S Mineral Dr, Papillion, NE 68046

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 86 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2,000g
3. Depth to top of tank, below unfinished grade: 12 in.
4. Distance to:
   - Well 75 ft.+
   - Pressure line N/A ft
   - Property Line 30 ft.+
   - Foundation 75 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 37 ft. N
(Drainfield Control Valve)

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other
   Material brand and inside width of Chamberless: EZFlow 1203H Bundles With Gravel
2. Number of Laterals: 4 (Trench 42" wide, 4' to 5' deep)
3. Length of each latara! (linear): ft. 120 ft. 130 ft. 120 ft. 130
4. Drainfield size: 1,750 sq. ft.
5. Distance to:
   - Well 100 ft.+
   - Pressure line N/A ft.
   - Property line 10 ft.+
   - Depth of Groundwater >10'

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No (Partially)

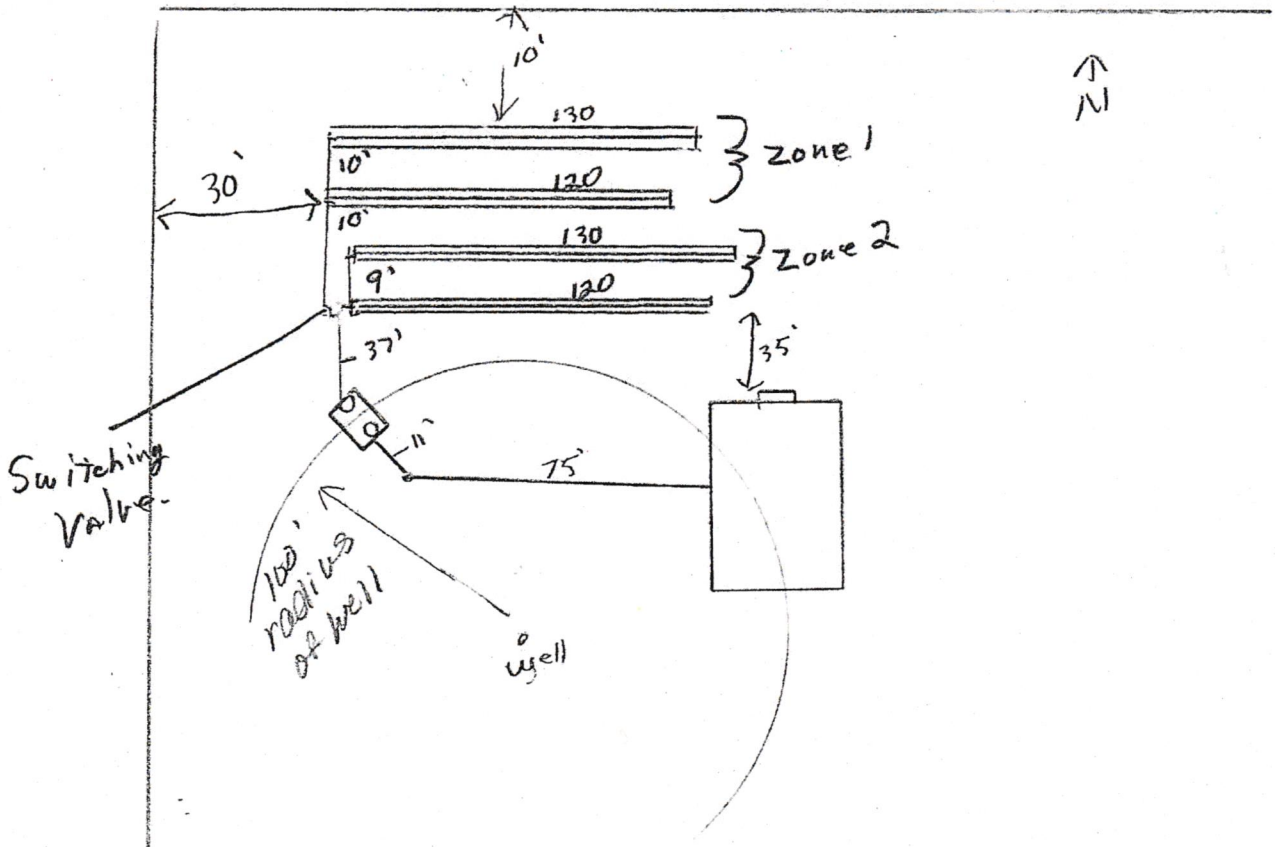
If Yes, the Certified Professional must sign below for final approval:

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: Russ Lakowski Date: 9/5/19

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

Updated 4/15



pump To
Future Site

Raymond Contracting, Inc.
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663

9/5/2019

11430 Vanderview Rd
Hickman, NE 68372
5 Bedroom
4 - disposal
4 - DISor Jetted Tub