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

REC'D APR 17 2020

A

Permit Number
#5001983

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

Address* 5100 S 98th St (no rural route) City Lincoln, NE Zip 68526

Legal Description S12 T9 R7 49
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 16-12-300-005-000 *Approx. Address (If to be determined)

B. Owner

Name Chad Buhr Signature

Address 15893 S 134th Rd City/State/Zip Adams, NE 68301

Home Phone Work Phone 402-520-2599

C. Certified Installer

Name: Brandon Sedlacek Signature Brandon Sedlacek

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 8 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 43
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 4-20-20 Amount Paid $430.00
Received By SAD Cash/Check No. 1892

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

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 5100 S 98th St City Lincoln NE, Zip 68526

(no rural route)

Owner Chad Buhr Address 15893 S 134th Rd

Date of Tests 4-9 to 4-10 Weather: Precipitation 0" Temperature 75°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					L. M. N. 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	32	4-9	1pm	4-10	1pm	4-10	1pm	6	4-10	1:30pm	30	1/2"	60 mpi
2	32	4-9	1pm	4-10	1pm	4-10	1:02pm	6	4-10	1:32pm	30	1/2"	60 mpi
3	32	4-9	1pm	4-10	1pm	4-10	1:04pm	6	4-10	1:34pm	30	5/8"	48 mpi
4	32	4-9	1pm	4-10	1pm	4-10	1:06pm	6	4-10	1:36pm	30	1/2"	60 mpi
5	32	4-9	1pm	4-10	1pm	4-10	1:08pm	6	4-10	1:38pm	30	3/4"	40 mpi
6	32	4-9	1pm	4-10	1pm	4-10	1:10pm	6	4-10	1:40pm	30	5/8"	48 mpi
7	32	4-9	1pm	4-10	1pm	4-10	1:12pm	6	4-10	1:42pm	30	1/2"	60 mpi
8	32	4-9	1pm	4-10	1pm	4-10	1:14pm	6	4-10	1:44pm	30	3/4"	40 mpi

Person Conducting Percolation Test

Name: Brandon Sedlacek

Phone: 402-988-8425

Address: 11185 E St Hwy 41

Adams, NE 68301

Soil type (NRCS Maps/Other) Silty Clay

Groundwater Depth 7 10'

Sum of Percolation Rates: 416 ÷ 8

Average of Rates: 52 mpi

Rate Used for Calculation: 51-60 mpi

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

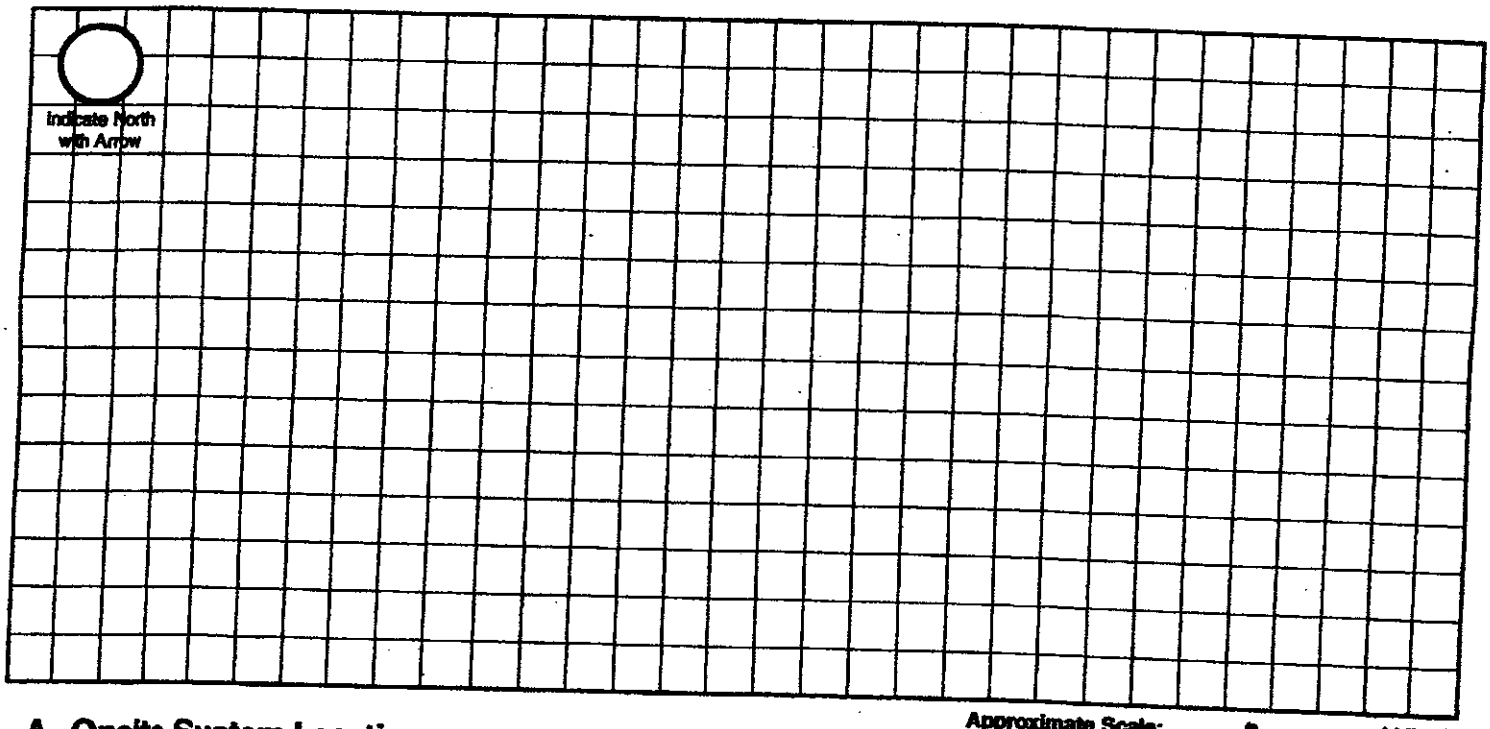
C

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) 5100 S 98th St City Lincoln NE, Zip 68526

B. Proposed Septic Tank/s

Septic Tank Cap. 1000 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 52 (min/inch = mpi) No. of Bedrooms 8 Soil Type_____ Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 2835 sq.ft.

Total length of laterals 630 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZ Flow

No. of absorption trenches 5 Width 36" No. of drop boxes_____ 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_____

Installer Brian Bedell Date 4-14-20

Google Maps 5100 S 98th St



Imagery ©2020 Maxar Technologies, U.S. Geological Survey, Map data ©2020 50 ft

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. HS001983

System Type: Standard

Situs: No Site Address Specified

Issued: 4/20/2020

Expires: 4/20/2021

Description: S12, T9, R7, 6th Principal Meridian, LOT 49 SW

Owner: CHAD BUHR CONSTRUCTION LLC
15893 S 134 RD
ADAMS, NE 68301

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
Interim Health Director

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

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

REC'D APR 17 2020

SCANNED

A

Permit Number
#3001983

Onsite Wastewater Treatment System Permit Application

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

Type of Wastewater ☐ Domestic ☐ Non-Domestic

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Site visits
Comments
Date rec'd 4/20/20
Date frwd 4/20/20
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 5/8/20

Business Office Use Only
Date Received 4-30-20 Amount Paid $430.00
Received By SAO Cash/Check No. 1612

spoke to contractor prior to issuing permit - DA

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

Form A Updated: 4/15

As designed, system requires dosing.

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

Permit Number: HS00/1983

Onsite Wastewater Treatment System

Inspection Sheet

Date 5/8/20 Legal Description _____

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 5100 S. 98th City _____

Owner _____ Address _____

Mark One: X Dwelling ☐ Non-dwelling

X New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

_____

Drainfield Absorption System:

X Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 2250 Sq. Ft. Tank Size 3000 gals

Total length of laterals 500' Type of Distribution: ☐ Chamber ☐ Perforated Pipe X Other (describe) E2-Flow

No. of Absorption Laterals 4 Width 3' No. of Drop Boxes 2 Distribution Box _____

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 _____ Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial PF Date 5/5/20

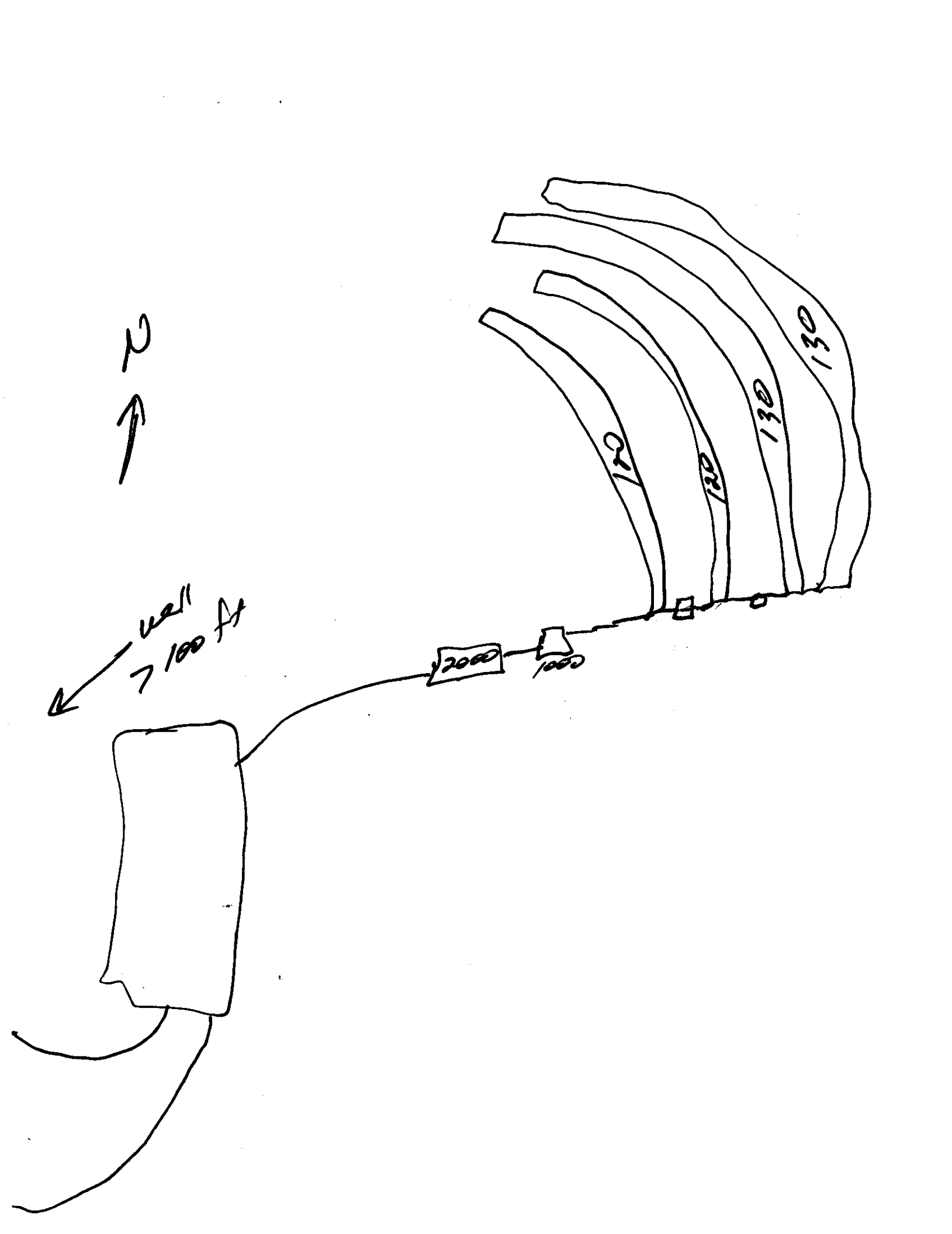
Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By _____

Date 5/8/20

Field Note Drawing (See Reverse Side):


N
120
120
130
130
well
> 100 ft
2000
1000

Nate C. Hartman

From: Chad Buhr <cbuhr04@gmail.com>
Sent: Monday, April 27, 2020 3:11 PM
To: Nate C. Hartman
Subject: 5100 S 98th St

CAUTION: This email comes from a sender outside your organization.

Good afternoon Nate,

The property at 5100 S 98th will be sold as a 6 bedroom 4 1/2 bath home on just over 4 acres. Please let me know if there are any other questions. Thanks for you time.

Liz and Chad Buhr

402-499-6413