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

A

Permit Number HS002049

Existing Home

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 2501 NW 40th St (no rural route) City Lincoln, NE Zip 68522

Legal Description SE 1/4 SE 1/4 31 Section 10N Township 6E Range ____ Subdivison ____ Addition 1 Block ____ Lot

PID 10-31-400-002-000

B. Owner

Name Brandon R Wilkie Signature [signature]

Address 2501 NW 40th St City/State/Zip Lincoln, NE 68522

Home Phone 402-525-2128 Work Phone ____

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature [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 4 Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 3.01

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 7-10-20 Amount Paid $430.00
Received By [signature] Cash/Check No. 8917

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 2501 SW 40th St (no rural route) City Lincoln NE, Zip 68522

Owner Brandon Wilkie Address Same

Date of Tests 4/21/20 to 4/22/20 Weather: Precipitation 0 Temperature 70°

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	24	4/21	12:00p	4/22	12:00p	4/22	3:30p	6	4/22	4:00p	30	1-1/2	20
2	26	"	"	"	"	"	"	6	"	"	"	1-1/2	20
3	35	"	"	"	"	"	"	6	"	"	"	1/2	60
4	35	"	"	"	"	"	"	6	"	"	"	5/8	48
								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

Sum of Percolation Rates: 148

Average of Rates: 37

Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Aksarben SCL

Groundwater Depth >8'

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

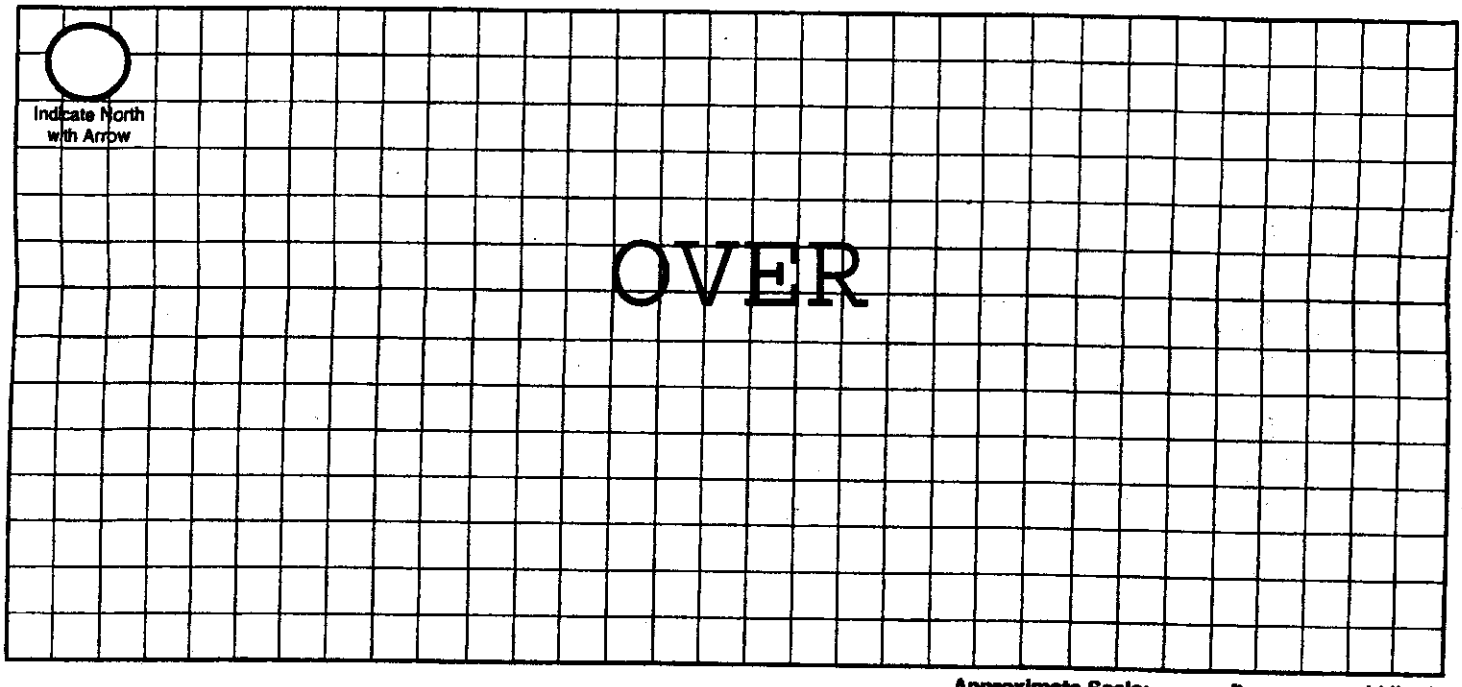
C

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) 2501 NW 40th St City Lincoln NE, Zip 68522

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 (percoloation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 4 Soil Type Aksarben SCL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,440 sq.ft.

Total length of laterals 320 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 ☐	☐

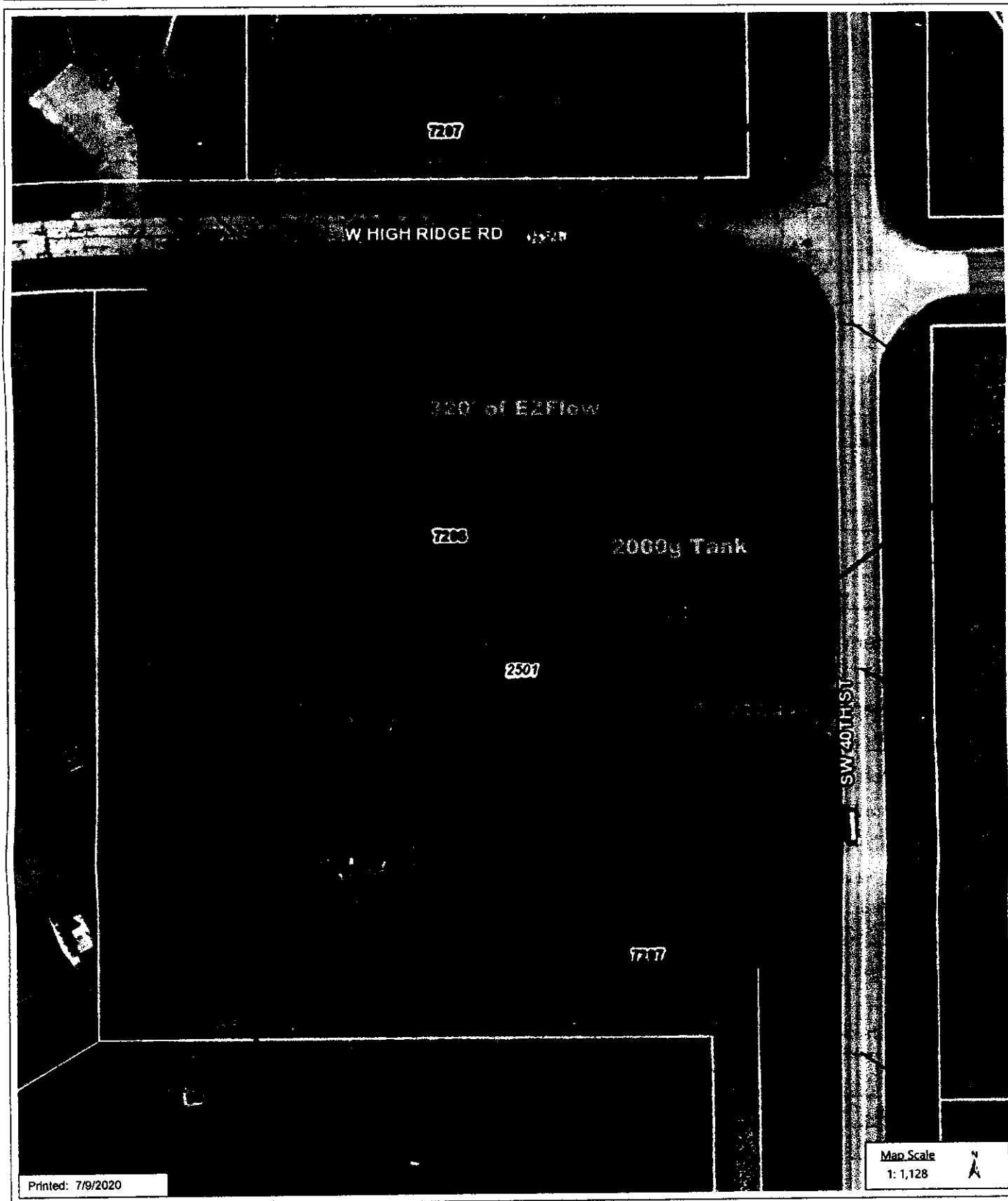
F. Required Signatures

Home Building Contractor Existing Home Date_____

Installer [signature] Date 7/9/20

GIS Viewer
CITY OF LINCOLN-LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



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.

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

SCANNED

A

Permit Number HS002049

Existing Home

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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Approval Process ☐ Municipal Code 24.38 ☑ County Resolution No. 02-30

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Site visits ____ Date rec'd 7/13/20 ACTION ☑ Approved ☐ Disapproved

Date frwd 7/13/20 Signature [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 [signature]

Date 9/3/20

Business Office Use Only

Date Received 7-10-20 Amount Paid $430.00

Received By JAC Cash/Check No. 04917

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

Nate C. Hartman

From:	Terri Jakoubek <jakoubek63@windstream.net>
Sent:	Monday, August 31, 2020 4:55 PM
To:	Nate C. Hartman
Cc:	Doug R. Smith
Subject:	2501 SW 40th St D-Sheet
Attachments:	2501 SW 40th St D-Sheet.pdf

[CAUTION] This email comes from a sender outside your organization.

2501 SW 40th St D-Sheet is attached. Don't have a receipt with number for some reason, also A Sheet has NW 40th St on it instead of SW 40th St and it was taken out 7/19/20.

Thanks,

Terri Jakoubek
Raymond Contracting, Inc.
13800 NW 70th St
Raymond, NE 68428
402-783-2663 (Office)
402-890-3870 (Mobile)
jakoubek63@windstream.net

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 PID = 10-31-400-002-000

Address or Legal Description or Parcel Identification Number (PID) 2501 SW 40th St, Lincoln, NE 68522

Owner: Brandon Wilkie Address 2501 SW 40th St, Lincoln, NE 68522

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 59 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000
3. Depth to top of tank, below unfinished grade: 12 in.
4. Distance to:
   Well 100 ft.+
   Pressure line N/A ft
   Property Line 80 ft.+
   Foundation 40 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 10 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
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 80 ft. 80 ft. 80 ft. 80
4. Drainfield size: 1,440 sq. ft. (1400 Req'd)
5. Distance to:
   Well 100 ft.+
   Pressure line N/A ft.
   Property line 20 ft.+
   Depth of Groundwater >8'

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

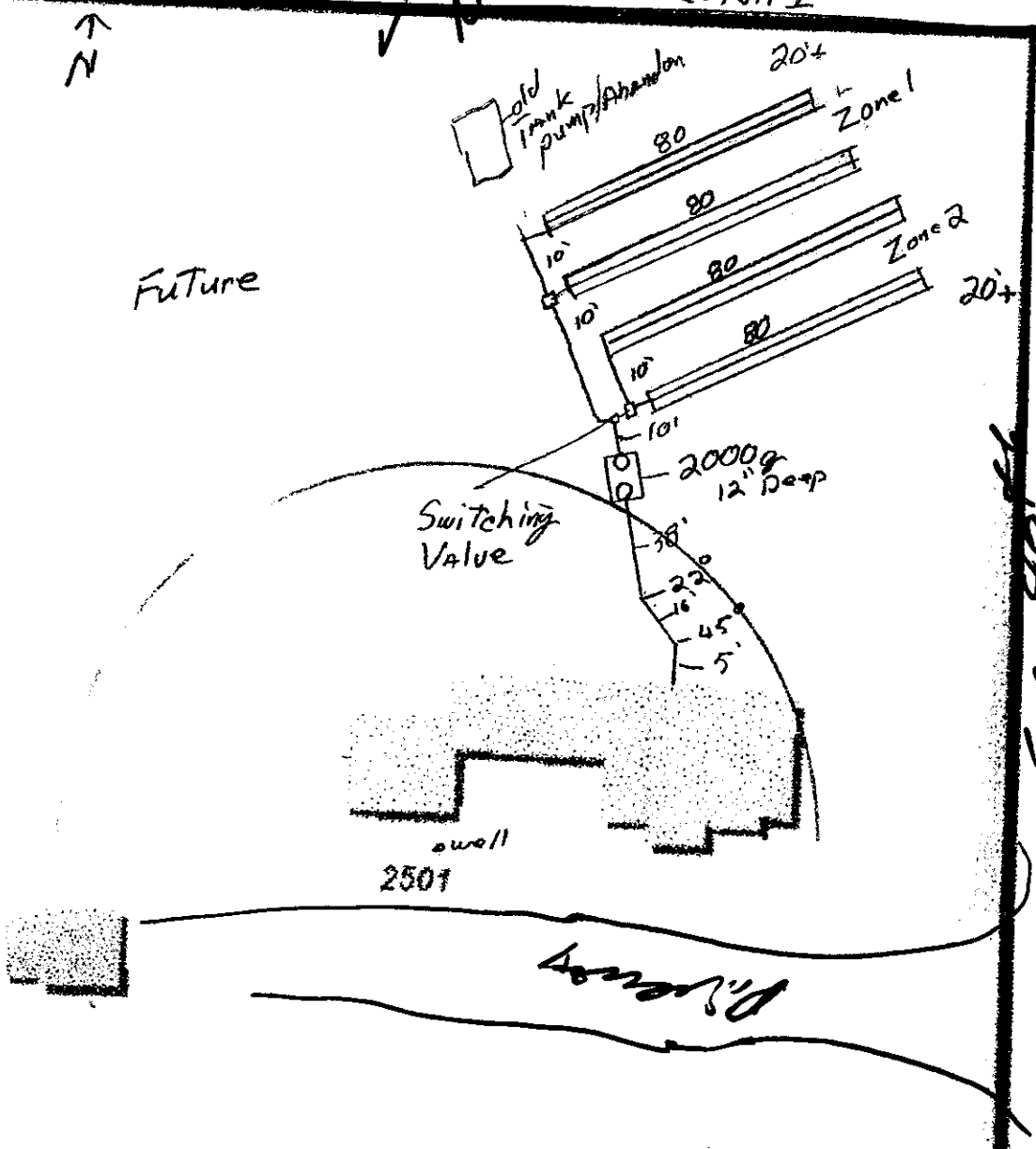
If Yes, the Certified Professional must sign below for final approval:

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: Kevin L. Dahlgren Date: August 24, 2020

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

4 Bed Room
yes / yes.
60 MPI



2501 SW 40TH. ST.
Lincoln NE 68522
8/24/2020

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