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

A

Permit Number HS 0018098

New Construction

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 8081 SW 24th St (no rural route) City Lincoln, NE Zip 68523

Legal Description SW (1/4) 21 (1/4) 9N (Section) R6 (Township) Cedar Ridge Addition (Range) 1 (Subdivison) (Addition) (Block) (Lot)

PID 09-21-302-001-000

B. Owner

Name Daniel J Hadwiger Signature [signature]

Address 7701 SW 17th St City/State/Zip Lincoln, NE 68523

Home Phone 512-965-9052 Work Phone [illegible]

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 6 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 9-20-19 Amount Paid $430.00
Received By JAO Cash/Check No. CC 0207

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

Form A Updated: 1/13

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 SW 24th St (no rural route) City Lincoln NE, Zip 68523

Owner Daniel Hadwiger Address 7701 SW 17th St, Lincoln, NE 68523

Date of Tests 6/17/19 to 6/18/19 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			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	60	6/18	10:00a	6/18	2:00p	6/18	11:30a	6	6/18	12:00p	30	1-1/2	20
2	60	"	"	"	"	"	"	6	"	"	"	2-3/4	11
3	60	"	"	"	"	"	"	6	"	"	"	13/16	37
4	60	"	"	"	"	"	"	6	"	"	"	1-1/8	27
								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: 95
Average of Rates: 24
Rate Used for Calculation: 37 (20 mpi variance)

Soil type (NRCS Maps/Other) Wymore SCL/Pawnee SCL (sandy at 5' deep)
Groundwater Depth >10' - closest well static water level @ 68'

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

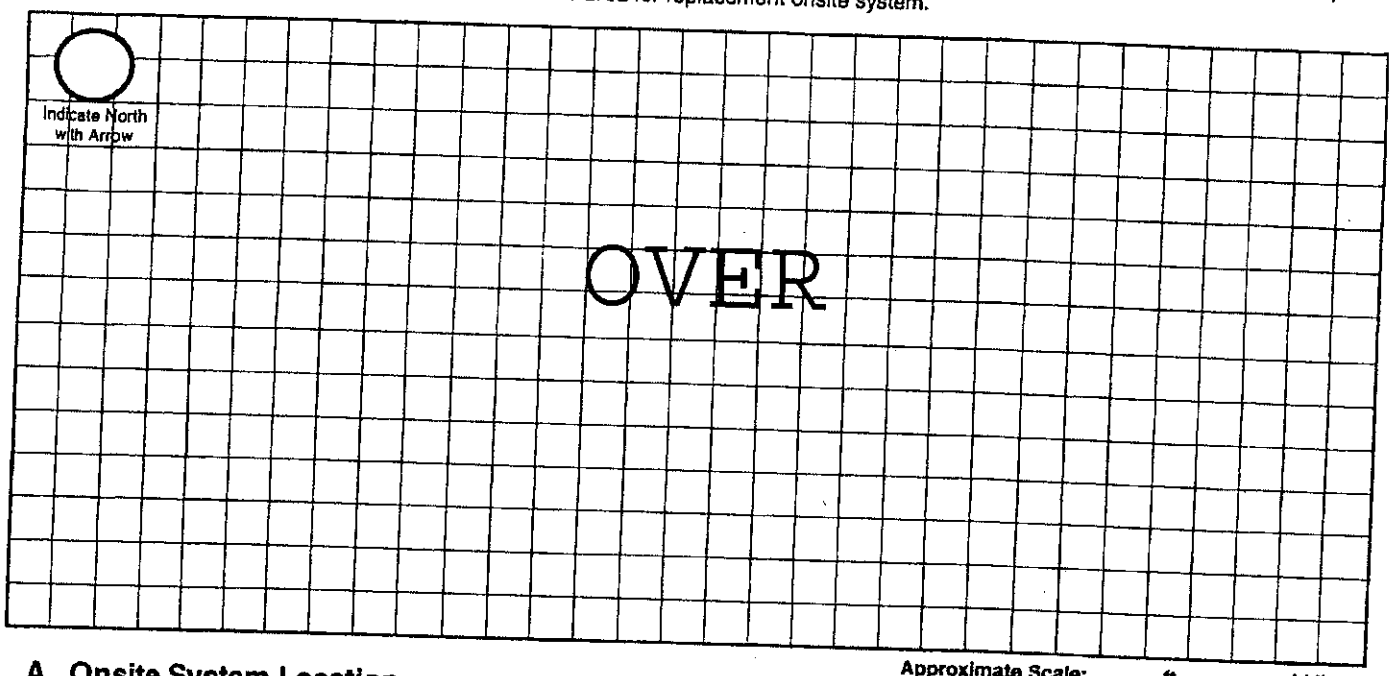
C

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) 8081 SW 24th St City Lincoln NE, Zip 68523

B. Proposed Septic Tank/s

(1-1500g & 1-1000g)

Septic Tank Cap. 2,500 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 37 (min/inch = mpi) No. of Bedrooms 6 Soil Type SCL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,666 sq.ft.

Total length of laterals 500 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H with gravel

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_____ Date 9/17/19

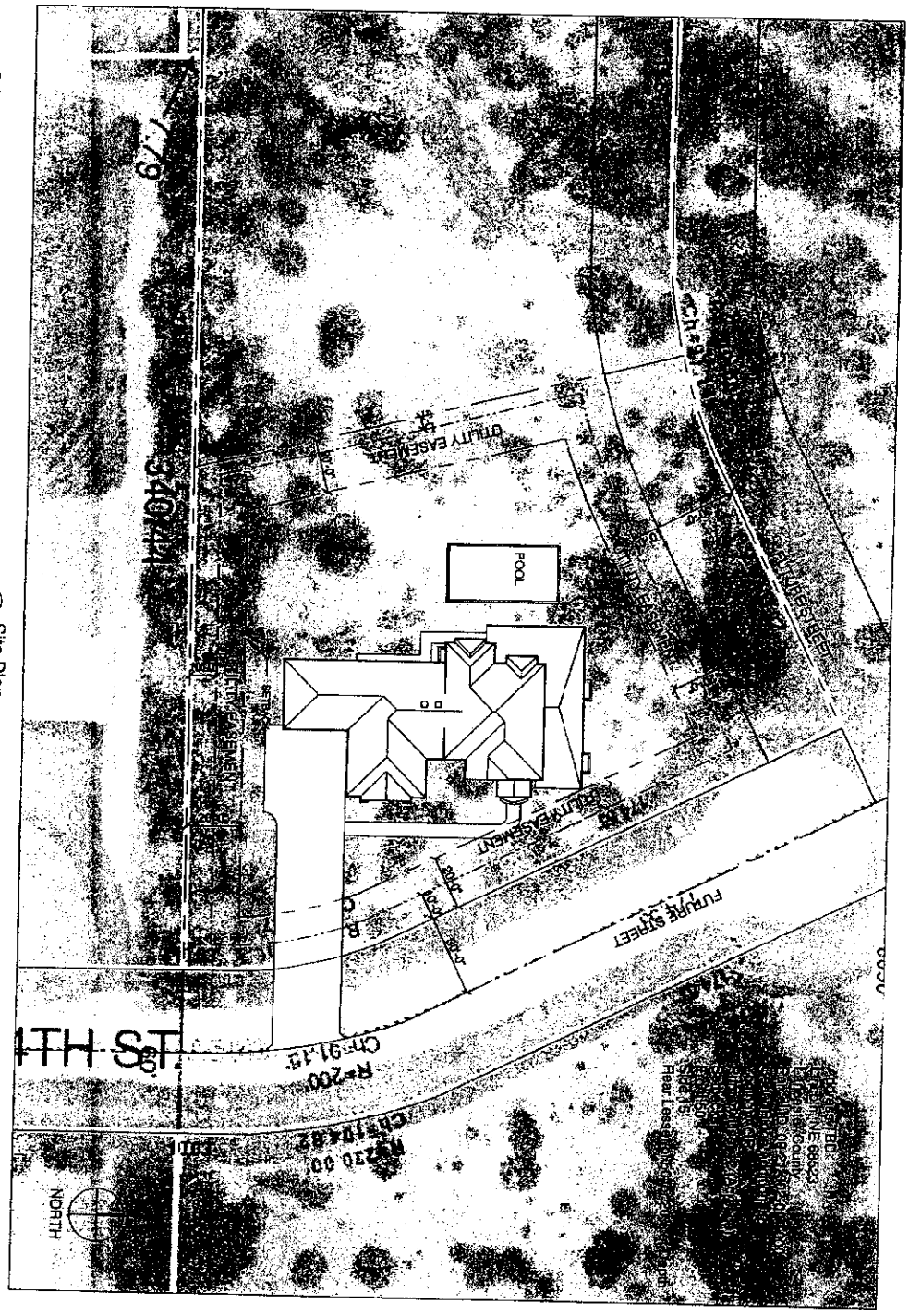
Installer [signature] Date 9/16/19

Onsite Form C 12-06

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No Interiors, Exterior Black and White

6 Bedrooms
Y Disposal
Y O/S Tub



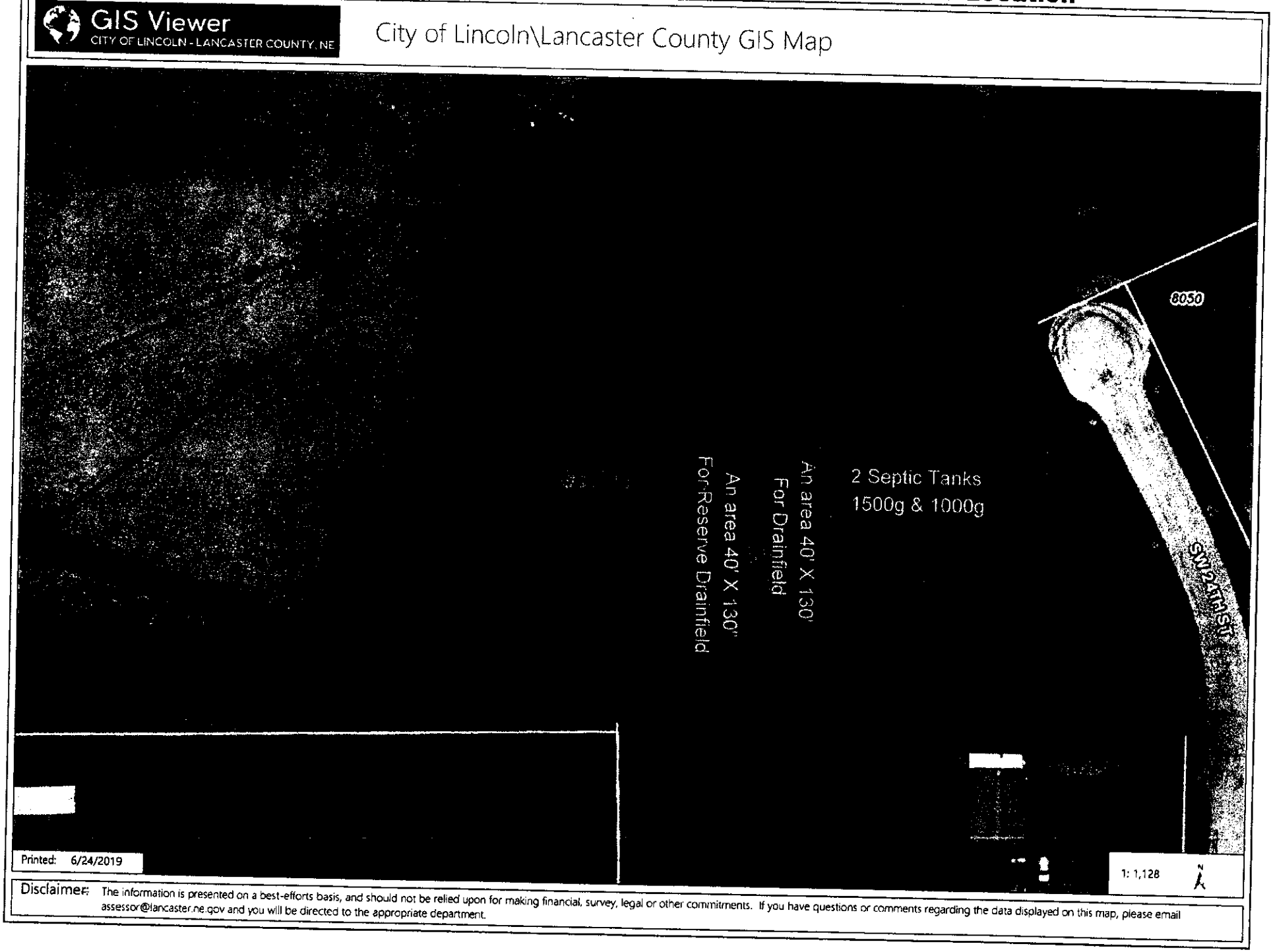
1 Site Plan
1" = 40'-0"

SW1/4 S21-T9N-R6E

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DAN & CHELSEA HADWIGER RESIDENCE	Authenticity, LLC Lincoln, NE (402) 570-1780 michelliempenn@gmail.com Michelle Penn, AIA	SITE PLAN	SCH-1
		Project number 0918 Date 05/11/19	Scale 1" = 40'-0" 5/11/2019 8:40:23 PM

Cedar Ridge Addition, Lot 1 - Septic System Area & Reserve Location



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. HS001898

System Type: Standard

Situs: 8081 SW 24 ST, LINCOLN, NE 68523

Issued: 9/23/2019

Expires: 9/23/2020

Description: CEDAR RIDGE ADDITION, Lot 1

Owner: HADWIGER, DANIEL J & CHELSEA M
7701 SW 17 ST
LINCOLN, NE 68523

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

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

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

SCANNED

A

Permit Number HS 001898

New Construction

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 8081 SW 24th St (no rural route) City Lincoln NE Zip 68523

Legal Description SW 21 9N R Cedar Ridge Addition 1
1/4 1/4 Section Township Range Subdivision Addition Block Lot

PID 09-21-302-001-000

B. Owner

Name Daniel J Hadwiger Signature

Address 7701 SW 17th St City/State/Zip Lincoln, NE 68523

Home Phone 512-965-9052 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 6 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. 02-39

1. Health Department
Site visits 5/21/20
Comments
Date rec'd 9/23/19
Date frwd 9/24/19
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 Rhuer
Date 6/1/20

Business Office Use Only
Date Received 9-20-19 Amount Paid $430.00
Received By JAO Cash/Check No. CC 0287

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

Form A Updated: 1/13

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

Exhibit 5

Permit Number: HS001898

Onsite Wastewater Treatment System

Inspection Sheet

Date 6/1/20

Legal Description _____ ¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 8081 SW 24th 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 1,800 Sq. Ft. Tank Size 2500 – two tank 1,500 → 1,000 gals

Total length of laterals 400' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E-Z flow

No. of Absorption Laterals 4 Width 4.5 factor No. of Drop Boxes _____ 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 NA

Lateral #1 _____ Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial DE Date 5/26/20

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Casey Thurber

Date 6/1/20

Field Note Drawing (See Reverse Side):

Updated 4/15

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: HS001898

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 = 09-21-302-001-000

Address or Legal Description or Parcel Identification Number (PID) 8081 SW 24th St, Lincoln, NE 68523

Owner: Daniel Hadwiger Address 7701 SW 17th St, Lincoln, NE 68523

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 169 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 1000g + 1500g
3. Depth to top of tank, below unfinished grade: 36-30 in.
4. Distance to:
   Well 100 ft.+
   Pressure line N/A ft
   Property Line 20 ft.+
   Foundation 100 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 323 ft. S&W
(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. 100 ft. 100 ft. 100 ft. 100
4. Drainfield size: 1,800 sq. ft.
5. Distance to:
   Well 100 ft.+
   Pressure line N/A ft.
   Property line 7 ft.+
   Depth of Groundwater 7'

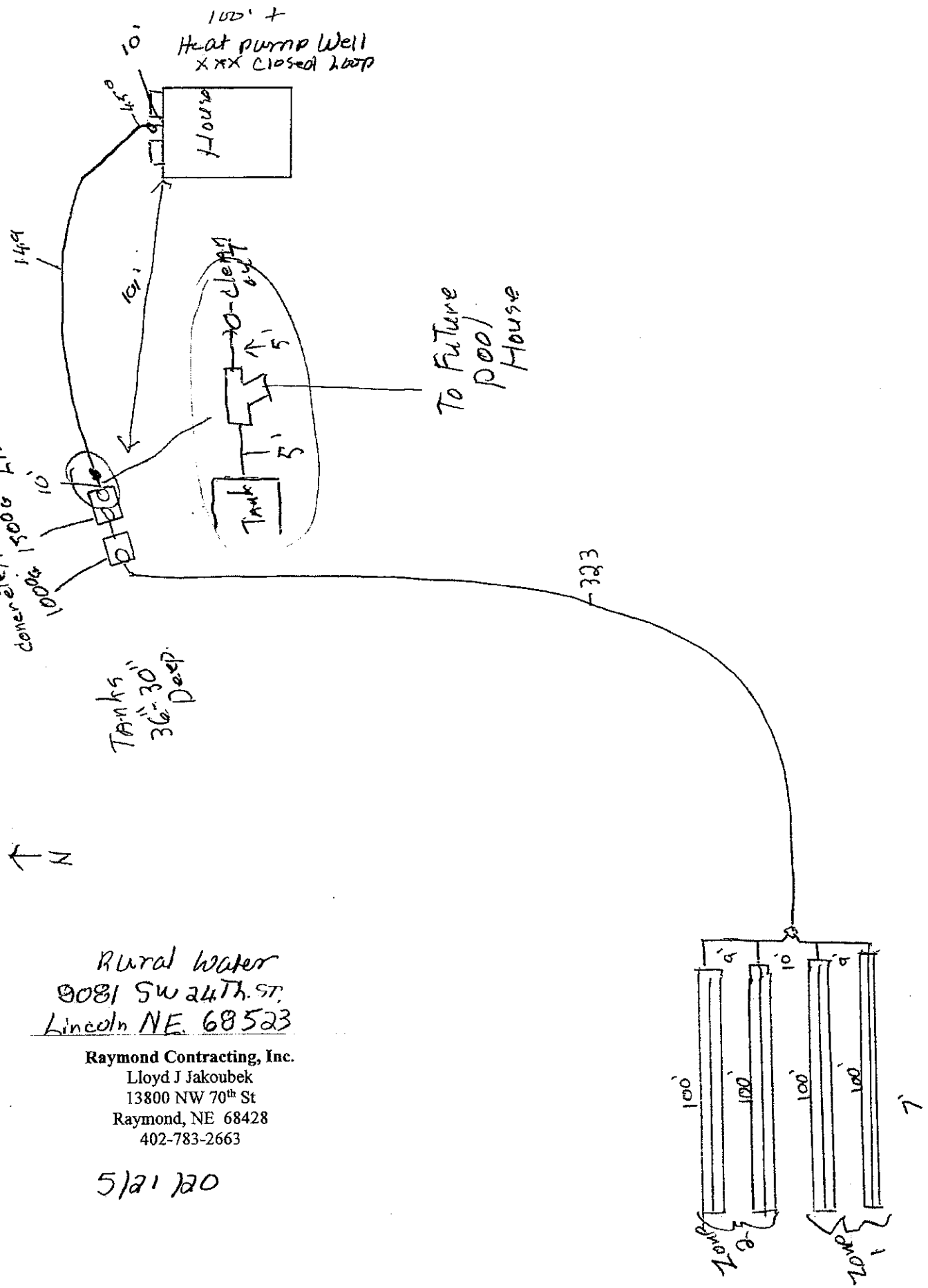
Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No (Partially)

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 Johnson Date: 5/21/20

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



Rural Water
9081 SW 24th. St.
Lincoln NE. 68523

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

5/21/20

Revised Per Test & Plan)

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 8081 SW 24th St (no rural route) City Lincoln NE, Zip 68523

Owner Daniel Hadwiger Address 7701 SW 17th St, Lincoln, NE 68523

Date of Tests 4/6/20 to 4/7/20 Weather: Precipitation 0 Temperature 77°

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	22	4/6	12:00p	4/7	11:00a	4/7	2:00p	6	4/7	2:30p	30	13/16	37
2	23	"	"	"	"	"	"	6	"	"	"	1	30
3	24	"	"	"	"	"	"	6	"	"	"	11/16	44
								6					
								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) Kennebec SL
Groundwater Depth 8'

Sum of Percolation Rates: 111
Average of Rates: 37
Rate Used for Calculation: 37

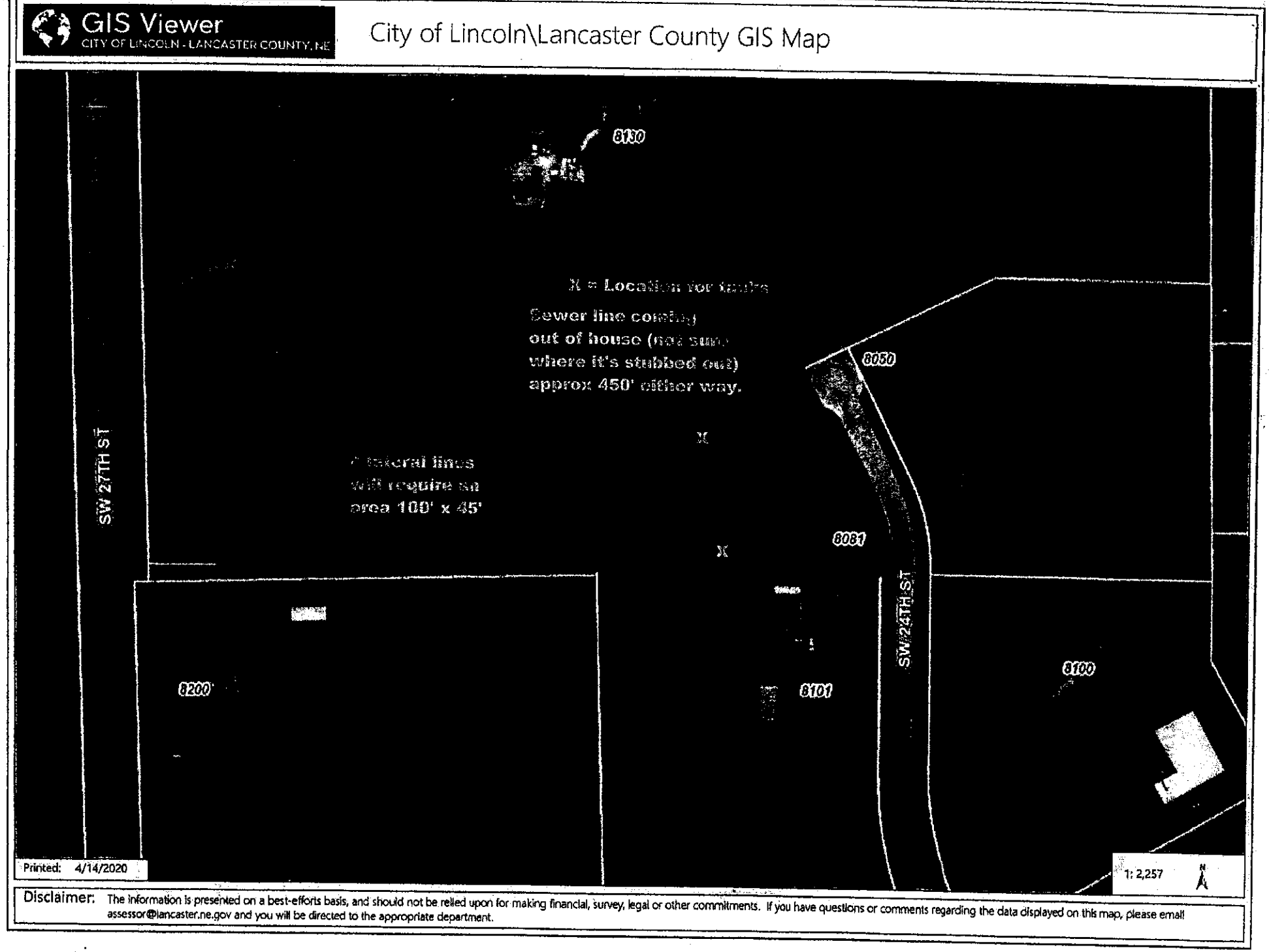
DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

Daniel Hadwiger 8081 SW 24th St, Lincoln, NE 68523

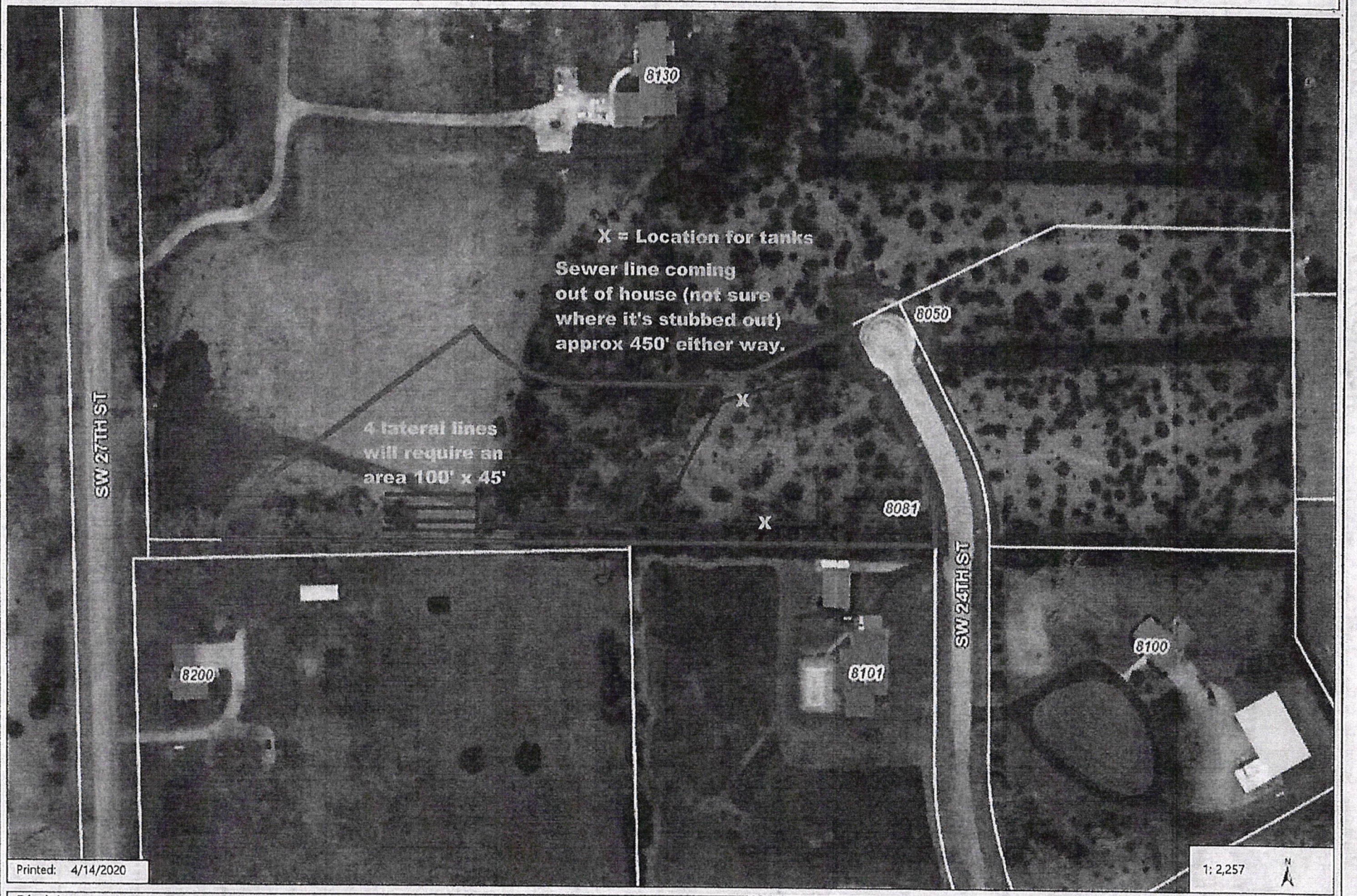


Disclaimer: The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email assessor@lancaster.ne.gov and you will be directed to the appropriate department.

Daniel Hadwiger 8081 SW 24th St, Lincoln, NE 68523

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



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SCANNED

Cedar Ridge Addition, Lot 1 - Septic System Area & Reserve Location

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



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SCANNED