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

A

Permit Number HS002074

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 15565 NW 40th St (no rural route) City Raymond, NE Zip 68428

Legal Description NE (1/4) SE (1/4) 31 (Section) 12N (Township) 6E (Range) ____ (Subdivison) ____ (Addition) 42 (Block) ____ (Lot)

PID 13-31-400-010-000

B. Owner

Name Myron R Thomsen Signature [signature]

Address 15565 nw 40th st. City/State/Zip Raymond, Ne 68428

Home Phone 402-610-6559 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 3 Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 20.01

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 ____ Date frwd ____
ACTION ☐ Approved ☐ Disapproved
Signature ____
Comments ____

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 8-11-20 Amount Paid $430.00
Received By JAO Cash/Check No. CC5040

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 15565 NW 40th St (no rural route) City Raymond NE, Zip 68428

Owner Myron Thomsen Address 5400 W Mill Rd, Raymond, NE 68428

Date of Tests 8/29/18 to 8/30/18 Weather: Precipitation 0 Temperature 67°

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	8/29	9:00a	8/29	1:00p	8/30	1:00p	6	8/30	1:30p	30	9/16	53
2	24	"	"	"	"	"	"	6	"	"	"	1/2	60
3	28	"	"	"	"	"	"	6	"	"	"	1-1/8	27
4	24	"	"	"	"	"	"	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: 167

Average of Rates: 42

Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Steinauer Loam

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

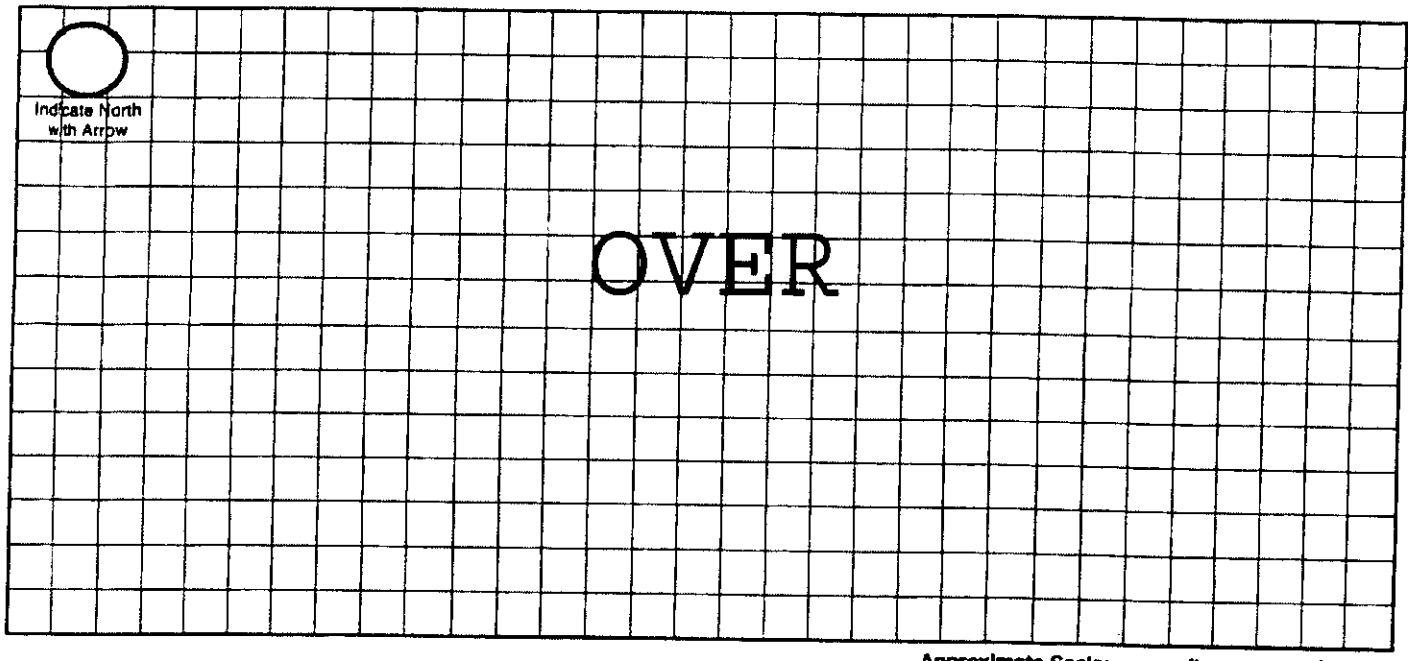
C

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) 15565 NW 40th St City Raymond NE, Zip 68428

B. Proposed Septic Tank/s

Septic Tank Cap. 1,500 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 60 (min/inch = mpi) No. of Bedrooms 3 Soil Type Steinauer Loam/Shelby CL Land Slope _____ %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,080 sq.ft.

Total length of laterals 240 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 4 Width 40" No. of drop boxes 2 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 _____

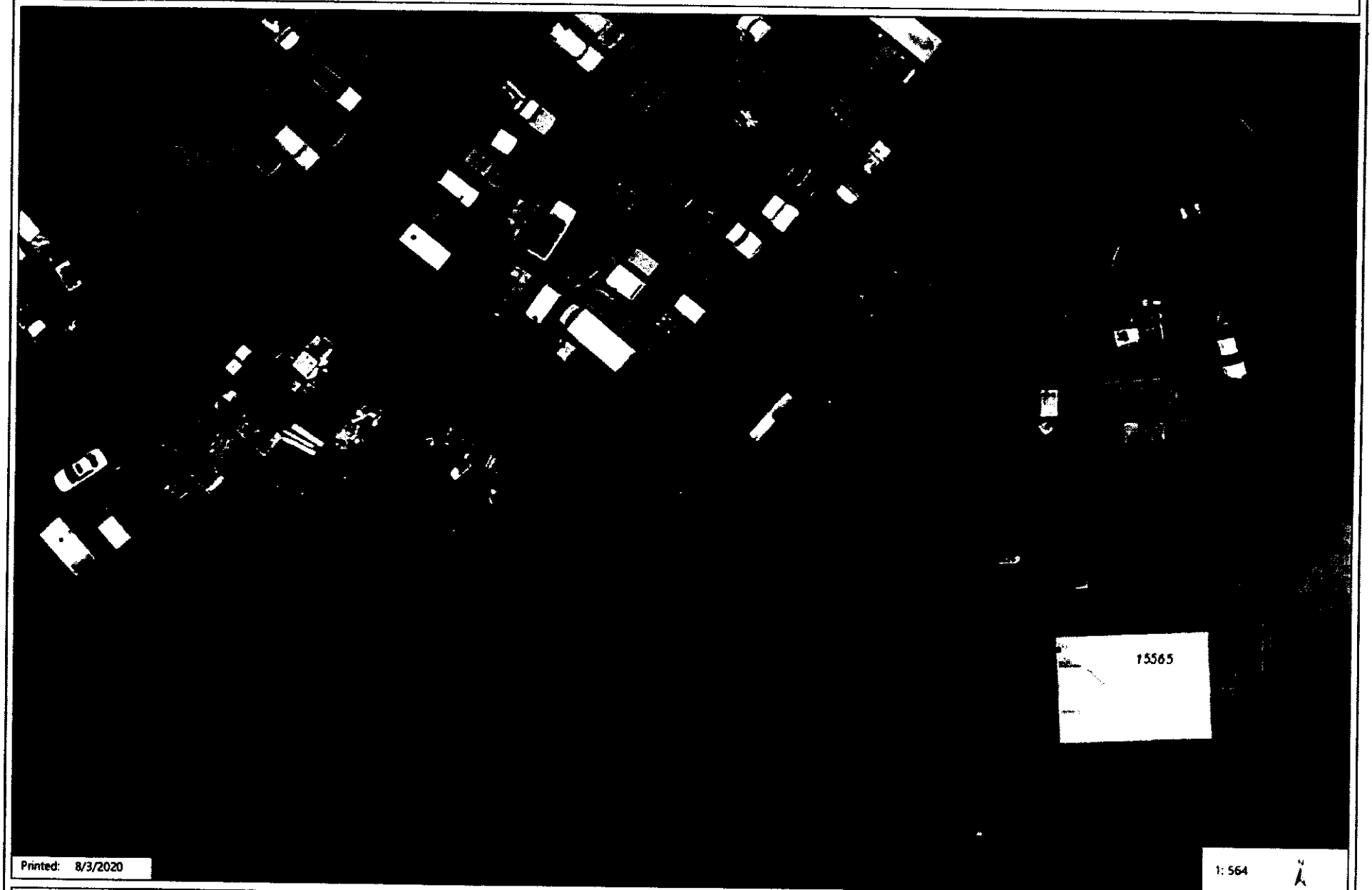
Installer _____ Date 8/3/20

Onsite Form C 12-06

15565 NW 40th St, Raymond, NE 68428

GIS Viewer

City of Lincoln\Lancaster County GIS Map



Printed: 8/3/2020

1: 564

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 (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS002074

System Type: Standard

Situs: No Site Address Specified

Issued: 8/13/2020

Expires: 8/13/2021

Description: S31, T12, R6, 6th Principal Meridian, LOT 42 SE

Owner: THOMSEN, MYRON
15565 NW 40 ST
RAYMOND, NE 68428

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

SCANNED

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

A

Permit Number HS002074

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.

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A. Onsite System Location

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Legal Description NE (1/4) SE (1/4) 31 (Section) 12N (Township) 6E (Range) ____ (Subdivison) ____ (Addition) ____ (Block) 42 (Lot)

PID 13-31-400-010-000

B. Owner

Name Myron R Thomsen Signature [signature]

Address 15565 nw 40th st. City/State/Zip Raymond, Ne 68428

Home Phone 402-610-6559 Work Phone ____

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature [signature]

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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 3 Whirlpool Bathtub? ☑ Yes ☐ No Garbage Grinder? ☐ Yes ☑ No Total Acres 20.01

☐ 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. 02-60

1. Health Department
Site visits ____ Date rec'd 8/13/20 Date frwd 8/13/20 ACTION ☑ Approved ☐ Disapproved
Signature [signature]
Comments ____

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 [signature]
Date 10/2/20

Business Office Use Only
Date Received 8-11-20 Amount Paid $430.00
Received By JAO Cash/Check No CC5040

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
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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: 402-441-8643

D Exhibit 4

Permit Number: HS002074

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 = 13-31-400-010-000

Address or Legal Description or Parcel Identification Number (PID) 15565 NW 40th St, Raymond, NE 68428

Owner: Myron Thomsen Address 15565 NW 40th St, Raymond, NE 68428

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 92 ft. (new line)

B. Septic Tank

1. Material Concrete
2. Capacity: 1500g
3. Depth to top of tank, below unfinished grade: 18 in.
4. Distance to:
   Well 106 ft.
   Pressure line N/A ft
   Property Line 25 ft.+
   Foundation 90 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 4 ft. W

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. 60 ft. 60 ft. 60 ft. 60
4. Drainfield size: 1080 sq. ft.
5. Distance to:
   Well 100 ft.+
   Pressure line N/A ft.
   Property line 25 ft.+
   Depth of Groundwater >6'

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

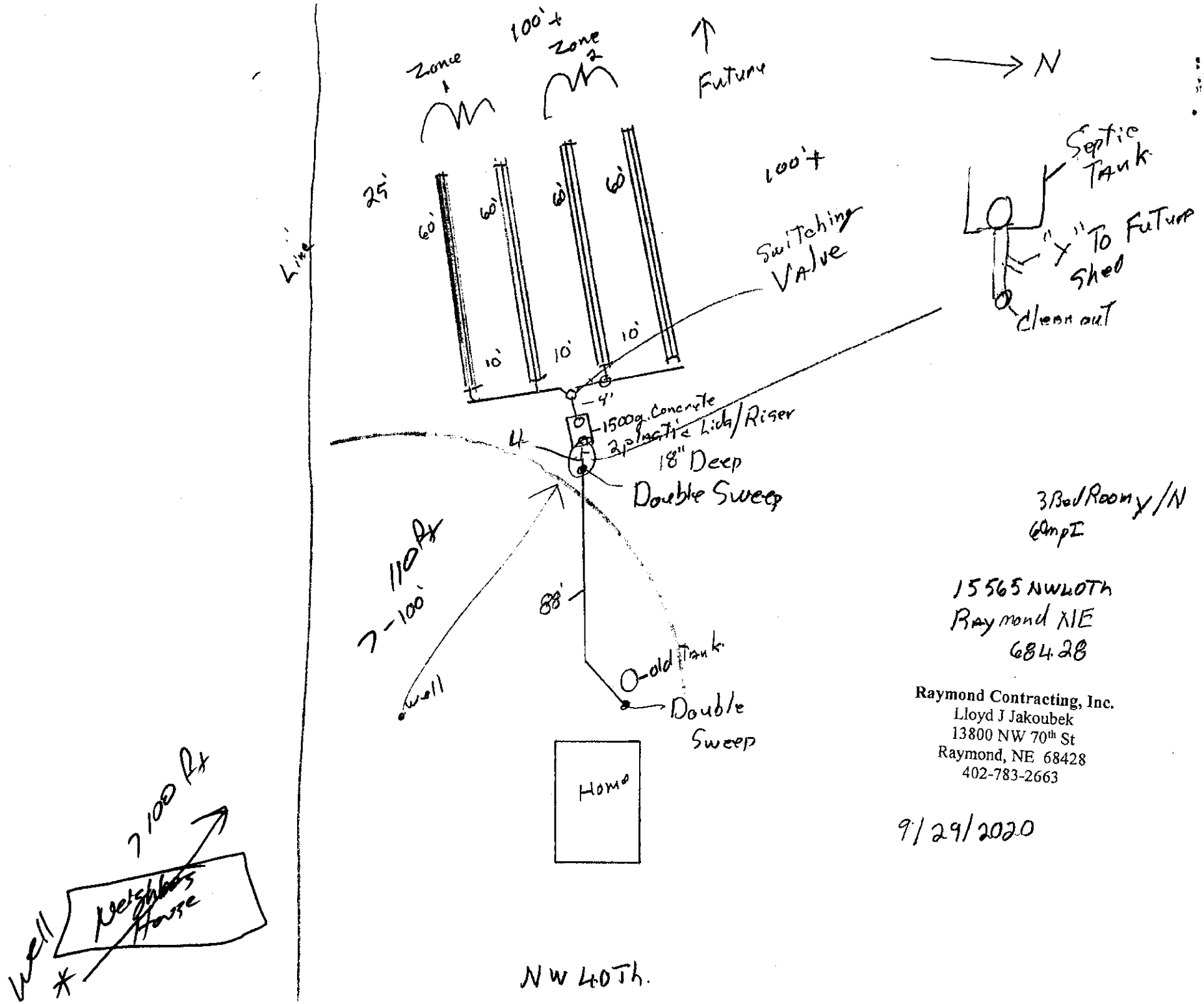
If Yes, the Certified Professional must sign below for final approval: (Partially)

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: [signature] Date: 9/29/20

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

Updated 4/15



3 Bed Room y/N
60mpI

15565 NW 40Th
Raymond NE
68428

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

9/29/2020

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

SCANNED

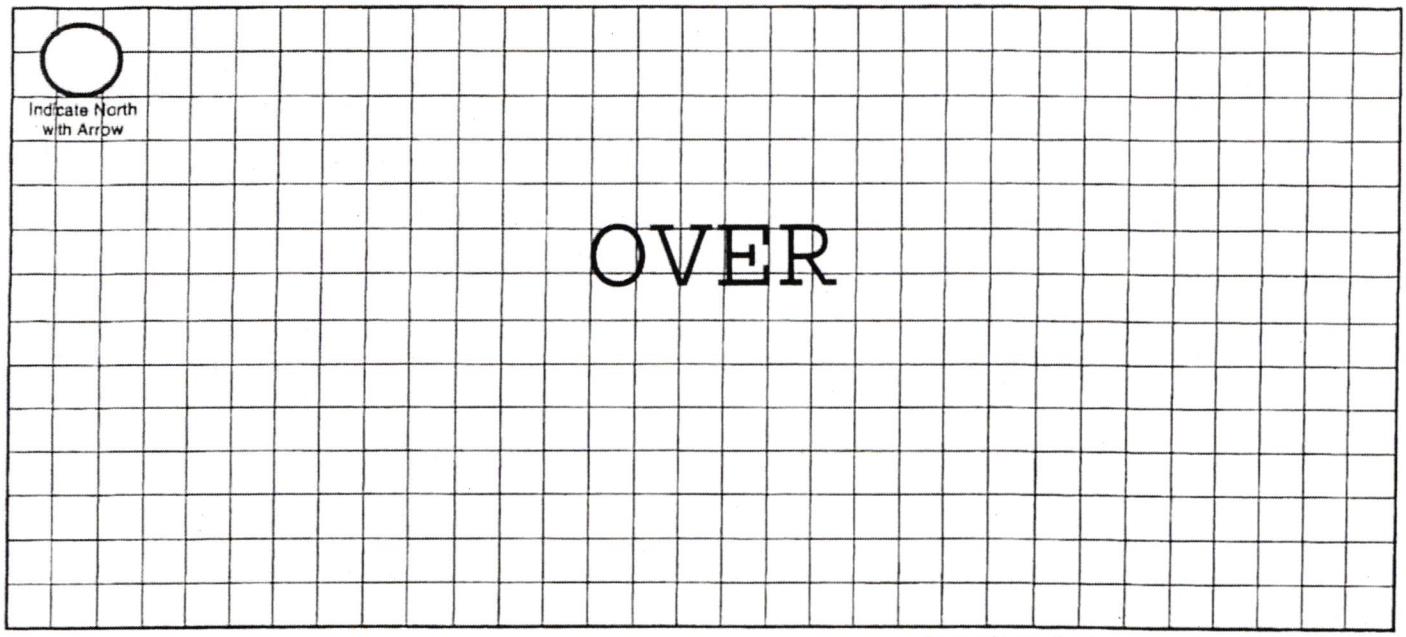
C

Permit Number:

Onsite Wastewater Treatment System

Preliminary Plan Specifications

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Total length of laterals 240 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

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Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

Home Building Contractor Existing Home Date _____

Installer [signature] Date 8/3/20

15565 NW 40th St, Raymond, NE 68428

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map



Printed: 8/3/2020

1: 564

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.

SCANNED