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

A

Permit Number HS002055

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 NW 18th St (no rural route) City Raymond, NE Zip 68428

Legal Description NW (1/4) SE (1/4) 4 (Section) 11N (Township) 6E (Range) Glacial Till Ridge (Subdivison) 2 (Addition) 3 (Block) (Lot)

PID 12-04-402-003-000

B. Owner

Name Matt Coufal Signature Matt Coufal

Address 513 Education Dr City/State/Zip Malcolm, NE 68402

Home Phone 402-326-4524 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
Date

Business Office Use Only
Date Received 4-13-20 Amount Paid $430.00
Received By JAO Cash/Check No. 1287

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

Form A Updated: 1/13

5-1-20

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 Parcel 12-04-402-003-000 → Located in w ½ of SE ¼ Glacial Till Ridge Block 2 2 of 3 T-11-N Oak R-6-E

Address _____ City Raymond NE, Zip _____
(no rural route)

Owner Steve Muhlbach Address 14305 N 56th, Lincoln, Ne 68524

Date of Tests 5-1-20 to 5-1-20 Weather: Precipitation dry day Temperature 58°

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	24	5-1	8:00	5-1	12:00	5-1	12:30	6	5-1	4:30	30	1.25	24
2	24	"	8:05	"	12:05	"	12:35	6	"	4:35	"	1.35	22
3	24	"	8:10	"	12:10	"	12:43	6	"	4:40	"	1.00	30
4	24	"	8:15	"	12:15	"	12:45	6	"	4:45	"	.90	33
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Harry Muhlbach
Phone: 402-430-9304
Address 14297 N 56, Lincoln, Ne 68514

Sum of Percolation Rates:	109
Average of Rates:	27.25
Rate Used for Calculation:	30

Soil type (NRCS Maps/Other) Sharpsburg with Grayish silt & fine sand
Groundwater Depth 10' Plus feet

Lincoln-Lancaster County Health Department
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3140 'N' Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

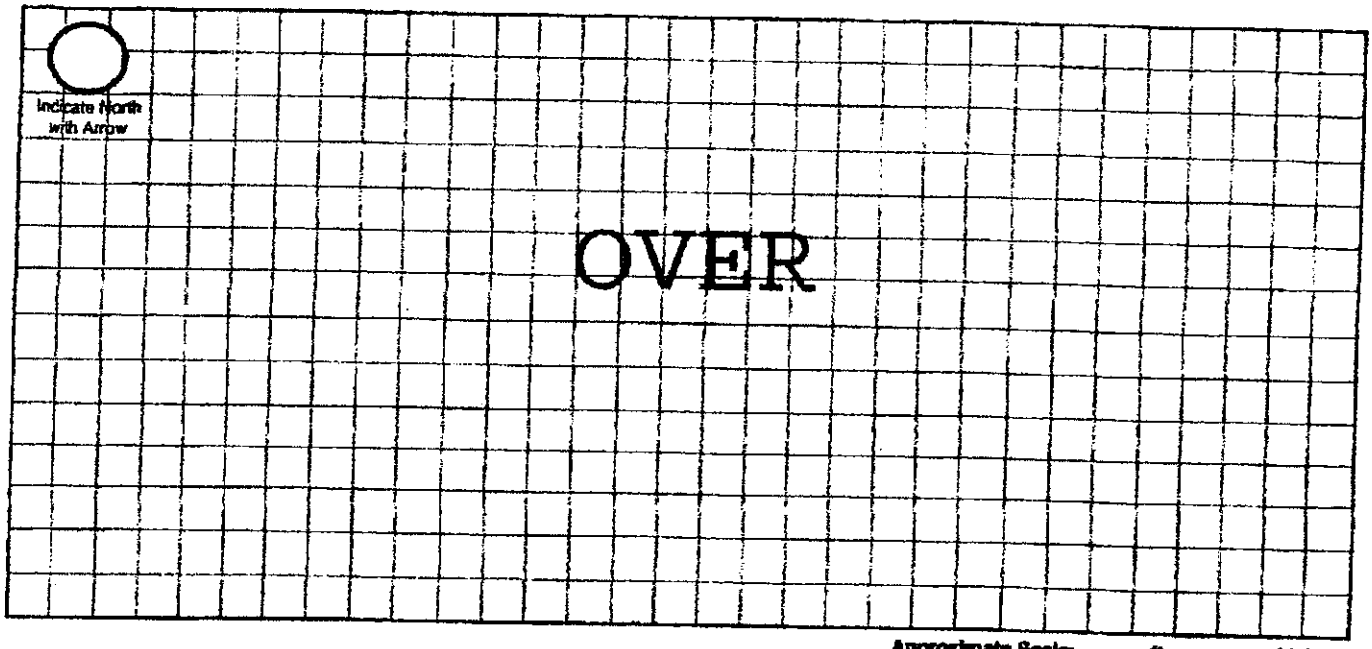
C

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) NW 18th St City Raymond NE, Zip 68428

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 (percolation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 30 (min/inch = mpi) No. of Bedrooms 5 Soil Type Yutan SCL with Fine Sand Land Slope _____ %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,260 sq.ft.

Total length of laterals 280 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

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

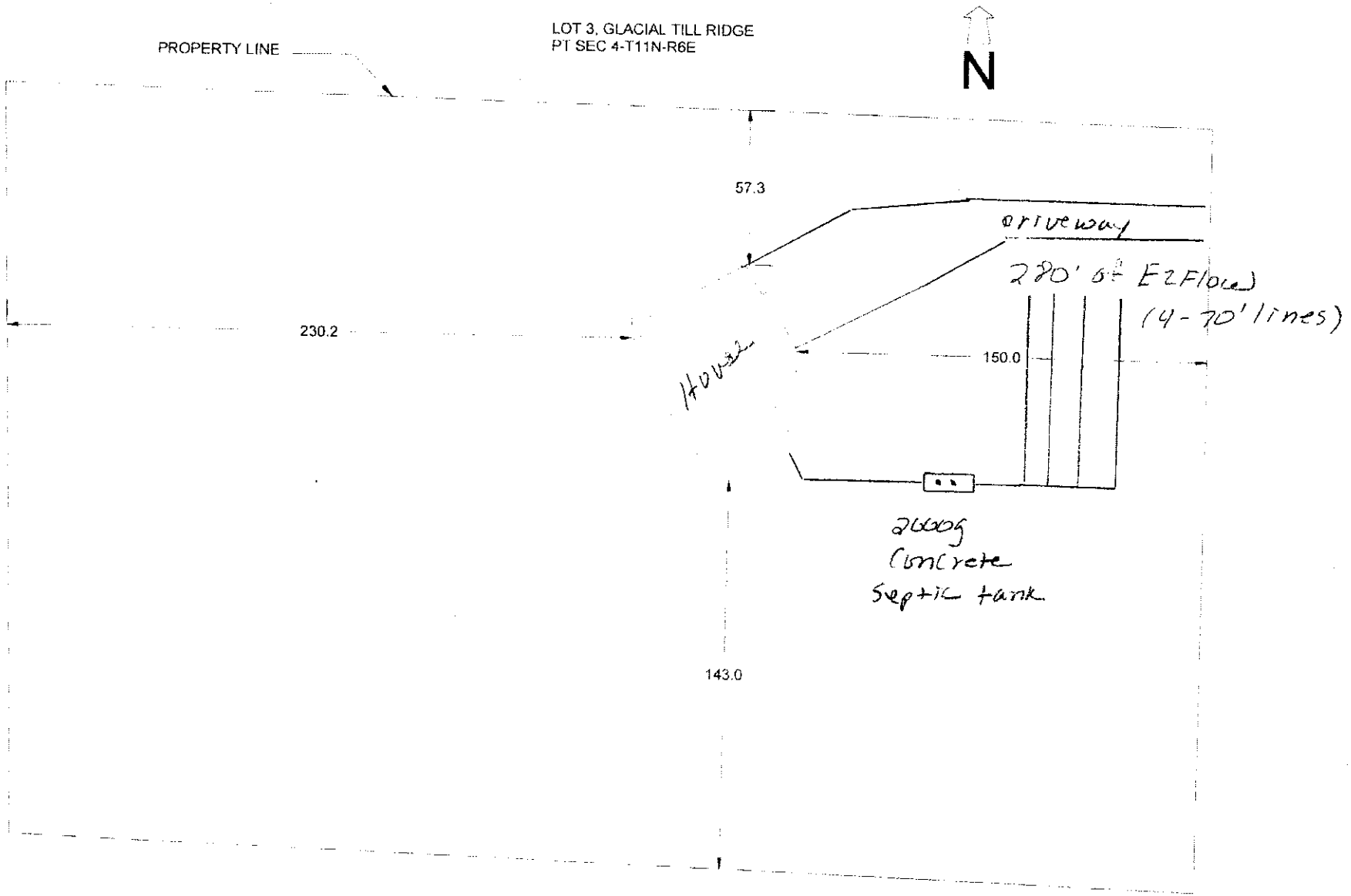
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

Home Building Contractor _____ Date 7-12-2020

Installer _____ Date 7/13/20

Onsite Form C 12-08


LOT 3, GLACIAL TILL RIDGE
PT SEC 4-T11N-R6E
PROPERTY LINE
N
57.3
driveway
280' ± EZFlow
(4-70' lines)
230.2
House
150.0
2000g
Concrete
Septic tank
143.0

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. HS002055

System Type: Standard

Situs: No Site Address Specified

Issued: 7/13/2020

Expires: 7/13/2021

Description: GLACIAL TILL RIDGE, BLOCK 2, Lot 3

Owner: MUHLBACH, STEVEN A
14305 N 56 ST
LINCOLN, NE 68154

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
13800 NW 70TH ST
RAYMOND, NE 68428