DigiSign Verified: FCB97404-6AAC-4B4D-8D1F-DDF81D617653

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

A

Permit Number HS002165

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 17820 Trailway Rd (no rural route) City Lincoln, NE Zip 68527

Legal Description NW 1/4 NW 1/4 Section 12 Township 10N Range 8E Subdivison Native Grass Addition 2 Block 4 Lot

PID 23-12-103-004-000

B. Owner

Name Jon & Kate Carlin Signature Jon M. Carlin

Address 2440 W Ashley Cir City/State/Zip Lincoln, NE 68524

Home Phone 402-218-5737 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature Lloyd L. Jakoubek

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

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 1-25-21 Amount Paid $440.00
Received By SAV Cash/Check No. CC5040

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 Block 2 lot 4 (no rural route) City NE, Zip

Owner Daniel Gald Address Parcel ID: 23-12-103-004.000

Date of Tests 6-28-18 to 6-29-18 Weather: Precipitation 0 Temperature 95°

Native grass Addition

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		Elapsed	Water	
Hole No.	Hole Depth (ft)	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)	Time Interval	Level Drop (in)	Percolation Rates (Min/in = mpi)
1	36	6-29	3:00	6-29	3:00	6-29	3:00	6	6-29	3:30	30	½	60
2	1	1	1	1	1	1	1	6	1	1	1	½	60
3	1	1		1	1	1	1	6	1	1	1	5/8	48
								6					
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Kevin Lewis
Phone: 402 310 9160
Address 4810 W Claire Ave
Lincoln NE 68523

Sum of Percolation Rates: 168
Average of Rates: 56
Rate Used for Calculation: 50-60

Soil type (NRCS Maps/Other) 7207 Akaarben silty clay loam
Groundwater Depth over 10

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

DigiSign Verified: FCB97404-6AAC-4B4D-8D1F-DDF81D617653

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

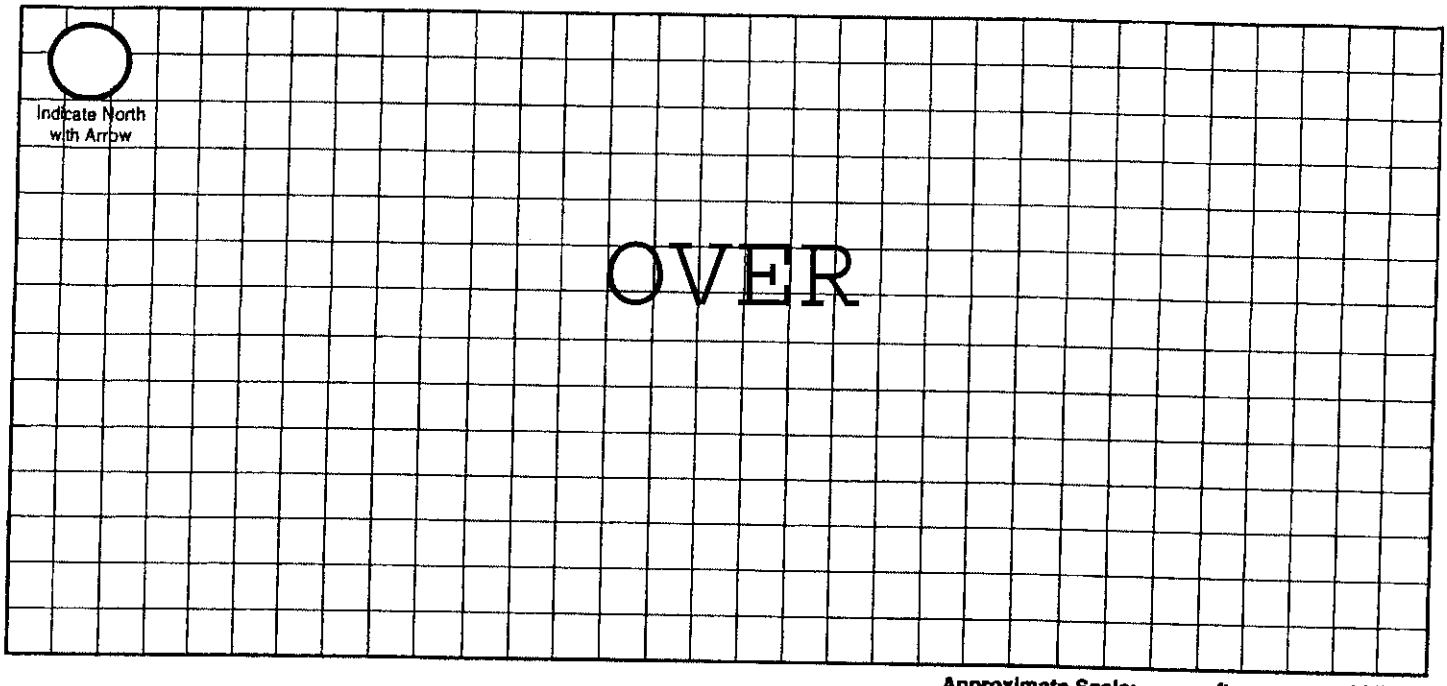
C

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) 17820 Trailway Rd City Lincoln NE, Zip 68524

B. Proposed Septic Tank/s

Septic Tank Cap. 1500 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 4 Soil Type 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 38" No. of drop boxes 1 Distrubtion Box _____

No. of absorption beds _____ Width _____ No of Distribution lines per bed _____

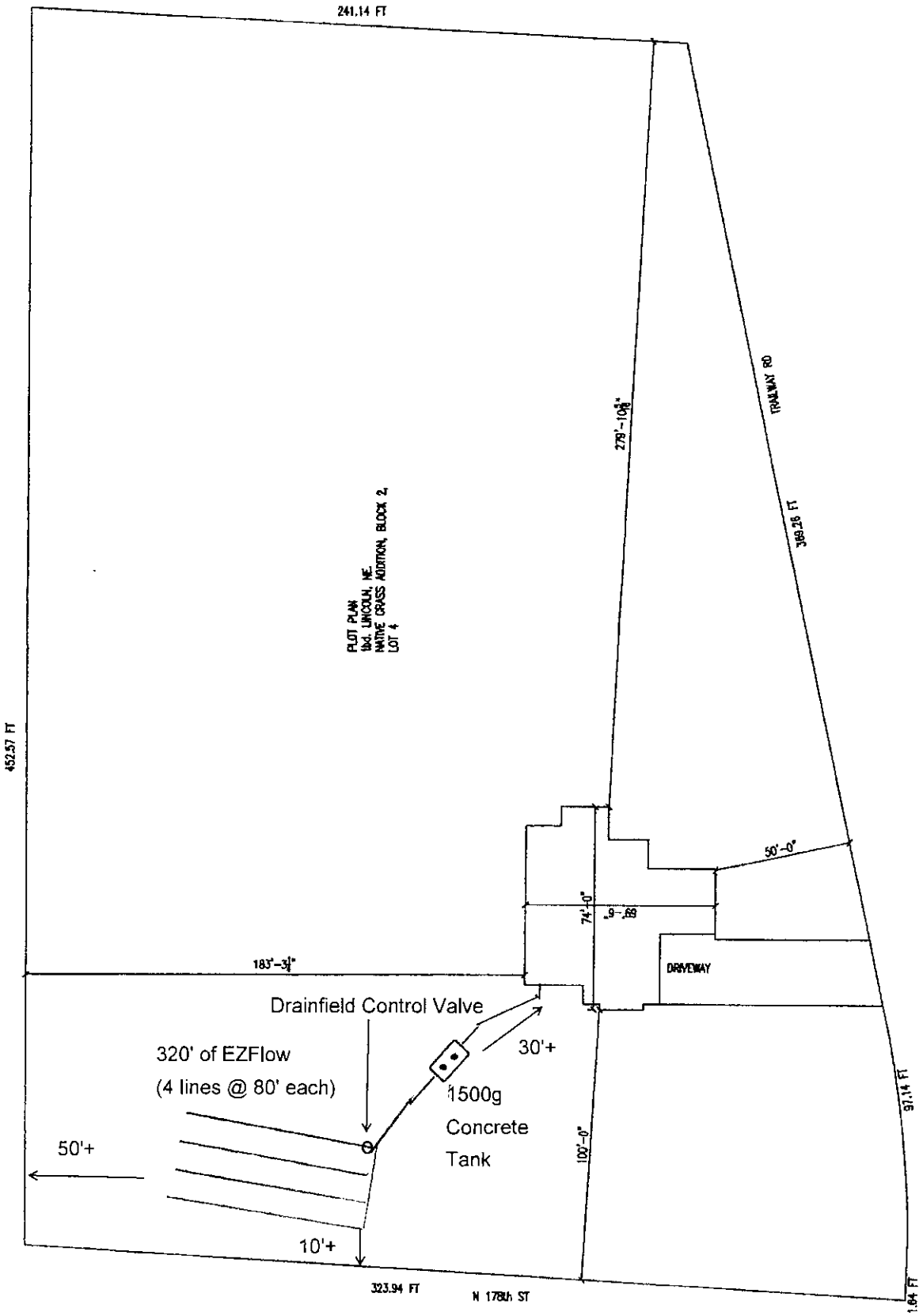
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 Tony Dybak Date 12-30-2020

Installer Mark L Jaworski Date 12-28-20


241.14 FT
452.57 FT
PLOT PLAN
Vol. LINCOLN, NE.
NATIVE GRASS ADDITION, BLOCK 2,
LOT 4
278'-10⅝"
TRAMWAY RD
369.26 FT
50'-0"
74'-0"
.9-.69
183'-3½"
DRIVEWAY
Drainfield Control Valve
320' of EZFlow
(4 lines @ 80' each)
30'+
1500g
Concrete
Tank
50'+
100'-0"
10'+
323.94 FT
N 178th ST
97.14 FT
1.64 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. HS002165

System Type: Standard

Situs: No Site Address Specified

Issued: 1/6/2021

Expires: 1/6/2022

Description: NATIVE GRASS ADDITION, BLOCK 2, Lot 4

Owner: CARLIN, JON & KATE
2440 W ASHLEY CIR
LINCOLN, NE 68524

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
Health Director

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

DigiSign Verified: FCB97404-6AAC-4B4D-8D1F-DDF81D617653 SCANNED

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

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Permit Number HS002165

New Construction

Onsite Wastewater Treatment System
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Legal Description	1/4	1/4	Section	Township	Range	Subdivison	Addition	Block	Lot
	NW	NW	12	10N	8E	Native Grass		2	4

PID 23-12-103-004-000

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Name Jon & Kate Carlin Signature Jon M. Carlin

Address 2440 W Ashley Cir City/State/Zip Lincoln, NE 68524

Home Phone 402-218-5737 Work Phone

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

1. Health Department
Site visits
Comments
Date rec'd 1/4/21
Date frwd 1/6/21
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 5/6/21

Business Office Use Only
Date Received 1-05-21 Amount Paid $440.00
Received By SAO Cash/Check No. CC 5040

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

D Exhibit 4

Permit Number: HS002165

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 = 23-12-103-004-000

Address or Legal Description or Parcel Identification Number (PID) 17820 Trailway Rd, Lincoln, NE 68527

Owner: Jon M Carlin Address 2440 W Ashley Cir, Lincoln, NE 68524

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 50 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 1500g
3. Depth to top of tank, below unfinished grade: 18 in.
4. Distance to:
   Well 100 ft. +
   Pressure line N/A ft
   Property Line 75 ft. +
   Foundation 50 ft. +

C Distribution Box or Drop Box

Distance and Direction from septic tank: 15 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: 1440 sq. ft.
5. Distance to:
   Well 100 ft. +
   Pressure line N/A ft.
   Property line 50 ft. +
   Depth of Groundwater >8'

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

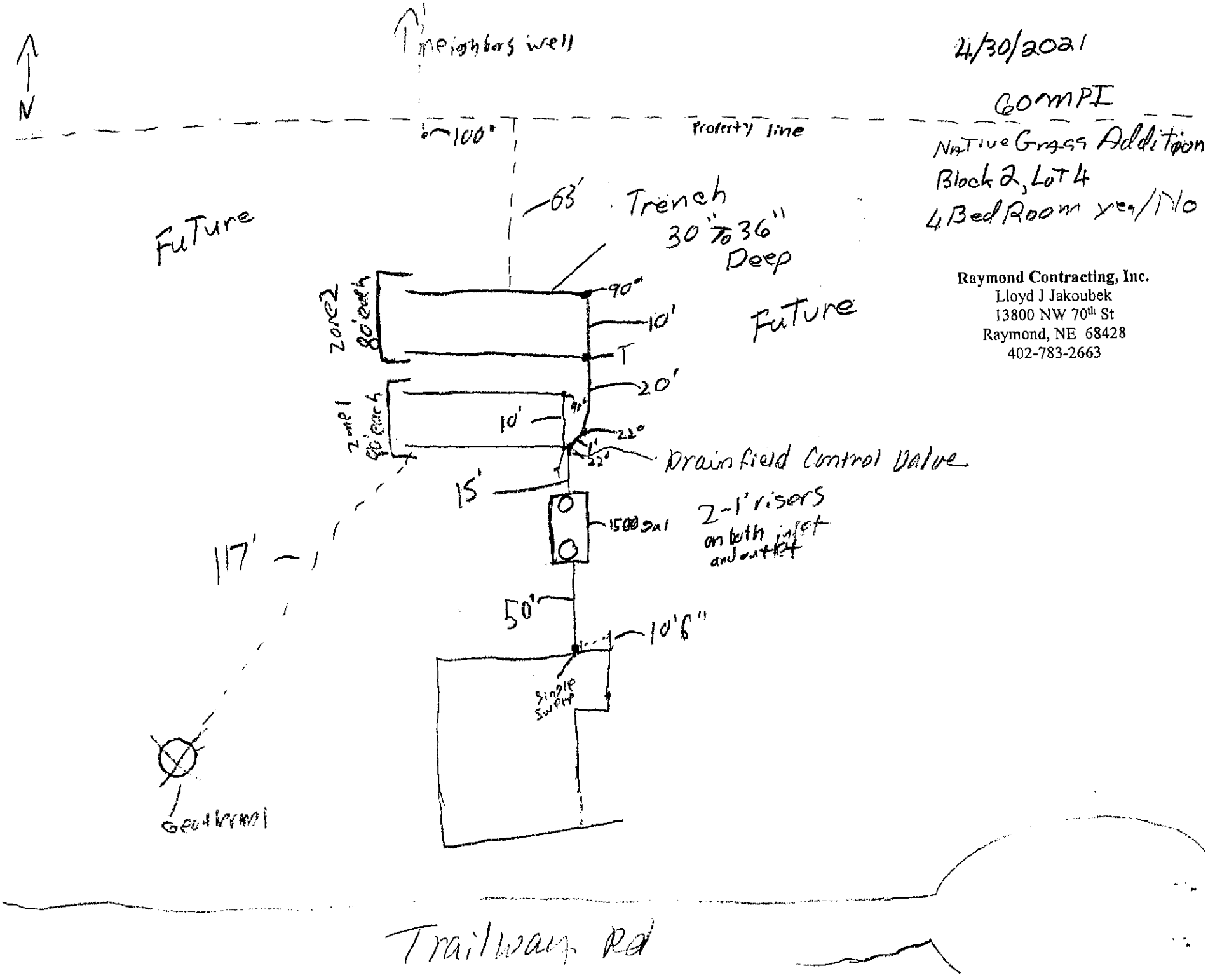
If Yes, the Certified Professional must sign below for final approval:

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. Jahnke Date: 4/30/21

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

Updated 4/15



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

Nate C. Hartman

From: Terri Jakoubek <jakoubek63@windstream.net>
Sent: Wednesday, May 5, 2021 3:13 PM
To: Nate C. Hartman
Cc: Doug R. Smith
Subject: 17820 Trailway Rd D-Sheet
Attachments: 17820 Trailway Rd D-Sheet.pdf

HS002165 is attached.

Thanks,

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