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

A

Permit Number
HS001923

Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

☑ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 4830 W Martell Rd City Martell, NE Zip 68404
(no rural route)

Legal Description 19 8 6 6th PM, Lot 14 SE
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID _____ *Approx. Address (If to be determined) _____

B. Owner

Name Chris Wendelin Signature _____
Address 106 Brentwood ave. City/State/Zip Hickman NE 68372
Home Phone 402-826-9214 Work Phone _____

C. Certified Installer

Name: Troy Ross Signature _____
Address 2215 Lothrop Lake Cir. City/State/Zip Crete NE 68333
Work Phone 402-610-1809

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 138
Garbage Grinder? ☑ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify _____ Design flow in gallons per day 500

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

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 10-31-19 Amount Paid $430.00
Received By JAD Cash/Check No. 3466

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

Form A Updated: 4/15

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. HS001923

System Type: Lagoon

Situs: 4830 W MARTELL RD, MARTELL, NE 68404

Issued: 11/6/2019

Expires: 11/6/2020

Description: S19, T8, R6, Acres 6th Principal Meridian, LOT 14 SE

Owner: WENDELIN, CHRISTOPHER L
106 BRENTWOOD AVE
HICKMAN, NE 68372

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

ROSS PLUMBING INC
PO BOX 227
DENTON, NE 68339

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

SCANNED

A

Permit Number
HS001923

Onsite Wastewater Treatment System Permit Application

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☑ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 4830 W Martell Rd City Martell, NE Zip 68404
(no rural route)

Legal Description 19 8 6 6th PM, Lot 14 SE
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID _____ *Approx. Address (If to be determined) _____

B. Owner

Name Chris Wendelin Signature _____
Address 106 Brentwood ave. City/State/Zip Hickman NE 68372
Home Phone 402-826-9214 Work Phone _____

C. Certified Installer

Name: Troy Ross Signature _____
Address 2215 Lothrop Lake Cir. City/State/Zip Crete NE 68333
Work Phone 402-610-1809

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 138
Garbage Grinder? ☑ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify _____ Design flow in gallons per day 500
Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department
Site visits 3/31/20 DG
Comments _____
Date rec'd 11/6/19
Date frwd 11/6/19
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 Ruhl
Date 4/17/20

Business Office Use Only
Date Received 10-31-19 Amount Paid $430.00 CV
Received By JAD Cash/Check No. 2460

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

Form A Updated: 4/15

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

Exhibit 5

Permit Number: HS001923

Onsite Wastewater Treatment System

Inspection Sheet

Date 4/17/20

Legal Description ____ ¼ ____ ¼ 19/8/6 Section/Township/Range

Onsite System Location

Address (no rural route) 4830 W. Martell 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 1,080 Sq. Ft. Tank Size 1,500 gals

Total length of laterals 240' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E2 Flow 1203H

No. of Absorption Laterals 2 Width 4.5 factor No. of Drop Boxes ____ Distribution Box 1

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 DS Date 3/31/20

Follow-Up ____ Date ____

Follow-Up ____ Date ____

Installation Final Written Approval
By Doug Shuck

Date 4/17/20

Field Note Drawing (See Reverse Side):

Nebraska DEQ

Onsite Wastewater Treatment System
Soil Percolation Test Data Sheet

Owner Name Chris wendelin Phone 402-826-9214

Address 4830 w martell Rd (City) Martell (State) NE (Zip) 68404

Location (Attach a sketch of the property showing test hole locations)

___ ¼ ___ ¼ Section ___ Township ___ Range ___ County ___

Lot # ___ Subdivision ___

Soil Type (Check one)

Sand ___ Silt ___ Clay ___ Sandy Clay ✓ Loamy Sand ___ Silty Clay ___

Silty Clay Loam ___ Sandy Loam ___ Silt Loam ___

Dates of Test

Start Date 3-26 to End Date 3-27, 2020

Weather Conditions

Precipitation -0- Avg. Temp 60 °F

Percolation Test Measurements and Data

Hole No.	Hole Depth (in.)	Pre-saturation Period: Start Date (Mo./Day)	Pre-saturation Period: Start Time (Hr./Min)	Pre-saturation Period: End Date (Mo./Day)	Pre-saturation Period: End Time (Hr./Min)	Percolation Readings (last period): Start Date (Mo./Day)	Percolation Readings (last period): Start Time (Hr./Min)	Percolation Readings (last period): Start Water Level (inch)	Percolation Readings (last period): End Time (Hr./Min)	Percolation Readings (last period): End Water Level (inch)	Results: Elapsed Time (minutes)	Results: Drop in Water Level (inches)	Results: Percolation Rate (m ÷ l) (Minutes per inch)
1	36	3-26	8:00	3-27	8:00	3-27	8:00	35	8:30	33½	30	1½	20
2	"	"	Am	"	Am	"	Am	35	Am	33¾	"	1¼	24
3	"	"	"	"	"	"	"	35	"	33⅞	"	1⅜	22

Tests must be performed by a certified professional, a professional engineer or a registered environmental health specialist.

Signature

Certificate or License # 2705

Address 2215 Lathrop Lake Cir.

City Crete St. NE Zip 68333

Phone 402-610-1809

Sum of Percolation Rates = 66

Avg. of Percolation Rates* = (sum of rates ÷ number of tests) (minutes per inch) 22

* If rates vary by more than 20 min/in., do not average. Use slowest rate measured for sizing soil absorption area.

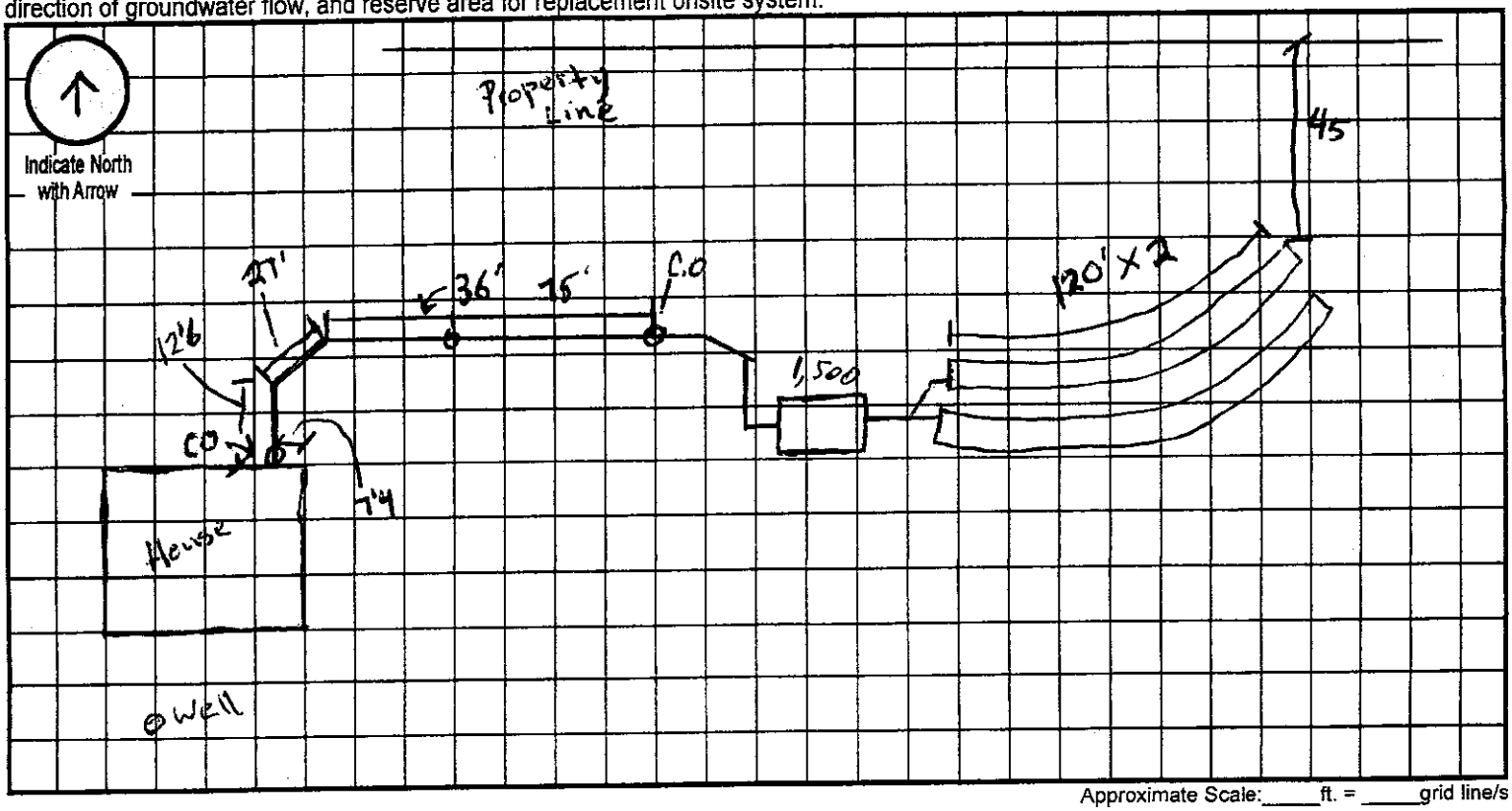
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

C

Permit Number

Onsite Wastewater Treatment System
Preliminary Plan Specification

Draw a plot plan showing onsite system sewer lines, tank, drop or distribution boxes, drainfields, percolation test holes, well, residence, direction of groundwater flow, and reserve area for replacement onsite system.



Approximate Scale: ____ ft. = ____ grid line/s

A. Onsite System Location

Address (no rural route) 4830 W Martell Rd City Martell NE, Zip 68404

B. Proposed Septic Tank/s

Septic Tank Cap. 1500 gals Tank Material: ☐ Concrete ☑ Plastic ☐ Other _____ ☐ Lagoon (Max. Seepage 1/8"/day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate 22 (min/inch = mpi) No. of Bedrooms 3 Soil Type Sandy Loam Land Slope ____ %

☑ Trench ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) Total square feet of drainfield 1000 Sq. Ft.

Total length of laterals 230 Type of Distribution: ☑ Perforated Pipe ☐ Half-Round ☑ Chambers ☐ Other _____

No. of Absorption Trenches 2 Width 36 No. of Drop Boxes _____ Distribution Box _____

No. of Absorption Beds _____ Width _____ No. of Distribution Lines per Bed _____

Installer Troy Ross Date: 3-31-20

REC'D APR 14 2020

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

D

Permit Number: HS001923

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

Address or Legal Description or Parcel Identification Number (PID) _____

Owner Chris Wendelin Address 4830 w martell Rd. martell NE 68404

A. Wastewater Piping

1. Material: PVC Diameter: 4" in.
2. Distance between dwelling and septic tank: 150' ft.

B. Septic Tank

1. Material: Plastic
2. Capacity: 1500 gal.
3. Depth to top of tank, below unfinished grade: 30" in.
4. Distance to:
   - Well 243 ft.
   - Pressure line 243' ft.
   - Property line 60' ft.
   - Foundation 150 ft

C. Distribution Box or Drop Box

Distance **and** Direction from septic tank: _____ ft._____

D. Drainfield/Absorption Field (circle one)

(Trench) Bed

1. Type: Perforated Pipe (Chamberless) Other

Material brand and inside width of Chamberless:
Infiltrator 1203 H

2. Number of Laterals: 2
3. Length of each lateral (linear): ft. 120 ft. 120 ft. _____ ft. _____ ft. _____
4. Drainfield size: 1000 sq. ft.
5. Distance to:
   - Well 265' ft.
   - Pressure line 83 ft.
   - Property line 45 ft.
   - Depth of Groundwater 75

Was the Onsite Waste Water System covered prior to LLCHD inspection? (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 02-0030 requirements and that the information and documentation submitted are true and accurate.

Certified Professional Signature_____ Date _____

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

Nate C. Hartman

From: Ken D. Schroeder
Sent: Wednesday, November 06, 2019 10:25 AM
To: Nate C. Hartman
Cc: Pamela L. Dingman
Subject: sewage disposal system for PID 02 05 100 008 000 (lot 20, sec5-8-5) & PID 08 19 400 004 000 (lot 14, sec 19-8-6)
Attachments: part of sec 5-8-5.pdf; part of sec 19-8-6.pdf

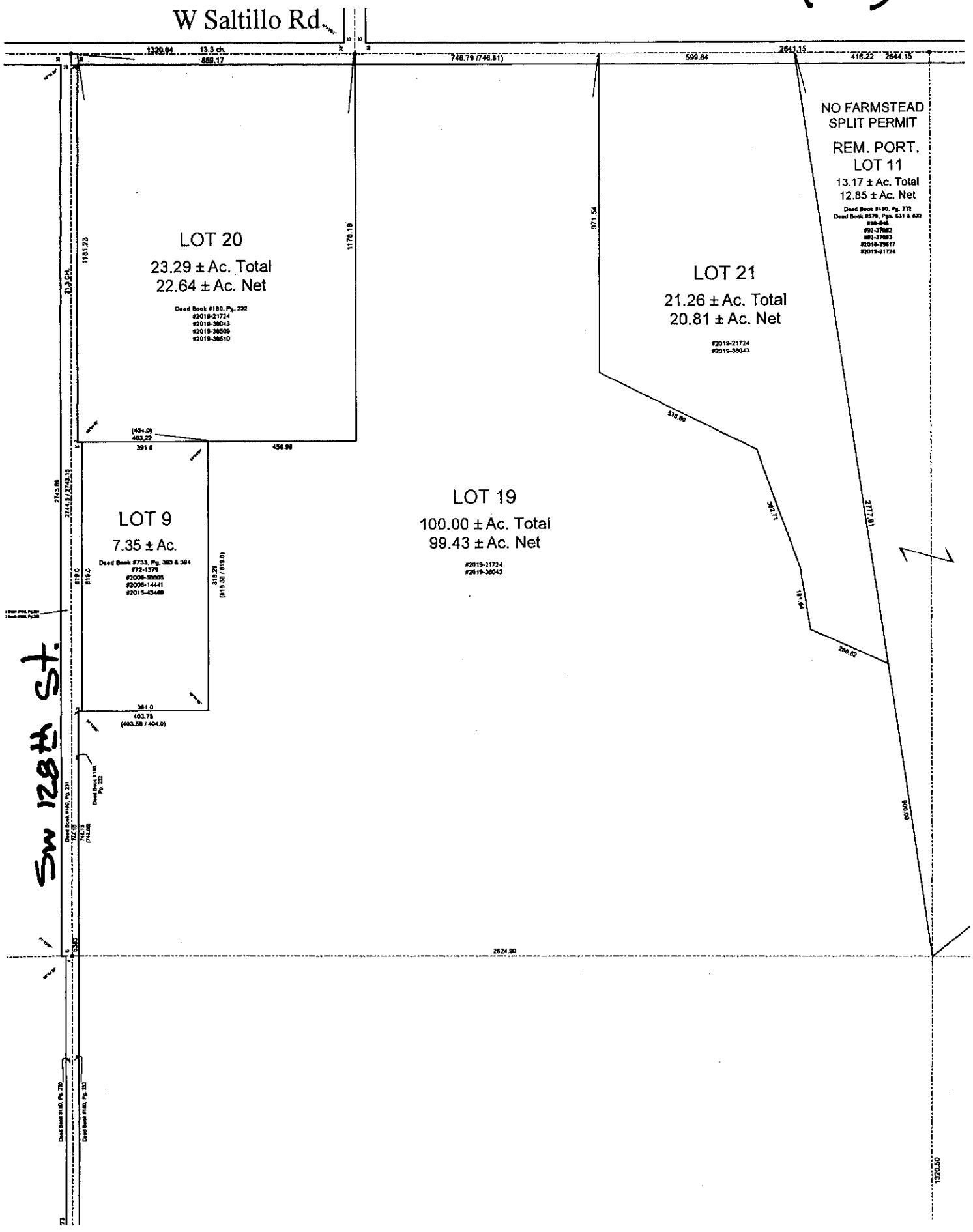
Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 20 irregular tracts located in the NW¼ of Section 5, T8N, R5E of the 6th P.M., Lancaster County, Nebraska. *(see attached, part of sec 5-8-5.pdf)*
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.

AND

Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 14 irregular tracts located in the SE ¼ of Section 19, T8N, R6E of the 6th P.M., Lancaster County, Nebraska. *(see attached, part of sec 19-8-6.pdf)*
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.
Ken

Kenneth D. Schroeder, RLS
Lancaster County Surveyor
444 Cherrycreek Road, Bldg. "C"
Lincoln, Nebraska 68528
kschroeder@lancaster.ne.gov
Phone (402) 441-7681
Fax (402) 441-8692

SEC. 5 (8-5)


W Saltillo Rd.
1320.04
13.3 ch.
859.17
746.79 (746.81)
599.84
2641.15
416.22
2644.15
NO FARMSTEAD
SPLIT PERMIT
REM. PORT.
LOT 11
13.17 ± Ac. Total
12.85 ± Ac. Net
Deed Book 6180, Pg. 232
Deed Book 6579, Pgs. 631 & 632
#88-646
#92-37082
#92-37083
#2018-29617
#2019-21724
LOT 20
23.29 ± Ac. Total
22.64 ± Ac. Net
Deed Book 6180, Pg. 232
#2019-21724
#2019-38043
#2019-38509
#2019-38510
1181.23
1178.19
971.54
LOT 21
21.26 ± Ac. Total
20.81 ± Ac. Net
#2019-21724
#2019-38043
333.89
363.71
99.18
250.82
2277.81
LOT 19
100.00 ± Ac. Total
99.43 ± Ac. Net
#2019-21724
#2019-38043
LOT 9
7.35 ± Ac.
Deed Book 6733, Pgs. 383 & 384
#72-1379
#2008-38805
#2008-14441
#2015-43469
(404.0)
403.22
391.0
456.98
2743.59
2744.3 / 2743.15
819.0
819.29
(819.38 / 819.0)
391.0
403.75
(403.58 / 404.0)
Sw 128th St.
Deed Book 6180, Pg. 231
Deed Book 6180, Pg. 232
Deed Book 6180, Pg. 230
Deed Book 6180, Pg. 233
2624.80
1320.50

Nate C. Hartman

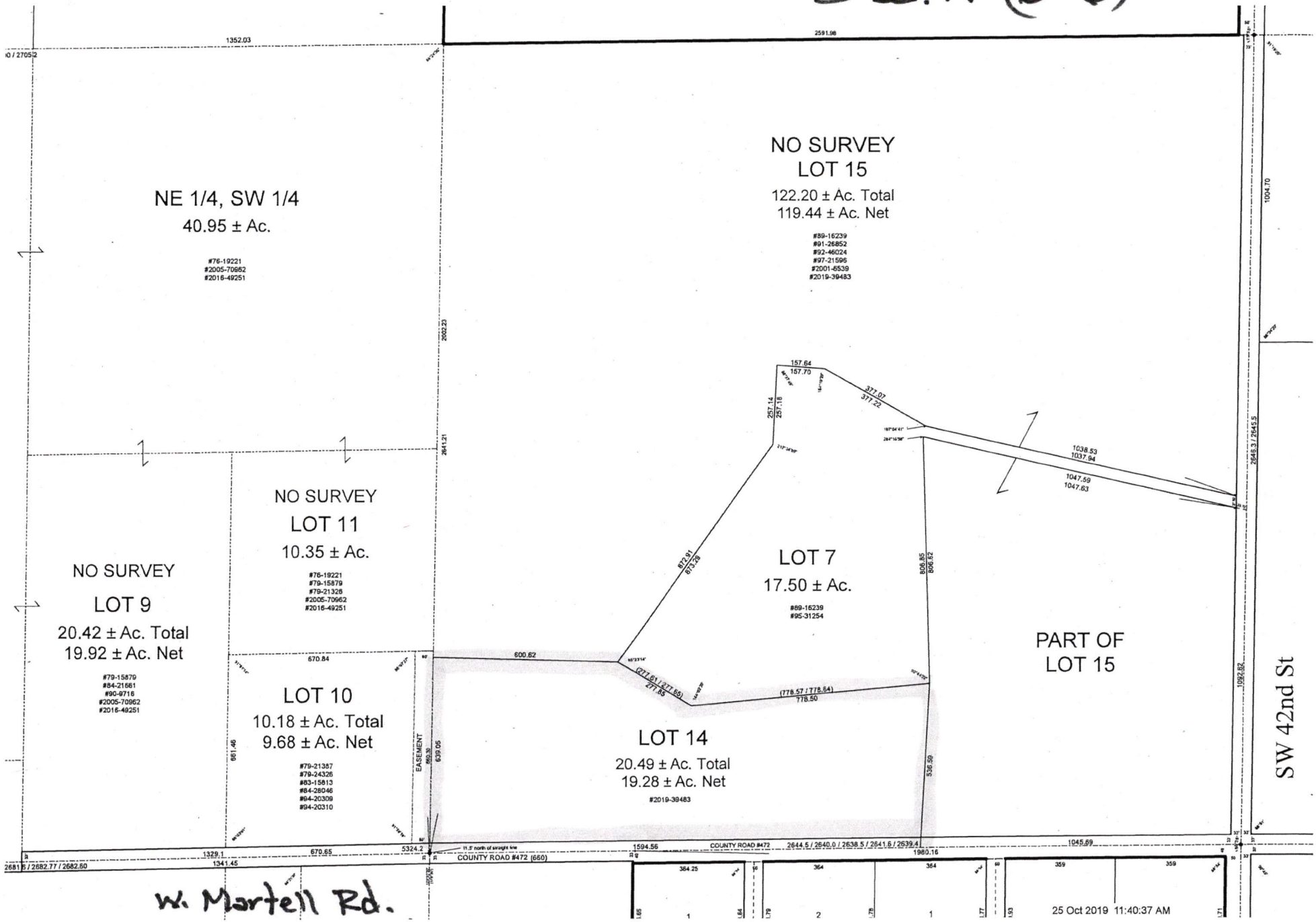
From: RJ Hamilton
Sent: Wednesday, November 06, 2019 9:21 AM
To: Nate C. Hartman
Subject: 4830 W. Martell Rd

Nate,
This address is a legal buildable lot. There is no floodplain on the lot.

Thanks,

RJ Hamilton
Plans Examiner
City of Lincoln
Building and Safety Dept.
402-441-6424

SEC. 19 (B-6)



W. Martell Rd.

SCANNED