Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001209

System Type: Standard

Situs: No Site Address Specified

Description: HUNTERS RIDGE, Lot 3

Issued: 3/9/2016

Expires: 3/9/2017

Owner: PRAIRIE HOME BUILDERS INC
2045 S FOLSOM ST STE A
LINCOLN, NE 68522

Judith A Halstead
Judith A. Halstead, MS, 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.

Judith A Halstead
Judith A. Halstead, MS
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

Exhibit 5

Permit Number: H-5001209

Onsite Wastewater Treatment System

Inspection Sheet

Lot 3

Date 8/19/16 Legal Description Hunters Ridge 8

¼ ¼ Section/Township/Range 2

Onsite System Location

Address (no rural route) 12077 S. 17th St City Bennett

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 1,760 Sq. Ft. Tank Size 2000 gals

Total length of laterals 485 Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) _____

No. of Absorption Laterals 4 Width 3.625 No. of Drop Boxes 2 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 _____

Lateral #1 N/A Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial DK Date 8/18/16

Follow-Up _____ Date _____

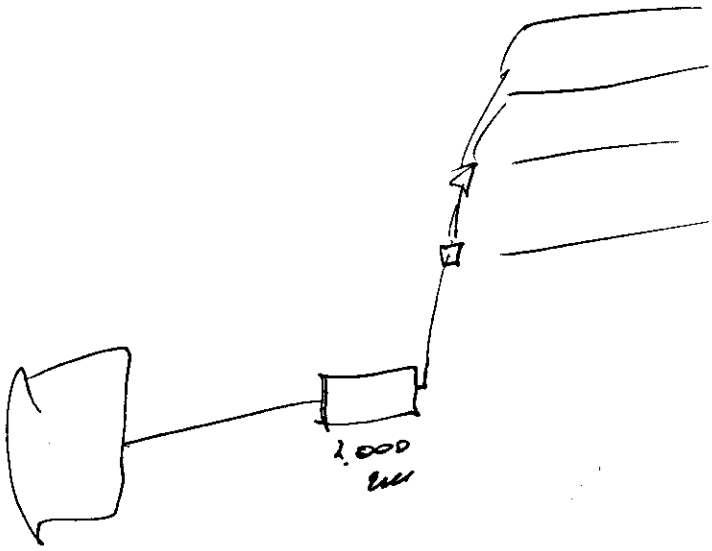
Follow-Up _____ Date _____

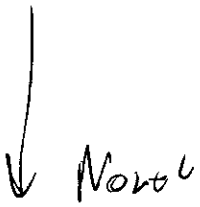
Installation Final Written Approval
By Doug Mueller

Date 8/19/16

Field Note Drawing (See Reverse Side):

Field Notes





DocuSign Envelope ID: 43AB2308-2146-45BF-9A1C-038D5FD08127

SCANNED

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

A

Permit Number
HS001209

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 12077 S 171st Ct (no rural route) City Bennet NE Zip 68317

Legal Description NW 1/4 2 1/4 Section 8N Township 8E Range Hunters Ridge Subdivison 3 Addition Block Lot

PID 21-02-201-003-000

B. Owner

Name John & Ronda Widick Signature DocuSigned by: John Widick DocuSigned by: Ronda Widick

Address 315 Monroe St City/State/Zip Bennet, NE 68317

Home Phone 402-417-5986 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 Garbage Grinder? ☒ Yes ☐ No Total Acres 10.13

☐ 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 24.08 ☐ County Resolution No. 88-80

1. Health Department
Site visits Date rec'd Date fwd
Comments ACTION ☒ Approved ☐ Disapproved Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments Date rec'd Date fwd ACTION ☒ Approved ☐ Disapproved Signature

3. City or County Engineer
Comments Date rec'd Date fwd ACTION ☐ Approved ☐ Disapproved Signature

Installation Final Written Approval
By Doug Hunt
Date 8/19/16

Business Office Use Only
Date Received 3-9-16 Amount Paid #385.00
Received By SB Cash/Check No. CC 0287

White - Health Department Yellow - Engineer Pink - Building & Safety Form A (Updated 7-15)

SCANNED

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

B

Permit Number: HS001209

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address S 171st Ct (no rural route) City Bennet NE, Zip 68317

Owner John & Rhonda Widick Address 315 Monroe St, Bennet, NE 68317

Date of Tests 11/~~25~~24/15 to 11/~~26~~25/15 Weather: Precipitation 0 Temperature 55°

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	32	11/25	10:00a	11/25	2:00p	11/26	4:30p	6	11/26	5:00p	30	1-1/8	27
2	36	"	"	"	"	"	"	6	"	"	"	9/16	53
3	24	"	"	"	"	"	"	6	"	"	"	1/2	60
4	38	"	"	"	"	"	"	6	"	"	"	7/8	34
								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) Silty Clay Loam
Groundwater Depth >7'

Sum of Percolation Rates: 174
Average of Rates: 44
Rate Used for Calculation: 60 (20 mpi variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

SCANNED

C

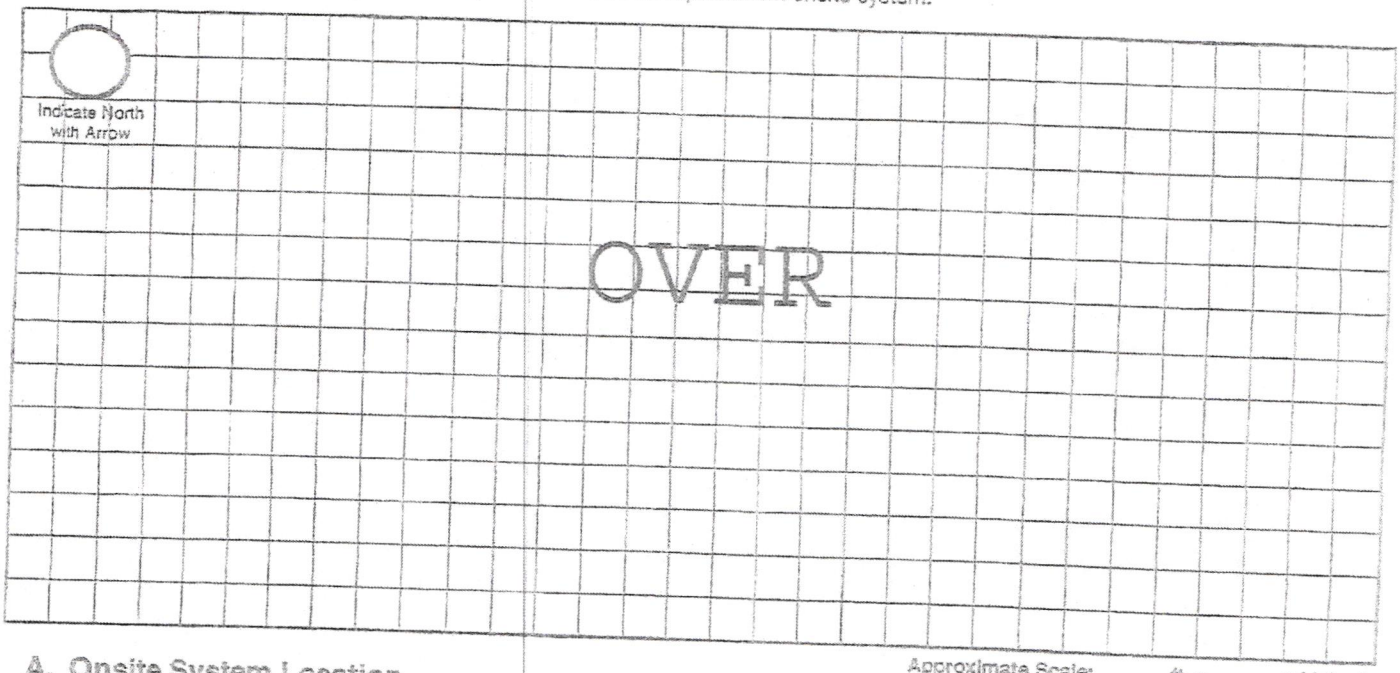
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

Permit Number: HS001209

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) 12077 S 171st Ct City Bennet NE, Zip 68317

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 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 5 Soil Type Wymore Silty Clay Loam Land Slope 1-3 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,760 sq. ft.

Total length of laterals 485 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

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

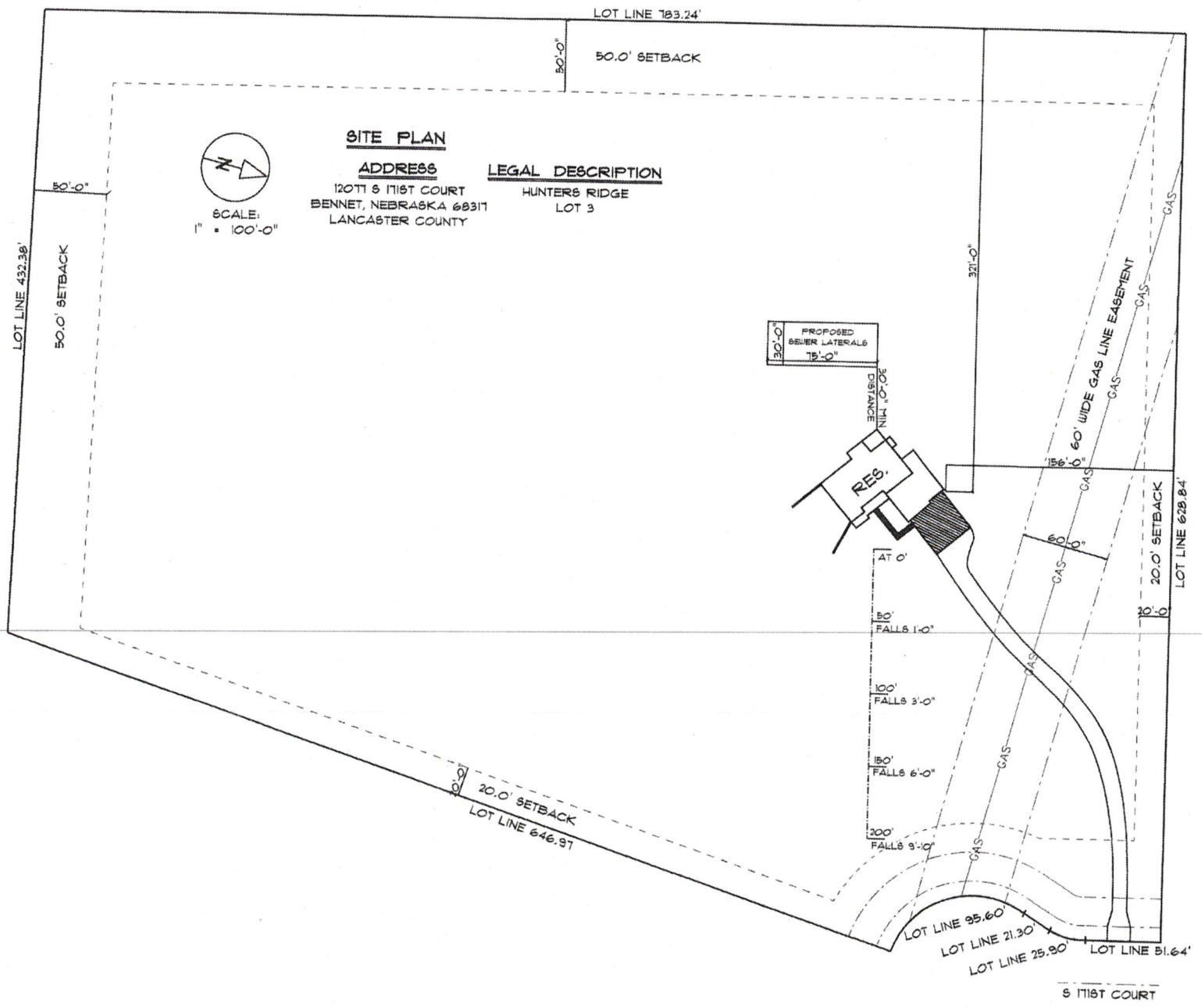
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐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

F. Required Signatures

Home Building Contractor Robert D. Chaney Date 3-8-2016

Installer [signature] Date 3/8/2016

SCANNED


LOT LINE 783.24'
50'-0"
50.0' SETBACK
SITE PLAN
ADDRESS
12077 S 171ST COURT
BENNET, NEBRASKA 68317
LANCASTER COUNTY
LEGAL DESCRIPTION
HUNTERS RIDGE
LOT 3
SCALE:
1" = 100'-0"
50'-0"
LOT LINE 432.38'
50.0' SETBACK
321'-0"
PROPOSED
SEWER LATERALS
30'-0"
75'-0"
30'-0" MIN DISTANCE
RES.
60' WIDE GAS LINE EASEMENT
GAS
156'-0"
60'-0"
20.0' SETBACK
LOT LINE 628.84'
20'-0"
AT 0'
50'
FALLS 1'-0"
100'
FALLS 3'-0"
150'
FALLS 6'-0"
200'
FALLS 9'-0"
20'-0"
20.0' SETBACK
LOT LINE 646.97'
LOT LINE 95.60'
LOT LINE 21.30'
LOT LINE 25.90'
LOT LINE 81.64'
S 171ST COURT

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

8/16 8/26/16

D Exhibit 4

Permit Number: 1209

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 21-02-201-003-000

Address or Legal Description or Parcel Identification Number (PID) 12077 S. 171st Ct. Bennet, NE 68317

Owner: John Widick Address 315 Monroe St. Bennet, NE 68317

A. Wastewater Piping

1. Material: SDR 26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 145 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000g.
3. Depth to top of tank, below unfinished grade: 12-18 in.
4. Distance to:
   - Well 100+ ft.
   - Pressure line 100' ft
   - Property Line 100' ft.
   - Foundation 75' ft.

C Distribution Box or Drop Box

Distance and Direction from septic tank: 9' ft. S

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☒ Chamberless ☐ Other

   Material brand and inside ~~width~~ of Chamberless: ADS 29"
2. Number of Laterals: 4 2-Zones
3. Length of each lateral (linear): ft. 125 ft. 120 ft. 120 ft. 120
4. Drainfield size: 1758 sq. ft.
5. Distance to:
   - Well 100' ft.
   - Pressure line 100' ft.
   - Property line 50' ft.
   - Depth of Groundwater 8+

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

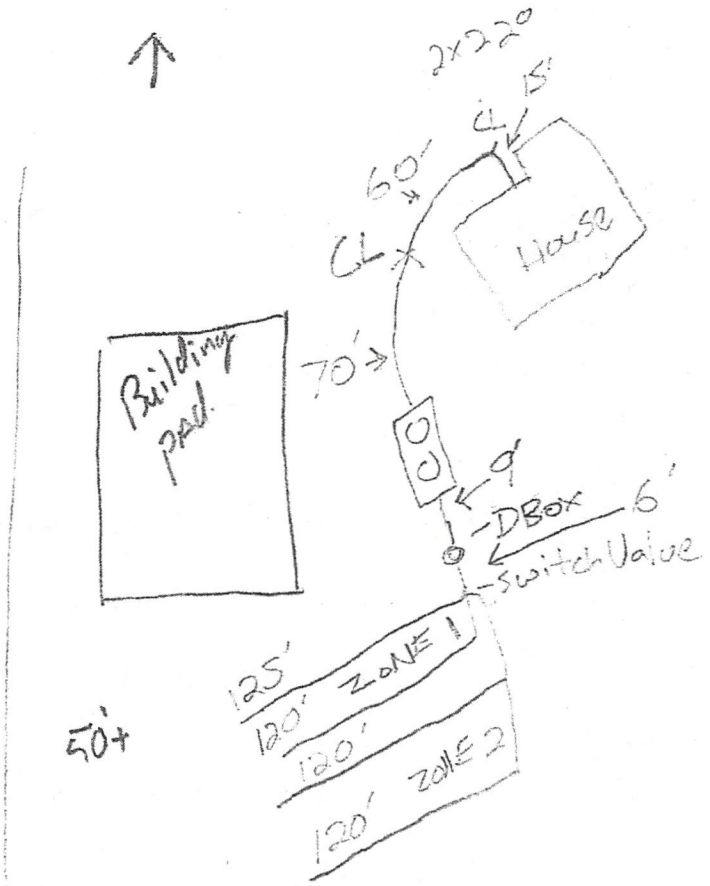
If Yes, the Certified Professional must sign below for final approval:

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: Lloyd Jakoubek Date: 8/18/-8/19/2016

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

NT



8/18/ - 8/19/2016.

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

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

SCANNED

Exhibit 5

Permit Number: H 5001209

Onsite Wastewater Treatment System

Inspection Sheet

Lot 3

Date 8/19/16 Legal Description Hunters Ridge 8 2 ¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 12077 S. 17th St City Bennett

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 1,760 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 485 Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe)_____

No. of Absorption Laterals 4 Width 3.625 No. of Drop Boxes 2 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
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Field (ft)	100 ☑	500 ☑	50 ☑	4 ☑	25 ☑	5 ☑

Geographical Coordinates to 6 Decimals:

Tank _____

Lateral #1 N/A Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial _____ Date 8/18/16

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Doug Thiel

Date 8/19/16

Field Note Drawing (See Reverse Side):

Field Notes

