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

JUN 28 2016

A

Permit Number
HS001298

New Construction

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* [illegible] City Martell NE Zip [illegible]
(no rural route)

Legal Description SW 9 8N 6E [illegible]
1/4 1/4 Section Township Range Subdivison Addition Block Lot

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

B. Owner

Name Prairie Home Builders Pac Dev [illegible] Signature Robert D. Clay

Address 2040 S Folsom St City/State/Zip Lincoln, NE 68522

Home Phone 402-475-6588 Ext 22 Work Phone 402-475-6588

C. Certified Installer

Name: Kevin Jakowski, Rain Drop Contractors Inc Signature Kevin L. Jakowski

Address 16830 W. 70th Street City/State/Zip Raymond, NE 68428

Work Phone 402-783-2288 or 402-783-2288

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 3.0
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

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 6-28-16 Amount Paid #385
Received By SB Cash/Check No. 13529

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

Form A Updated: 4/15

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

JUN 28 2016

B

Permit Number: HSOO1298

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 2520 W Wittstruck Rd (no rural route) City Martell NE, Zip 68404

Owner Prairie Home Builders Address 2045 S Folsom St, Lincoln, NE 68522

Date of Tests 6/8/16 to 6/9/16 Weather: Precipitation 0 Temperature 95°

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	6/8	10:30a	6/8	2:30p	6/9	4:00p	6	6/9	4:30p	30	5/8	48
2	24	"	"	"	"	"	"	6	"	"	"	1/2	60
3	24	"	"	"	"	"	"	6	"	"	"	11/16	44
4	24	"	"	"	"	"	"	6	"	"	"	9/16	53
								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: 205

Average of Rates: 51

Rate Used for Calculation: 51

Soil type (NRCS Maps/Other) Wymore Silty Clay 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

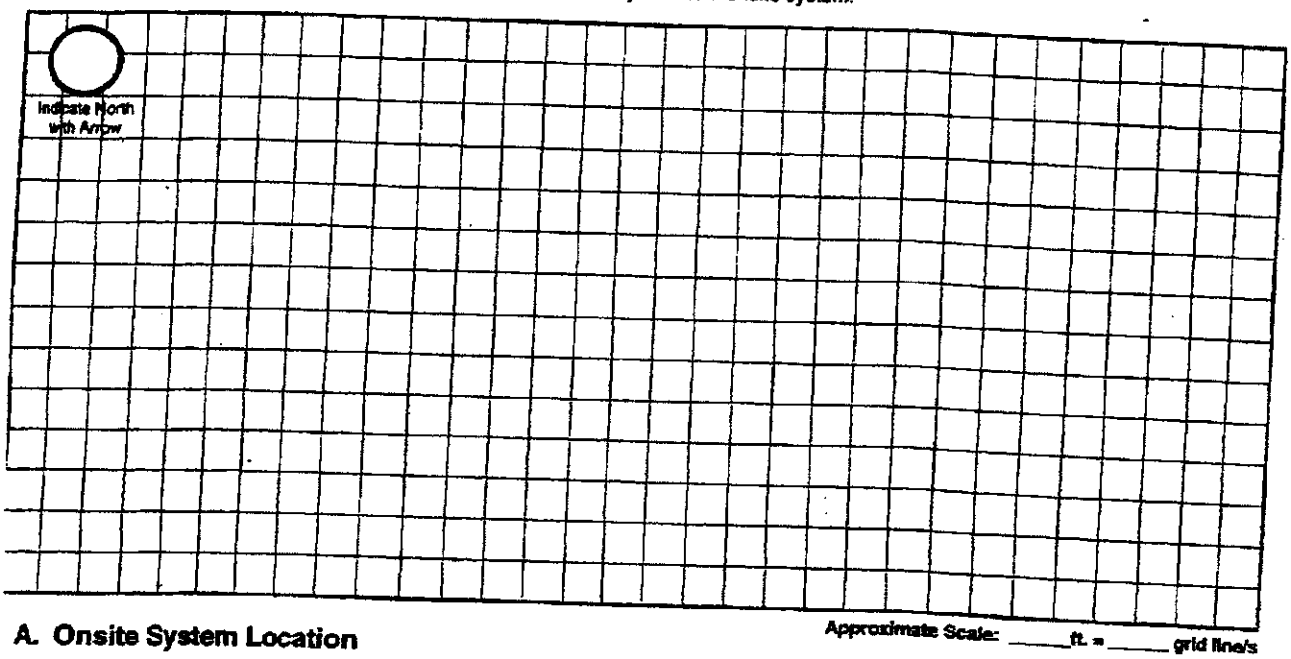
C

Permit Number: HS001298

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) _____ City _____ NE, Zip _____

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 51 (min/inch = mpi) No. of Bedrooms 4 Soil Type Wymore SCL Land Slope 3-6 %

☑ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,413 sq.ft.

Total length of laterals 390' Type of distribution: ☐ Perforated pipe ☐ Half-Round ☑ Chamber ☐ Other

No. of absorption trenches 4 Width 40" No. of drop boxes 1 Distrubtion Box _____

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

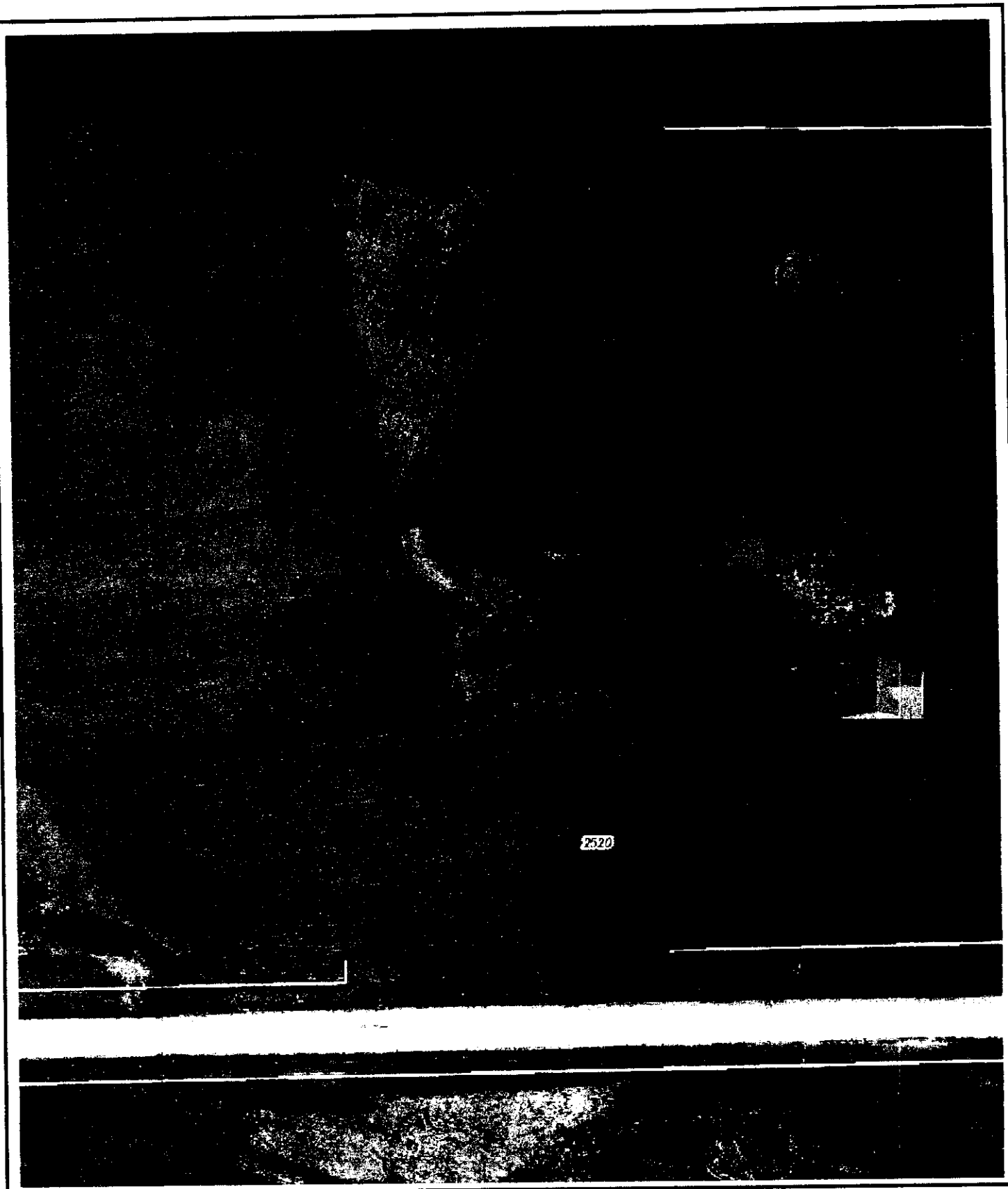
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 ☑	30 ☑	30 ☑	40 ☑	☑
agoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

me Building Contractor Robert P. Clancy Date 6/24/16

staller Kevin L. Johnson Date 6/24/16



Lancaster County/City of Lincoln GIS Map

N
W E
S

PHB - Dustin 402-476-6599 x106 2520 Wittstruck Rd, Martell, NE 68404

Printed: Jun 11, 2016

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 ags@lincoln.ne.gov and you will be directed to the appropriate department.

JUN 2 8 2016

SITE PLAN

ADDRESS

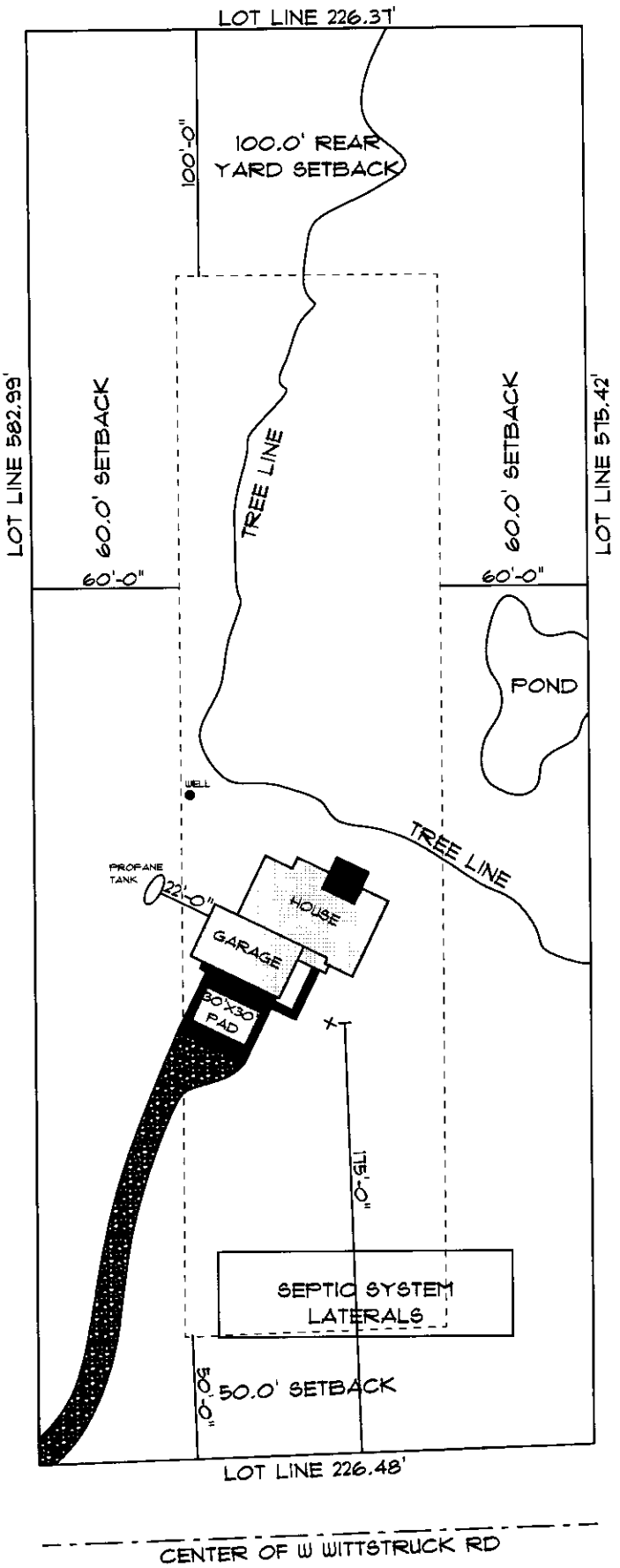
???? W WITTSTRUCK RD
MARTELL, NEBRASKA 68404
LANCASTER COUNTY

LEGAL DESCRIPTION

BRANDT ADDITION
LOT 2

N

SCALE:
1" = 75'-0"



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. HS001298

System Type: Standard

Situs: No Site Address Specified

Issued: 6/30/2016

Expires: 6/30/2017

Description: BRANDT ADDITION, Lot 2

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

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

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

Ok gr 11-30-16

Exhibit 5

Permit Number: H S001298

Onsite Wastewater Treatment System

Inspection Sheet

Date 11/29/16 Legal Description Brandz Add. Lot 2

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 2520 W. Wittstruck 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 1,413 Sq. Ft. Tank Size 1,500 gals

Total length of laterals 390' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe)

No. of Absorption Laterals 4 Width 3.625 Inches 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 N/A

Lateral #1 Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial DS Date 11/7/16

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By Doug Theis
Date 11/29/16

Field Note Drawing (See Reverse Side):

SCANNED

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

JUN 28 2016

A

Permit Number
HS001298

New Construction

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 2520

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

Legal Description: SW (1/4) 9 (1/4 Section) 8N (Township) 6E (Range) BRANDT ADDITION (Subdivison) NA (Addition) 2 (Block) (Lot)

PID 08-09-304-002-000 *Approx. Address (If to be determined)

B. Owner

Name Prairie Home Builders (Rob Champoux) Signature Robert D. Champoux

Address 2045 S Folsom St City/State/Zip Lincoln, NE 68522

Home Phone 402-476-6599 Ext 106 Work Phone 402-476-6599

C. Certified Installer

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

Address 13800 NW 70th Street 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 3.0

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

1. Health Department
Site visits
Comments
Date rec'd 6/30/16
Date frwd 6/30/16
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 6-30-16
Date frwd 6-30-16
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 6-30-16
Date frwd 6-30-16
ACTION ☒ Approved ☐ Disapproved
Signature Jim Plowgh

Installation Final Written Approval
By
Date 11/29/16

Business Office Use Only
Date Received 6-28-16 Amount Paid # 385
Received By SB Cash/Check No. 13529

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

Form A Updated: 4/15

SCANNED

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

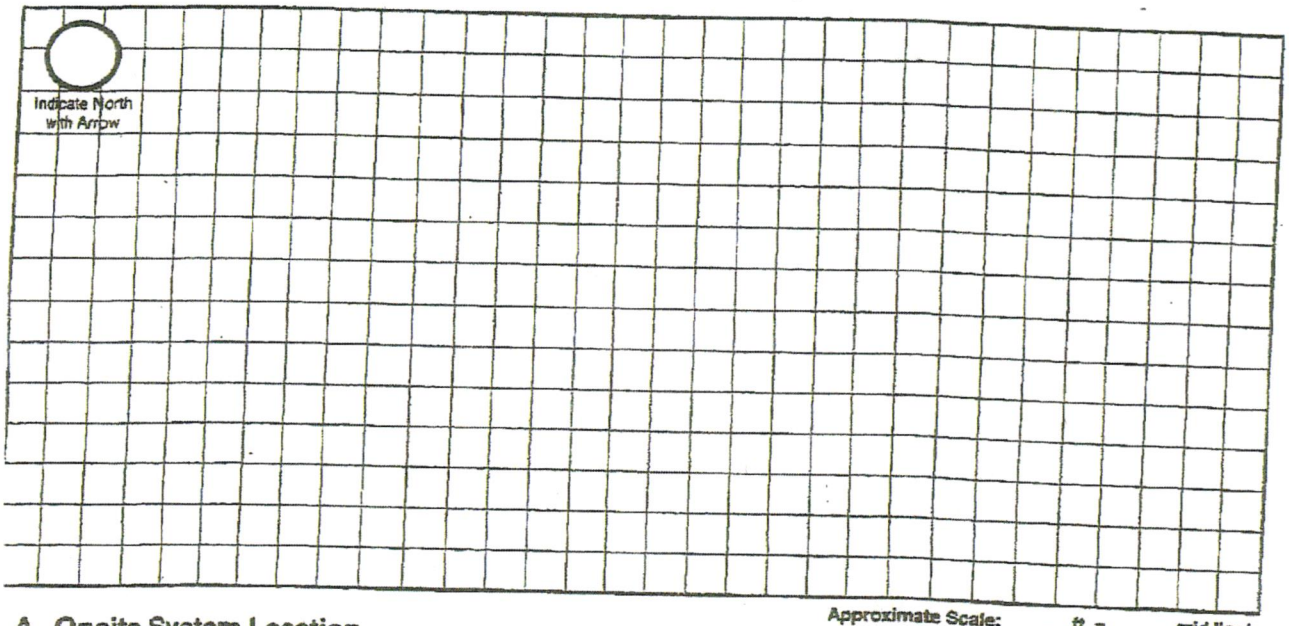
C

Permit Number: HS001298

Onsite Wastewater Treatment System

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

A. Onsite System Location

Address (no rural route) W Wittstruck Rd City Lincoln NE, Zip 68404

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 51 (min/inch = mpi) No. of Bedrooms 4 Soil Type Wymore SCL Land Slope 3-6 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,413 sq.ft.

Total length of laterals 390' Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 4 Width 40" No. of drop boxes 1 Distrubtion Box_____

No. of absorption beds_____ Width_____ No of Distribution lines per bed_____

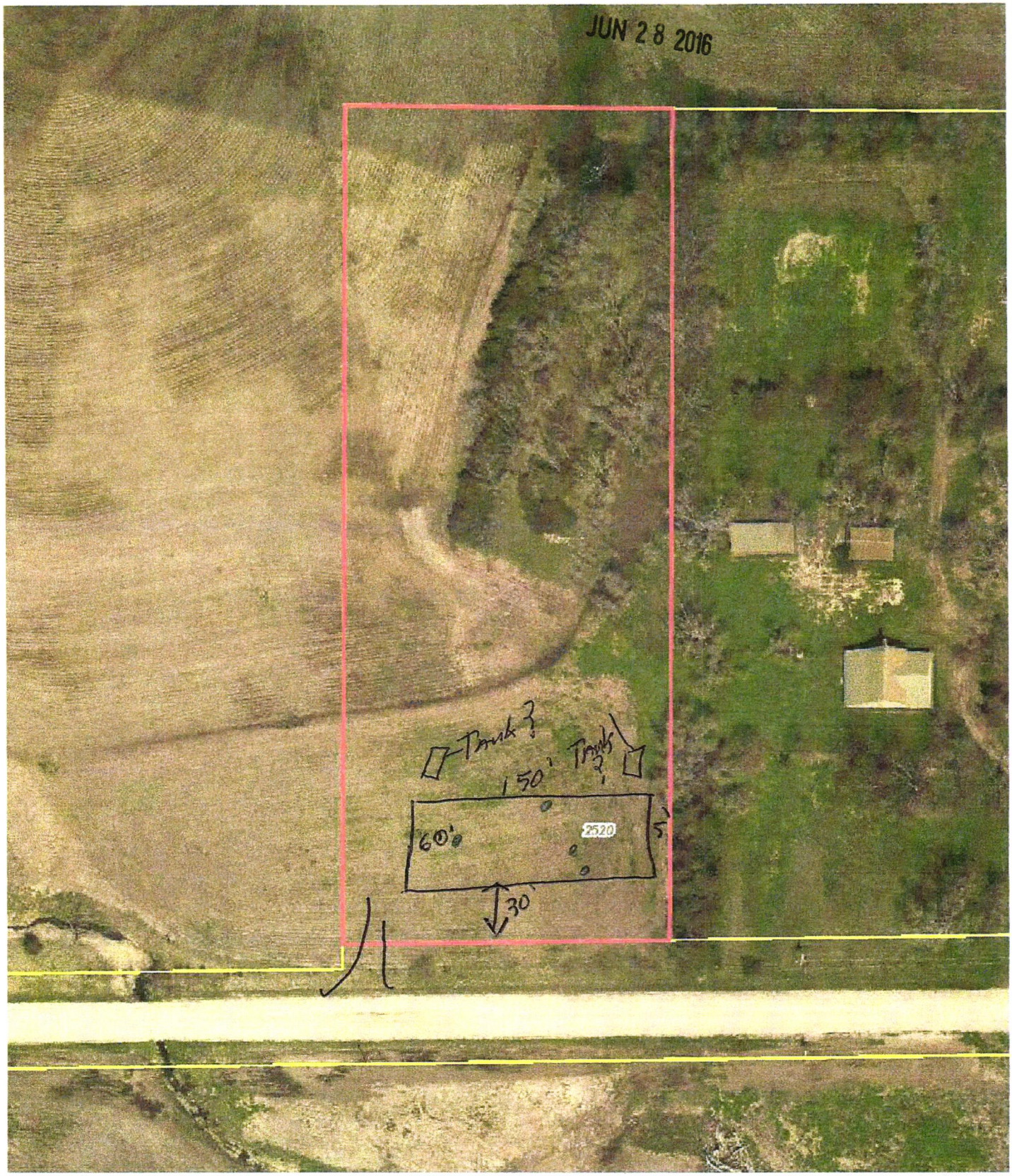
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Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	30 ☒	30 ☒	40 ☒	☒
agoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

ome Building Contractor Robert P. Chaney Date 6/24/16

staller Kevin L. Gabrenya Date 6/24/16



Lancaster County/City of Lincoln GIS Map

PHB - Dustin 402-476-6599 x106 2520 Wittstruck Rd, Martell, NE 68404

N
W E
S

Printed: Jun 11, 2016

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JUN 2 8 2016

SITE PLAN

ADDRESS

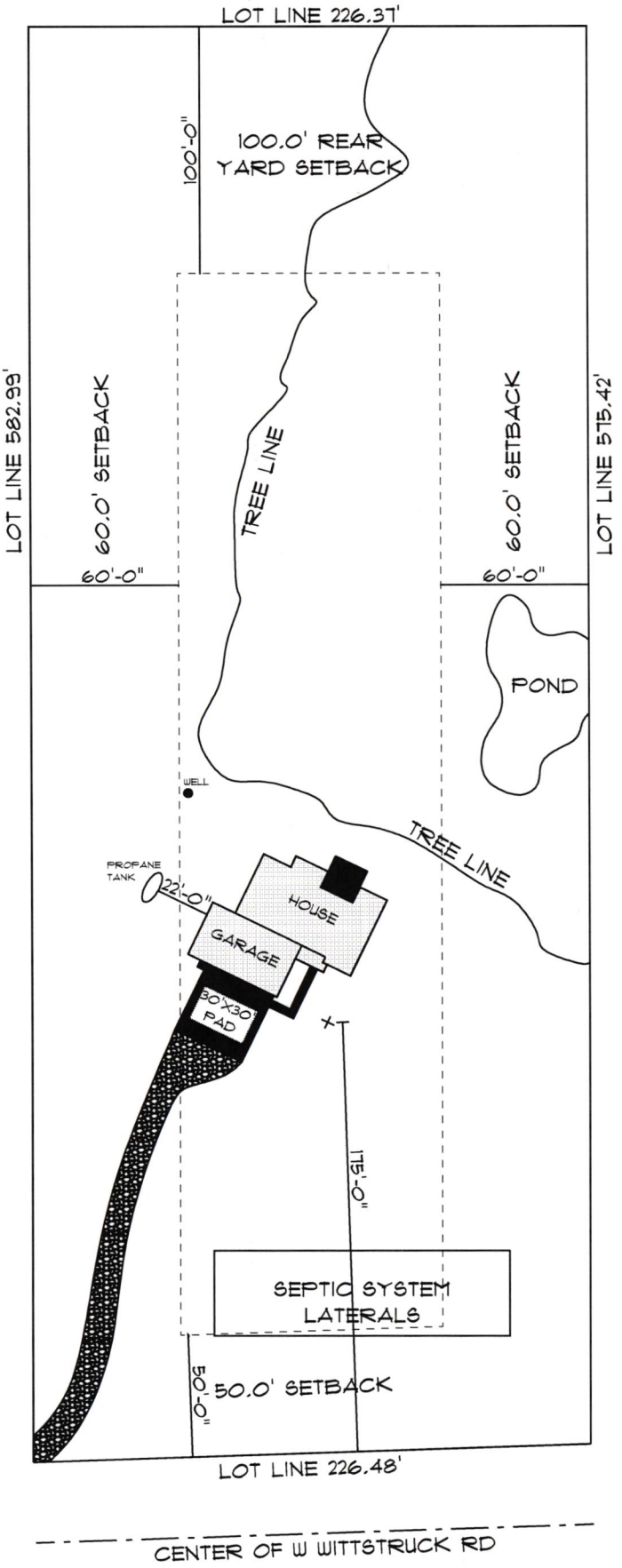
????? W WITTSTRUCK RD
MARTELL, NEBRASKA 68404
LANCASTER COUNTY

LEGAL DESCRIPTION

BRANDT ADDITION
LOT 2

N

SCALE:
1" = 75'-0"



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:

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) 2520 W. Wittstruck rd, Martell, NE 68404

Owner: Lucas Siel & Kerra Grantski Address P.O. Box 307 Utica, NE 68456

A. Wastewater Piping

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

B. Septic Tank

1. Material Concrete
2. Capacity: 1,500
3. Depth to top of tank, below unfinished grade: 12-18 in.
4. Distance to:
   Well 160' + ft.
   Pressure line N/A ft
   Property Line 50' + ft.
   Foundation 85' ft.

C Distribution Box or Drop Box

Distance and Direction from septic tank: 4 ft. S

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☒ Chamberless ☐ Other
   Material brand and inside width of Chamberless: BDS ARC 26 29"
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 100 ft. 95 ft. 100 ft. 95
4. Drainfield size: 1413 sq. ft.
5. Distance to:
   Well 100' + ft.
   Pressure line N/A ft.
   Property line 50' + ft.
   Depth of Groundwater 28

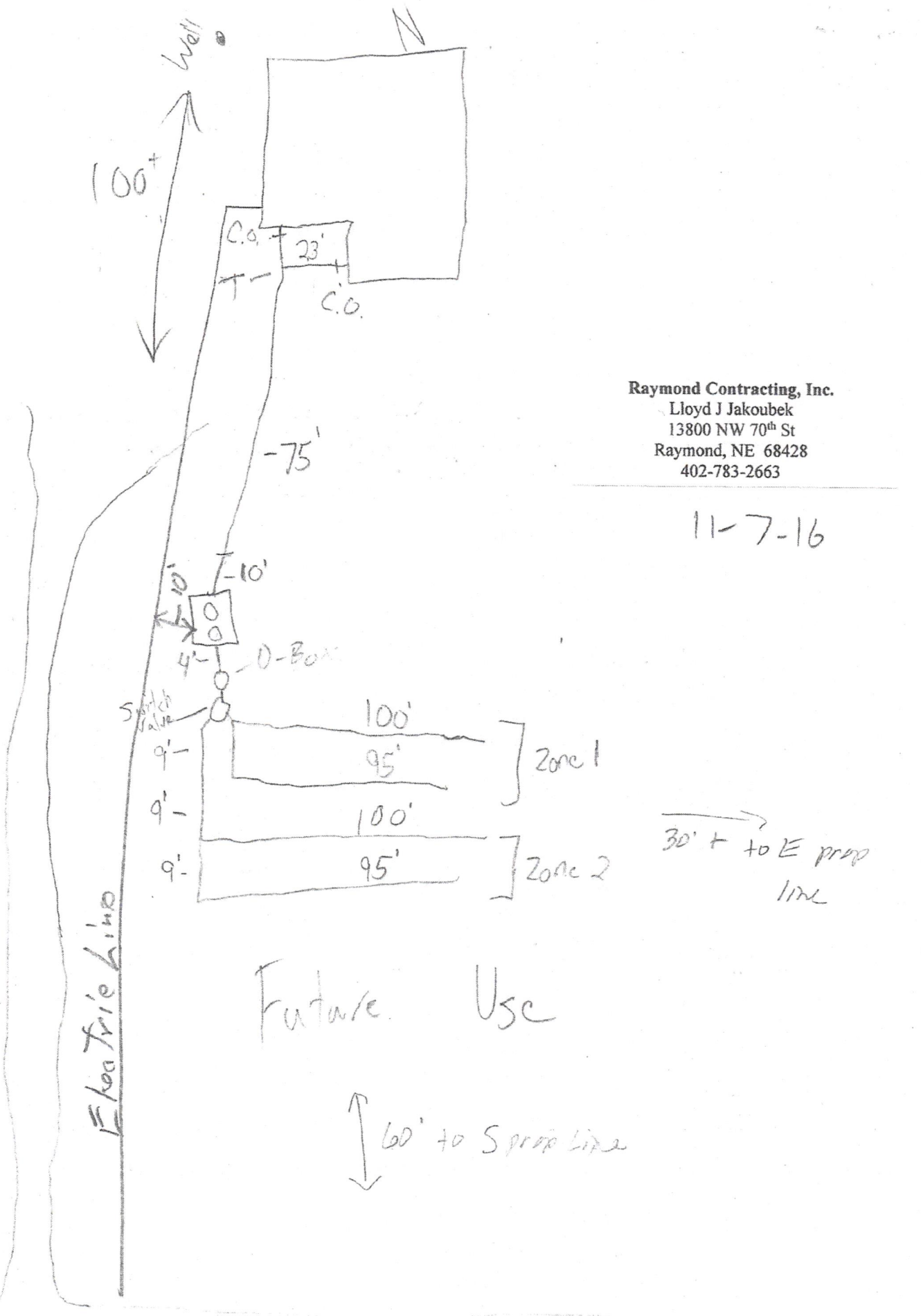
Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No partially

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: Kenneth Johnsen Date: 11/7/16

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



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

11-7-16

Wkttstruck AD