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

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000461

System Type: STANDARD

Situs:

Legal Description: T09N-R06E-S17-2-Lot 8

Owner: BRICHKA, VASILIY V & YELENA A
1560 SW 11 PL
LINCOLN NE
68522

Permit Fee:	$335.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$335.00
Issued:	11/22/2011
Expires:	11/21/2012

Judith A Halstead

Judith A. Halstead, MS, Health Director

On-site Waste System Permit Holder:

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
13800 NW 70TH
RAYMOND NE 68428

LLCHD HS000461

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

SCANNED

A

Permit Number HS000461

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 3000 W. Pleasant Hill Rd. (no rural route) City Lincoln, NE Zip 68523

Legal Description NE 17 9N R6E Hitchig Post Hills 2 8
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Lat/Long: PID

B. Owner

Name Yelena and Vasiliy Brichka Signature Yelena Brichka

Address 1560 SW 11th Place City/State/Zip Lincoln, NE 68522

Home Phone 402-477-5333 Work Phone 402-477-5333

C. Certified Installer

Name: Lloyd Johnston, Raymond Contracting Signature Lloyd Johnston (for Lloyd)

Address 13700 Hwy 79 City/State/Zip Raymond, NE 68428

Work Phone 402-783-2463 or 402-570-6009

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 Is there a Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 3

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

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

DO NOT WRITE BELOW THIS LINE

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

1. Health Department
Site visits
Date rec'd 2/14/11
Date frwd 2/14/11
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 2-14-11 Amount Paid 350.00
Received By Barb Cash/Check No. 1060

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

Form A Updated: 5/10

2-15-2011 9: 2:10

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

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000461

System Type: LAGOON

Situs:

Legal Description: T09N-R06E-S17-2-Lot 8

Owner: BRICHKA, VASILIY V & YELENA A
1560 SW 11 PL
LINCOLN NE
68522

Permit Fee:	$335.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$335.00
Issued:	02/14/2011
Expires:	02/14/2012

Judith A Halstead

Judith A. Halstead, MS, Health Director

On-site Waste System Permit Holder:

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
13800 NW 70TH
RAYMOND NE 68428

Nate C. Hartman

From: Mike J. Petersen
Sent: Monday, February 14, 2011 10:18 AM
To: Nate C. Hartman
Subject: RE: 3000 W. Pleasant Hill Rd
Attachments: Mike Petersen2.vcf

Yes. Sorry.



Mike Petersen
Building & Safety Dept.
Plans Examiner II

(402) 441-6445
mjpetersen@lincoln.ne.gov

555 S. 10th Street Room 203
Lincoln, NE 68508

From: Nate C. Hartman
Sent: Monday, February 14, 2011 10:12 AM
To: Mike J. Petersen
Subject: RE: 3000 W. Pleasant Hill Rd

Can I then assume that you will approve my permit application?

Nate Hartman REHS, CCIS
NPDES Program Specialist
Water Quality Section
Lincoln-Lancaster County Health Department

From: Mike J. Petersen
Sent: Monday, February 14, 2011 10:07 AM
To: Nate C. Hartman
Subject: 3000 W. Pleasant Hill Rd

Nate- Hitching Post Hills Lot 8 Block 2 is a buildable lot, not in the flood plain. (3.2 acres) -Mp



Mike Petersen
Building & Safety Dept.
Plans Examiner II

(402) 441-6445
mjpetersen@lincoln.ne.gov

555 S. 10th Street Room 203
Lincoln, NE 68508

Nate C. Hartman

From: Ken D. Schroeder
Sent: Monday, February 14, 2011 11:06 AM
To: Nate C. Hartman
Subject: sewage disposal system permit
Attachments: part of sec 17 9-6.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 8, Block 2 Hitching Post Hills Addition located in the NE 1/4 of Section 17, T19N, R6E of the 6th P.M., Lancaster County, Nebraska. (see attached snapshot of sectional plat)
As always, subject to confirmation of any flood plain elevation issues prior to construction.
Ken.

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

LLCHD HS000461

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

A

Permit Number HS000461

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 3000 W. Pleasant Hill Rd. (no rural route) City Lincoln, NE Zip 68523

Legal Description NE 17 9N R6E Hitchig Rest Hills 2 3
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Lat/Long: _____ PID _____

B. Owner

Name Yelena and Vasiliy Brichka Signature Yelena Brichka

Address 1560 SW 11th Place City/State/Zip Lincoln, NE 68522

Home Phone 402-477-5333 Work Phone 402-477-5333

C. Certified Installer

Name: Lloyd Schweer, Raymond Construction Signature Lloyd Schweer (for Lloyd)

Address 13500 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-783-2403 or 402-890-6009

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 Is there a Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 3

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

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

DO NOT WRITE BELOW THIS LINE

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

1. Health Department
Site visits _____
Date rec'd 2/14/11
Date frwd 2/14/11
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 _____ Amount Paid _____
Received By _____ Cash/Check No. _____

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

Form A Updated: 5/10

2-14-2011 12:19: 8

LLCHD HS000461

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

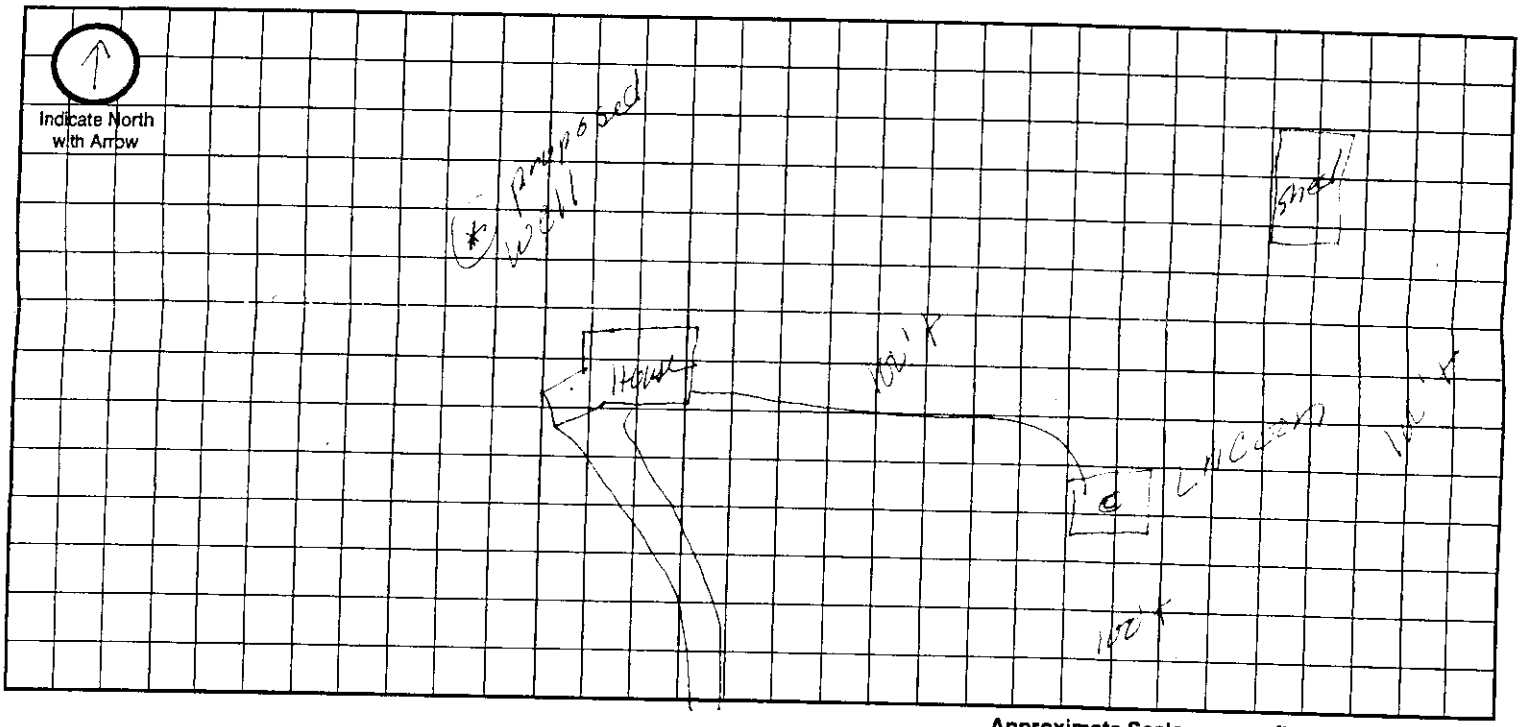
C

Permit Number: HS000461

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 Lincoln NE, Zip 68523

NE 44 17 4-6 2013 Block 2
Wilderness Park Hills

B. Proposed Septic Tank/s

Septic Tank Cap._____ gals Tank Material: ☐ Concrete ☐ Plastic ☐ Other_____ ☐ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percoloation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate_____ (min/inch = mpi) No. of Bedrooms_____ Soil Type_____ Land Slope_____%

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield_____sq.ft.

Total length of laterals_____ Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☐ Other

No. of absorption trenches_____ Width_____ No. of drop boxes_____ 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 _____ Date _____

Installer _____ Date 2-5-11

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

SCANNED

A

Permit Number HS000461

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 3000 W. Pleasant Hill Rd (no rural route) City Lincoln, NE Zip 68523

Legal Description NE 17 9N R6E Hitchig Post Hills 2 8

1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot

Geographical Location (if known): Lat/Long:_____ PID_____

B. Owner

Name Yelena and Vasiliy Brichka Signature Yelena Brichka

Address 1560 SW 11th Place City/State/Zip Lincoln, NE 68522

Home Phone 402-477-5333 Work Phone 402-477-5333

C. Certified Installer

Name: Lloyd Jahnke, Raymond Contracting Signature Kevin L. Jahnke (for Lloyd)

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-783-2663 or 402-890-6009

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 Is there a Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 3

☐ Commercial Establishment/Other Facility Specify_____ Design flow in gallons per day_____

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

DO NOT WRITE BELOW THIS LINE

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

1. Health Department
Site visits_____
Date rec'd 2/14/11
Date frwd 2/14/11
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 Smith
Date 12/6/11

Business Office Use Only
Date Received 2-14-11 Amount Paid 335.—
Received By B. Hall Cash/Check No. 7569

SCANNED

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

SCANNED

Form A Updated: 5/10

NOV 22 2011

B

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

Permit Number: HS000461

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 3360 W Pleasant Hill Rd (no rural route) City Lincoln NE, Zip 68523

Owner Yelena & Vasiliy Brichkin Addresss 13160 SW 11th Pl Lincoln, NE 68522

Soil Type (SCS): silty clay loam Percolation Rate: 60 min./inch

Date of Tests 11/16/11 to 11/17/11 Weather: Precipitation 0 Temperature 45°

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. N. 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)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	20	11/16	8:00a	11/16	12:00p	11/17	12:00p	6	11/17	12:30p	30	1/2	60
2	19	"	"	"	"	"	"	"	"	"	"	2 1/16	15
3	21	"	"	"	"	"	"	"	"	"	"	9/16	54
4	18	"	"	"	"	"	"	"	"	"	"	1/2	60
5	43	"	"	"	"	"	"	"	"	"	"	1 1/8	27
6	41	"	"	"	"	"	"	"	"	"	"	9/16	54

Sum of Percolation Rates: 270

Average of Rates: 45

Rate Used for Calculation: 60 (compliance)

Person Conducting Percolation Tests

Name: Terri L. Jakoubek, Raymond Contracting, Inc.

Phone: 402-783-2663 or 402-890-3870

Address 13800 NW 70th St
Raymond, NE 68428 # C1198

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

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

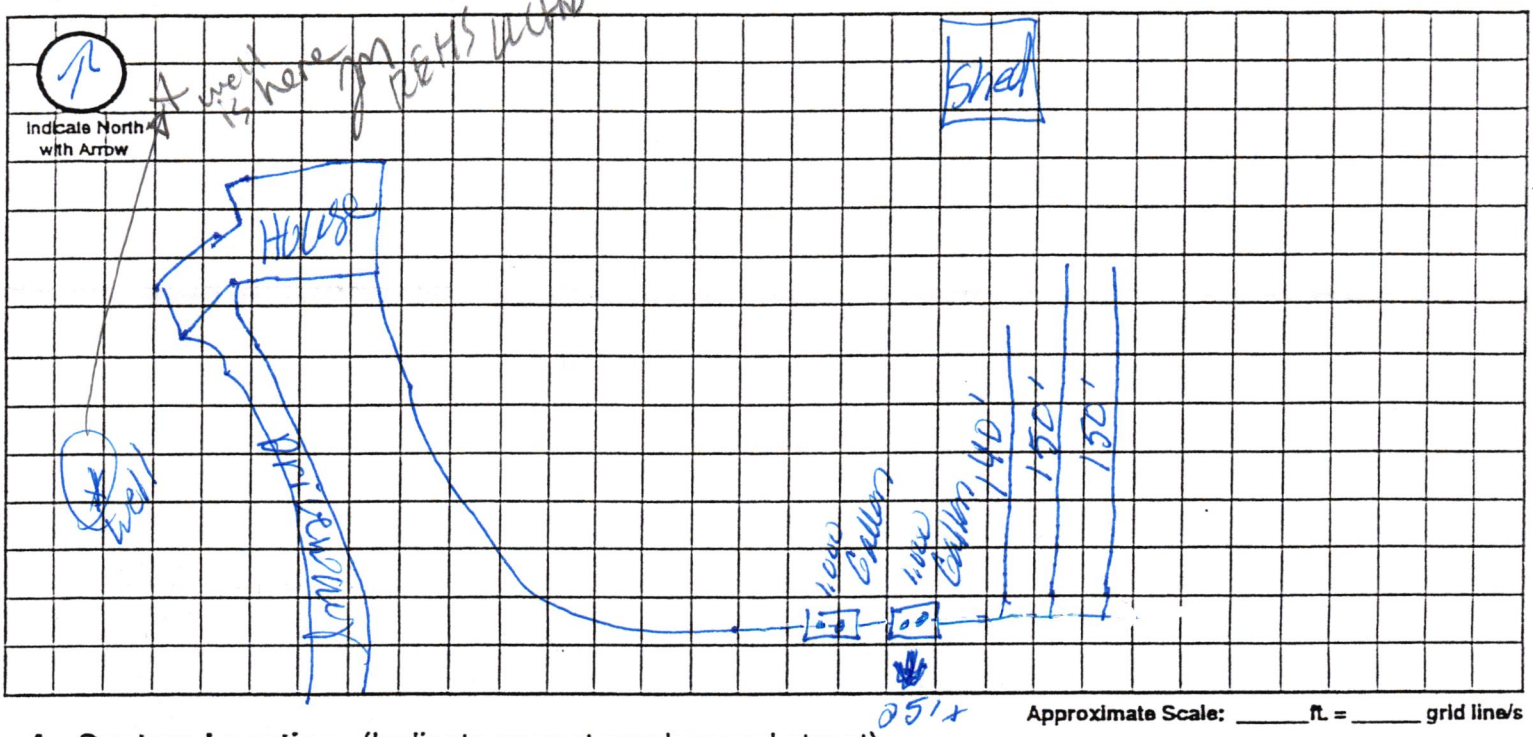
C

Permit Number: HS 600461

Sewage Disposal System

Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



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

A. System Location (Indicate correct number and street)

Address (no rural route) 3300 W Pleasant Hill Rd City Linoln NE, Zip 68523

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 60 (min. per inch) Soil Type: silty clay loam Land Slope: _____ %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 1,750 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: ADS Gravelless chambers

Capacity of Septic Tank 2-1,000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 440 ft. Number of Trenches 3 Trench Width 40"

D. 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 ☐	☐

E. Required Signatures

Home Building Contractor _____ Date _____

Installer [signature] Date 11/18/11

FORM 23-102 10-96

DEC 05 2011

D

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

Permit Number:

Onsite Wastewater Treatment System

As Built Plans & Specifications

Hitching Post Hills

Date 12/1/11 Legal Description NE 1/4 17 1/4 - 9 Section - 6 Township Range Block 2 Lot 8

Onsite System Location

Address (no rural route) Vasiliy + Yelena Brichka City Lincoln NE, Zip 68523

Owner 3000 W Pleasant Hill Rd Address 1560 SW 11th PL Lincoln, NE 68522

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 195 ft.
4. Number of clean-outs: 4
5. Distances to: well or suction line 160 ft.
   stream 100 ft.
   pressure line 100 ft.
   property line 100 ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: Concrete
   Number of compartments: 2
2. Capacity: 2-1000 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24" in.
   Over outlet, diameter 24" in.
   Riser: ☐ above ☐ below grade At Grade in.
5. Inlet: ☑ baffle ☐ tee ☐ 6" dia. inspection pipe
6. Outlet: ☑ baffle ☐ tee ☐ 6" dia. inspection pipe
7. Depth to top of tank, below unfinished grade: 18"-12" in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 40+ ft.

C. ☐ Distribution Box ☑ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: 4 Drop Box Endcaps, Plastic
   Number available outlets: 2 per cap
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 50' ft.

D. Drainfield Absorption

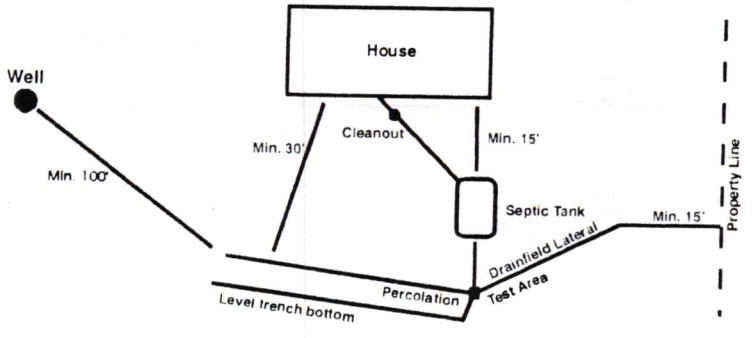
☑ Trench ☐ Bed ☐ Level Bottom

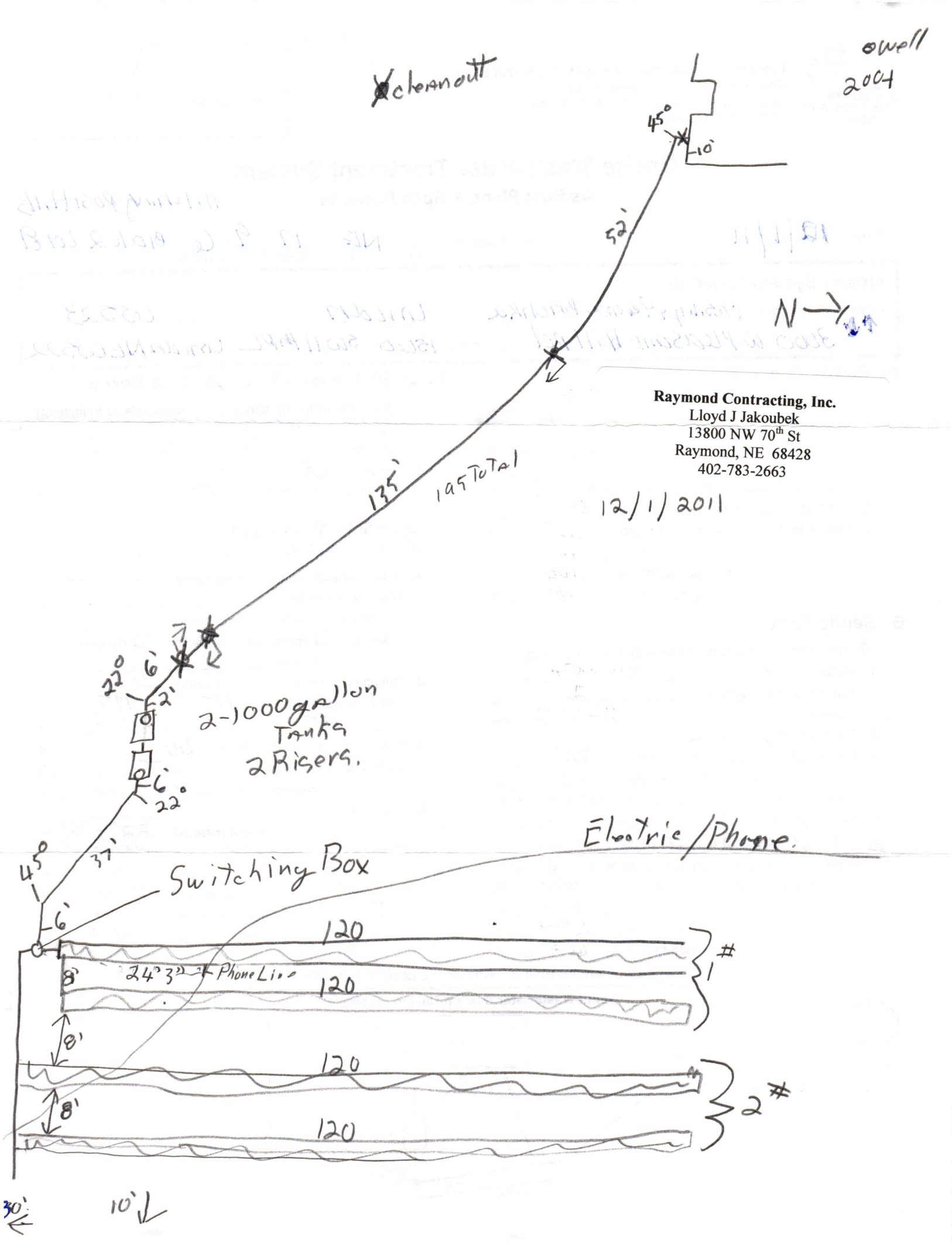
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4
   Length of each line: 115 ft. 115 ft.
   115 ft. 115 ft., 115 ft.
3. Drainfield dimensions: Width 40" ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 22"-36" in
4. Filter material: Soil
   Depth of material 22"-36" in.
5. Distances to: Well or suction line 100+ ft.
   Pressure line 100+ ft.
   Property line 10'-30' ft.
   House or building 100+ ft.
   Lake or Stream 100+ ft.

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

Indicate North with Arrow

Onsite Wastewater System Design (Example)




Cleanout
owell
2004
45°
10'
52'
N
Raymond Contracting, Inc.
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663
12/1/2011
135'
195 Total
22° 6'
2'
2-1000 gallon Tanks
2 Risers.
6'
22°
45°
37'
Switching Box
Electric / Phone.
6'
120
8'
24"3" Phone Line
120
1 #
8'
120
8'
120
2 #
30'
10'