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. HS000838

System Type: Standard

Situs: 10955 W HAINES CIR, RURAL, NE

Issued: 11/19/2013

Expires: 11/19/2014

Description: WEST YANKEE HILL ACRES, Lot 6

Owner: KRAUS, STEVE & DIANE
12897 W SALTILLO RD
DENTON, NE 68339

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
RAYMOND, NE 68428

NOV 1 3 2013

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

A

Permit Number 15000838

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 10455 W Haines Cir (no rural route) City Denton NE Zip 68339

Legal Description NW 28 9N 5E Yankee Hill Acres 6

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

PID 07-28-101-006-000

B. Owner

Name Robert Champoux Signature Robert Champoux

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

Home Phone 402-476-6599 Work Phone 402-730-7301

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature Kenneth Jakoubek for Lloyd

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

Work Phone 402-890-4009

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 Garbage Grinder? ☒ Yes ☐ No Total Acres 0.669

☐ 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 11/18/13
Date frwd 11/18/13
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 11-18-13
Date frwd 11-18-13
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 11-18-13
Date frwd 11-18-13
ACTION ☒ Approved ☐ Disapproved
Signature Jim Ploughe

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 11/18/13 Amount Paid 345.00
Received By SB Cash/Check No. 8259

7206 7422 7466 7509

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

Form A Updated: 1/13

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

B

Permit Number:

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 10955 W Haines Cir (no rural route) City Denton NE, Zip 68339

Owner Rob Champoux Address 2045 S. Folsom St Lincoln NE 68522

Soil Type (SCS): Mayberry SCL (sandy clay loam) Percolation Rate: 48 min./inch

Date of Tests 11/10/2013 to 11/11/2013 Weather: Precipitation 0 Temperature 35°

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	26	11/10	10:00a	11/10	2:00p	11/11	11:30a	6	11/11	12:00p	30	1 1/2	20
2	23	"	"	"	"	"	"	"	"	"	"	1 1/16	28
3	24	"	"	"	"	"	"	"	"	"	"	5/8	48
4	22	"	"	"	"	"	"	"	"	"	"	2 3/16	14
5	28	"	"	"	"	"	"	"	"	"	"	1 13/16	17
6	27	"	"	"	"	"	"	"	"	"	"	11/16	43

Person Conducting Percolation Tests

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

Phone: 402-783-2003 or 402-890-3870

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

Sum of Percolation Rates: 170

Average of Rates: 28

Rate Used for Calculation: 48 (20 mpi Variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

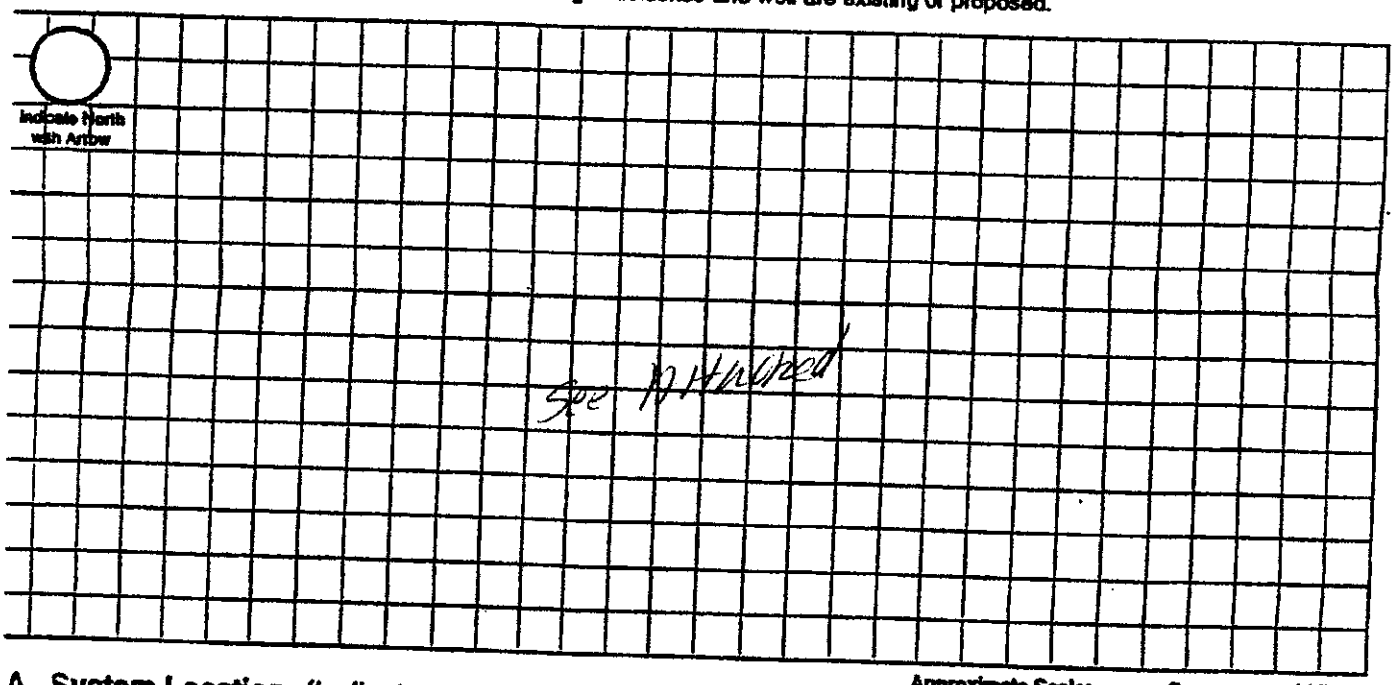
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

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) 10955 W Haines Cir City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 48 (min. per inch) Soil Type: Pawnee Clay Loam (Some Sand) Land Slope: _____ %

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

Total Square Feet of Field Required: 1320 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: PVC Corrugated Chambers

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 330 ft. Number of Trenches 3 Trench Width 40"

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

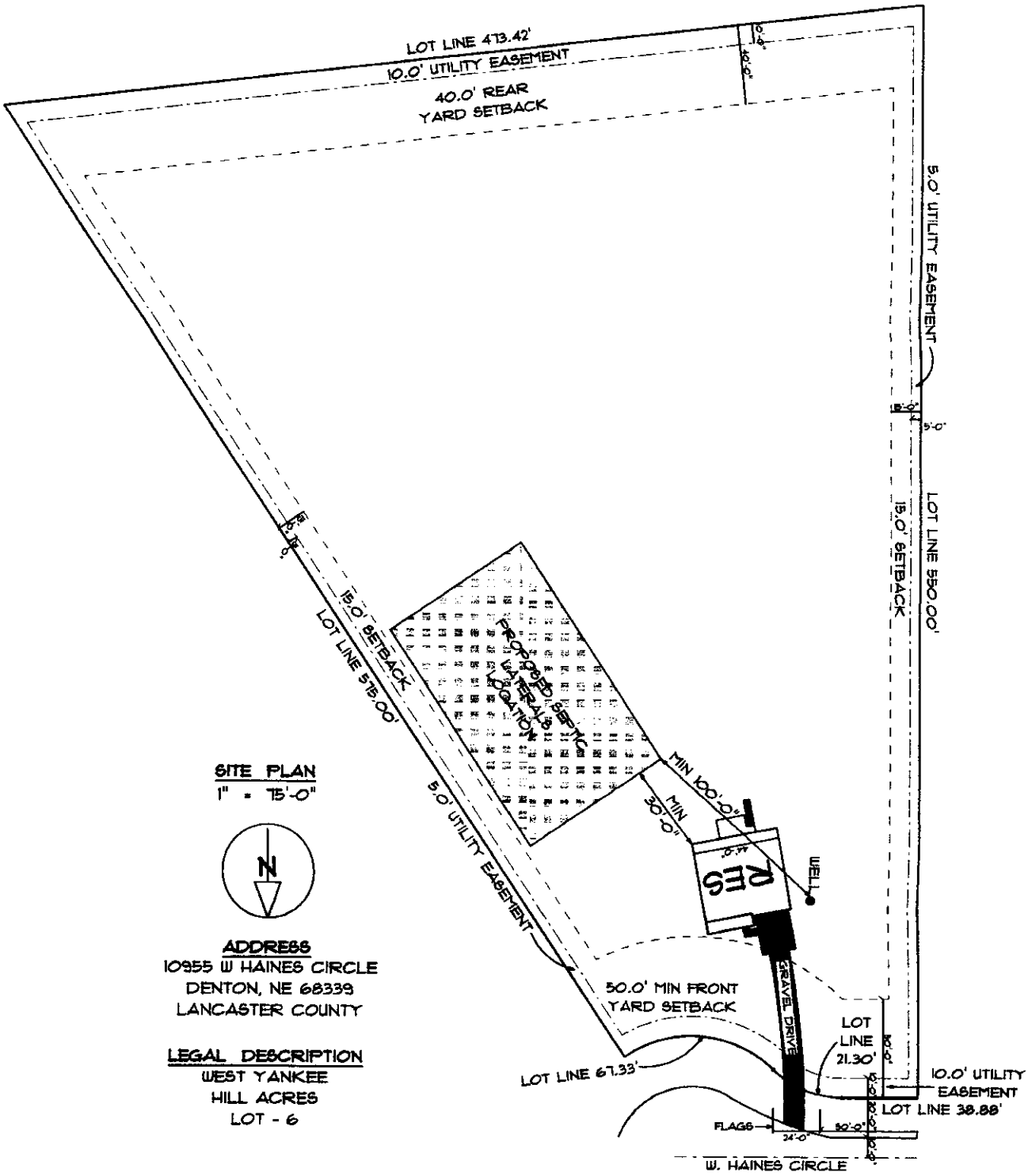
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☐	25 ☑	20 ☑	15 ☑	25 ☑	☑
Field (ft)	100 ☑	500 ☑	50 ☑	4 ☑	30 ☑	20 ☑	30 ☐	40 ☑	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐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

E. Required Signatures

Home Building Contractor Robert Clem Date 11-12-13

Installer Ric L Johnson Date 11/12/13

SM 23-102 10-96



SITE PLAN
1" = 75'-0"

N

ADDRESS
10955 W HAINES CIRCLE
DENTON, NE 68339
LANCASTER COUNTY

LEGAL DESCRIPTION
WEST YANKEE
HILL ACRES
LOT - 6

HEALTH DEPARTMENT

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
LAGOON/SEPTIC INSPECTION REPORT

Permit No. 838 Certified Installer: Lloyd Jirkovsky

Address: 10955 W. Hayes Ct

Circle compliance status for each item. **IN = in compliance OUT = not in compliance NA = not applicable NO = not observed**

LAGOON SETBACKS

COMMENTS

				Item	MIN. SETBACK DISTANCE – FT. (METERS)	
IN	OUT	NA	NO	Surface Wtr. Distance from Wtr. Mark	50 ft. (15.2 m)	
IN	OUT	NA	NO	Private Drinking Water Wells	100 ft. (30.5 m)	
IN	OUT	NA	NO	Public Drinking Water Supply Wells:		
IN	OUT	NA	NO	Non-Community	100 ft. (30.5 m)	
IN	OUT	NA	NO	Community	Evaluated by a professional engineer for potential impact on the well and submitted to the Dept. for approval if less than 1000 ft. (304.8 m)	
IN	OUT	NA	NO	All Other Water Wells	100 ft. (152.4 m)	
IN	OUT	NA	NO	Water Lines:		
IN	OUT	NA	NO	Pressure Main	25 ft. (7.6 m)	
IN	OUT	NA	NO	Pressure-Service Connection	25 ft. (7.6 m)	
IN	OUT	NA	NO	Suction Line	100 ft. (30.5 m)	
IN	OUT	NA	NO	Property Lines	50 ft. (15.2 m)	
IN	OUT	NA	NO	Trees and Brush	50 ft. (15.2 m)	
IN	OUT	NA	NO	Foundations: (see definition above)		
IN	OUT	NA	NO	Except Neighbor's Foundation:		
IN	OUT	NA	NO	Class 1	100 ft. (30.5 m)	
IN	OUT	NA	NO	Class 2	100 ft. (30.5 m)	
IN	OUT	NA	NO	Class 3	50 ft. (15.2 m)	
IN	OUT	NA	NO	Neighbor's Foundation:		
IN	OUT	NA	NO	Class 1	200 ft. (61.0 m)	Lagoon Dimensions:
IN	OUT	NA	NO	Class 2	200 ft. (61.0 m)	
IN	OUT	NA	NO	Class 3	100 ft. (30.5 m)	

TANK AND SOIL ABSORPTION SYSTEM SETBACKS

COMMENTS

				Item	MIN. SETBACK DISTANCE – FT. (METERS) Tanks	Absorption, Infiltrative & Evaporative Systems	
IN	OUT	NA	NO	Surface Water	50 ft. (15.2 m)	50 ft. (15.2 m)	
IN	OUT	NA	NO	Private Drinking Water Wells	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Public Drinking Water Supply Wells:			
IN	OUT	NA	NO	Non-Community System	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Community System	500 ft. (152.4 m)	500 ft. (152. 4 m)	
IN	OUT	NA	NO	Community System when a septic system or soil absorption system of > 1000 gpd is proposed	500 ft. (152.4 m)	Evaluated by professional engineer for potential impact on the well and submitted to the Depart. for approval if less than 1000 ft.	
IN	OUT	NA	NO	All Other Water Wells	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Water Lines:			
IN	OUT	NA	NO	Pressure-Main	10 ft. (3.1 m)	25 ft. (7.6 m)	
IN	OUT	NA	NO	Pressure-Service – Connection	10 ft. (3.1 m)	25 ft. (7.6 m)	
IN	OUT	NA	NO	Suction Lines	50 ft. (15.2 m)	100 ft. (30.5 m)	
IN	OUT	NA	NO	Property Lines	5 ft. (1.5 m)	5 ft. (1.5 m)	
IN	OUT	NA	NO	Parking area, driveway, sidewalk or other impermeable surface or cover	5 ft. (1.5 m)	5 ft. (1.5 m)	
IN	OUT	NA	NO	Foundations: (see definitions above)			
IN	OUT	NA	NO	Except Neighbor's Foundation:			
IN	OUT	NA	NO	Class 1	15 ft. (4.6 m)	30 ft. (9.1 m)	
IN	OUT	NA	NO	Class 2	10 ft. (3.1 m)	20 ft. (6.1 m)	Septic Tank Size: 1500
IN	OUT	NA	NO	Class 3	7 ft. (2.1 m)	10 ft. (3.1 m)	
IN	OUT	NA	NO	Neighbor's Foundation:			
IN	OUT	NA	NO	Class 1	25 ft. (7.6 m)	40 ft. (12.2 m)	Lateral Sq. Footage: 330 ft
IN	OUT	NA	NO	Class 2	20 ft. (6.1 m)	30 ft. (9.1 m)	
IN	OUT	NA	NO	Class 3	15 ft. (4.6 m)	20 ft. (6.1 m)	

Inspected By: _____ Date: 5/12/14

SCANNED

NOV 1 3 2013

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

A

Permit Number 1K000838

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 10955 W Haines Cir (no rural route) City Denton NE Zip 68339

Legal Description NW 28 9N 5E Westhaven Hill Acres 6

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

PID 03-28-101-006-000

B. Owner

Name Robert Champoux Signature Robert Champoux

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

Home Phone 402-476-6599 Work Phone 402-730-7301

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting, Inc Signature Kevin L. Schmeeckle for Lloyd

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

Work Phone 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 4 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 8.69

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 11/15/13
Date frwd 11/18/13
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 11-18-13
Date frwd 11-18-13
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 11-18-13
Date frwd 11-18-13
ACTION ☒ Approved ☐ Disapproved
Signature Jim Plough

Installation Final Written Approval
By
Date 5/12/14

Business Office Use Only
Date Received 11/18/13 Amount Paid 365.00
Received By SB Cash/Check No. 8259

7206 7422 7666 75

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

Form A Updated: 1/13

MAY 14 2014

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

D

Permit Number: HS000838

Onsite Wastewater Treatment System

As Built Plans & Specifications

West Yankee Hills Acres Lot 6

Date May 9, 2014 Legal Description NW 1/4 1/4 28-9N-5E Section Township Range

Onsite System Location

Address (no rural route) 10955 W Haines Cir City Denton NE, Zip 68339

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

A. Sewer Pipe

1. Material: Plastic SDR26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 56 ft.
4. Number of clean-outs: one
5. Distances to: well or suction line 100 ft.
   stream 100 ft.
   pressure line 100 ft.
   property line 20 ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: concrete
   Number of compartments: one
2. Capacity: 1500 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade AT 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: 12 in.
8. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 20 ft.

C. ☐ Distribution Box ☐ Drop Boxes

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

1. Material: 3 Endcaps. Plastic
   Number available outlets: 2per cap.
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 7'+9'+9' ft.

D. Drainfield Absorption

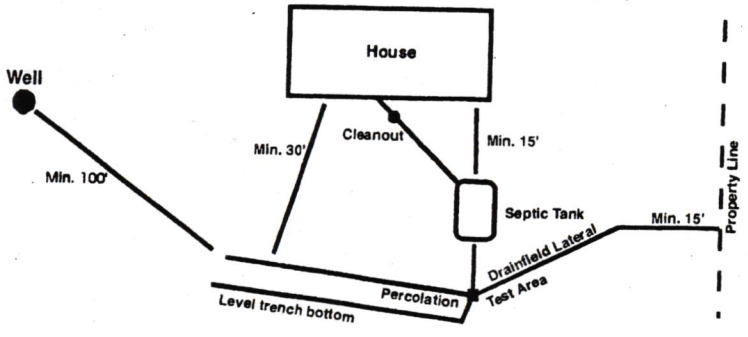
☑ Trench ☐ Bed ☐ Level Bottom

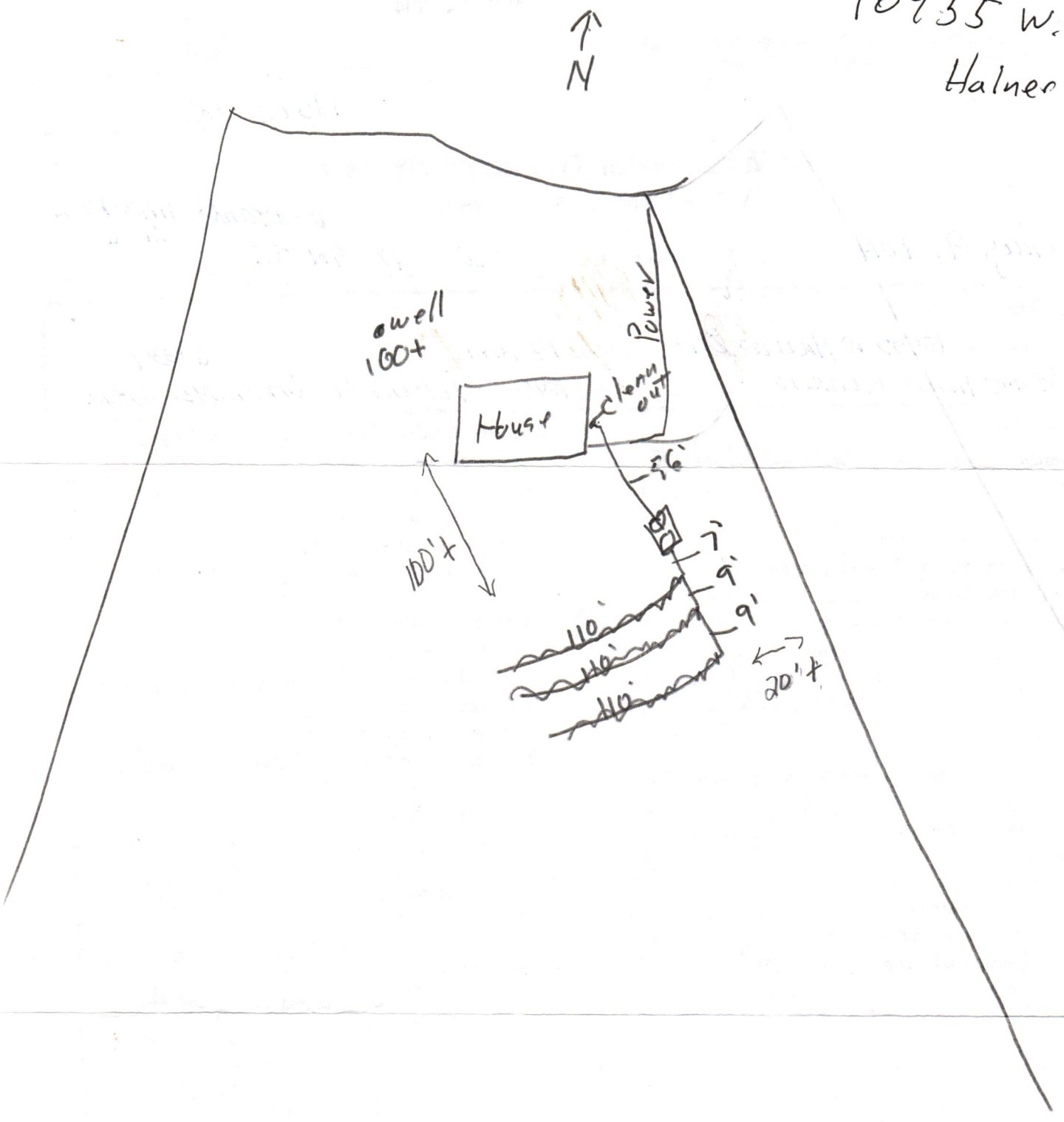
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 3
   Length of each line: 110 ft. 110 ft.
   110 ft. _____ ft., _____ ft.
3. Drainfield dimensions: Width 40 ft.
   Distribution Pipe Slope FLAT in/100 ft.
   Average depth 28x32 in
4. Filter material: Soil
   Depth of material 28-32 in.
5. Distances to: Well or suction line 100 ft.
   Pressure line 100 ft.
   Property line 20 ft.
   House or building 56 ft.
   Lake or Stream 100 ft.

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

Onsite Wastewater System Design (Example)

Indicate North with Arrow





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