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

APR 2 2 2013

A

Permit Number H5000739

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 15090 S. 150th Ct (no rural route) City Bennet, NE Zip 68317

Legal Description NW 10 8 8 Pheasant Ridge 8

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

PID 21-10-101-008-000

B. Owner

Name Thomas & Joanne Catlett Signature [signature]

Address 7331 S. 28th St City/State/Zip Lincoln, NE 68516

Home Phone 402- Work Phone 402-217-5816

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Signature [signature] for Lloyd

Address 13900 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-790-6009

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 4.75

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. 12-30

1. Health Department

Site visits

Comments

Date rec'd 4/24/13 Date frwd 4/24/13

ACTION ☐ Approved ☐ Disapproved Signature [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 4-25-13 Amount Paid 355.00

Received By BA Cash/Check No. 8087

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

Form A Updated: 1/13

APR 2 2 2013

B

Permit Number:

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

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 15090 S. 150th Ct (no rural route) City Bennet NE, Zip 68317

Owner Thomas & Joanne Catlett Address 7331 S. 28th St Lincoln, NE 68516

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

Date of Tests 4/14/2013 to 4/15/2013 Weather: Precipitation D Temperature 38°

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	4/14	9:00a	4/14	1:00p	4/15	11:00a	6	4/15	11:30a	30	1/2	60
2	27	"	"	"	"	"	"	"	"	"	"	9/16	54
3	30	"	"	"	"	"	"	"	"	"	"	5/8	48
4	35	"	"	"	"	"	"	"	"	"	"	7/8	34
5	24	"	"	"	"	"	"	"	"	"	"	11/16	43
6	21	"	"	"	"	"	"	"	"	"	"	1/2	60

Person Conducting Percolation Tests

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

Phone: 402-783-2163 or 402-890-3870

Address 13800 NW 70th St

Raymond, NE 68428 # C1198

Sum of Percolation Rates: 299

Average of Rates: 50

Rate Used for Calculation: 60 (20 min Variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

APR 2 2 2013

C

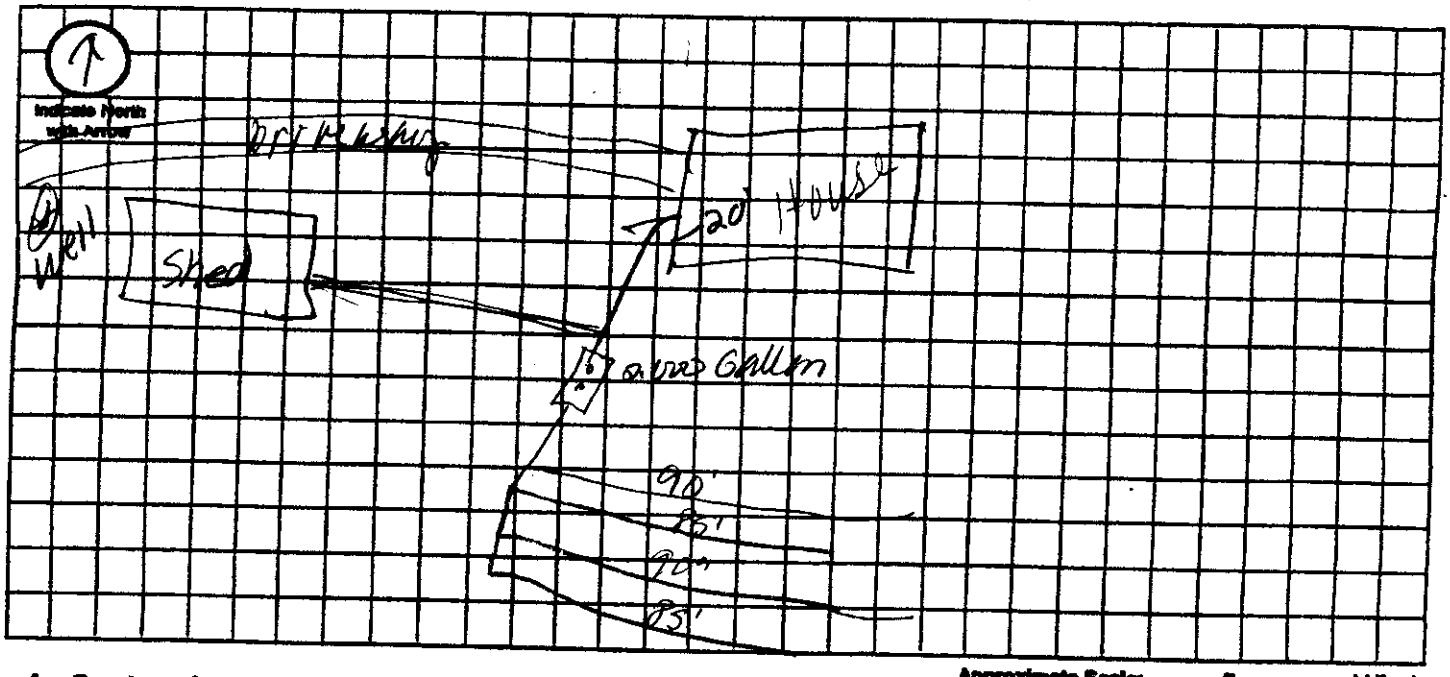
Permit Number:

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

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 lines

A. System Location (Indicate correct number and street)

Address (no rural route) 15060 S 15th Ct City Bennet NE, Zip 68317

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 1&D (min. per inch) Soil Type: Silty clay loam Land Slope: _____ %

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

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

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

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

Total Length of Laterals 350 ft. Number of Trenches 4 Trench Width 40"

D. 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	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 4-19-13

Installer Kevin L Johnson Date 4-18-13

FORM 23-102 10-96

House Already Built - 1 mile jurisdiction of Bennet

APR 22 2013



Lancaster County/City of Lincoln GIS Map

Thomas Cutler Septic

15090 S. 150th St Bennet

Printed Apr 19, 2013

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.

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. HS000739

System Type: Standard

Situs: 15090 S 150 CT, RURAL, NE

Issued: 5/1/2013

Expires: 4/24/2014

Description: PHEASANT RIDGE ADDITION, Lot 8

Owner: CATLETT, THOMAS B & JOANNE
7331 S 28 ST
LINCOLN, NE 68516

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
13800 NW 70TH
RAYMOND, NE 68428

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. HS000739

System Type: Standard

Situs: 15090 S 150 CT, RURAL, NE

Issued: 5/1/2013

Expires: 5/1/2014

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Owner: CATLETT, THOMAS B & JOANNE
7331 S 28 ST
LINCOLN, NE 68516

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
13800 NW 70TH
RAYMOND, NE 68428

SCANNED

APR 2 2 2013

A

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

Permit Number H5000739

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 15090 S. 150th Ct (no rural route) City Bennet, NE Zip 68317

Legal Description NW 10 8 8 Pheasant Ridge 8

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

PID 21-10-101-008-000

B. Owner

Name Thomas & Joanne Catlett Signature

Address 7331 S. 28th St City/State/Zip Lincoln, NE 68516

Home Phone 402- Work Phone 402-217-5816

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Signature Lloyd

Address 13860 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 4.75

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 5/14 - tank + line Date rec'd 4/24/13

Date frwd 4/24/13

Comments

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 5/16/13

Business Office Use Only

Date Received 4-25-13 Amount Paid 355.00

Received By BC Cash/Check No. 8087

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

Form A Updated: 1/13

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

APR 22 2013

A

Permit Number

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 15090 S. 150th Ct (no rural route) City Bennet NE Zip 68317

Legal Description NW 10 8 8 Pheasant Ridge 8
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 21-10-101-008-000

B. Owner

Name Thomas & Joanne Catlett Signature

Address 7331 S. 28th St City/State/Zip Lincoln, NE 68516

Home Phone 402- Work Phone 402-217-5916

C. Certified Installer

Name: Lloyd Jelinek, Raymond Contracting Signature for Lloyd

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

Work Phone 402-790-6009

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 4.75
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
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments OK
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: 1/13

SCANNED APR 2 2 2013

B

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

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 15090 S. 150th Ct (no rural route) City Bennet NE, Zip 68317

Owner Thomas & Joanne Catlett Addresss 7331 S. 28th St Lincoln, NE 68516

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

Date of Tests 4/14/2013 to 4/15/2013 Weather: Precipitation D Temperature 38°

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	4/14	9:00a	4/14	1:00p	4/15	11:00a	6	4/15	11:30a	30	1/2	60
2	27	"	"	"	"	"	"	"	"	"	"	9/16	54
3	30	"	"	"	"	"	"	"	"	"	"	5/8	48
4	35	"	"	"	"	"	"	"	"	"	"	7/8	34
5	24	"	"	"	"	"	"	"	"	"	"	11/16	43
6	21	"	"	"	"	"	"	"	"	"	"	1/2	60

Person Conducting Percolation Tests

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

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

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

Sum of Percolation Rates: 299

Average of Rates: 50

Rate Used for Calculation: 60 (20 mpi Variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

SCANNED

APR 2 2 2013

C

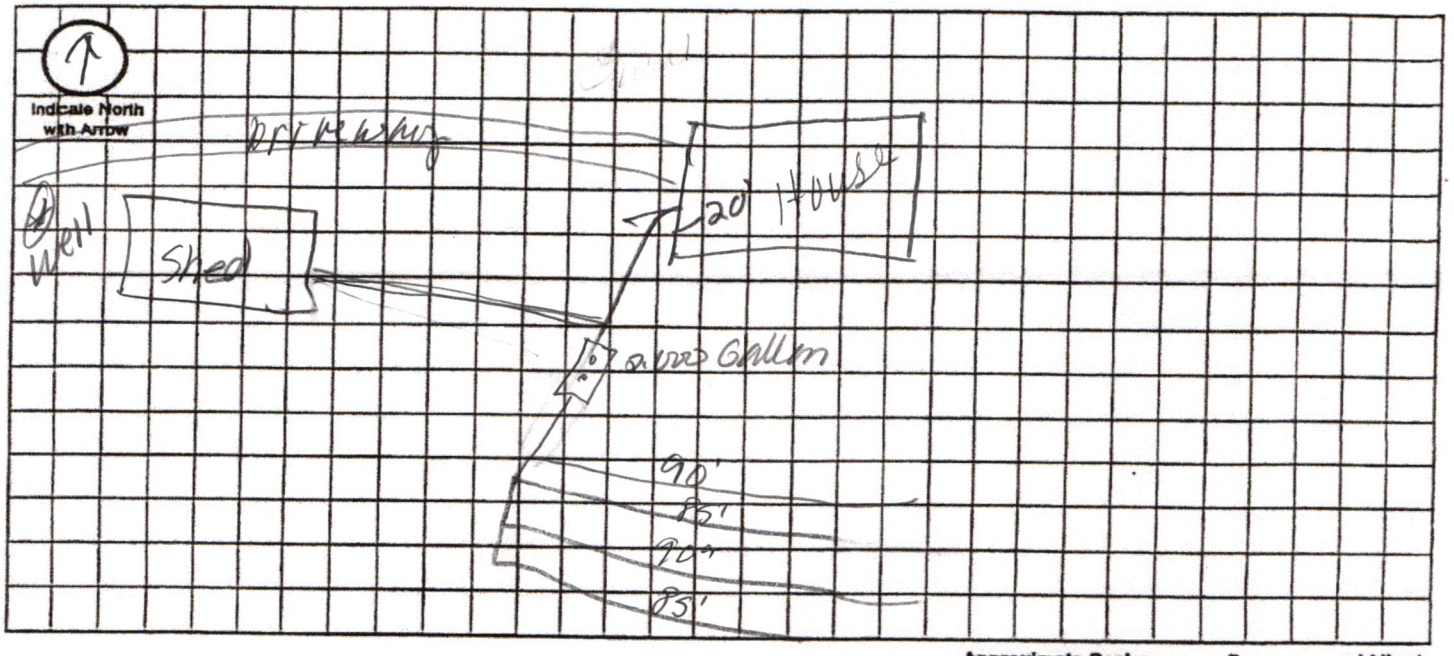
Permit Number:

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

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) 15060 S. 156th Ct City Bennet NE, Zip 68317

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: _____ sq. ft.

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

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

Total Length of Laterals 350 ft. Number of Trenches 4 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 4-19-13

Installer _____ Date 4-18-13

FORM 23-102 10-96

SCANNED

House Already Built - 1 mile jurisdiction of Bennet

APR 22 2013



N
W E
S

Lancaster County/City of Lincoln GIS Map

Thomas Cathi Septic 15090 S. 150th Ct Bennet

Printed Apr 19, 2013

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.

MAY 17 2013

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

Date May 15, 2013 Legal Description NW 1/4 1/4 10-8-8 Pheasant Ridge Lot 8
Section Township Range

Onsite System Location

Address (no rural route) 15050 S. 150th Ct City Bennet NE, Zip 68317

Owner Thomas & Joann Catlett Address 7331 S. 28th St Lincoln, NE 68516

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 55' 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 100+ ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: concrete
   Number of compartments: one
2. Capacity: 2000 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: 12-18 in.
8. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 100 ft.

C. ☐ Distribution Box ☑ Drop Boxes

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

1. Material: Switching Box - plastic
   Number available outlets: 4 - End cap Drop 2 per Box
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 68" To Switch ft.

D. Drainfield Absorption

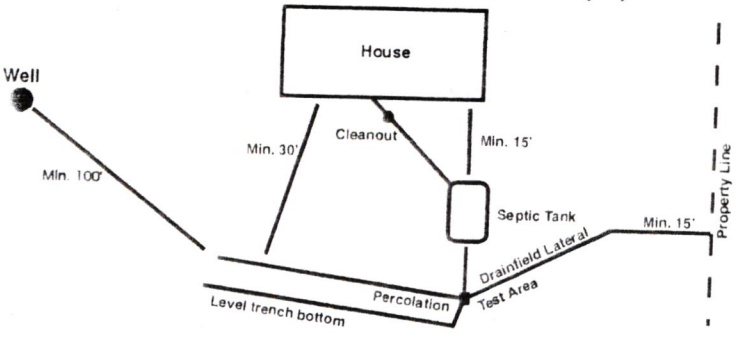
☑ Trench ☐ Bed ☐ Level Bottom

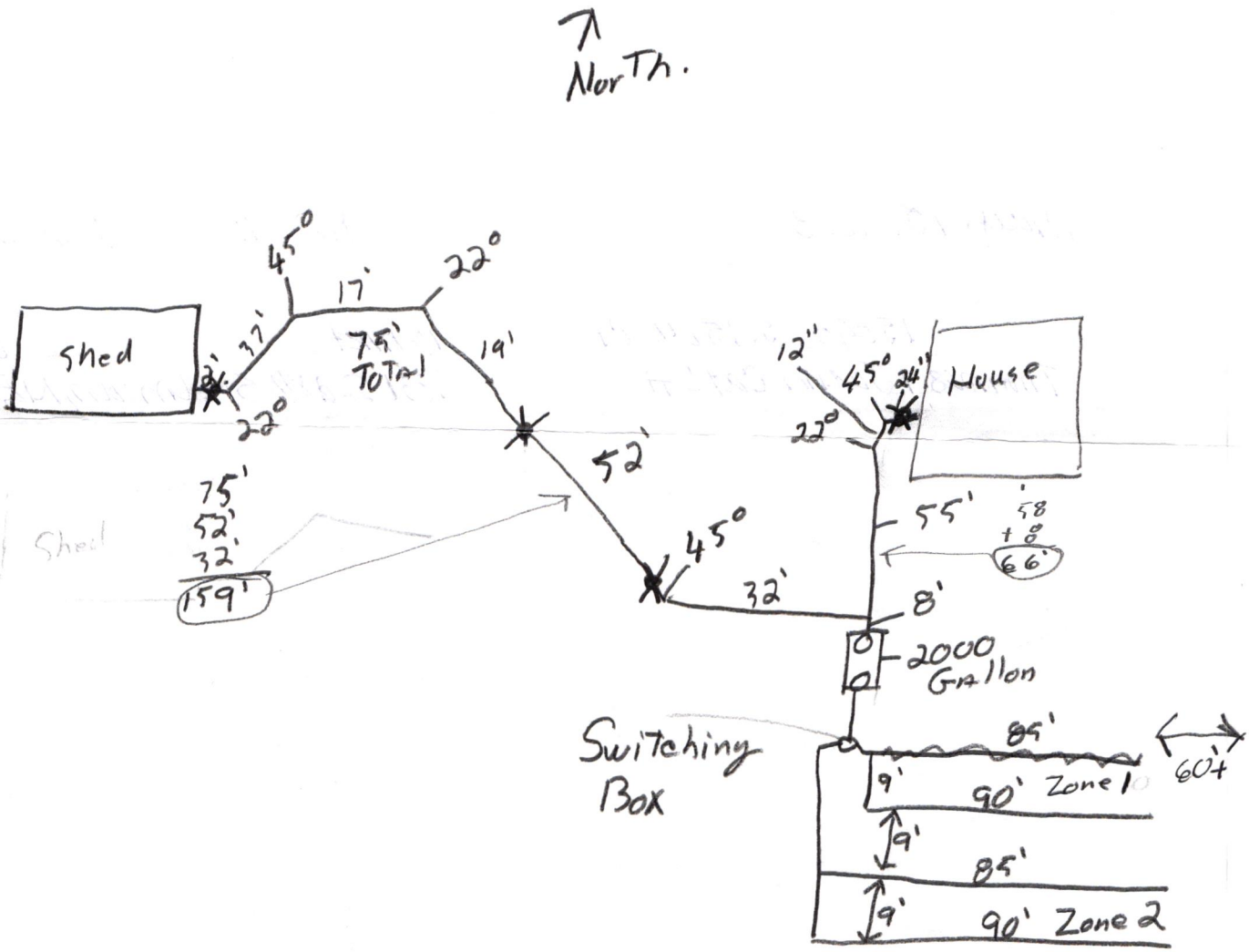
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4
   Length of each line: 90 ft. 85 ft.
   90 ft. 85 ft., _____ ft.
3. Drainfield dimensions: Width 40 ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 27-32 in
4. Filter material: Soin
   Depth of material 27-32 in.
5. Distances to: Well or suction line 100 ft.
   Pressure line 100 ft.
   Property line 100 ft.
   House or building 100 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

4/15/2013.