LLCHD HS000654

AUG 13 2012

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

A

Permit Number HS000654

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 Not yet available (no rural route) City Raymond, NE Zip 68332

Legal Description NE 27 12 6e 20
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Lat/Long: PID 13-27-200-003-000

B. Owner

Name Mark + Bobbie Rappl Signature

Address 2730 N. 4th St City/State/Zip Lincoln, NE 68521

Home Phone 402-432-2612 Work Phone

C. Certified Installer

Name: Lloyd Jakubek, Raymond Contracting Signature Kim L. Johnson for Lloyd

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

Work Phone 402-880-6065

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 Is there a Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 11.77

☐ 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. 02-39

1. Health Department
Site visits
Date rec'd 8/14/12
Date frwd 8/14/12
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 8/14/12
Date frwd 8/14/12
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 8-14-12
Date frwd 8-14-12
ACTION ☒ Approved ☐ Disapproved
Signature Jim Ploughe

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 8-14-12 Amount Paid 345.-
Received By 345.- Cash/Check No. 1944

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

Form A Updated 5/10

8-15-2012 8:55:29

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

W Denney Rd & N 12th St
PID 13-27-200-003-000

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address not yet available (no rural route) City Denney NE, Zip 68336

Owner Mark & Bobbie Rappl Addresss 2730 N. 4th St Lincoln, NE 68521

Soil Type (SCS): Silty clay Loam - Some sand Percolation Rate: 60 min./inch

Date of Tests 7/20/2012 to 7/21/2012 Weather: Precipitation 0 Temperature 96°

Percolation Test Data Table

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
		Pre-Saturation Period				Percolation Readings					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	24	7/20	1:30p	7/20	5:30p	7/21	1:30p	6	7/21	2:00p	30	3 1/4	9
2	24	"	"	"	"	"	"	"	"	"	"	2 1/4	13
3	25	"	"	"	"	"	"	"	"	"	"	1/2	60
4	40	"	"	"	"	"	"	"	"	"	"	3 1/2	9
5	24	"	"	"	"	"	"	"	"	"	"	4 1/2	7
6	25	"	"	"	"	"	"	"	"	"	"	1/2	60

Person Conducting Percolation Tests

Name: Terri L. Jakolubek, Raymond Contracting, Inc.
Phone: 402-783-2603 or 402-890-3870
Address 13800 NW 70th St
Raymond, NE 68428 # C1198

Sum of Percolation Rates: 158
Average of Rates: 26
Rate Used for Calculation: 60 (20 min/inch min)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96
8-15-2012 8:55:30

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

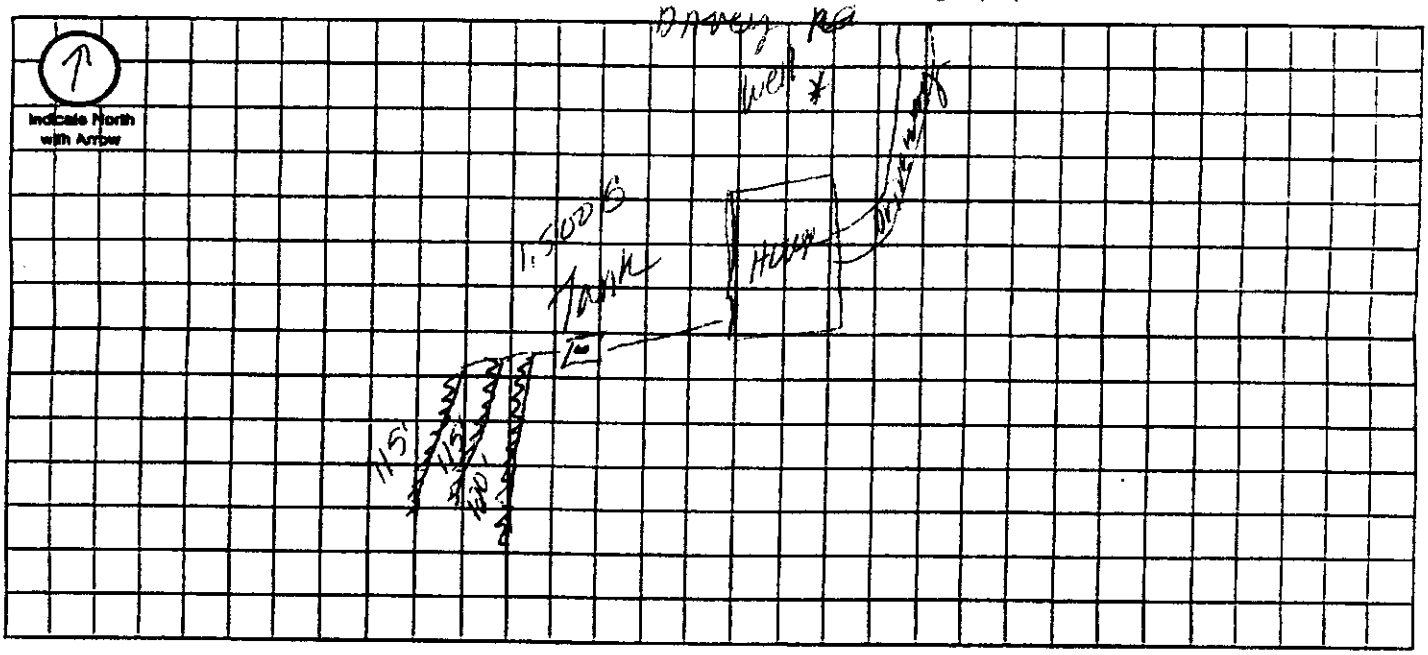
C

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) _____ City Davey NE, Zip 68336

B. Proposed Septic Tank/s

Not yet available

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: 1,400 sq. ft.

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

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

Total Length of Laterals 350 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 8/9/12

Installer _____ Date 8/2/12

FORM 23-102 10-95

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. HS000654

System Type: STANDARD

Situs: T12N, R6E, SEC 27, LOT 20

Legal Description: T12N-R06E-S27-Lot 20

Owner:

Permit Fee:	$345.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$345.00

Issued: 08/14/2012
Expires: 08/14/2013

Judith A Halstead

Judith A. Halstead, MS, Health Director

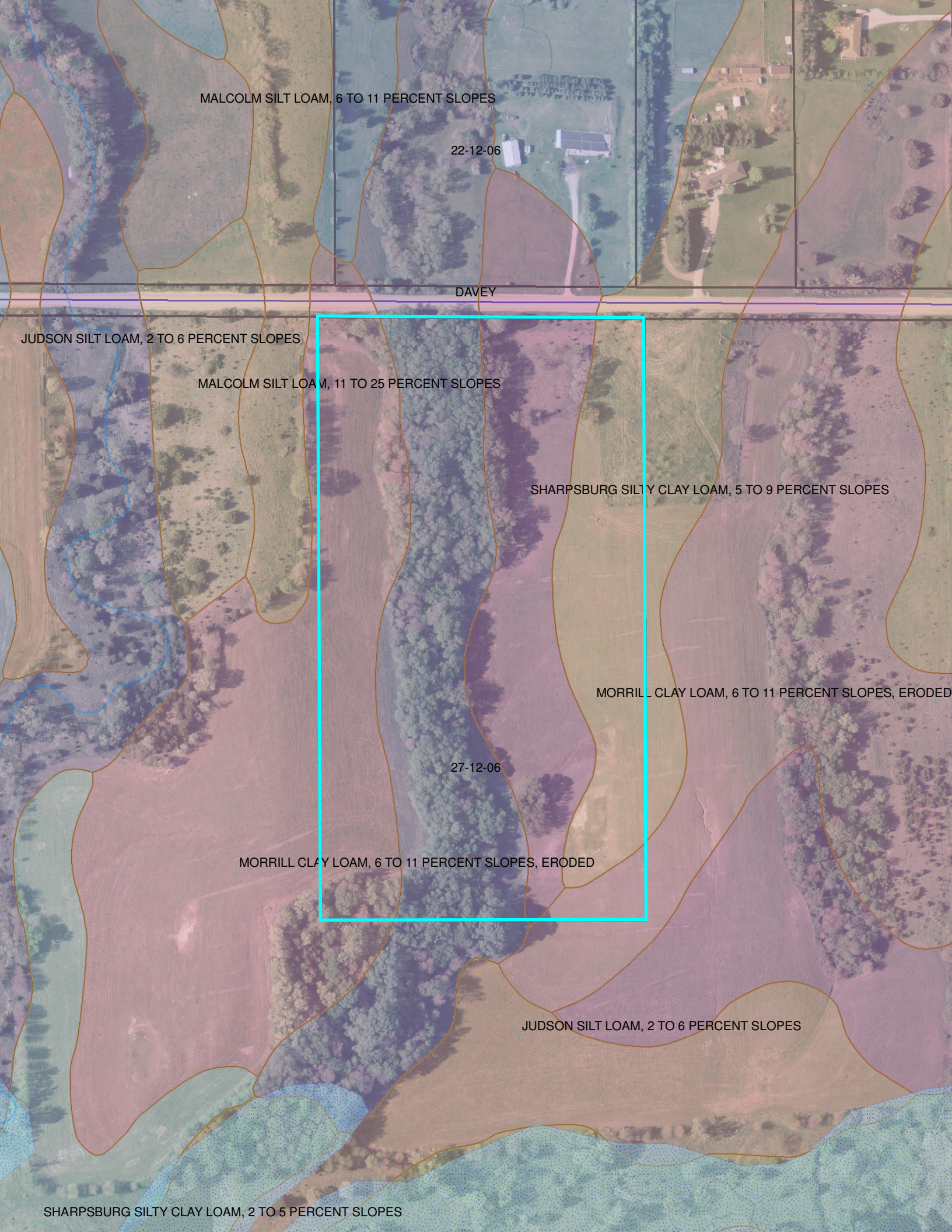
On-site Waste System Permit Holder:

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


MALCOLM SILT LOAM, 6 TO 11 PERCENT SLOPES
22-12-06
DAVEY
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
MALCOLM SILT LOAM, 11 TO 25 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES, ERODED
27-12-06
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES

AUG 13 2012

SCANNED

A

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

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Home Phone 402-432-2612 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Signature Kim L. Jakoubek for Lloyd

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

Work Phone 402-890-6065

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☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

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Date rec'd 8/14/12
Date frwd 8/14/12
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 8/14/12
Date frwd 8/14/12
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 8-14-12
Date frwd 8-14-12
ACTION ☒ Approved ☐ Disapproved
Signature Jim Ploughe

Installation Final Written Approval
By
Date 11/29/12

Business Office Use Only
Date Received 8-14-12 Amount Paid 345.-
Received By 345.- Cash/Check No. 1944

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

Form A Updated: 5/10

DEC 03 2012

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

D

Permit Number:

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date Nov 28, 2012 Legal Description NE 1/4 27 1/4 - 12 - 6 Lot 20
Section Township Range

Onsite System Location

Address (no rural route) 211 W Davey Rd City Davey NE, Zip 68336
Owner Mark + Bobbie Rhoad Address 2730 N 48th St Lincoln, NE 68521

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: ——— in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 100 ft.
4. Number of clean-outs: 2
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: 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 100 + ft.

C. ☐ Distribution Box ☐ Drop Boxes

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

1. Material: Plastic Switching 130X
   Number available outlets: 2
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 17'6" Switch Annuality ft.

D. Drainfield Absorption

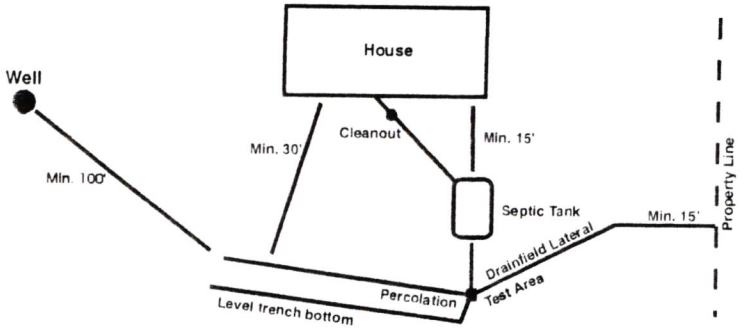
☑ Trench ☐ Bed ☐ Level Bottom

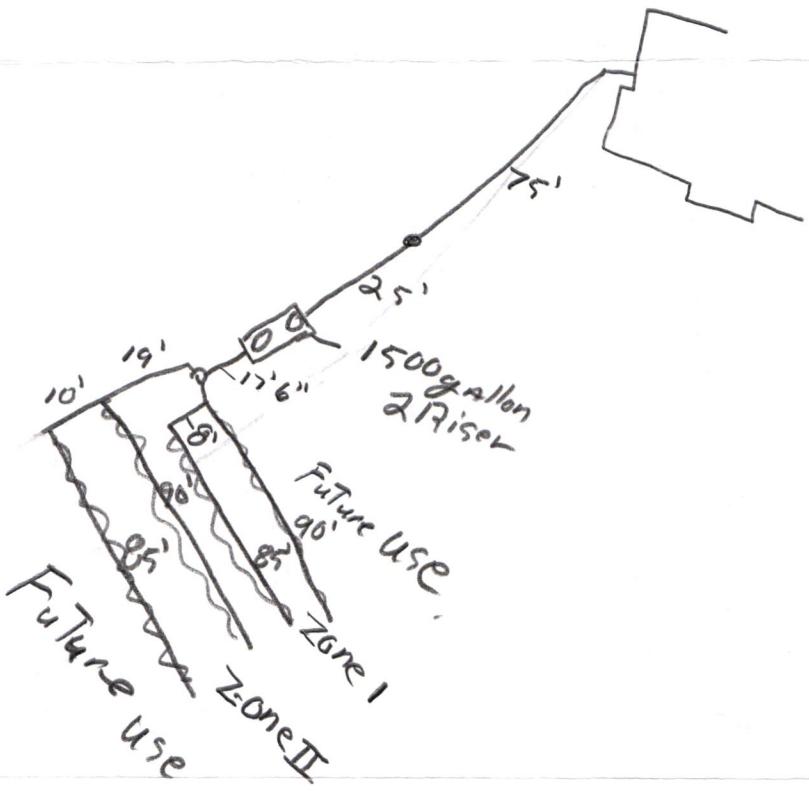
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: ———
   Number of distribution lines in bed ———
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other ———
2. Drainfield Laterals: Number 4
   Length of each line: 90 ft. 85 ft.
   90 ft. 85 ft., ——— ft.
3. Drainfield dimensions: Width 40 ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 24-30 in
4. Filter material: Soil
   Depth of material 24-30 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.

Indicate North with Arrow

Onsite Wastewater System Design (Example)




well
N
75'
25'
19'
10'
17'6"
1500gallon
2 Riser
8'
90'
95'
Future use
90'
95'
Zone I
Future use
Zone II