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

SEP 11 2013

A

Permit Number H5000814

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 W Mill Rd (no rural route) City Raymond, NE Zip 68428

Legal Description SW 3 11N 6E

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

PID 12-03-360-002-000

B. Owner

Name Charles Schmidt Signature Charles J Schmidt

Address 6727 Teton Dr City/State/Zip Lincoln, NE 68510

Home Phone 402-432-2012 Work Phone 402 432 2012

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

Address 13860 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6609 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 3 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 158.92

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 9/13/13

Date frwd 9/13/13

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 9-13-13 Amount Paid $355-

Received By bfall Cash/Check No. 8214

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

Form A Updated: 1/13

C

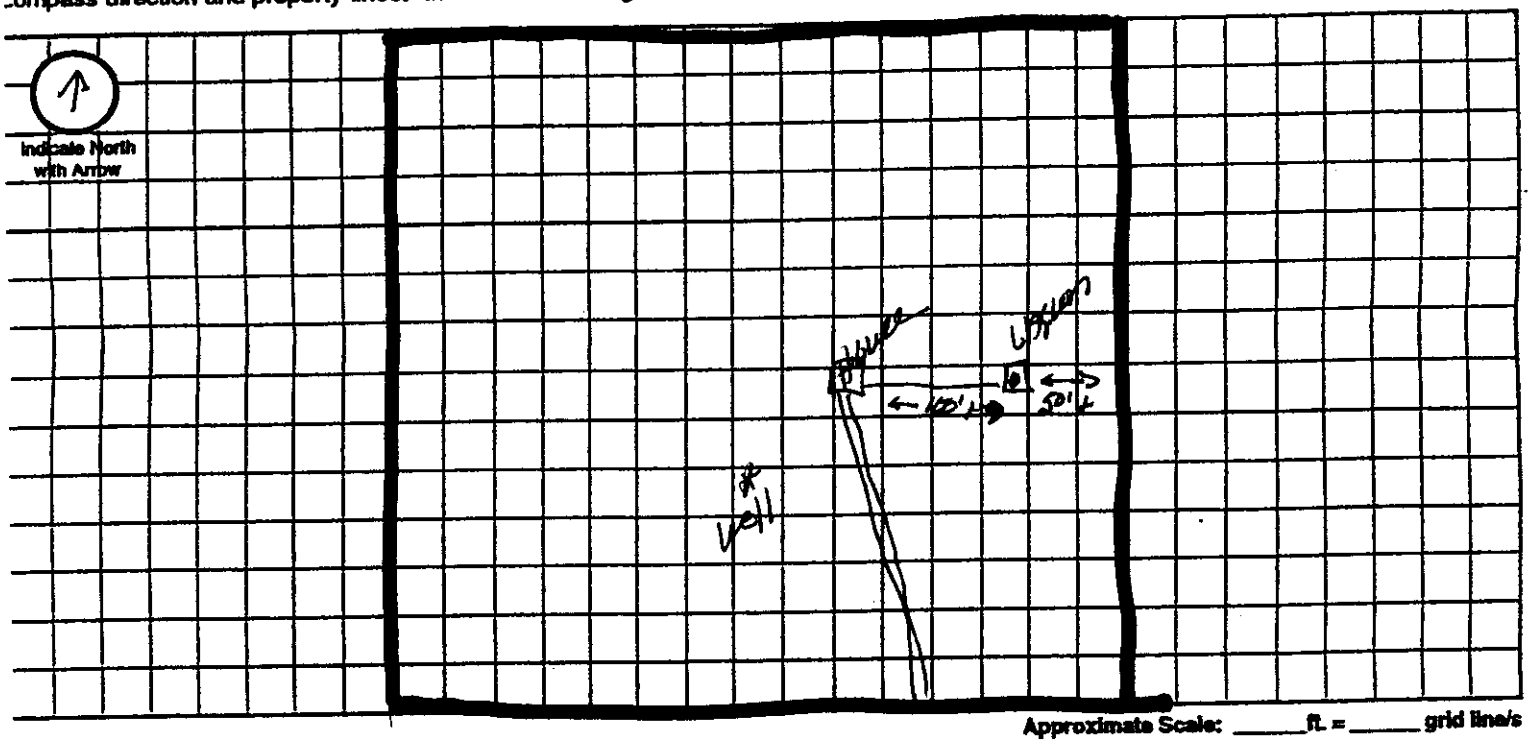
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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) W Mill rd City Raymond NE, Zip 68428

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate _____ (min. per inch) Soil Type: _____ 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: _____

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

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

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

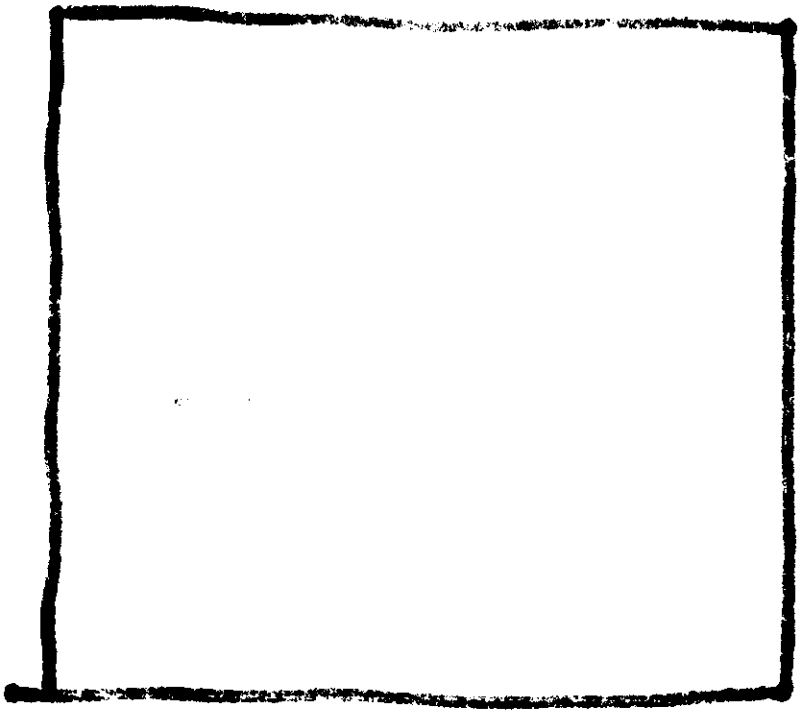
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☑	500 ☑	50 ☑	N/A ☐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

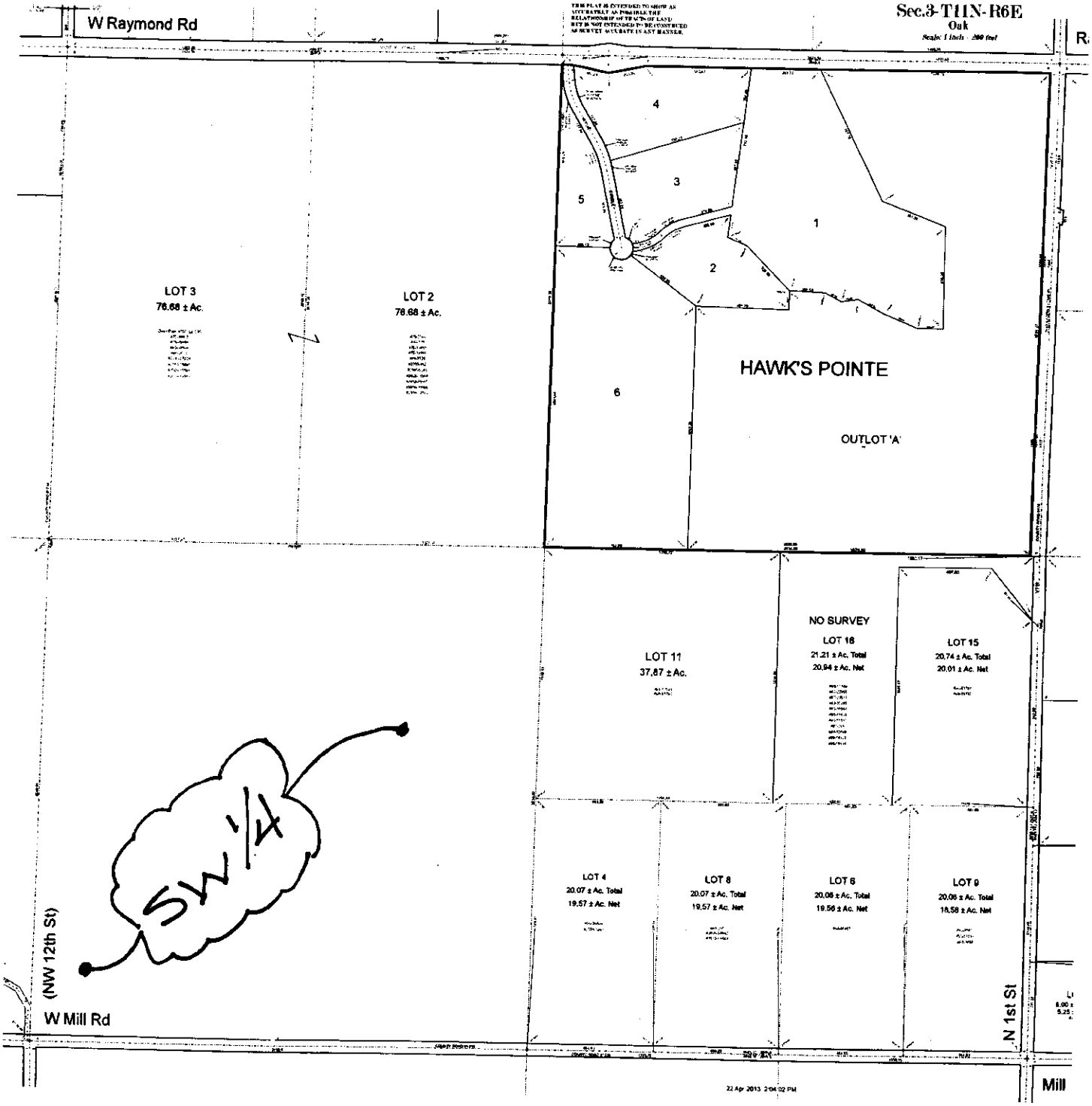
E. Required Signatures

Home Building Contractor _____ Date 9/3/13

Installer _____ Date 9/3/13

FORM 23-102 10-96




W Raymond Rd
Sec.3 T11N-R6E
Oak
Scale: 1 Inch = 200 feet
4
3
5
1
2
6
HAWK'S POINTE
OUTLOT 'A'
LOT 3
76.68 ± Ac.
LOT 2
76.68 ± Ac.
LOT 11
37.87 ± Ac.
NO SURVEY
LOT 16
21.21 ± Ac. Total
20.94 ± Ac. Net
LOT 15
20.74 ± Ac. Total
20.01 ± Ac. Net
LOT 4
20.07 ± Ac. Total
19.57 ± Ac. Net
LOT 8
20.07 ± Ac. Total
19.57 ± Ac. Net
LOT 6
20.06 ± Ac. Total
19.56 ± Ac. Net
LOT 9
20.06 ± Ac. Total
19.58 ± Ac. Net
SW 1/4
(NW 12th St)
W Mill Rd
N 1st St
Mill
22 Apr 2013 2:04:02 PM

Nate C. Hartman

From: Gordon McGill
Sent: Thursday, September 12, 2013 8:44 AM
To: Nate C. Hartman
Subject: RE: Chuck Schmidt
Attachments: Gordon McGill.vcf

its ok to approved this septic on 3-11-6.....G

Gordon McGill
Building &Safety
Plans Examiner II / Building Inspector

402-441-6424 Work
gmcgill@lincoln.ne.gov

From: Nate C. Hartman
Sent: Thursday, September 12, 2013 8:38 AM
To: Gordon McGill
Subject: Chuck Schmidt

Still need an approval for his proposed onsite wastewater system located at the SW 1/4 of 3-11-6.

Thanks!

Nate Hartman, REHS
NPDES Program Specialist
Water Quality Section
Lincoln-Lancaster County Health Department
(402) 441-8643

Nate C. Hartman

From: Ken D. Schroeder
Sent: Thursday, September 12, 2013 10:33 AM
To: Nate C. Hartman
Subject: sewage disposal system (PID #12-03-300-002-000)
Attachments: part of sec 3-11-6.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for the SW 1/4 of Section 3, T11N, R6E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec.3-11-6)*
As always, subject to confirmation of and compliance with any floodplain elevation requirements prior to construction.
Ken

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

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. HS000814

System Type: Lagoon

Situs: No Site Address Specified

Issued: 9/17/2013

Expires: 9/17/2014

Description: S3, T11, R6, 6th Principal Meridian, SW

Owner: SCHMIDT, CHARLES F & MARILYN R
6727 TETON DR
LINCOLN, NE 68510

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

SEP 11 2013

A

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

Permit Number H5000814

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 810 W Mill Rd (no rural route) City Raymond, NE Zip 68428

Legal Description SW 3 11N 6E

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

PID 12-03-360-002-000

B. Owner

Name Charles Schmidt Signature Charles Schmidt

Address 6727 Teton Dr City/State/Zip Lincoln, NE 68510

Home Phone 402-432-2012 Work Phone 402 432 2012

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature

Address 13860 Nw 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-850-6609 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 3 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 158.52

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 9/13/13

Date frwd 9/13/13

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 Ahrens

Date 5/16/14

Business Office Use Only

Date Received 9-13-13 Amount Paid 355.-

Received By BHall Cash/Check No. 8214

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

Form A Updated: 1/13

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
LAGOON/SEPTIC INSPECTION REPORT

Permit No. H 5000 814 Certified Installer: Ja Koubek

Address: 810 W Mill Rd.

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

LAGOON SETBACKS

				Item	MIN. SETBACK DISTANCE – FT. (METERS)	COMMENTS
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

				Item	MIN. SETBACK DISTANCE – FT. (METERS) Tanks	Absorption, Infiltrative & Evaporative Systems	COMMENTS
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:**
IN	OUT	NA	NO	Class 2	20 ft. (6.1 m)	30 ft. (9.1 m)	– 2 @ 150'
IN	OUT	NA	NO	Class 3	15 ft. (4.6 m)	20 ft. (6.1 m)	

Inspected By: Doug Amen **Date:** 5/16/14

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

MAY 2 2 2014

D

Permit Number: H5000814

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date May 16, 2014 Legal Description SW 1/4 1/4 3-11N-6E Section Township Range

Onsite System Location

Address (no rural route) 810 W Mill Rd City Raymond NE, Zip 68402

Owner Charles Schmidt Address 6727 Tetra Dr Lincoln, NE 68510

A. Sewer Pipe

1. Material: SDR26
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 43 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: 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: 18-12 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: Endcaps (Plastic)
   Number available outlets: 2 per cap
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 8'+9' ft.

D. Drainfield Absorption

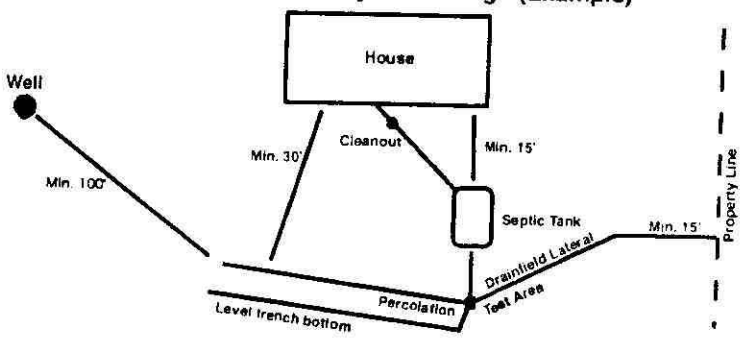
☑ Trench ☐ Bed ☐ Level Bottom

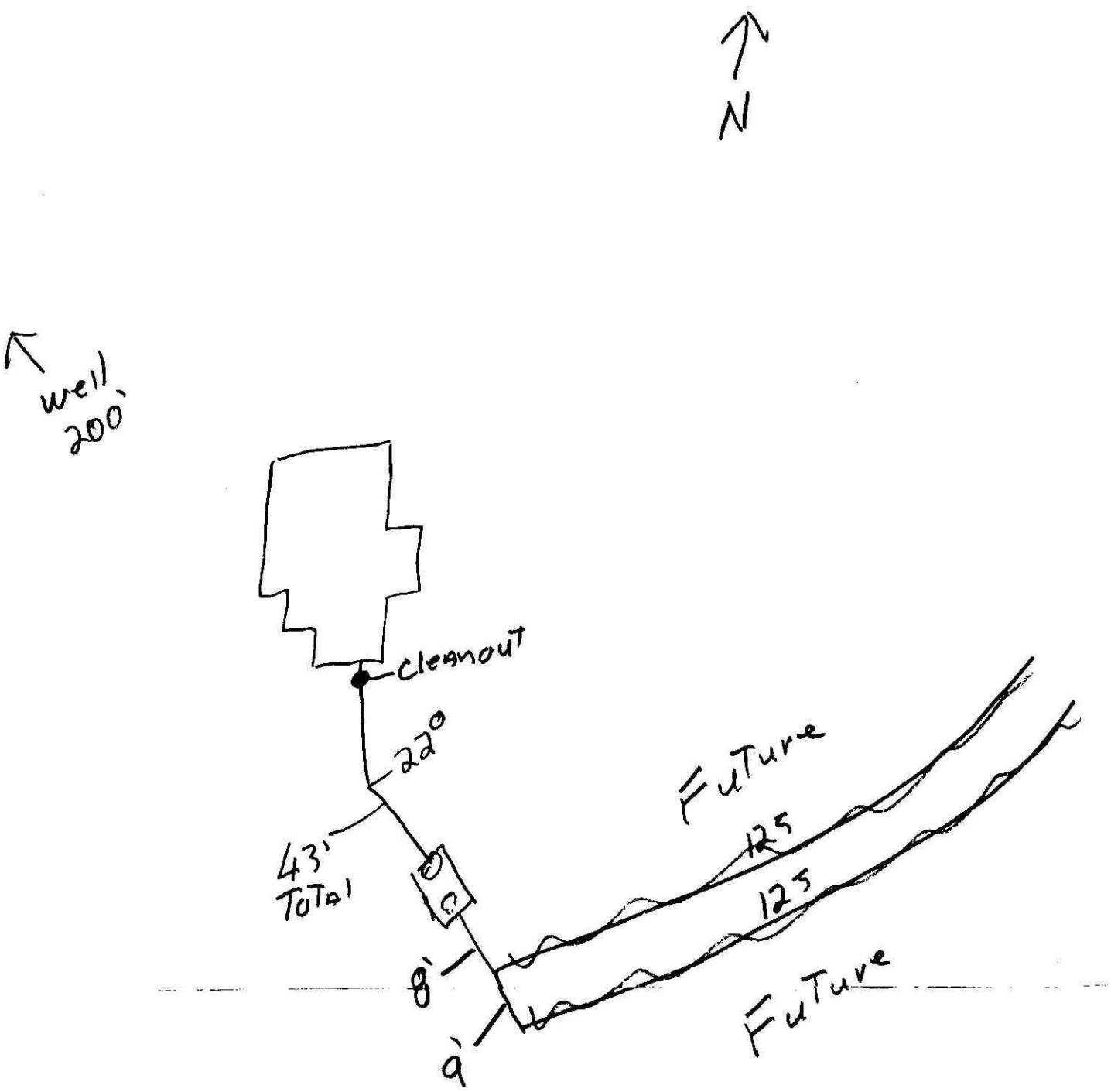
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: ____
   Number of distribution lines in bed ____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other ____
2. Drainfield Laterals: Number 2
   Length of each line: 125 ft. 125 ft.
   ____ ft. ____ ft., ____ ft.
3. Drainfield dimensions: Width 40" ft.
   Distribution Pipe Slope FLAT in/100 ft.
   Average depth 26-32 in
4. Filter material: Soil
   Depth of material 26-32 in.
5. Distances to: Well or suction line 100 ft.
   Pressure line 100 ft.
   Property line 100 ft.
   House or building 43 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)





5/16/2014

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