JUN 22 2015

A

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

Permit Number HS001686

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 23440 NW 27th St (no rural route) City Valparaiso, NE Zip 68065

Legal Description NW 1/4 4 1/4 Section 12N Township 6E Range Subdivison Addition Block 3 Lot

PID 13-04-100-002-000

B. Owner

Name Ivan L Benes Signature Ivan L. Benes

Address 3095 County Road A City/State/Zip Valparaiso, NE 68065

Home Phone 402-784-3741 Work Phone 402-890-8754

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature Ruth Jakoubek 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 2 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 24.37

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 Date rec'd Date frwd

Site visits

Comments

ACTION ☐ Approved ☐ Disapproved

Signature

2. Supt. Bldg. Insp. or Village Clerk Date rec'd Date frwd

Comments

ACTION ☐ Approved ☐ Disapproved

Signature

3. City or County Engineer Date rec'd Date frwd

Comments

ACTION ☐ Approved ☐ Disapproved

Signature

Installation Final Written Approval

By

Date

Business Office Use Only

Date Received 6-22-15 Amount Paid 375.00

Receipt By SB Cash/Ck

White - Health Department Yellow - Engineer

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

B

Permit Number: HS 001086

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 23440 NW 27th St (no rural route) City Valparaiso NE, Zip 68065

Owner Ivan Benes Address 3095 County Road A, Valparaiso, NE 68065

Date of Tests 4/20/15 to 4/21/15 Weather: Precipitation 0 Temperature 62

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					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)	Initial Water Lev (In.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (In)	Percolation Rates (Min/in = mpi)
1	25	4/20	8:00a	4/20	12:00p	4/21	12:00p	6	4/21	12:30p	30	1	30
2	24	"	"	"	"	"	"	6	"	"	"	1/2	60
3	24	"	"	"	"	"	"	6	"	"	"	1/2	60
4	26	"	"	"	"	"	"	6	"	"	"	2-1/2	12
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri L Jakoubek, Raymond Contracting, Inc.
Phone: 402-783-2663 or 402-890-6009
Address 13800 NW 70th St
Raymond, NE 68428 Cert #1198

Soil type (NRCS Maps/Other) SCL
Groundwater Depth >6.7'

Sum of Percolation Rates: 162
Average of Rates: 41
Rate Used for Calculation: 60 (20 mpi variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date

C

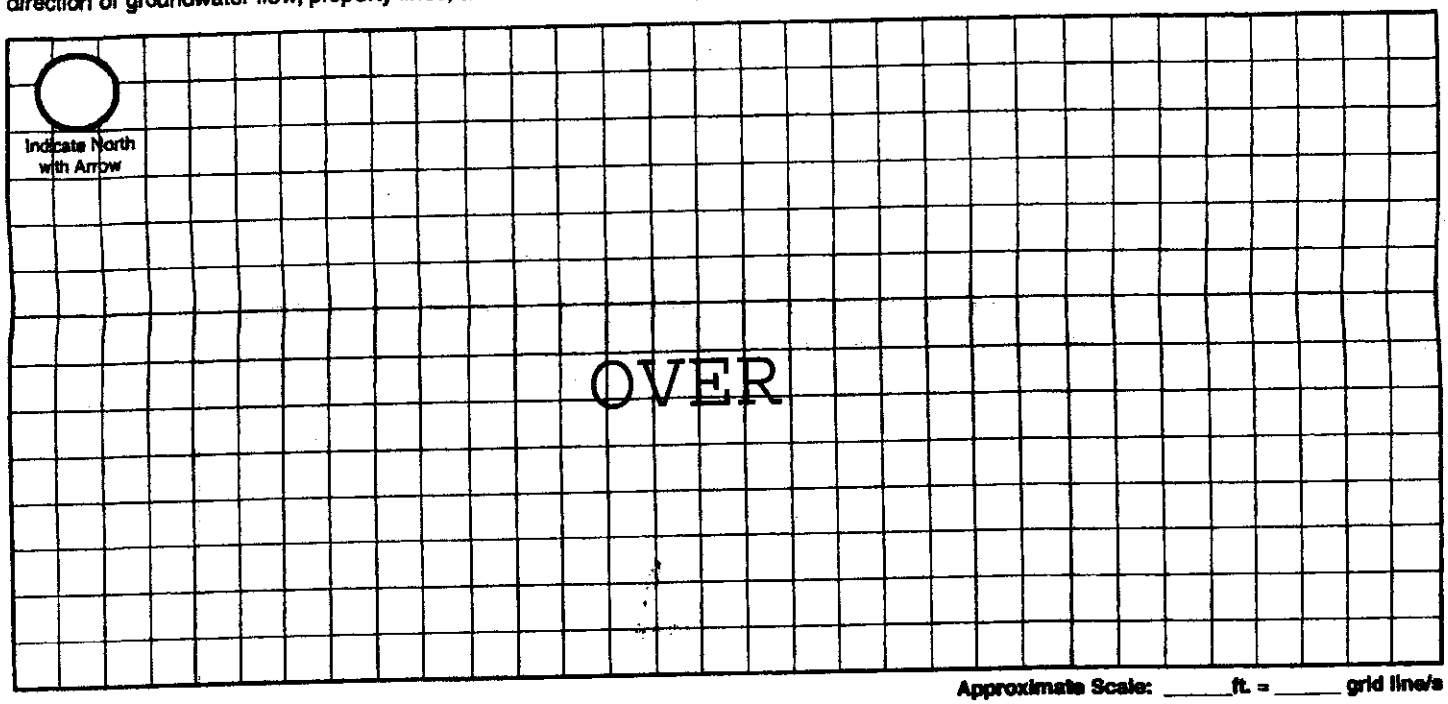
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

Permit Number: HS001086

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) 23440 NW 27th St City Valparaiso NE, Zip 68065

B. Proposed Septic Tank/s

Septic Tank Cap. 1,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 2 Soil Type Aksarben Silty Clay Loam Land Slope 6-11 %

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 700 sq.ft.

Total length of laterals 175' Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 2 Width 40" No. of drop boxes 1 Distrubtion Box _____

No. of absorption beds _____ Width _____ No of Distribution lines per bed _____

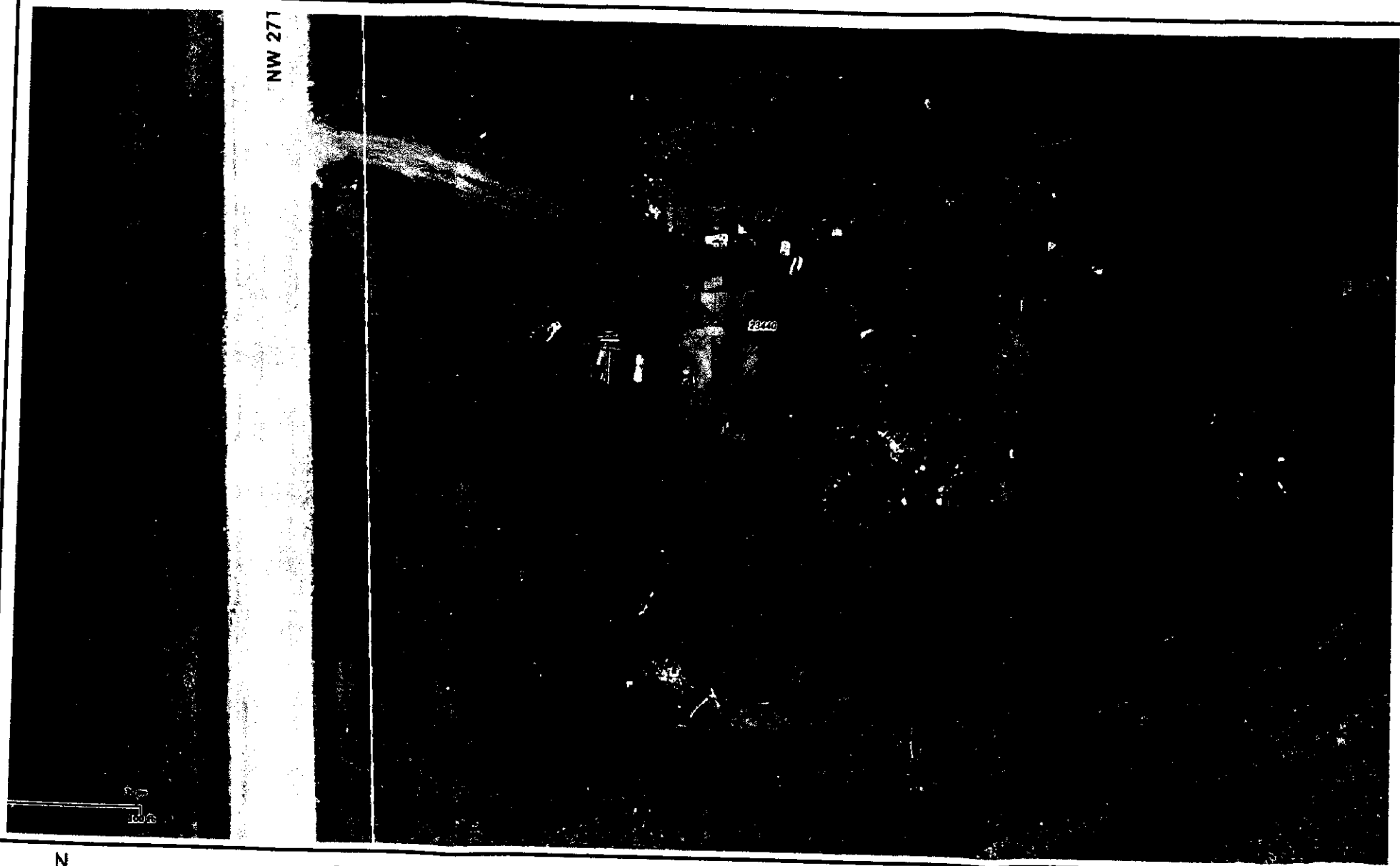
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 Existing Home Date _____

Installer _____ Date 10/16/15



Lancaster County/City of Lincoln GIS Map

Ivan Benes 23440 NW 27th St, Valparaiso, NE 68065

Printed: Jun 16, 2015

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 age@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. HS001086

System Type: Standard

Situs: 23440 NW 27 ST, RURAL, NE

Issued: 6/29/2015

Expires: 6/29/2016

Description: S4, T12, R6, 6th Principal Meridian, LOT 3 NW

Owner: BENES, IVAN L & ELEANOR J
3095 COUNTY ROAD A
VALPARAISO, NE 68065

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 ST
LINCOLN, NE 68428

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

Exhibit 5

Permit Number: H5001086

Onsite Wastewater Treatment System

Inspection Sheet

Date 7/14/15 Legal Description ____ ¼ ¼ 4 / 12N / 6E Section/Township/Range

Onsite System Location

Address (no rural route) 23440 NW 22nd City Valparaiso

Owner Evan Bear Address ____

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): ____

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 700 Sq. Ft. Tank Size 1,000 gals

Total length of laterals 175' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) ____

No. of Absorption Laterals 3 Width 40" No. of Drop Boxes 0 Distribution Box 1

Leveling Method Used ____

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
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	10 ☒	5 ☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	25 ☒	5 ☒

Geographical Coordinates to 6 Decimals:

Tank NA

Lateral #1 ____ Lateral #3 ____

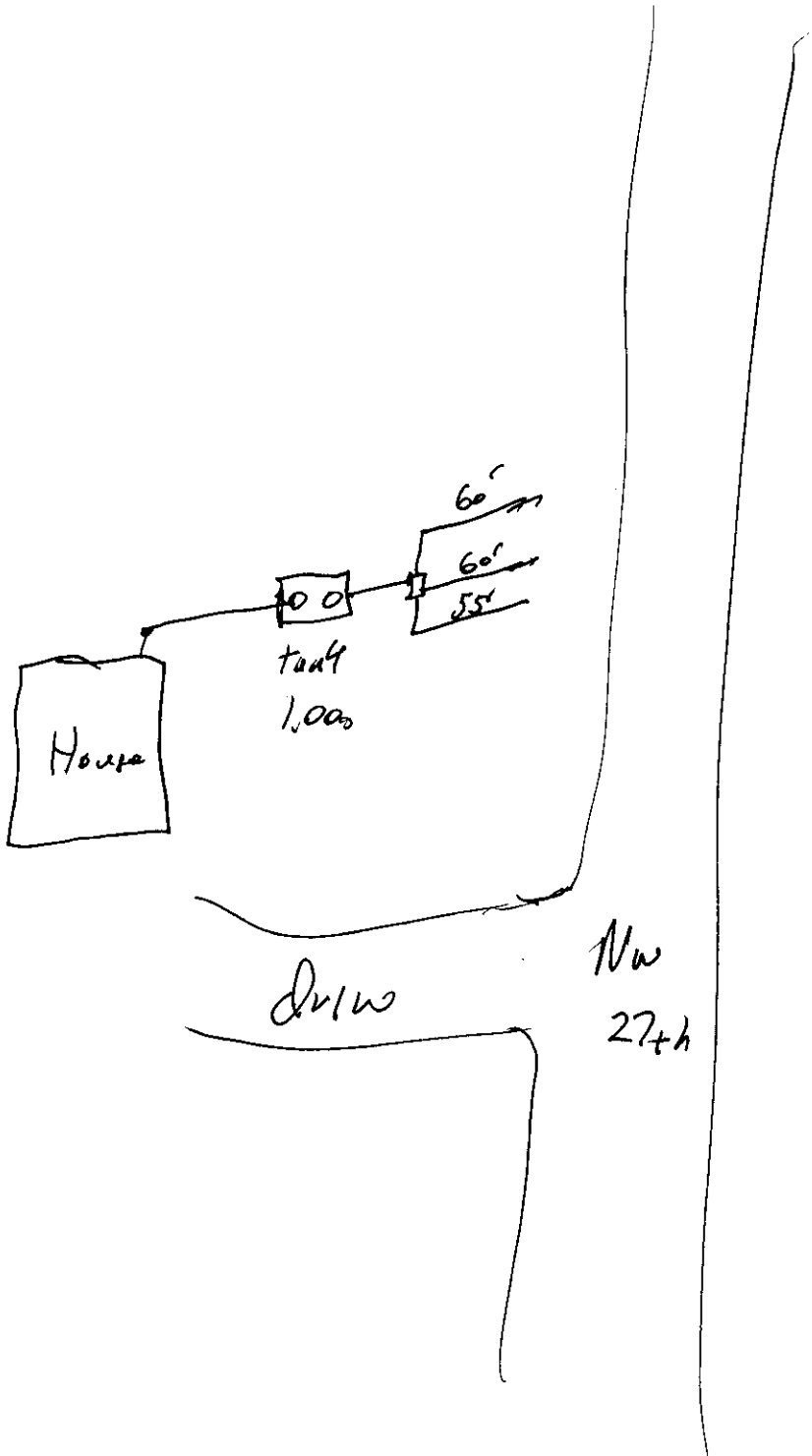
Lateral #2 ____ Lateral #4 ____

Comments:

Inspections prior to Final Approval
Initial DS Date 7/14/15
Follow-Up DS. Date 7/14/15
Follow-Up ____ Date ____

Installation Final Written Approval
By Dean Auer
Date 7/14/15

Field Note Drawing (See Reverse Side):


60'
60'
55'
tank
1,000
House
Drive
NW
27th

JUL 17 2015

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

D

Permit Number: HSOO 10360

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date July 13, 2015 Legal Description NW 1/4 NW 1/4 4-12N-6E Lot 3
Section Township Range

Onsite System Location

Address (no rural route) 23440 NW 27th St City Valparaiso NE, Zip 68065
Owner Ivan Bones Address 3065 County Rd A Valparaiso, NE 68065

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 6' in.
3. Distance between dwelling and septic tank: 40 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 80+ ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: Concrete
   Number of compartments: one
2. Capacity: 1000 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: 12/18 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 70 ft.

C. ☑ Distribution Box ☐ Drop Boxes

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

1. Material: Plastic
   Number available outlets: 3
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 8' ft.

D. Drainfield Absorption

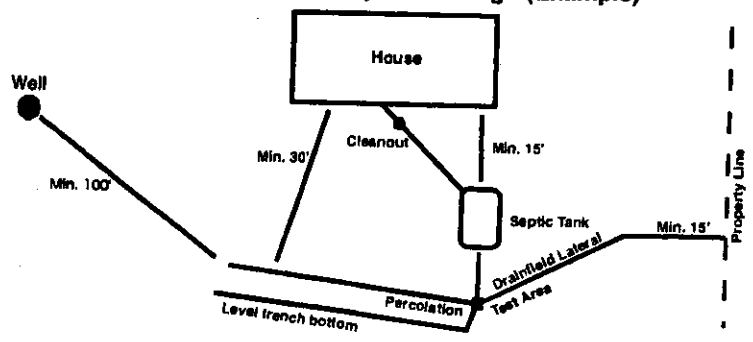
☑ Trench ☐ Bed ☐ Level Bottom

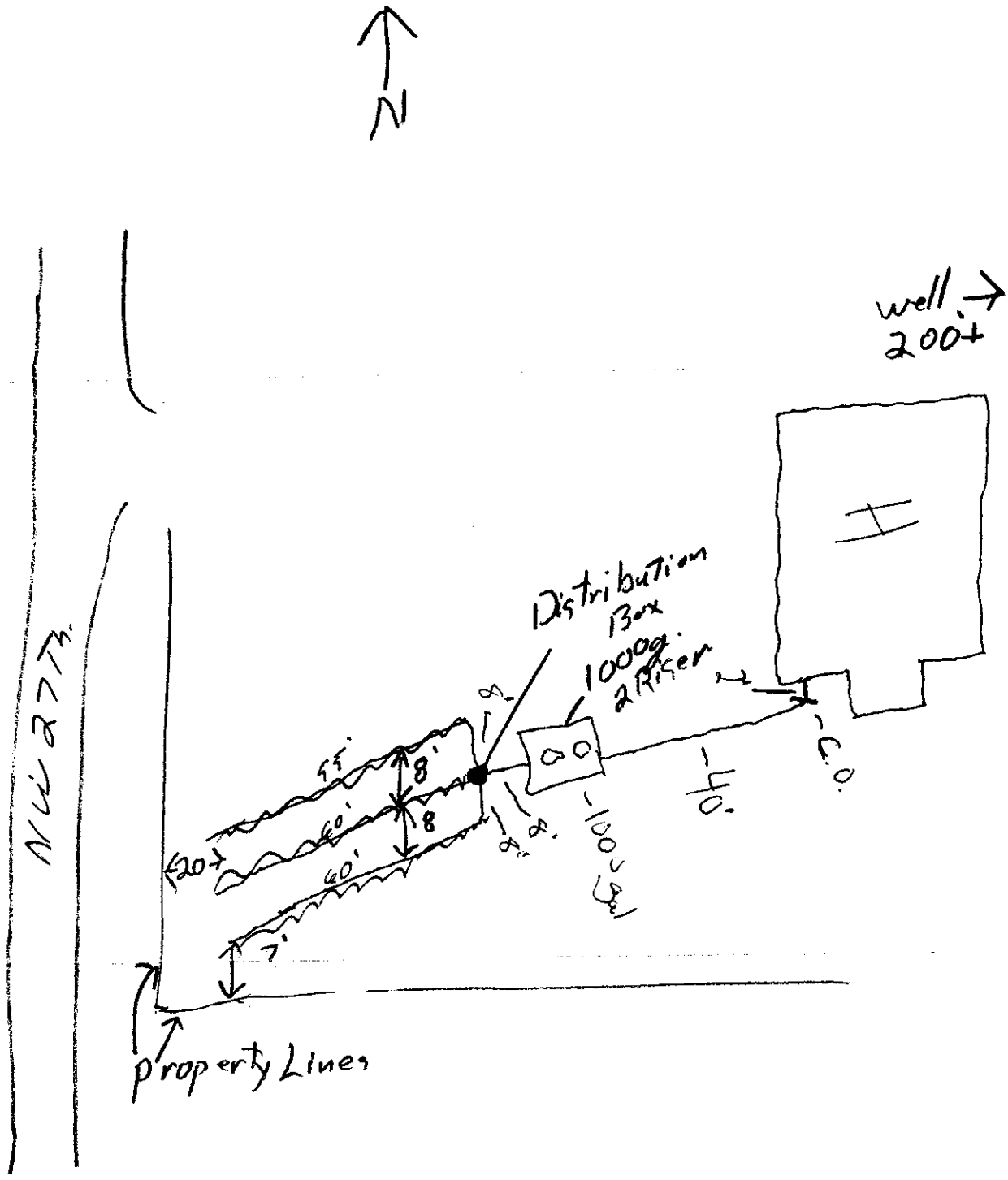
1. Type: ☐ Half rounds ☐ Perforated pipe _ ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 3
   Length of each line: 55 ft. 60 ft.
   60 ft. _____ ft., _____ ft.
3. Drainfield dimensions: Width 40 ft.
   Distribution Pipe Slope FLAT in/100 ft.
   Average depth 24-44 in
4. Filter material: Soil
   Depth of material 24-44 in.
5. Distances to: Well or suction line 100+ ft.
   Pressure line 100+ ft.
   Property line 7'-20' ft.
   House or building 60' 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





7/13/2015

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

JUN 22 2015

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

SCANNED

A

Permit Number
HS001886

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 23440 NW 27th St (no rural route) City Valparaiso, NE Zip 68065

Legal Description: NW (1/4) 4 (1/4) 12N (Section) 6E (Township) (Range) (Subdivison) (Addition) 3 (Block) (Lot)

PID 13-04-100-002-000

B. Owner

Name Ivan L Benes Signature Ivan L. Benes

Address 3095 County Road A City/State/Zip Valparaiso, NE 68065

Home Phone 402-784-3741 Work Phone 402-890-8754

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature Ruth Jakoubek 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 2 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 24.37

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 7/13/15, 7/14/15
Comments
Date rec'd 6/29/15
Date frwd 6/29/15
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 Joey Mau
Date 7/14/15

Business Office Use Only
Date Received 6-22-15 Amount Paid 375.00
Received By SB Cash/Check No. 8664

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: 402-441-8022

SCANNED

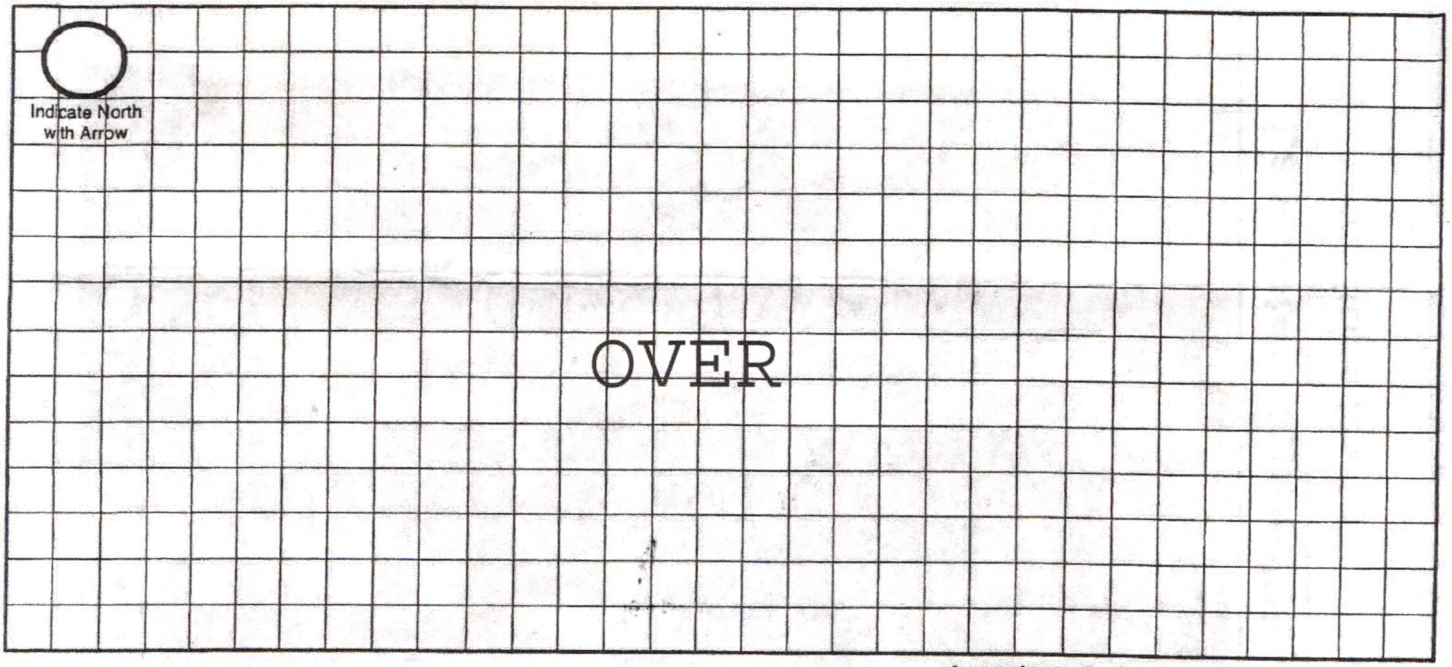
C

Permit Number: HS001086

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) 23440 NW 27th St City Valparaiso NE, Zip 68065

B. Proposed Septic Tank/s

Septic Tank Cap. 1,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 2 Soil Type Aksarben Silty Clay Loam Land Slope 6-11 %

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 700 sq.ft.

Total length of laterals 175' Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 2 Width 40" No. of drop boxes 1 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 Existing Home Date _____

Installer Kevin L. Johnson Date 6/16/15



N
W E
S

Lancaster County/City of Lincoln GIS Map

Ivan Benes 23440 NW 27th St, Valparaiso, NE 68065

Printed: Jun 16, 2015

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
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

SCANNED

Exhibit 5

Permit Number: H5001086

Onsite Wastewater Treatment System

Inspection Sheet

Date 7/14/15 Legal Description ¼ ¼ 4 / 12N / 6E Section/Township/Range

Onsite System Location

Address (no rural route) 23440 NW 22nd City Valparaiso

Owner Evan Beaver Address

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification):

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 700 Sq. Ft. Tank Size 1,000 gals

Total length of laterals 175' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe)

No. of Absorption Laterals 3 Width 40" No. of Drop Boxes Ø Distribution Box 1

Leveling Method Used

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
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	10 ☒	5 ☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	2 ☒	5 ☒

Geographical Coordinates to 6 Decimals:

Tank NA

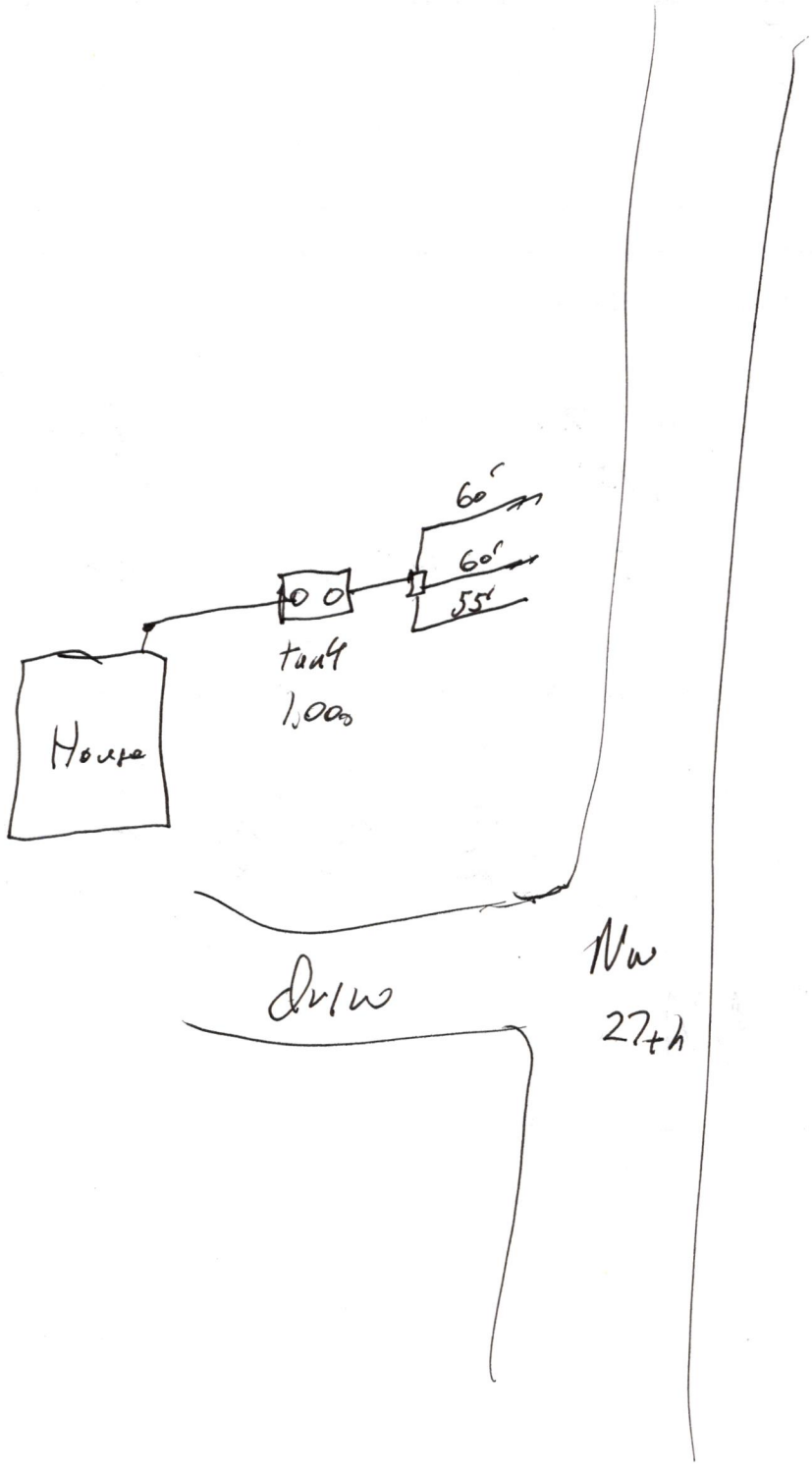
Lateral #1 Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial D.S. Date 7/13/15
Follow-Up D.S. Date 7/14/15
Follow-Up Date
Installation Final Written Approval
By Dean Meier
Date 7/14/15

Field Note Drawing (See Reverse Side):


60'
60'
55'
tank
1,000
House
Drive
NW
27th