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

A

Permit Number
HS001759

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 Another Dr (no rural route) City Hickman, NE Zip 68430

Legal Description SE SE 5 T8 R7 South Ridge Acres Add. 3 3
(1/4 1/4 Section Township Range Subdivison Addition Block Lot)

Geographical Location (if known): Lat/Long: PID 15-15-403-003-000

B. Owner

Name Ryan & Tracy Swinton Signature

Address 9931 N 151 St City/State/Zip Waverly, Ne 68462

Home Phone 402-429-6996 (Todd Slentz Work Phone – builder)

C. Certified Installer

Name: Kurt Vigil Signature

Address 3276 W. Branched Oak Rd City/State/Zip Raymond, Ne, 68428

Work Phone 402-525-6681

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 5 Is there a Whirlpool Bathtub? ☐ Yes ☑ No Total Acres 3.76

☐ 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. 02-30

1. Health Department
Site visits
Date rec'd
Date frwd
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 10-24-16 Amount Paid $420.00
Received By KAO Cash/Check No. 1446

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

Form A Updated: 5/10

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

B

Permit Number:

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address Anathea Dr (no rural route) City Hickman NE, Zip 68430

Owner Ryan & Tracy Swinton Address 9931 N 151 St Waverly, Ne 68462

Date of Tests 4-27-17 to 4-28-17 Weather: Precipitation No Temperature 70°

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		Initial	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 Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	48	4-27	500	4-27	900	4-28	900	6	4-28	930	30	2¼	13
2	40	"	"	"	"	"	"	6	"	"	"	2	15
3	48	"	"	"	"	"	"	6	"	"	"	3	10
4	36	"	"	"	"	"	"	6	"	"	"	3	10
5	48	"	"	"	"	"	"	6	"	"	"	1¾	17
6	38	"	"	"	"	"	"	6	"	"	"	1½	20
								6					
								6					

Person Conducting Percolation Test

Name: Kurt Virgil
Phone: 402-525-6681
Address 3276 W. Branched Oak Rd Raymond, Ne 68428
Soil type (NRCS Maps/Other) Wymore Silty Clay Loam
Groundwater Depth 7 8'

Sum of Percolation Rates: 85
Average of Rates: 14.1
Rate Used for Calculation: 14.1

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

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

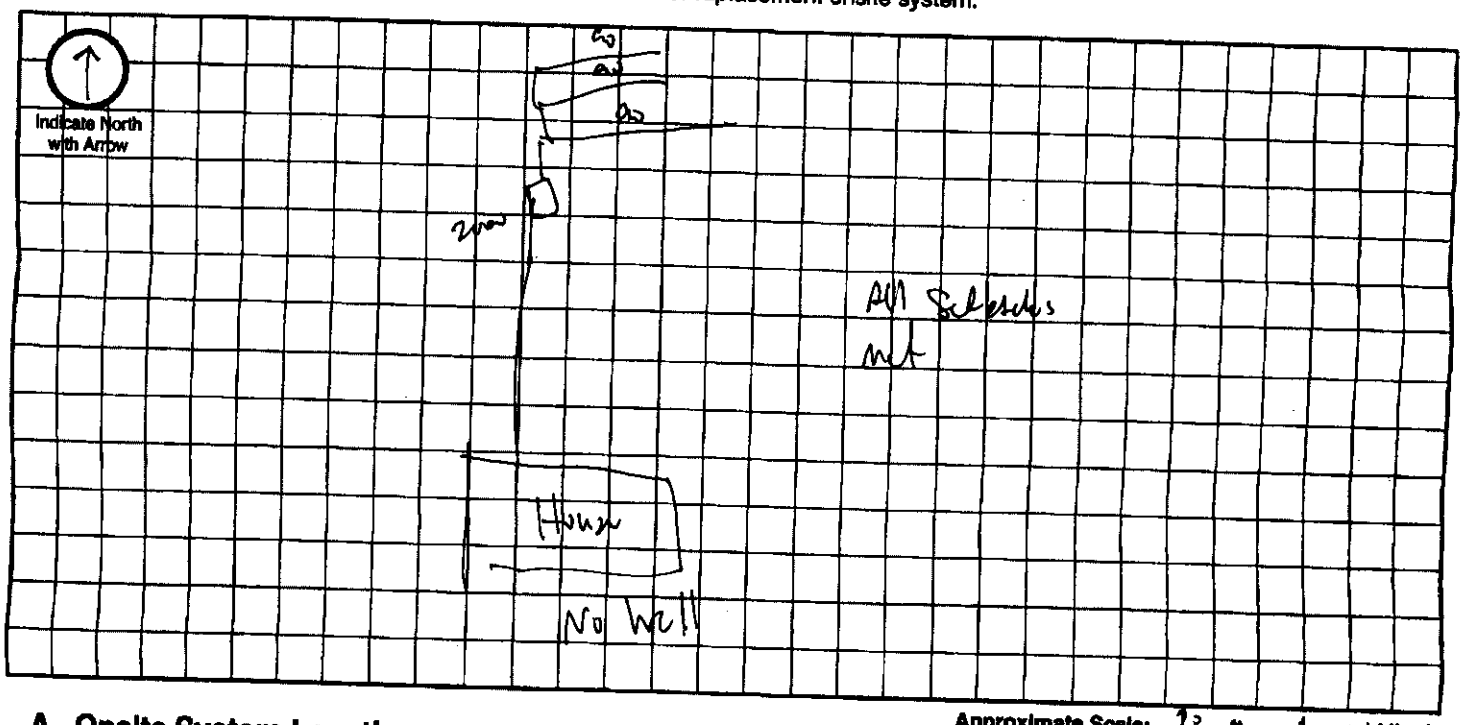
C

Permit Number:

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: 20 ft. = 1 grid line/s

A. Onsite System Location

Address (no rural route) Arthur Dr City Hickman NE, Zip 68430

B. Proposed Septic Tank/s

Septic Tank Cap. 2000 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 14 (min/inch = mpi) No. of Bedrooms 5 Soil Type Wymore Land Slope 3 %

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1260 sq.ft.

Total length of laterals 280' Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☑ Other

No. of absorption trenches_____ Width_____ No. of drop boxes_____ 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 Youra	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_____ Date_____

Installer_____ Date 10-21-18

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001759

System Type: Standard

Situs: No Site Address Specified

Issued: 10/25/2018

Expires: 10/25/2019

Description: SOUTH RIDGE ACRES ADDITION, BLOCK 3, Lot 3

Owner: SWINTON, RYAN R & TRACI L
9931 N 151 ST
WAVERLY, NE 68462

Shavonna M. Lausterer, MPH, CPH, 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.

Shavonna M. Lausterer, MPH, CPH
Health Director

KURT VIRGIL
3276 W BRANCHED OAK RD
RAYMOND, NE 68428

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

SCANNED

A

Permit Number
HS001759

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.

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

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☐ 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. 02-90

1. Health Department
Site visits 9/4/19 DS
Date rec'd 10/25/18
Date frwd 10/25/18
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 Smith
Date 9/4/19

Business Office Use Only
Date Received 10-24-18 Amount Paid $420.00
Received By KAO Cash/Check No. 1446

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

Form A Updated: 5/10

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

Exhibit 5

Permit Number: HS001759

Onsite Wastewater Treatment System

Inspection Sheet

Date 9/4/19 Legal Description South Ridge Acres Add Blk 3, Lot 3

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 15770 S 76th City

Owner Swinton 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 4,260 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 280' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ ~~Other~~ (describe) E-Z Flow

No. of Absorption Laterals 3 Width 4.5 Eactor No. of Drop Boxes — Distribution Box 3

Leveling Method Used Laser

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 ☐

Field notes on back

Geographical Coordinates to 6 Decimals:

Tank N/A

Lateral #1 Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial D.S. Date 9/4/19

Follow-Up Date

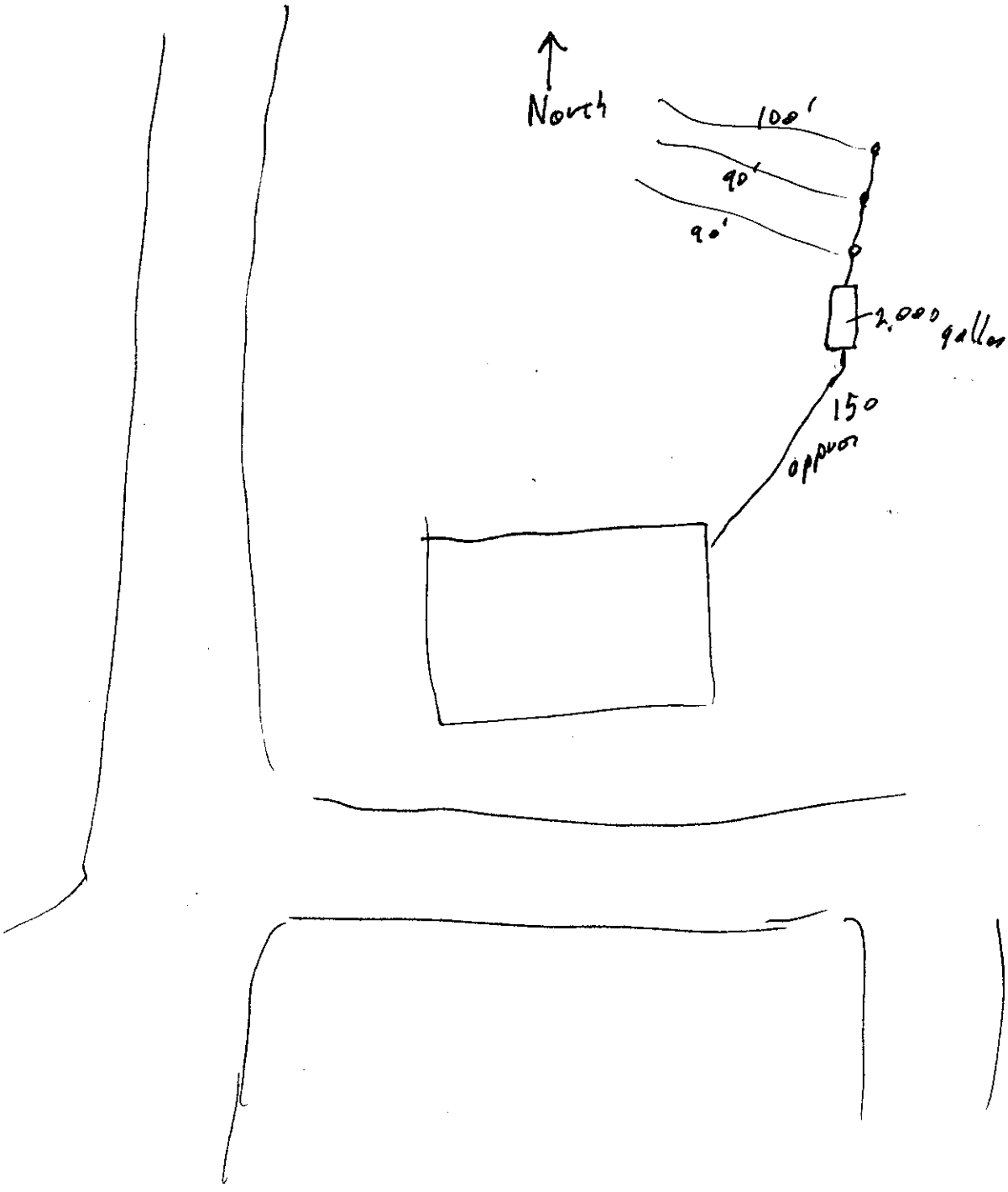
Follow-Up Date

Installation Final Written Approval
By Doug Mach

Date 9/4/19

Field Note Drawing (See Reverse Side):

Updated 4/15


North
100'
90'
90'
2,000 gallon
150
approx

REC'D SEP 09 2019

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 9-4-19 Legal Description Block 3 Lot 3 South Ridge Acres Add
1/4 1/4 Section Township Range

Onsite System Location

Address (no rural route) 15770 S 76 City Roca NE, Zip 68430
Owner Ryan & Traci Swinton Address 9931 N 151 St Waverly, Ne 68462

A. Sewer Pipe

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: — in.
   or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 120 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line NA ft.
   property line 750 ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: Concrete
   Number of compartments: 1
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 4 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 NA ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line 720 ft.

C. ☐ Distribution Box ☑ Drop Boxes

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

1. Material: Plastic
   Number available outlets: 4
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 8, 18, 27 ft.

D. Drainfield Absorption

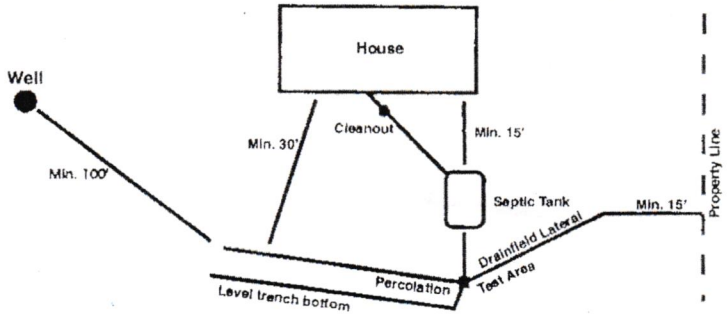
☑ Trench ☐ Bed ☐ Level Bottom Ez Flo

1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: 36"
   Number of distribution lines in bed 1
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☑ other Ez flow
2. Drainfield Laterals: Number 3
   Length of each line: 90 ft. 90 ft.
   100 ft. ft., ft.
3. Drainfield dimensions: Width 3 ft.
   Distribution Pipe Slope 0 in/100 ft.
   Average depth 28 in
4. Filter material: NA
   Depth of material NA in.
5. Distances to: Well or suction line NA ft.
   Pressure line NA ft.
   Property line 720 ft.
   House or building 7100 ft.
   Lake or Stream 7100 ft.

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

Indicate North with Arrow

Onsite Wastewater System Design (Example)



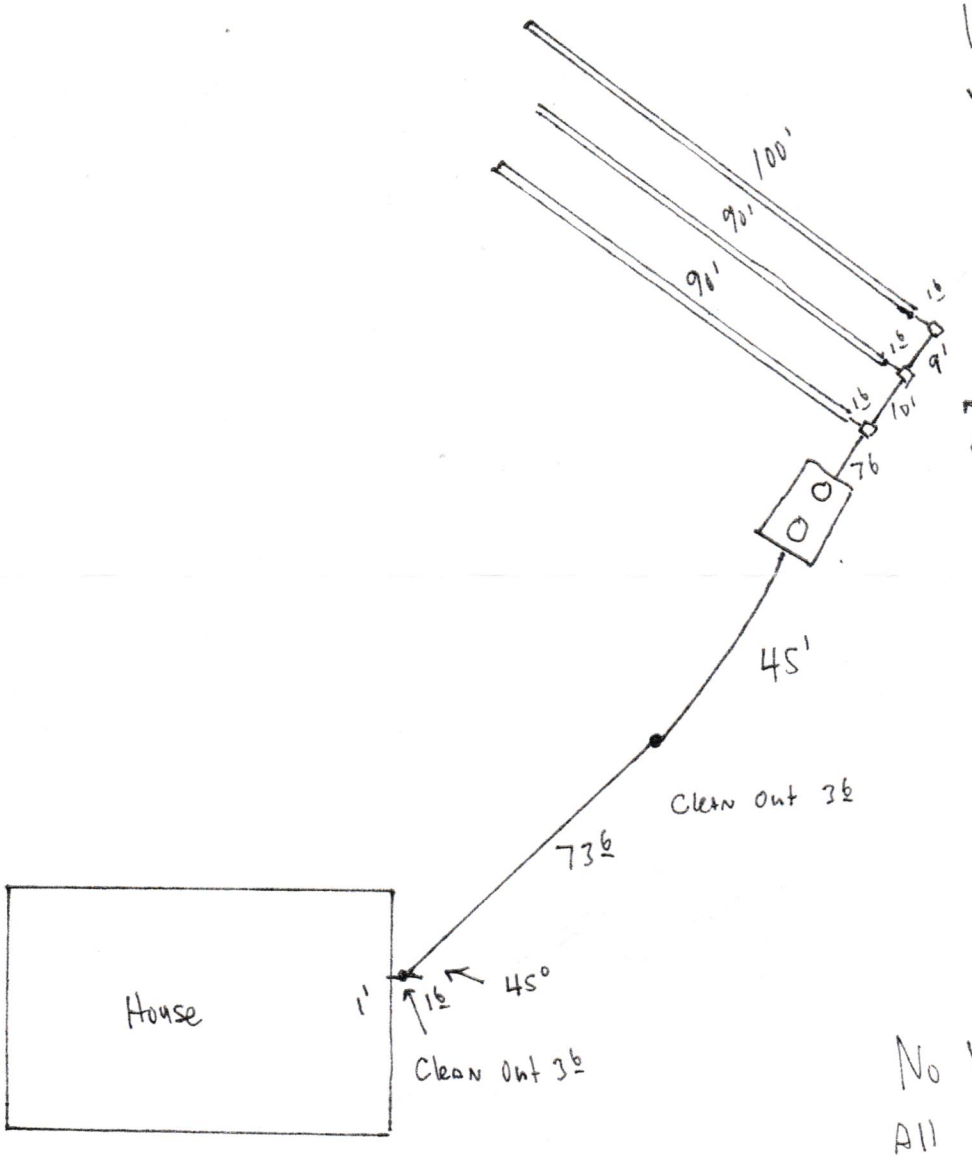
Ryan & Traci Swinton
15770 S 76 St
Roca, Ne 68430

Septic Data
Complete 9-4-19

↑ N

⟷ = 10'

total 200' ezflow
lateral ~ 7½ deep
w/ ~ 1½ soil cover



No Well (Rural Water)
All Setback Met