pd #8735 $385.00 9/28/15

SEP 30 2015

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

A

Permit Number
HS001143

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 5300 Roca Rd (no rural route) City Roca NE Zip 68430

Legal Description: SE (1/4) 1/4 | 17 Section | 8N Township | 7E Range | Roca Ridge Subdivison | 1 Addition | 1 Block | Lot

PID 15-17-401-001-000

B. Owner

Name Travis C Liesveld Signature [signature]

Address 2012 Connor Pl City/State/Zip Lincoln, NE

Home Phone 402-430-8085 Work Phone 402-464-8600

C. Certified Installer

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

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

Work Phone 402-890-6009 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 5 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.01

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
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 9-30-15 Amount Paid $385.00
Received By SB Cash/Check No. 8735

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

Form A Updated: 1-13

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

B

Permit Number: HS001143

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 5300 Roca Rd (no rural route) City Roca NE, Zip 68430

Owner Travis Liesveld Address 2012 Connor Pl, Lincoln, NE 68505

Date of Tests 9/17/15 to 9/18/15 Weather: Precipitation Trace Temperature 60°

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	28	9/17	9:15a	9/17	1:15p	9/18	11:45a	6	12:15p	9/18	30	1-1/2	20
2	36	"	"	"	"	"	"	6	"	"	"	1/2	60
3	24	"	"	"	"	"	"	6	"	"	"	5/8	48
								6					
								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

Sum of Percolation Rates: 128
Average of Rates: 43
Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Aksarben Silty Clay Loam
Groundwater Depth >7'

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

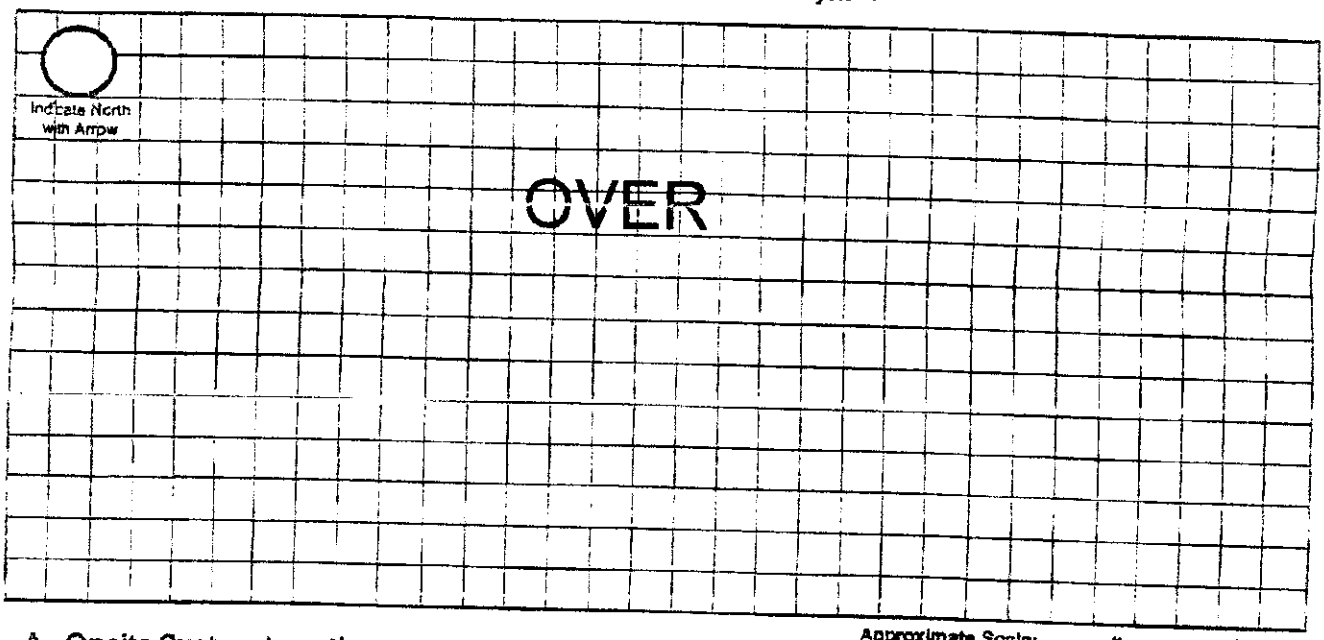
C

Permit Number: HS001143

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) 5300 Roca Rd City Roca NE, Zip 68430

B. Proposed Septic Tank/s

Septic Tank Cap 2,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (minimum 12" soil fill)

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 5 Soil Type Aksarben Silty Clay Loam Land Slope 2-6 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved) Total Square feet of drainfield 1,760 sq. ft.

Total length of laterals 485 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 4 Width 40" No. of drop boxes _____ Distribution Box 2

No. of absorption beds _____ Width _____ No of Disribution 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 ☐	NA ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

Home Building Contractor _____ Date 9-28-15

Installer _____ Date 9/28/15

SITE PLAN

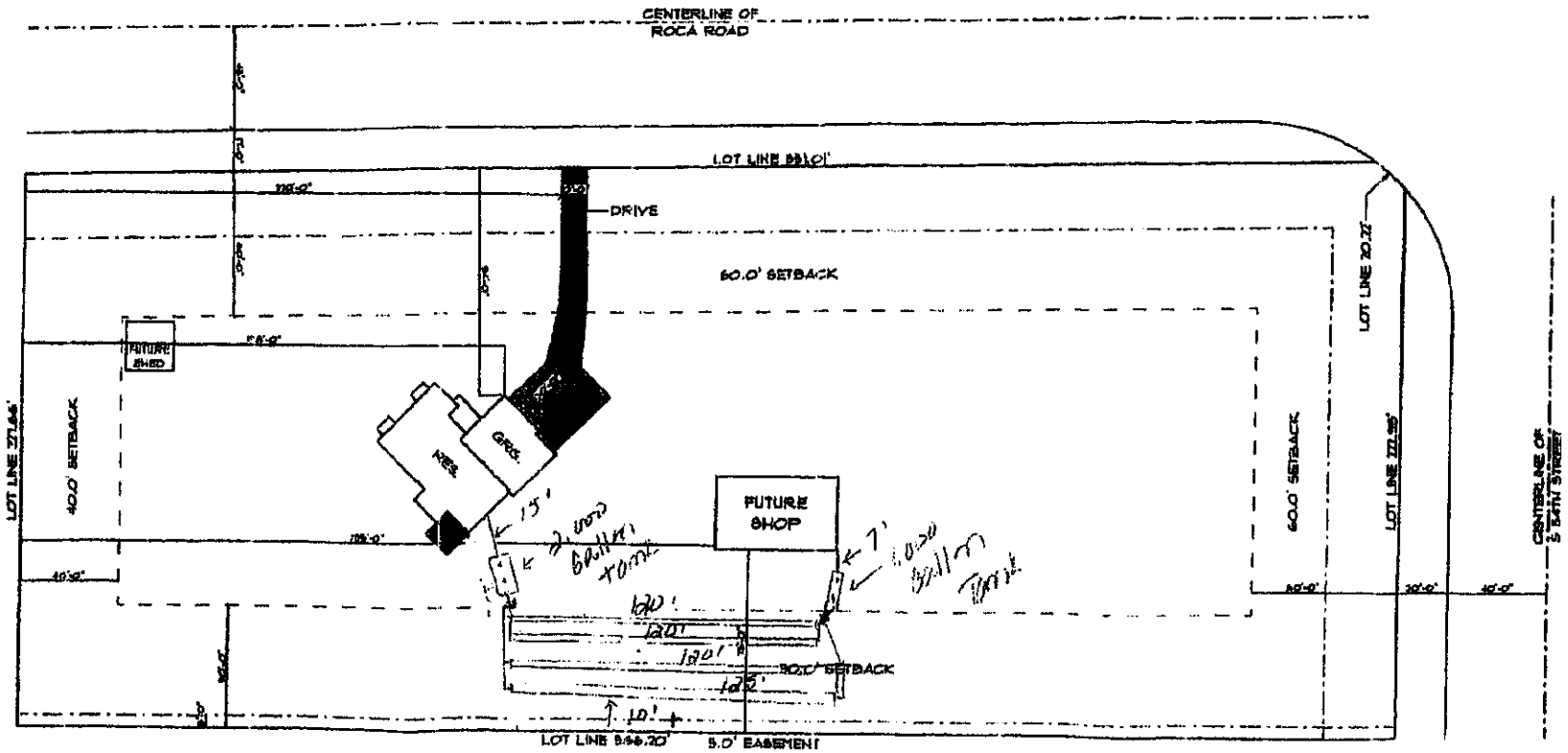
SCALE:
3/4" = 30'-0"

ADDRESS

5300 ROCA ROAD
ROCA, NEBRASKA 68430
LANCASTER COUNTY

LEGAL DESCRIPTION

LOT 1
ROCA RIDGE
ADDITION



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. HS001143

System Type: Standard

Situs: No Site Address Specified

Issued: 10/13/2015

Expires: 10/13/2016

Description: ROCA RIDGE ADDITION, BLOCK 1, Lot 1

Owner: LIESVELD, TRAVIS C
2012 CONNOR PL
LINCOLN, NE 68505

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
RAYMOND, NE 68428

SCANNED

SEP 30 2015

pd #8735 $385.00 9/28/15 BK

9/13/16

A

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

Permit Number: HS001143

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 ~~5300 Roca Rd~~ 5277 Roca Rd (no rural route) City Roca NE Zip 68430

Legal Description							
SE	17	8N	7E	Roca Ridge		1	1
1/4	1/4	Section	Township	Range	Subdivison	Addition	Block	Lot

PID 15-17-401-001-000

B. Owner

Name Travis C Liesveld Signature

Address 2012 Connor Pl City/State/Zip Lincoln, NE

Home Phone 402-435-8685 Work Phone 402-464-8600

C. Certified Installer

Name Lloyd Jakoubek, Raymond Contracting Inc Signature

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

Work Phone 402-890-6009 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 5 Whirlpool Bathtub? ☐ Yes ☒ No Garbage Grinder? ☒ Yes ☐ No Total Acres 3.01

☐ 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 9/12/15 Date fwd 9/12/15

ACTION ☒ Approved ☐ Disapproved Signature

2. Supt. Bldg. Insp. or Village Clerk

Comments

Date rec'd 9-30-15 Date fwd 10-12-15

ACTION ☒ Approved ☐ Disapproved Signature

3. City or County Engineer

Comments

Date rec'd Date fwd

ACTION ☐ Approved ☐ Disapproved Signature

Installation Final/Other Approval By

Date 9/13/16

Business Office Use Only
Date Received 9-30-15 Amount Paid $385.00
Received By SB Cash/Check No. 8735

Health Department Review - Engineer Review - Building & Safety

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

Exhibit 5

Permit Number: 4500 1143

Onsite Wastewater Treatment System

Inspection Sheet

Date 4/13/16 Legal Description Lora Ridge Blk 1, Lot 1

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 5300 Lora Rd. City Lora

Owner _____ 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 1258.1 Sq. Ft. Tank Size 2000 gals N/O

Total length of laterals 485 Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) _____

No. of Absorption Laterals 4 Width 40" No. of Drop Boxes 0 Distribution Box 1

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

Geographical Coordinates to 6 Decimals:

Tank _____

Lateral #1 N/O Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments: See file cover

Inspections prior to Final Approval

Initial _____ Date _____

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval

By _____

Date 4/13/16

Field Note Drawing (See Reverse Side):

8-7-17

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

D Exhibit 4

Permit Number
H5001143

Onsite Wastewater Treatment System
As-Built Description and Drawing

Type of Onsite Wastewater System: ☐ Lagoon (Skip to Back Page ☒ Subsurface Septic ☐ Mound

Onsite Wastewater System Location 15-17-41-001-000

Address or Legal Description or Parcel Identification Number (PID) 5277 Roca Rd, Roca, NE 68430

Owner: Travis Liesveld Address 2013 Cleaver Pl, Lincoln, NE 68505

A. Wastewater Piping

1. Material: SDR 26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 45 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2,000 gallons
3. Depth to top of tank, below unfinished grade: 24 in.
4. Distance to:
   Well N/A ft.
   Pressure line 100' ± ft
   Property Line 100' ± ft
   Foundation 45' ± ft

C Distribution Box or Drop Box

Distance and Direction from septic tank: 6' ± ft. S

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☒ Chamberless ☐ Other
   Material brand and inside width of Chamberless
   ~~ADS~~ ARC 36, 34"
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 120 ft 120 ft 120 ft 120
4. Drainfield size: 1755 sq. ft.
5. Distance to:
   Well N/A ft
   Pressure line 100' ± ft.
   Property line 10' ± ft.
   Depth of Groundwater 7' ±

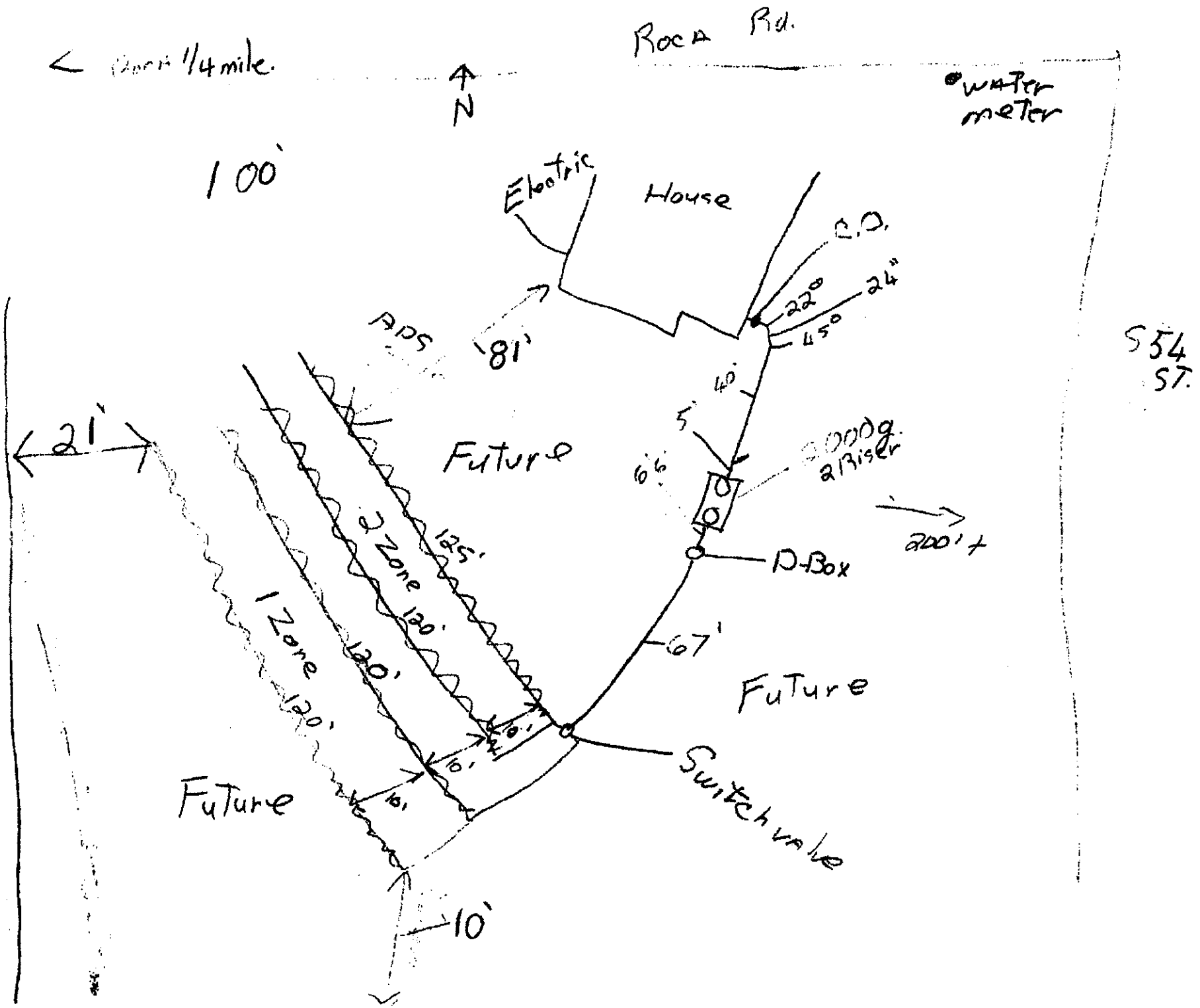
Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No partially

If Yes, the Certified Professional must sign below for final approval

I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate

Certified Professional Signature: [signature] Date: 4/12/16

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


Roca Rd.
North 1/4 mile.
N
*water meter
100'
Electric
House
C.O.
22°
24"
45°
554 ST.
81'
PIPS
40'
5'
6'6"
2000g. 2 Riser
Future
21'
2 Zone 125'
1 Zone 120'
120'
200'+
D-Box
67'
Future
10'
10'
10'
Future
Switchvalve
10'