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

A

Permit Number HS001799

New Construction
TruBuilt

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 23180 S 68th St (no rural route) City Hickman, NE Zip 68372

Legal Description SW 10 7N 7E 59
(1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot)

PID 14-10-300-015-000

B. Owner

Name Craig Dick Signature [signature]

Address 7248 Andy Dr City/State/Zip Lincoln, NE 68516

Home Phone 515-240-3347 Work Phone

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 3 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 24.67
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 3/11/19 Amount Paid $420.00
Received By [signature] Cash/Check No. CC4444

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

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

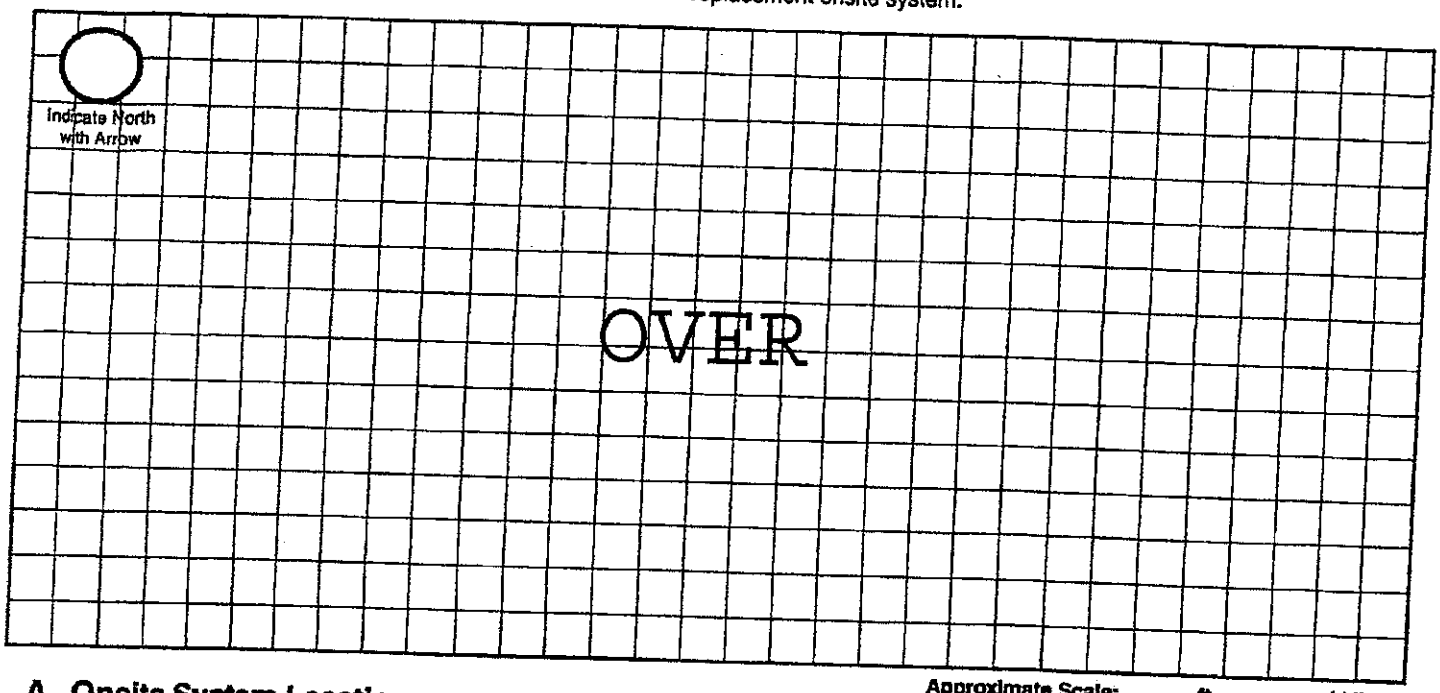
C

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: _____ ft. = _____ grid line/s

A. Onsite System Location

Address (no rural route) 23180 S 68th St City Hickman NE, Zip 68372

B. Proposed Septic Tank/s

Septic Tank Cap._____ 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_____ (min/inch = mpi) No. of Bedrooms_____ Soil Type_____ Land Slope_____%

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

Total length of laterals_____ 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_____

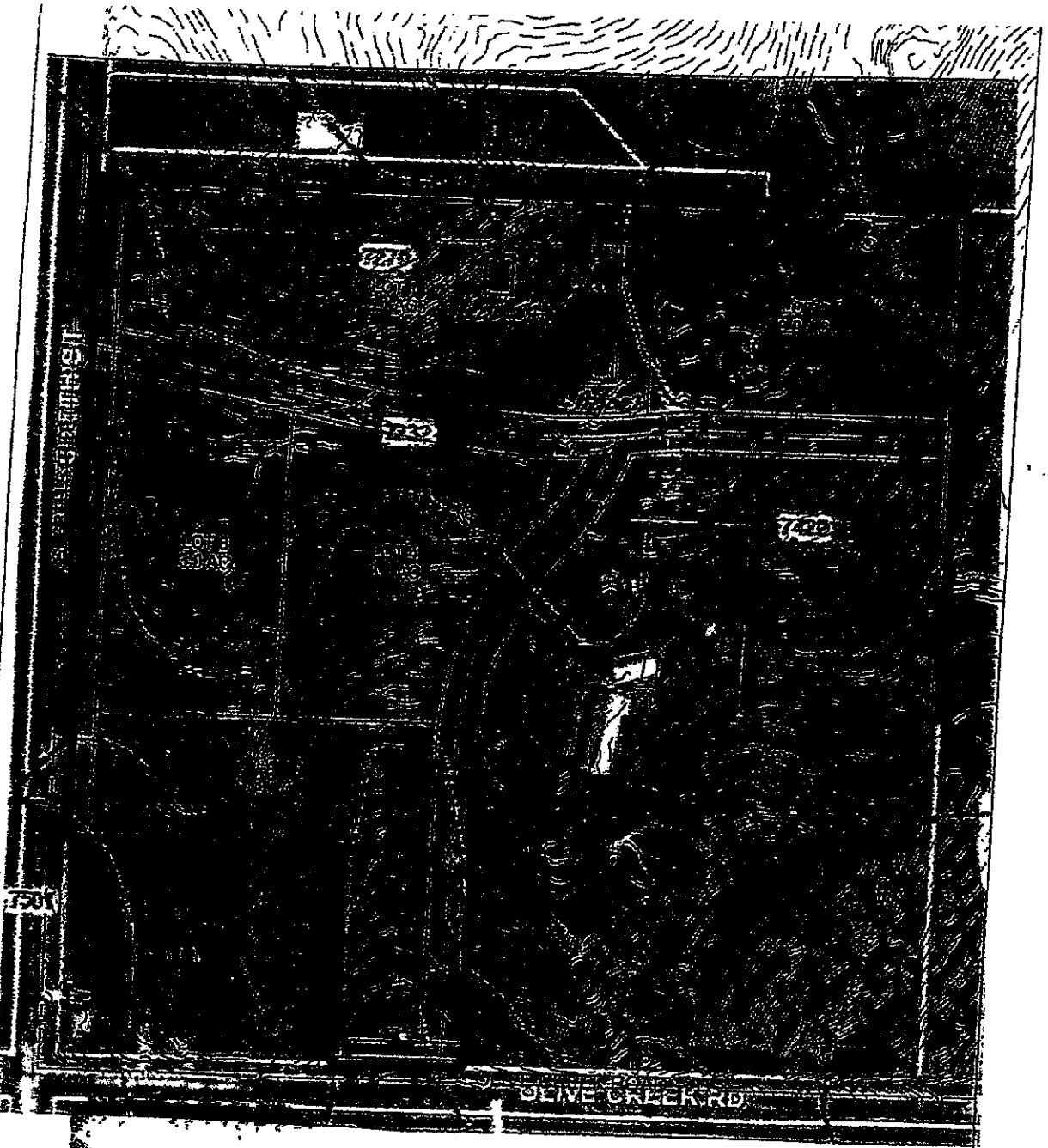
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations 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 _____ Date 3/11/2019

Installer _____ Date 3/11/19



Lagoon 59'X59'

Remove trees 50' radius

drawn by: jds checked by: - project no.: 2018-0232 date: 10/30/2018	**S. 68TH & OLIVE CREEK ROAD** **CONCEPTUAL SITE PLAN** **HICKMAN, NEBRASKA**	Civil Design Group, Inc. 8023 EXECUTIVE WOODS DR., SUITE 200 LINCOLN, NEBRASKA 68512 PH. 402-724-2400 FAX 888-233-8747 www.cdgnet.com CONSULTING ENGINEERS LAND USE PLANNERS CIVIL DESIGN • SITE DEVELOPMENT PLANNING BOARD	EXHIBIT 1

Customer Initials

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. HS001799

System Type: Lagoon

Situs: 23180 S 68TH ST, HICKMAN, NE 68372

Issued: 4/8/2019

Expires: 4/8/2020

Description: S10, T7, R7, 6th Principal Meridian, LOT 59 SW

Owner: DICK, CRAIG M & HECKMAN-DICK, ALISSA N
7248 ANDY DR
LINCOLN, NE 68516

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

RAYMOND CONTRACTING INC
13800 NW 70TH ST
RAYMOND, NE 68428

SCANNED

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

A

Permit Number HS001799

New Construction
TruBuilt

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 23180 S 68th St (no rural route) City Hickman, NE Zip 68372

Legal Description SW 10 7N 7E 59
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 14-10-300-015-000

B. Owner

Name Craig Dick Signature

Address 7248 Andy Dr City/State/Zip Lincoln, NE 68516

Home Phone 515-240-3347 Work Phone

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 3 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 24.67
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 4/5/19
Date frwd 4/8/19
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 3-11-19 Amount Paid $420.00
Received By BAO Cash/Check No. CC4446

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

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: HS001798

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 PID = 14-10-300-015-000

Address or Legal Description or Parcel Identification Number (PID) 23180 S 68th St, Hickman, NE 68372

Owner: Craig Dick Address 7248 Andy Dr, Lincoln, NE 68516

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 136 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2,000
3. Depth to top of tank, below unfinished grade: ____ in.
4. Distance to:
   Well 500 ft.+ (Hickman Community Well)
   Pressure line N/A ft
   Property Line 100 ft.+
   Foundation 100 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 54 ft. S

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other
   Material brand and inside width of Chamberless: EZFlow 1203H Bundles
2. Number of Laterals: 4
3. Length of each lateral (linear): ft. 90 ft. 100 ft. 100 ft. 100
4. Drainfield size: 1,755 sq. ft.
5. Distance to:
   Well 500 ft.+ (Hickman Community Well)
   Pressure line N/A ft.
   Property line 100 ft.+
   Depth of Groundwater >8'

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No (Partially)

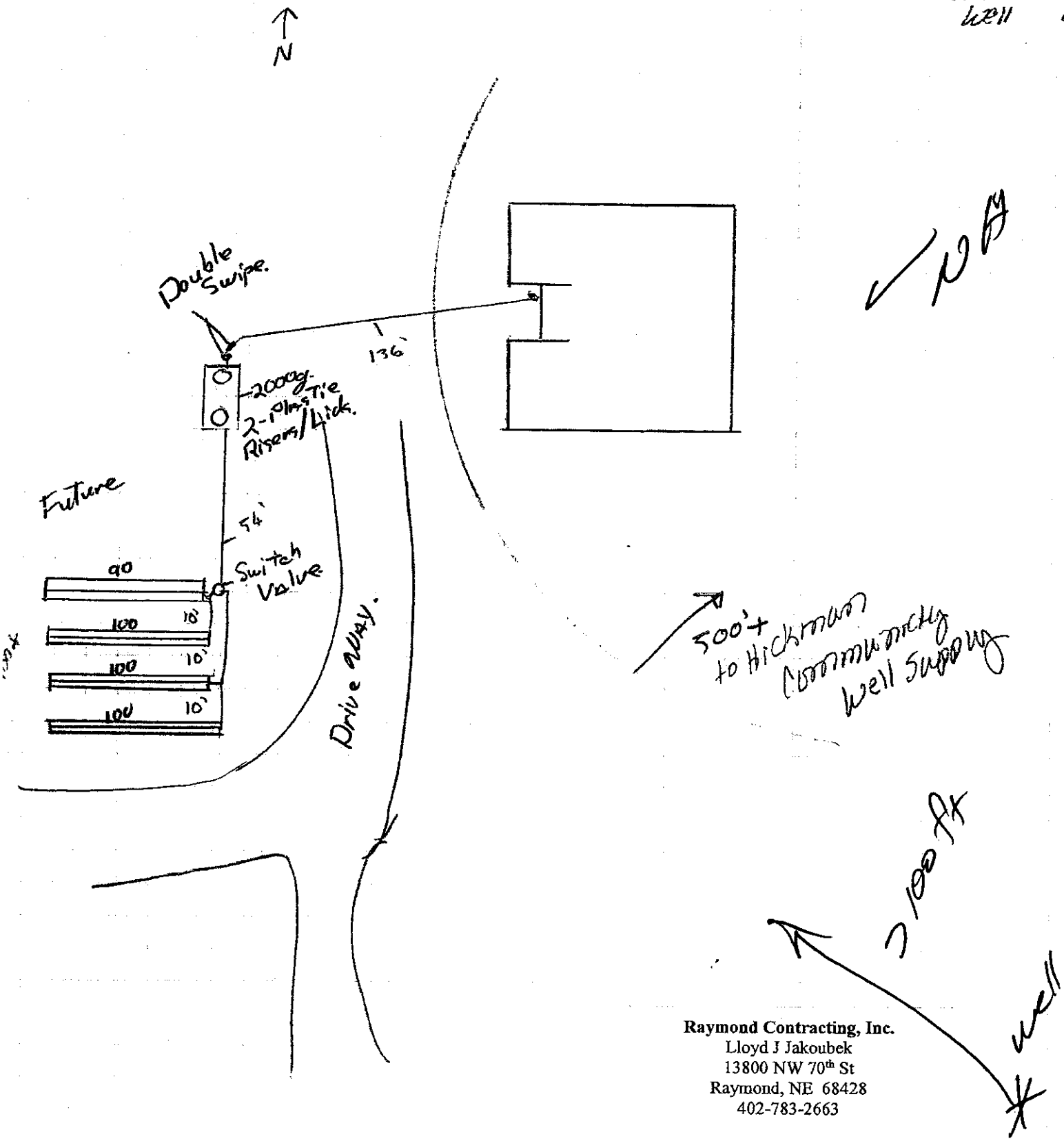
If Yes, the Certified Professional must sign below for final approval:

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: July 1, 2019

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

Updated 4/15



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

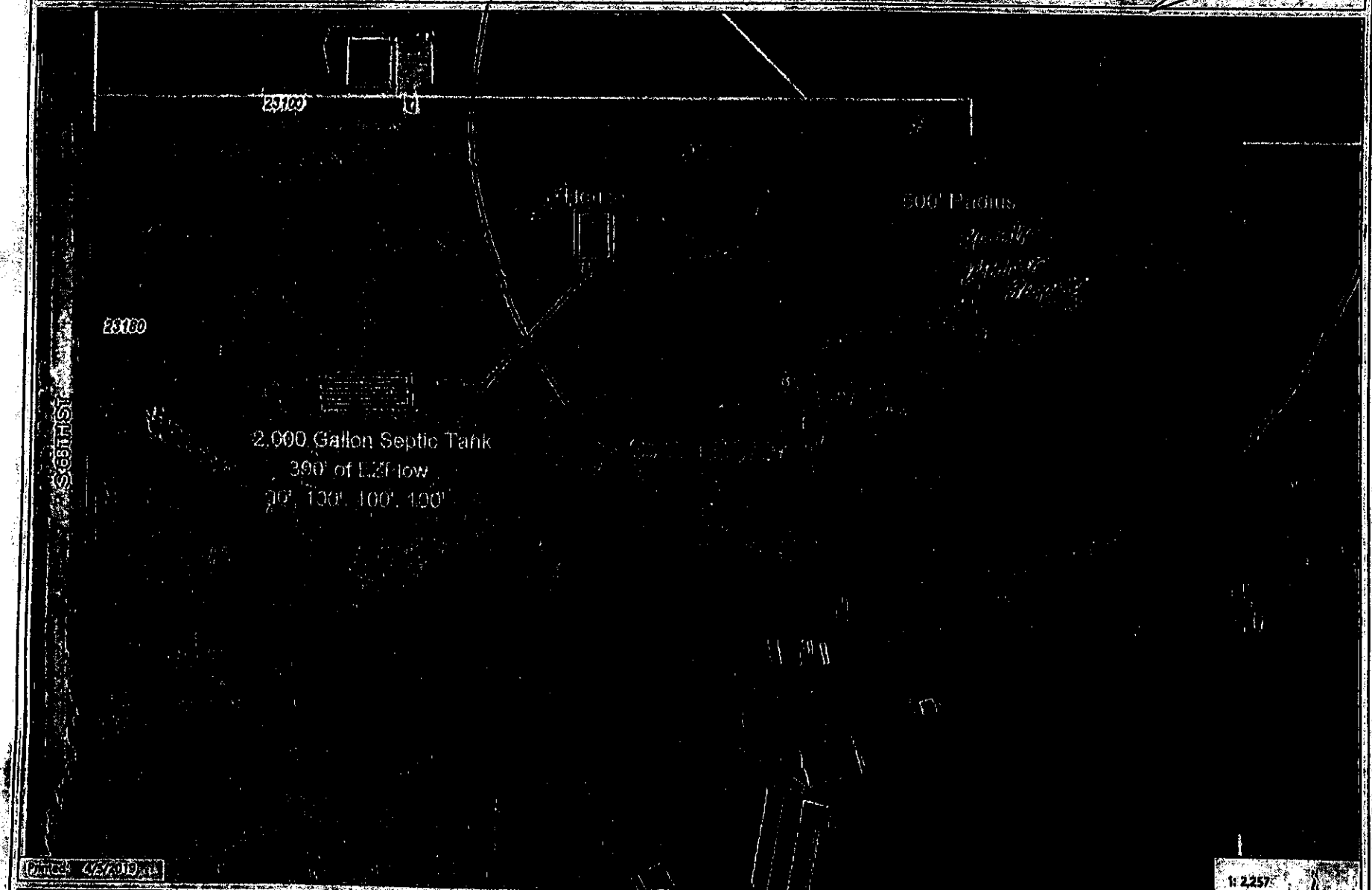
7/1/2019

23180 S 68th St, Hickman, NE 68372

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map

Customer Initials



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 assessor@lincoln.ne.gov and you will be directed to the appropriate department.



Nate C. Hartman

From: Nate C. Hartman
Sent: Tuesday, March 19, 2019 3:27 PM
To: 'Terri Jakoubek'; 'sclarke@hickman.ne.gov'
Cc: 'Buell, Thomas'; 'Sue.Dempsey@nebraska.gov'; Scott E. Holmes; Chris M. Schroeder; Doug R. Smith; 'Chin.Chew@nebraska.gov'
Subject: 23180 S. 68th

All:

Please consider this email a follow-up to our recent conversations regarding a permit application obtained by LLCHD from Raymond Contracting. On March 11th, a permit application was receipted by LLCHD for the property address noted above (PID 1410300015000). Upon review, it was observed that the permit application is requesting site clearance to construct a Lagoon on the property directly adjacent to one of the City of Hickman's "Community" drinking water supply wells.

Based on the documentation that was received, there is not enough information included with the application in order to approve the application at this time. Current state law (Nebraska Title 124) and county resolution requires that a lagoon being proposed **within 1000' (ft) of a "Community" water supply must be evaluated by an engineer regarding the potential for impacting the well**. There is no such supporting documentation indicating that this review has been conducted, submitted, reviewed or approved. In addition, this may also require a separate permit application and review by NDEQ. Please contact Tom Buell regarding any necessary NDEQ Permitting.

If the proposed Lagoon system falls outside of the 1000' setback requirement for a "Community" water supply, please provide that information, in writing to LLCHD in order to proceed with permit processing.

It should be noted that these steps **must** be completed prior to any permit approval being issued by LLCHD.

Also, I have cc'd Sue Dempsey and Chin Chew with Nebraska Department of Health and Human Services for interpretation of any applicability to Title 179. If DHHS has any comments or questions, please let me know as soon as possible. As always, your prompt response is greatly appreciated in these matters.

If anyone has any questions, please feel free to contact my office at 441-8643.

Thanks!

Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
3131 'O' Street, Lincoln, NE 68510
O: 402-441-8643 F: 402-441-3890

402-610-0523 Bo Jones

Nate C. Hartman

From: Terri Jakoubek <jakoubek63@windstream.net>
Sent: Tuesday, March 12, 2019 2:11 PM
To: Nate C. Hartman
Subject: Revised Proposed Lagoon Design
Attachments: TruBuilt-Dick Revised Proposed Lagoon Design.pdf

Hi Nate - sorry about that, there is no subdivision in process at this time. Please see attached revised proposed design. Let me know if you have any questions.

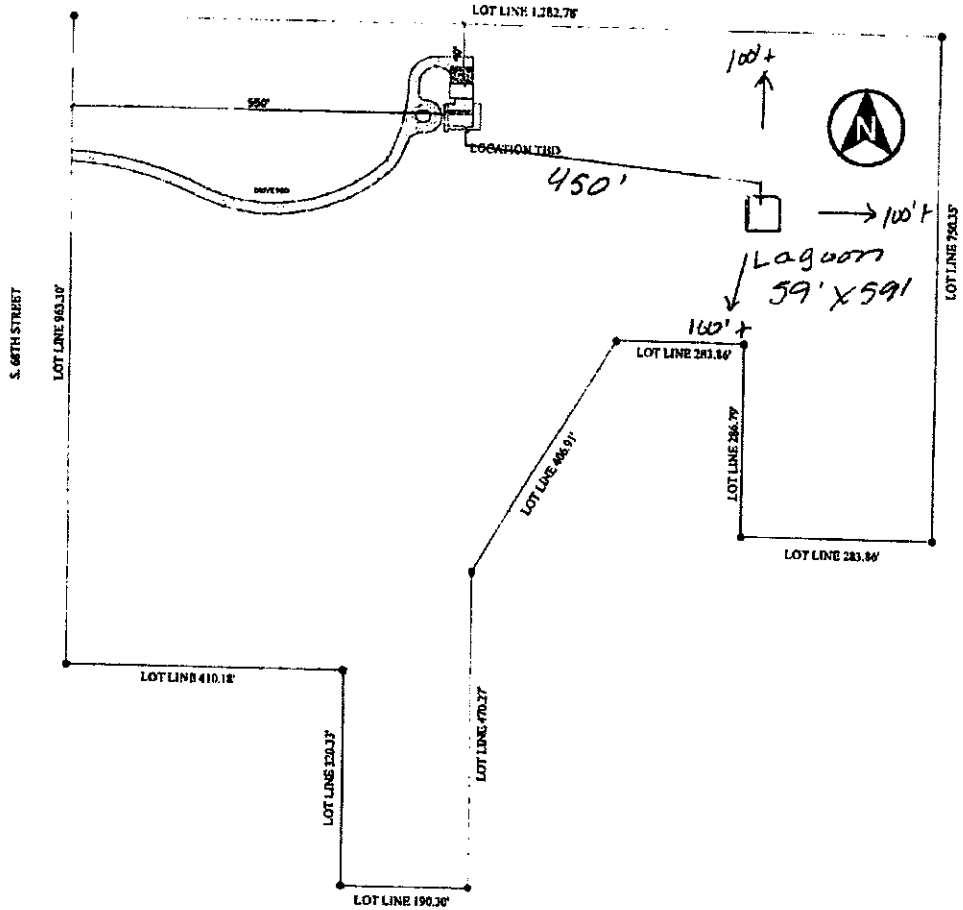
Thanks,

Terri Jakoubek
Raymond Contracting, Inc.
13800 NW 70th St
Raymond, NE 68428
402-783-2663 (Office)
402-783-2341 (Fax)
402-890-3870 (Mobile)
jakoubek63@windstream.net

Customer Initials

ADDRESS
21380 S 68TH ST
HICKMAN, NE 68372

SUBDIVISION
S10, T7, R7, 6TH PRINCIPAL MERIDIAN, LOT 59 SW
LANCASTER COUNTY



SITE PLAN
SCALE: 1" = 80'

NOTE: RAISE GARAGE FOUNDATION FOR ZERO ENTRY

APPROXIMATE SQUARE FOOTAGES	
STRUCTURE	7,405 S.F.
DRIVEWAY/SIDEWALK	3,186 S.F.
PATIO/DECK	787 S.F.
TOTAL IMPERVIOUS	12,058 S.F.
TOTAL PERVIOUS	1,063,428 S.F.
TOTAL IMPERVIOUS	12,058 S.F.
LOT GRAND TOTAL	1,075,486 S.F.

24.67 Acres

Tru-Build

VIRTUACTIVE

DATE: 11/28/2018

SHEET: 2 OF 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 23180 S 68th St (no rural route) City Hickman NE, Zip 68372

Owner Craig Dick Address 7248 Andy Dr, Lincoln, NE 68516

Date of Tests 4/4/19 to 4/5/19 Weather: Precipitation 0 Temperature 54°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Last 30 mins of 4 hr or last 10 mins of 1 hr Water Level Drop					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	4/4	11:00a	4/4	3:00p	4/5	11:30a	6	4/5	12:00p	30	3/4	40
2	24	"	"	"	"	"	"	6	"	"	"	1-1/2	20
3	22	"	"	"	"	"	"	6	"	"	"	1/2	60
4	22	"	"	"	"	"	"	6	"	"	"	11/16	44
								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) Judson SL/ SCL

Groundwater Depth >7'

Sum of Percolation Rates: 164

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 _____

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

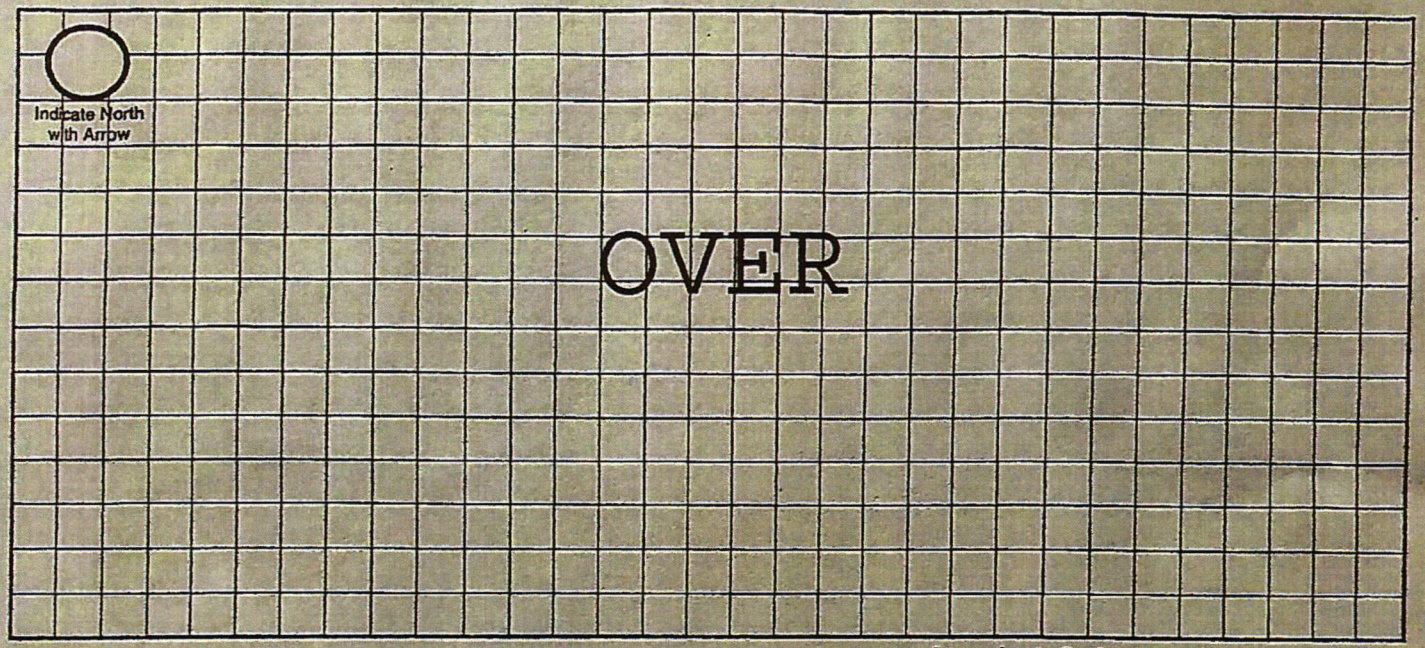
C

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: _____ ft. = _____ grid line/s

A. Onsite System Location

Address (no rural route) 23180 S 68th St City Hickman NE, Zip 68372

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☒ Drainfield Absorption Area (percolcation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 5 Soil Type Judson SL Land Slope _____ %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,750 sq.ft.

Total length of laterals 390 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 4 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 _____ Date 4/5/2019

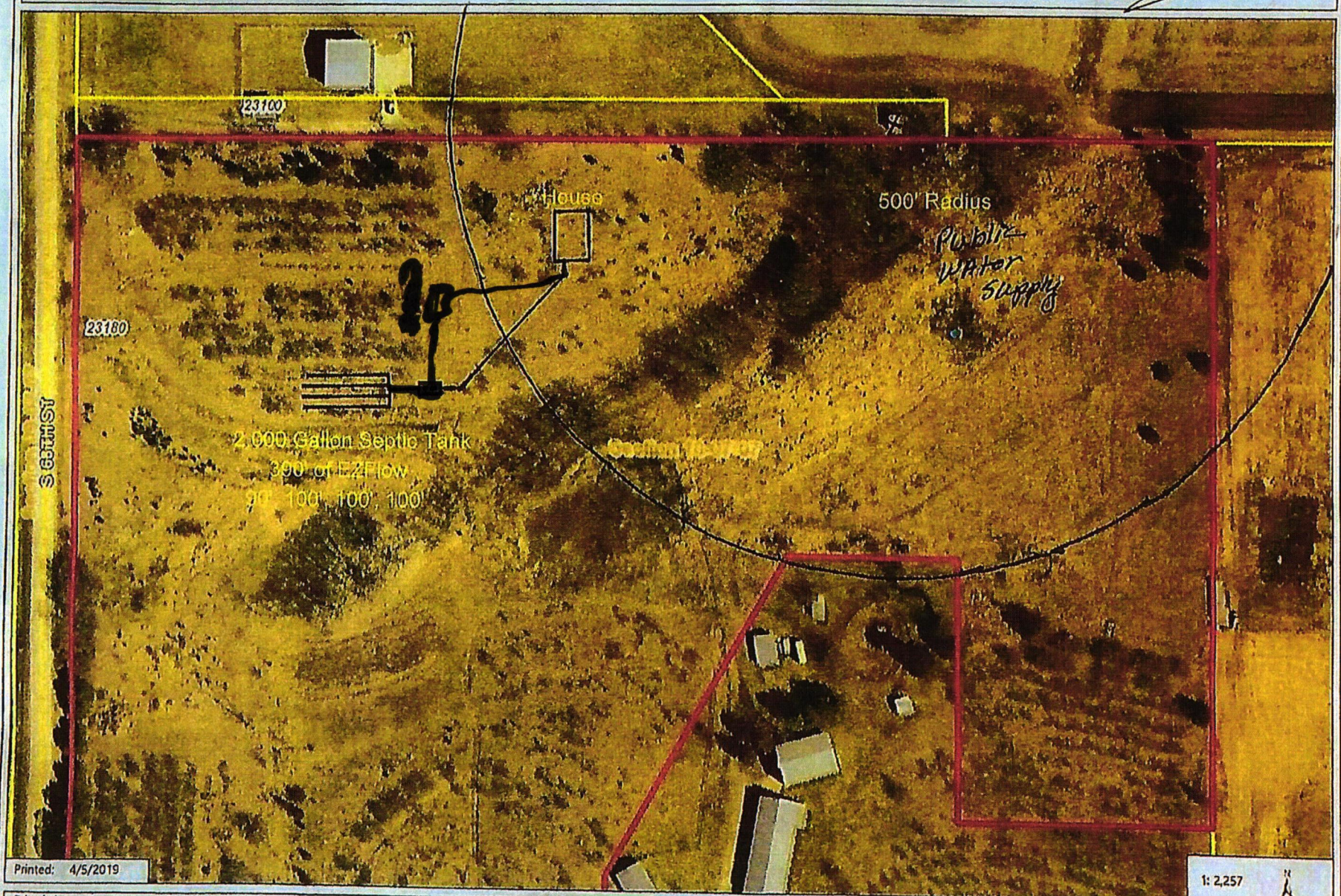
Installer _____ Date 4/5/19

23180 S 68th St, Hickman, NE 68372

GIS Viewer
CITY OF LINCOLN - LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map

Customer Initials



Printed: 4/5/2019

1: 2,257

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SCANNED

SCANNED



Lagoon 59'X59'

Remove trees 50' radius

drawn by: jds checked by: - project no.: 2018-0232 date: 10/30/2018	**S. 68TH & OLIVE CREEK ROAD** **CONCEPTUAL SITE PLAN** **HICKMAN, NEBRASKA**	Civil Design Group, Inc. 8535 EXECUTIVE WOODS DR., SUITE 200 Lincoln, Nebraska 68512 Ph. 402-434-8434 Fax 888-215-6747 www.cdgnet.com CONSULTING ENGINEERS• LAND USE PLANNERS CIVIL DESIGN• SITE DEVELOPMENT• PLANNING AND ZONING	EXHIBIT 1

DWG: F:\Projects\2018\0232\Landplanning\Concept\180232_fencep12.dwg
DATE: Oct 30, 2018 10:02am
USER: JDS
XREFS: Jds(2070)

Customer Initials