**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. HS001815**

**System Type:** Standard

**Situs:** 6030 W WAVERLY RD, RAYMOND, NE 68428

Issued: 4/30/2019

Expires: 4/30/2020

**Description:** S12, T11, R5, Acres 6th Principal Meridian, LOT 46 SE

**Owner:** WORLEY, DAN R
PO BOX 1194
COLUMBUS, NE 68602

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

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

**A**

Permit Number HS001815

# 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 6030 W Waverly Rd (no rural route) City Raymond NE Zip 68428

Legal Description SE 12 11N 5E

1/4 1/4 Section Township Range Subdivision Addition Block 46 Lot

PID 05-12-400-010-000

## B. Owner

Name Charlotte K Worley Signature Charlotte K. Worley

Address PO Box 1194 City, State, Zip Columbus, NE 68602

Home Phone 402-649-1655 Work Phone

## C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature Lloyd Jakoubek

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 the system designed by Engineer P.E. License Number

Designer Name P.E. Work Phone

## E. This system will serve a

☑ Residential Dwelling Number of Residents 4 Within 200' Sanitary Sewer? ☐ Yes ☑ No Total Acres 20

Community Sewer? ☑ 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 Regulation No. 82-30

**1. Health Department**

Site visits 4/30/19 ACTION ☑ Approved ☐ Disapproved

Comments Signature

**2. Supt. Bldg. Insp. or Village Clerk**

Comments Date rec'd Date fwd ACTION ☐ Approved ☐ Disapproved Signature

**3. City or County Engineer**

Comments Date rec'd Date fwd ACTION ☐ Approved ☐ Disapproved Signature

**Installation Final Written Approval**

By

Date

*Business Office Use Only*

Date Received 4-24-19 Amount Paid $420.00

Received By SAD Cash/Check No. 9605

Extension pd $130.00 4-20-20 ck#9688

Water Pollution Control & Safety

Form A Updated 1-13

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

**B**

Permit Number:

# Onsite Wastewater Treatment System
## Soil Evaluation Report

PLEASE PRINT OR TYPE

### Onsite System Location

Address 6030 W WAVERLY RD - WEST LOCATION (no rural route) City RAYMOND NE, Zip 68428

Owner CHARLOTTE WORLEY Address

Date of Tests 9/18/18 to 9/19/18 Weather: Precipitation 0 Temperature 90

### Percolation Test Data Table

| A. | B. | C. | D. | E. | F. | G. | H. | I. | J. | K. | L. | M. | N. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Saturation/Swelling Time | | | | Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr | | | | | 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 | 30 | 9/18 | 2:45 | 9/19 | 8:45 | 9/19 | 12:15 | 6 | 9/19 | 12:45 | 30 | 5/8 | 48 |
| 2 | 30 | 9/18 | 2:45 | 9/19 | 8:45 | 9/19 | 12:15 | 6 | 9/19 | 12:45 | 30 | 7/8 | 35 |
| 3 | 30 | 9/18 | 2:45 | 9/19 | 8:45 | 9/19 | 12:15 | 6 | 9/19 | 12:45 | 30 | 3/4 | 40 |
| 4 | 30 | 9/18 | 2:45 | 9/19 | 8:45 | 9/19 | 12:15 | 6 | 9/19 | 12:45 | 30 | 5/8 | 48 |
| | | | | | | | | 6 | | | | | |
| | | | | | | | | 6 | | | | | |
| | | | | | | | | 6 | | | | | |
| | | | | | | | | 6 | | | | | |

### Person Conducting Percolation Test

Name: JASON KUBIK
Phone: 402-475-2462
Address 105 LOCUST ST, P.O. BOX 191
HICKMAN, NE 68372

Sum of Percolation Rates: 171
Average of Rates: 42.75
Rate Used for Calculation: 43

Soil type (NRCS Maps/Other) 7644 YUTAN SILTY CLAY LOAM
Groundwater Depth +12

### 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

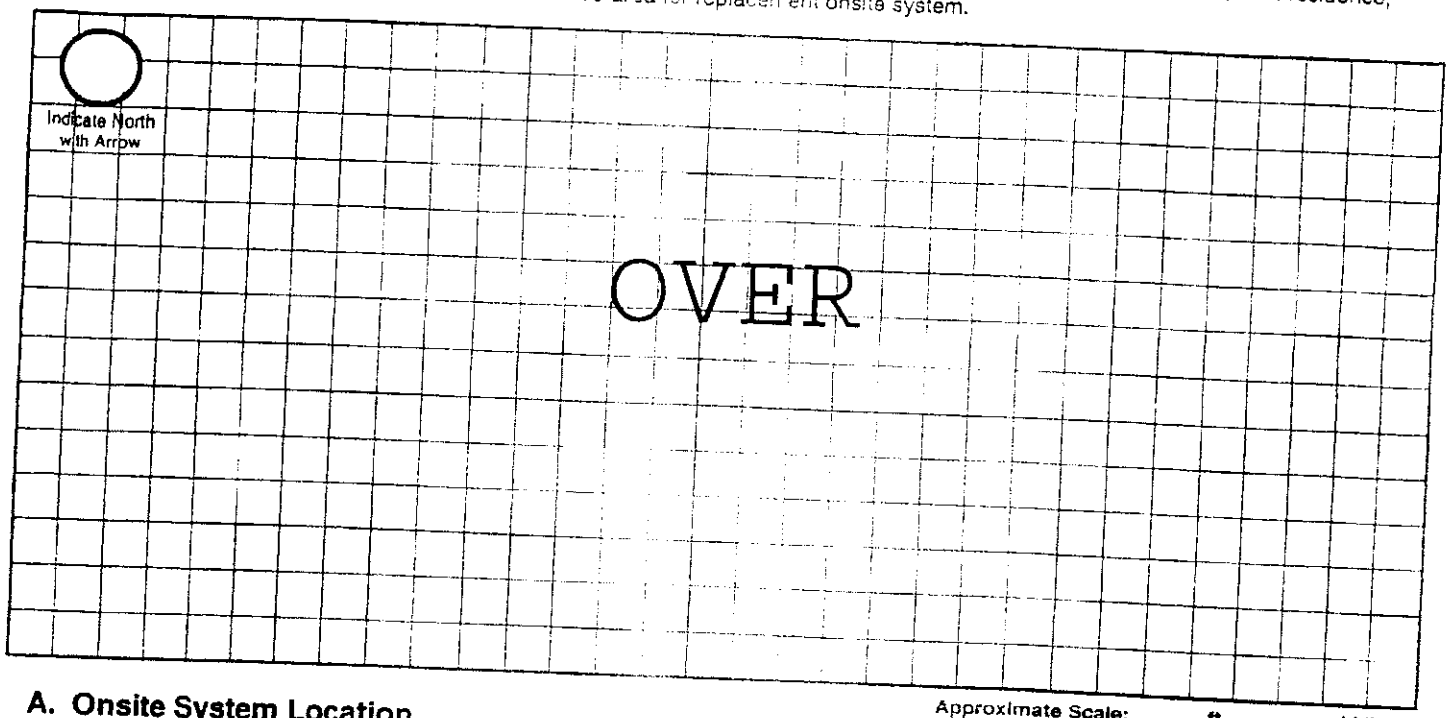
C

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) 6030 W Waverly Rd City Raymond NE, Zip 68428

## B. Proposed Septic Tank/s

Septic Tank Cap. 1,500 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 43 (min/inch = mpi) No. of Bedrooms 4 Soil Type Yutan SCL Land Slope _____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved) Total Square feet of drainfield 1,350 sq.ft.

Total length of laterals 300 Type of distribution ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZFlow 1203H

No. of absorption trenches 4 Width 40" No. of drop boxes 1 Distribution 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 | Ground Water | Pressure Water Lines | Property Lines | Foundations Yours | Foundations Neighbors | All Other Setbacks |
|---|---|---|---|---|---|---|---|---|---|
| Tank (ft) | 50 ☒ | 500 ☒ | 50 ☒ | N/A X | 25 ☒ | 20 ☒ | 15 ☒ | 25 ☒ | ☒ |
| Field (ft) | 100 ☒ | 500 ☒ | 50 ☒ | 4 X | 30 ☒ | 20 ☒ | 30 ☒ | 40 ☒ | ☒ |
| Lagoon (ft) | 100 ☐ | 500 ☐ | 50 ☐ | N/A ☐ | 30 ☐ | 50 ☐ | 100 ☐ | 200 ☐ | ☐ |

## F. Required Signatures

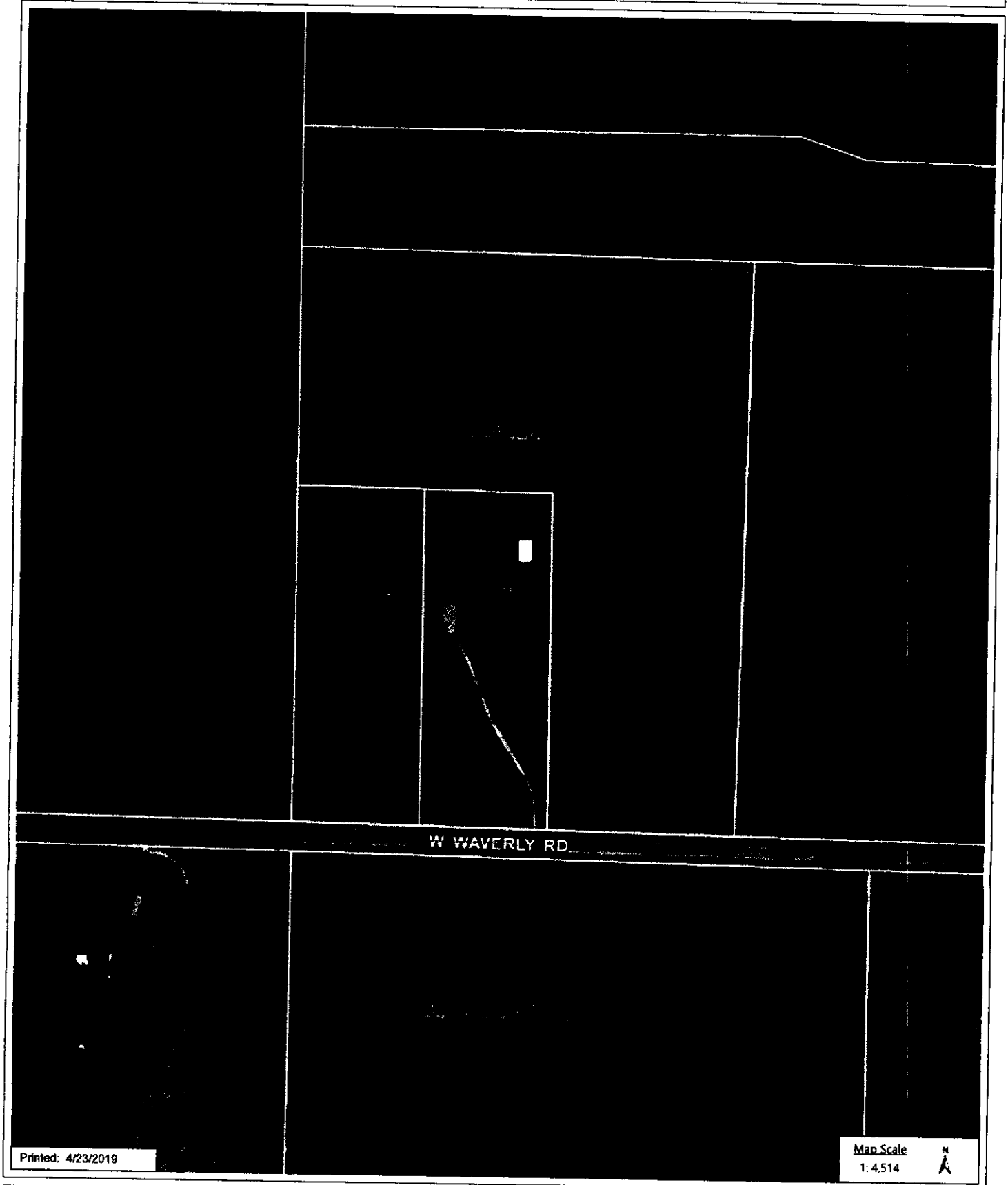
Home Building Contractor Charlotte Worley Date April 21, 2019

Installer Rene L. Gonzalez Date 4/22/19

Wrley 6030 W. Waverly Rd., Raymond NE 68428

GIS Viewer
CITY OF LINCOLN-LANCASTER COUNTY, NE

City of Lincoln\Lancaster County GIS Map




Printed: 4/23/2019

Map Scale
1: 4,514

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

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

**ON-SITE WASTE WATER SYSTEM**
**CONSTRUCT/ INSTALL EXTENSION PERMIT**
**No. HS001815**

**System Type:** Standard

**Situs:** 6030 W WAVERLY RD, RAYMOND, NE 68428

Issued: 5/1/2020

Expires: 10/30/2020

**Description:** S12, T11, R5, Acres 6th Principal Meridian, LOT 46 SE

**Owner:** WORLEY, DAN R
PO BOX 1194
COLUMBUS, NE 68602

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, Interim 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.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
Interim 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
HS001815

# 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 6030 W Waverly Rd (no rural route) City Raymond NE Zip 68428

Legal Description SE 12 11N 5E 46

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

PID 05-12-400-010-000

**B. Owner**

Name Charlotte K Worley Signature Charlotte K. Worley

Address PO Box 1194 City, State, Zip Columbus, NE 68602

Home Phone 402-649-1655 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 the engineer designed system P.E. License Number:

Designer Name Work Phone

**E. This system will serve a**

☑ Residential Dwelling Number of Bedrooms 4 Whirlpool Bath? ☐ Yes ☑ No Total Acres 20

Basement Present? ☑ 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. 92-30

1. **Health Department**
Site visits
Comments
Date Received 4/30/19
Date Issued 4/30/19
ACTION ☑ Approved ☐ Disapproved
Signature

2. **Supt. Bldg. Insp. or Village Clerk**
Comments
Date Received
Date Issued
ACTION ☑ Approved ☐ Disapproved
Signature

3. **City or County Engineer**
Comments
Date Received
Date Issued
ACTION ☑ Approved ☐ Disapproved
Signature

**Installation Final Written Approval**
By
Date 10/2/20

Good Thru 10/24/20 Jakoubek 9/16

*Business Office Use Only*
Date Received 4-24-19 Amount Paid $420.00
Received By JRO Cash/Check No. 9605
Extension pd $130.00 4-20-20 Ck#9688

Water Quality Public Health & Safety

Form A Updated 1/15

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: HS001815

# 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 = 05-12-400-010-000

Address or Legal Description or Parcel Identification Number (PID) 6030 W Waverly Rd, Raymond, NE 68428

Owner: Dan R Worley Address 6030 W Waverly Rd, Raymond, NE 68428

### A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 186 ft.

### B. Septic Tank

1. Material Concrete
2. Capacity: 2000g
3. Depth to top of tank, below unfinished grade: 18 in.
4. Distance to:
   Well 100 ft.
   Pressure line N/A ft
   Property Line 25 ft.+
   Foundation 100 ft.+

### C Distribution Box or Drop Box

Distance and Direction from septic tank: 13 ft. N
(Drainfield Control Valve)

### 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. 80 ft. 70 ft. 80 ft. 70
4. Drainfield size: 1350 sq. ft. (135 Required)
5. Distance to:
   Well 100 ft.+
   Pressure line N/A ft.+
   Property line 25 ft.+
   Depth of Groundwater >7'

Last 2 laterals not dug upon arrival

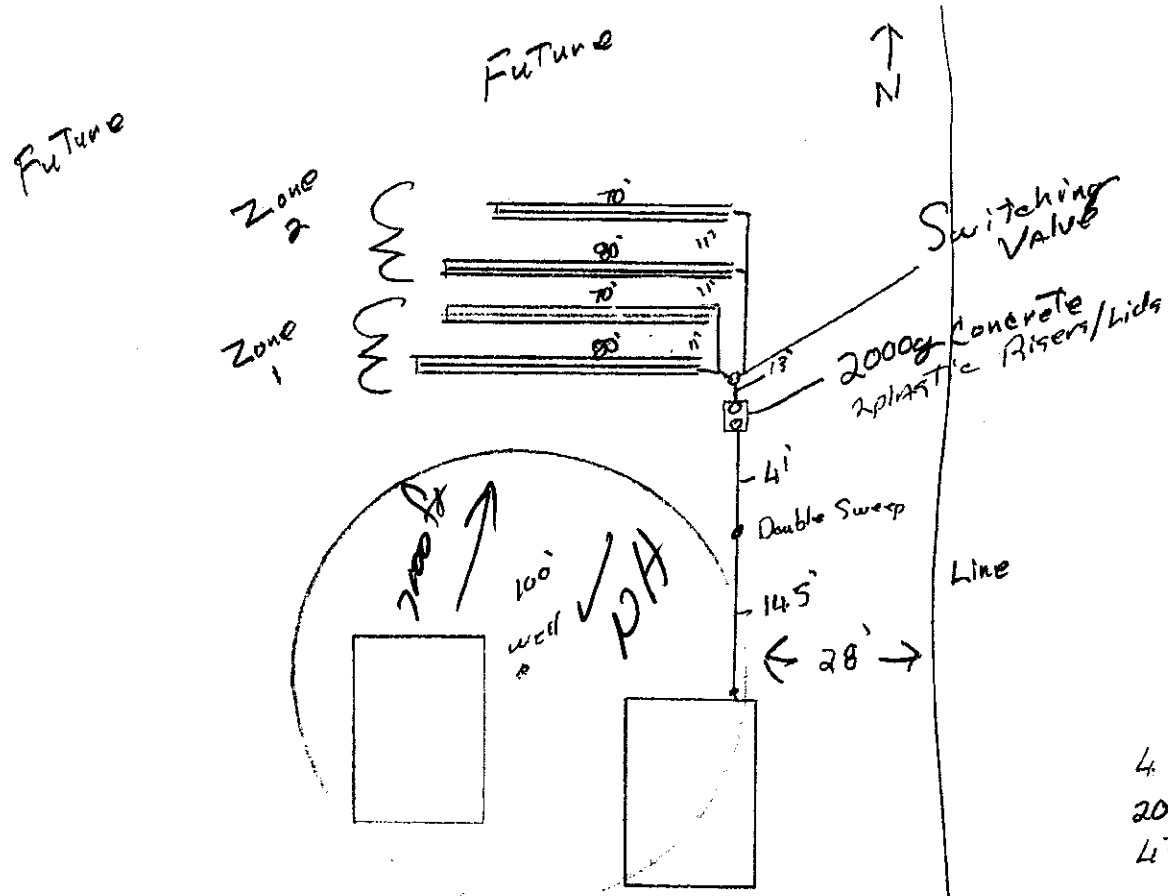
Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No (Partially)

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: 9/30/20

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




4 Bed Room yes/No
2000g. Tank.
43 mpi- 300' EZ Flow.

6030 West Waverly Rd.
Raymond NE. 68428

9/30/2020

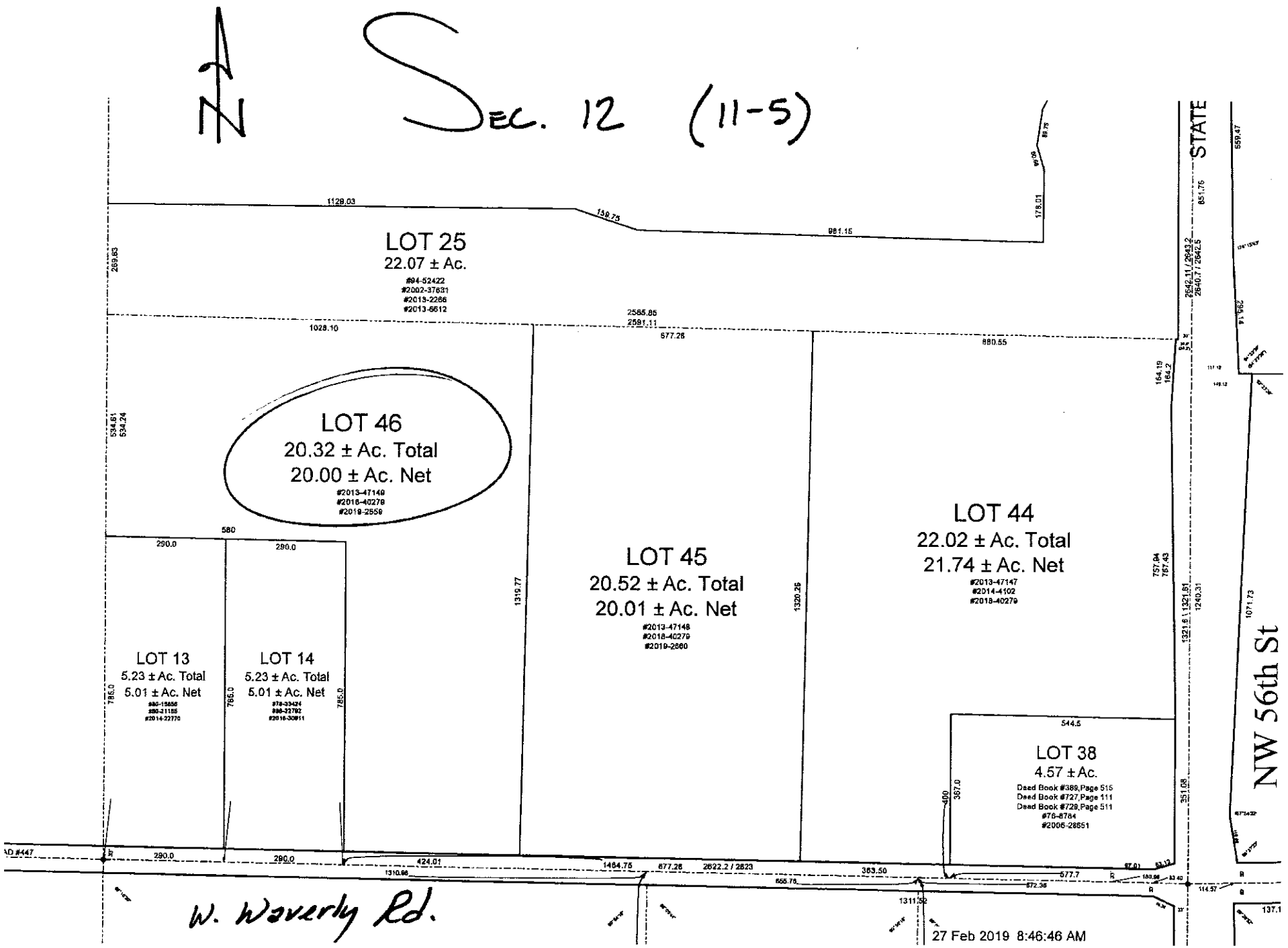
**Raymond Contracting, Inc.**
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663

## Nate C. Hartman

**From:** Ken D. Schroeder
**Sent:** Thursday, April 25, 2019 2:20 PM
**To:** Nate C. Hartman
**Cc:** Pamela L. Dingman
**Subject:** Sewage disposal system for PID #05 12 400 010 000 (6030 Waverly Road)
**Attachments:** part of sec 12-11-5.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 46 irregular tracts located in the SE ¼ of Section 12, T11N, R5E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec 12-11-5.pdf)*
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


N
Sec. 12 (11-5)
LOT 25
22.07 ± Ac.
#94-52422
#2002-37631
#2013-2266
#2013-5612
LOT 46
20.32 ± Ac. Total
20.00 ± Ac. Net
#2013-47149
#2018-40278
#2019-2558
LOT 45
20.52 ± Ac. Total
20.01 ± Ac. Net
#2013-47148
#2018-40279
#2019-2660
LOT 44
22.02 ± Ac. Total
21.74 ± Ac. Net
#2013-47147
#2014-4102
#2018-40279
LOT 13
5.23 ± Ac. Total
5.01 ± Ac. Net
LOT 14
5.23 ± Ac. Total
5.01 ± Ac. Net
LOT 38
4.57 ± Ac.
Deed Book #389,Page 515
Deed Book #727,Page 111
Deed Book #729,Page 511
#76-6784
#2006-28551
STATE
NW 56th St
W. Waverly Rd.
27 Feb 2019 8:46:46 AM

## Nate C. Hartman

**From:** RJ Hamilton
**Sent:** Thursday, April 25, 2019 9:35 AM
**To:** Nate C. Hartman
**Subject:** 6030 W Waverly Rd

Nate,

The property with PID 0512400010000 and address 6030 W. Waverly Rd. is a legal buildable lot. There is no floodplain on the property.

Thank you,

RJ Hamilton
Plans Examiner
City of Lincoln
Building and Safety Dept.
402-441-6424