**Lincoln-Lancaster County Health Department**
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Alteration

**A**

Permit Number
#5002219

New Constuction - Modifying existing septic

# Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

☑ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

**PLEASE PRINT OR TYPE**

**A. Onsite System Location**

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

Legal Description SW (1/4) NW (1/4) 4 (Section) 12N (Township) 6E (Range) Benes Country Acres (Subdivison) 1st (Addition) 1 (Block) (Lot)

PID 13-04-101-001-000 *Approx. Address (If to be determined)

**B. Owner**

Name Brian Dittbrenner Signature

Address 23440 NW 27th St City/State/Zip Valparaiso, NE 68065

Home Phone 402-890-2063 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

**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 3.79
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**

**1. Health Department**
Site visits Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature
Comments

**2. Supt. Bldg. Insp. or Village Clerk**
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature

**3. City or County Engineer**
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature

**Installation Final Written Approval**
By
Date

***Business Office Use Only***
Date Received 5-18-21 Amount Paid $235
Received By JAO Cash/Check No cc 5040

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

Form A Updated: 2/18

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

Owner Ivan Benes Address 3095 County Road A, Valparaiso, NE 68066

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. | 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 | | 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 | 25 | 4/20 | 8:00a | 4/20 | 12:00p | 4/21 | 12:00p | 8 | 4/21 | 12:30p | 30 | 1 | 30 |
| 2 | 24 | " | " | " | " | " | " | 8 | " | " | " | 1/2 | 60 |
| 3 | 24 | " | " | " | " | " | " | 8 | " | " | " | 1/2 | 60 |
| 4 | 26 | " | " | " | " | " | " | 8 | " | " | " | 2-1/2 | 12 |
| | | | | | | | | 8 | | | | | |
| | | | | | | | | 8 | | | | | |
| | | | | | | | | 8 | | | | | |
| | | | | | | | | 8 | | | | | |

### 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

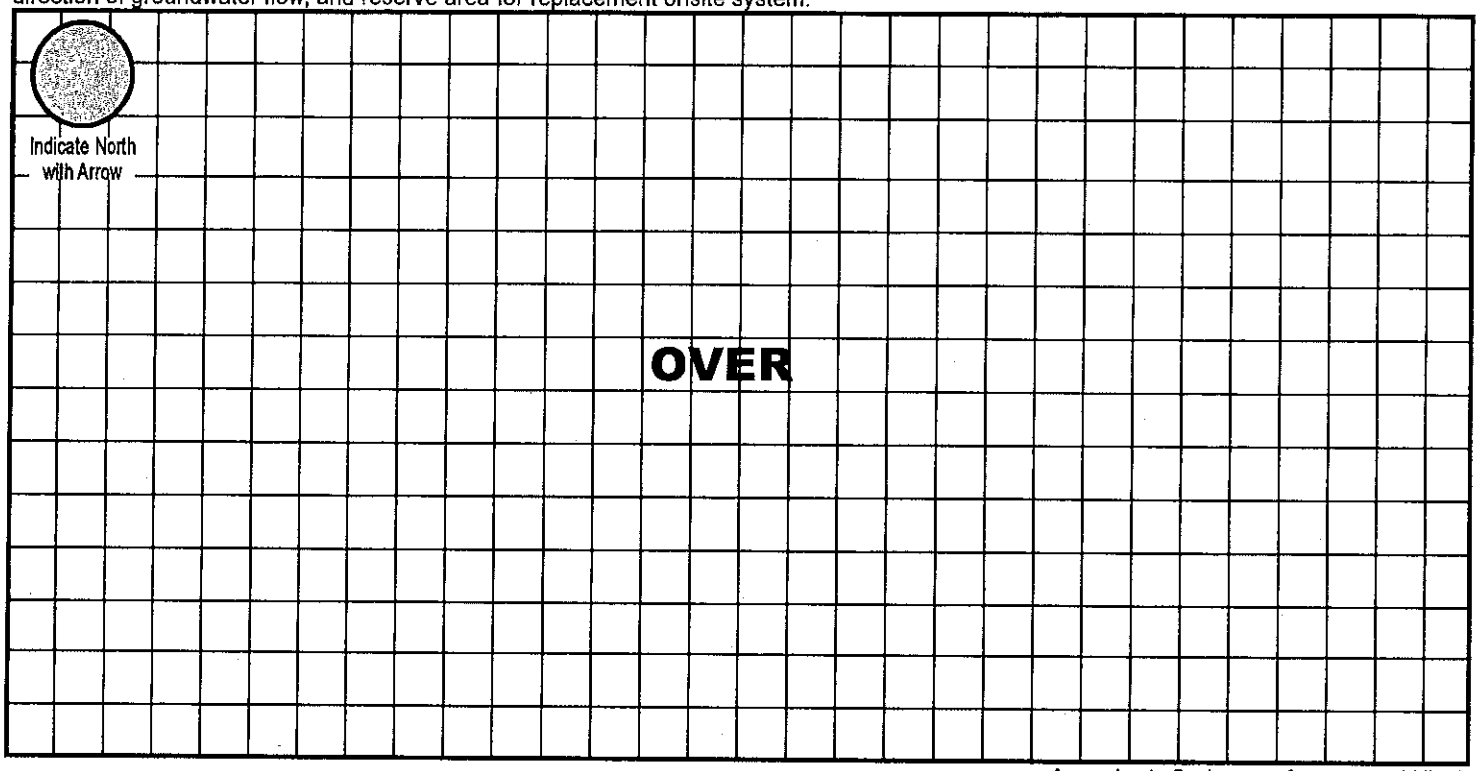
**Lincoln-Lancaster County Health Department**
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

**C**

Permit Number

# Onsite Wastewater Treatment System
# Preliminary Plan Specification

Draw a plot plan showing onsite system sewer lines, tank, drop or distribution boxes, drainfields, percolation test holes, well, residence, direction of groundwater flow, 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 68428

## B. Proposed Septic Tank/s

Septic Tank Cap. 1000 gals (Existing) Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (Max. Seepage 1/8"/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 3 Soil Type Aksarben SCL Land Slope ____ %

☑ Trench ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) Total square feet of drainfield 1,084 Sq. Ft.

Total length of laterals 275' Type of Distribution: ☐ Perforated Pipe ☐ Half-Round ☑ Chambers ☑ Other EZFlow 1203H

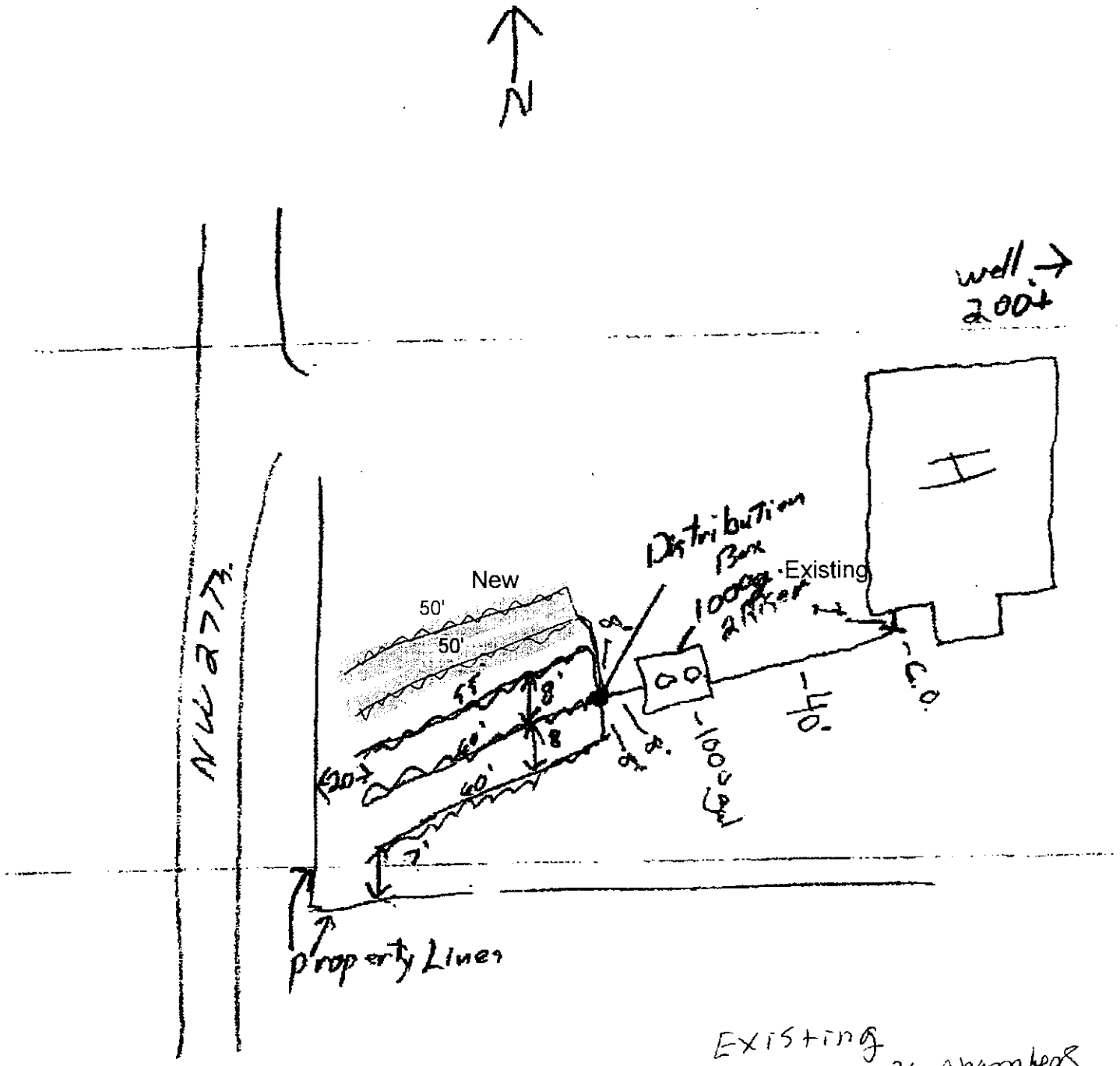
No. of Absorption Trenches 5 Width 40"/38" No. of Drop Boxes 1 Distribution Box _____

No. of Absorption Beds _____ Width _____ No. of Distribution Lines per Bed _____

175' of ADS ARC 36 Chambers for 634sqft - 3 lines (existing) + 100' of EZFlow 1203H Bundles for 450sqft - 2 lines (new)

Installer Mark L. Jakander Date: May 18, 2021

Updated 2/18




7/13/2015

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

Existing
175' ADS Arc 36 chambers
634 sq

New
100' EZ Flow 1203 H Bundles
450 sq

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

**ON-SITE WASTE WATER SYSTEM**
**ALTERATION PERMIT**
**No. HS002219**

**System Type:** Standard

**Situs:** No Site Address Specified

Issued: 5/19/2021

Expires: 5/19/2022

**Description:** BENES COUNTRY ACRES 1ST ADDITION, Lot 1

**Owner:** DITTBRENNER, BRIAN & ELIZABETH
23440 NW 27 ST
DAVEY, NE 68065

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, Interim Health Director

Dear Applicant:

The above document is your permit to alter an existing On-site Waste Water System at the location listed. Please contact this office once the alteration is complete to obtain final approval before use.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
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: 402-441-8022

**D**

Permit Number: HS002219

# Onsite Wastewater Treatment System

## As Built Plans & Specifications

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

### Onsite System Location

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

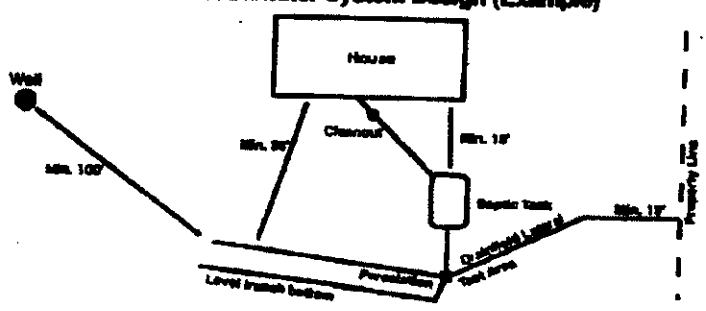
☑ Trench ☐ Bed ☐ Level Bottom

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 to this form.**

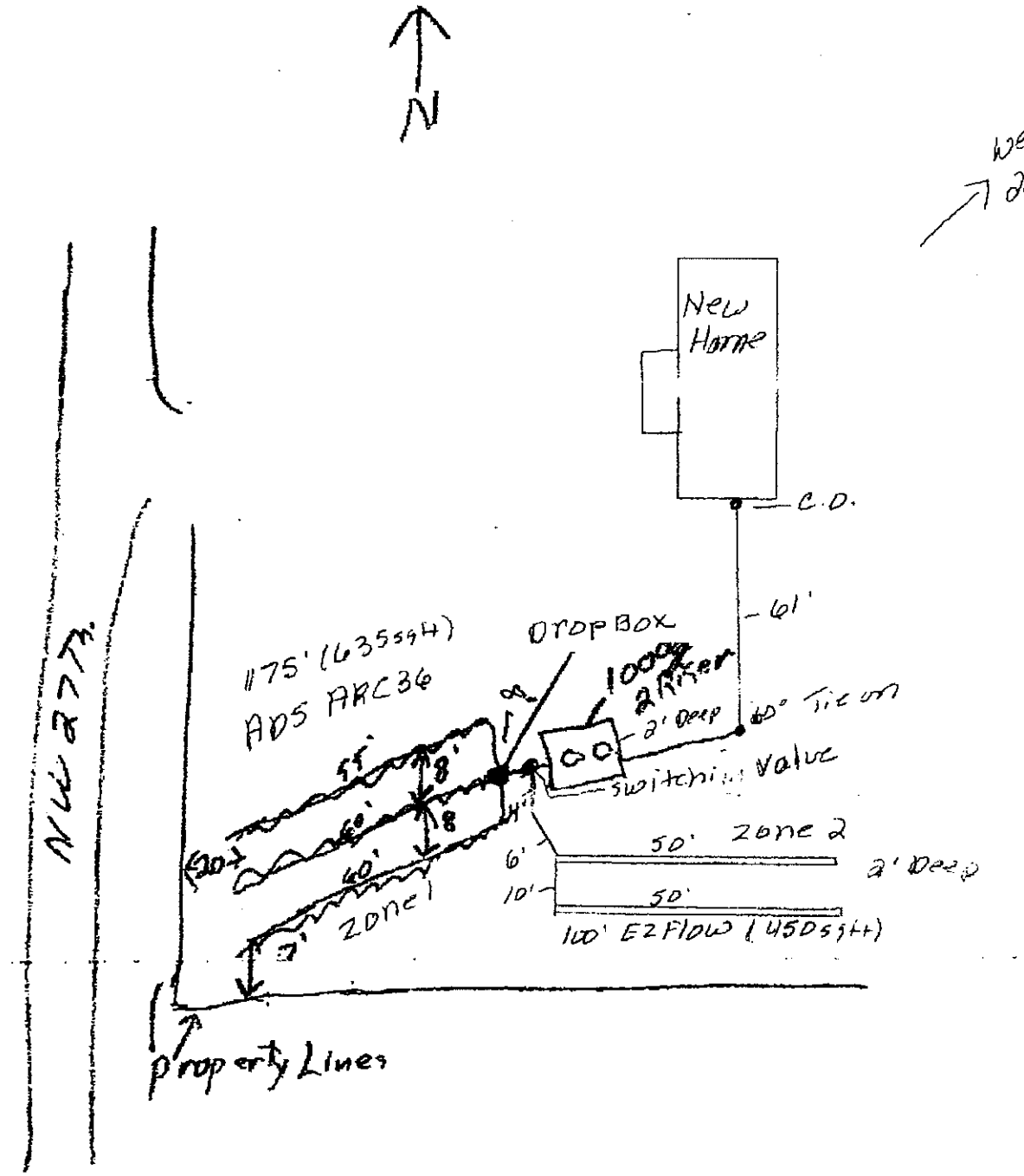
Indicate North with Arrow

**Onsite Wastewater System Design (Example)**




9-27-21, added 100' of EZFlow & drainfield switching valve to bring system into compliance for new home. 61' of new line installed at home to existing line to tank.
Original 175' of ADS ARC36, 635sqft
New 100' of EZFlow, 450sqft
Total 1085sqft

Rte Form D 12_06




9/27/21

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

SCANNED

Alteration

**Lincoln-Lancaster County Health Department**
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

**A**

Permit Number
HS0022219

New Constuction - Modifying existing septic

# Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

☑ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

**PLEASE PRINT OR TYPE**

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☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

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☑ Residential Dwelling Number of Bedrooms 3 Whirlpool Bathtub? ☐ Yes ☑ No Total Acres 3.79
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Type of Wastewater ☑ Domestic ☐ Non-Domestic

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## Approval Process

**1. Health Department**
Site visits
Comments
Date rec'd 5/19/21
Date frwd 5/19/21
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 9/29/21

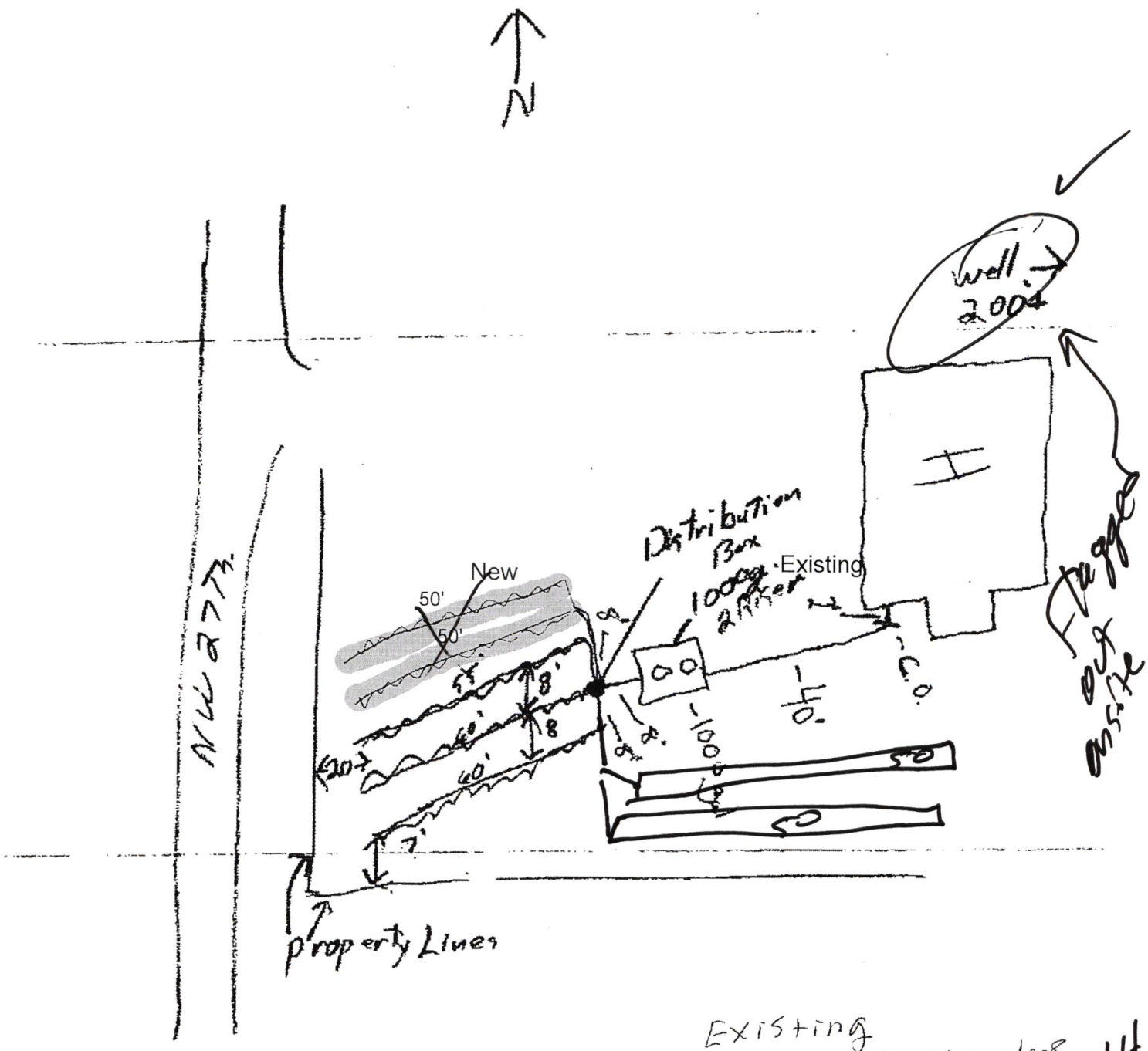
see modified D sheet

***Business Office Use Only***
Date Received 5-18-21 Amount Paid $235
Received By JAO Cash/Check No cc 5040

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

Form A Updated: 2/18

SCANNED




7/13/2015

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

Existing
175' ADS Arc 36 chambers
634 sq

New
100' EZ Flow 1203 H Bundles
450 sq

1084 (installed)
1050 Req'd