JUN 28 2018 HS001696

Application to Alter or Repair an Onsite Wastewater Treatment System

The applicant is applying for a permit to: ☒**ALTER** ☐**REPAIR** an existing Onsite Wastewater Treatment System, and agrees to comply with LMC 24.38 or County Resolution 02-0030.

1. **Street Address (No Rural Route):** 3601 W Wittstruck Rd, Martell, NE 68404

   Legal Description of Property: Township: 8N Range: 6E Section: 17-NW

   Block ____ Lot 14 SubDivsion ____ Add: ____

   ***Parcel ID** 08 - 17 - 100 - 006 - 000 (i.e. 99-99-999-999-999)

2. **Property use:** ☒ Residential ☐ Commercial ☐ Other use (Describe: ____)
   Number of bedrooms 3 Does the system have a: ☐ Garbage Grinder ☐ Large Capacity Tub

3. **Type of Present Individual Disposal System** ☒ septic system ☐ lagoon ☐ other

4. **Description of proposed alteration or repair:** Existing septic currently serves an agricultural building, has a 1,000 gallon septic tank and 700 sqft of drainfield (chambers with gravel, 4' wide trench), orginally designed to tie into a home. New home will have 3 bedrooms, no garabage disposal or oversized. We propose to add 40' of EZFlow, 180 sqft, to bring drainfield into compliance for a total of 880 sqft.

5. **Current Type of Lateral-** Chambers w/gravel **Current Linear Ft. Of Lateral -** 175'

   Current Tank Gallonage- 1,000

6. Print Name John Duncan Address 4720 S 71st St, Lincoln, NE 68516 Phone: 402-419-3427

Applicant Signature: John Duncan 4/27/18 Ryan L. Raasch Raymond Contracting

Please contact LLCHD for the current permit fee for this application

Fee must be included before the application will be processed. Incomplete information will delay processing.

HEALTH DEPARTMENT USE ONLY

☐Municipal Code 24.38 ☐County Resolution Number 02-30

Date received ___/___/___ REVIEW: ☐ Approved ☐ Disapproved By: ____

Comments (if any): ____

Site visits
Date ___/___/___ By ____
Date ___/___/___ By ____

Installation final written approval
Date ___/___/___ By ____

Return application to:

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

Business Office Use Only

Received: Date: 06/29/18 Amount $220 Check No. 9412 Initials JAT

Revised 4/8/13

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

B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 3601 W. W. Hstruck Rd City Martel NE Zip 68404

Owner Chris Northues (no rural route) Addresss 3601 W. W. Hstruck Rd

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: 25.58 min./inch

Date of Tests 7/10/99 to 7/11/99 Weather: Precipitation Rained early 7-9 about 1½" Temperature 74°

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. N. 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)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	36	7/10	10:30am	7-10	2:30pm	7/11	8:00am	6"	7/11	7:00am	30min	1"	30/1=30
2	36	7/10	10:30am	7-10	2:30pm	7/11	8:00am	6"	7/11	7:00am	30min	1⅜"	30/1⅜=21.82
3	36	7/10	10:30am	7-10	2:30pm	7/11	8:00am	6"	7/11	7:00am	30min	1⅛"	30/1⅛=26.67
4	36	7/10	10:30am	7-10	2:30pm	7/11	8:00am	6"	7/11	7:00am	30min	1"	30/1=30
5	36	7/10	10:30am	7-10	2:30pm	7/11	8:00am	6"	7/11	7:00am	30min	⅜"	30/⅜=76.75
6	36	7/10	10:30am	7-10	2:30pm	7/11	8:00am	6"	7/11	7:00am	30min	⅜"	30/⅜=18.75

Sum of Percolation Rates: 153.49
Average of Rates: 25.58
Rate Used for Calculation: 26

Person Conducting Percolation Tests

Name: Chris Northues
Phone: 890-5792
Address 3601 W. W. Hstruck Rd
Martell Ne 68404

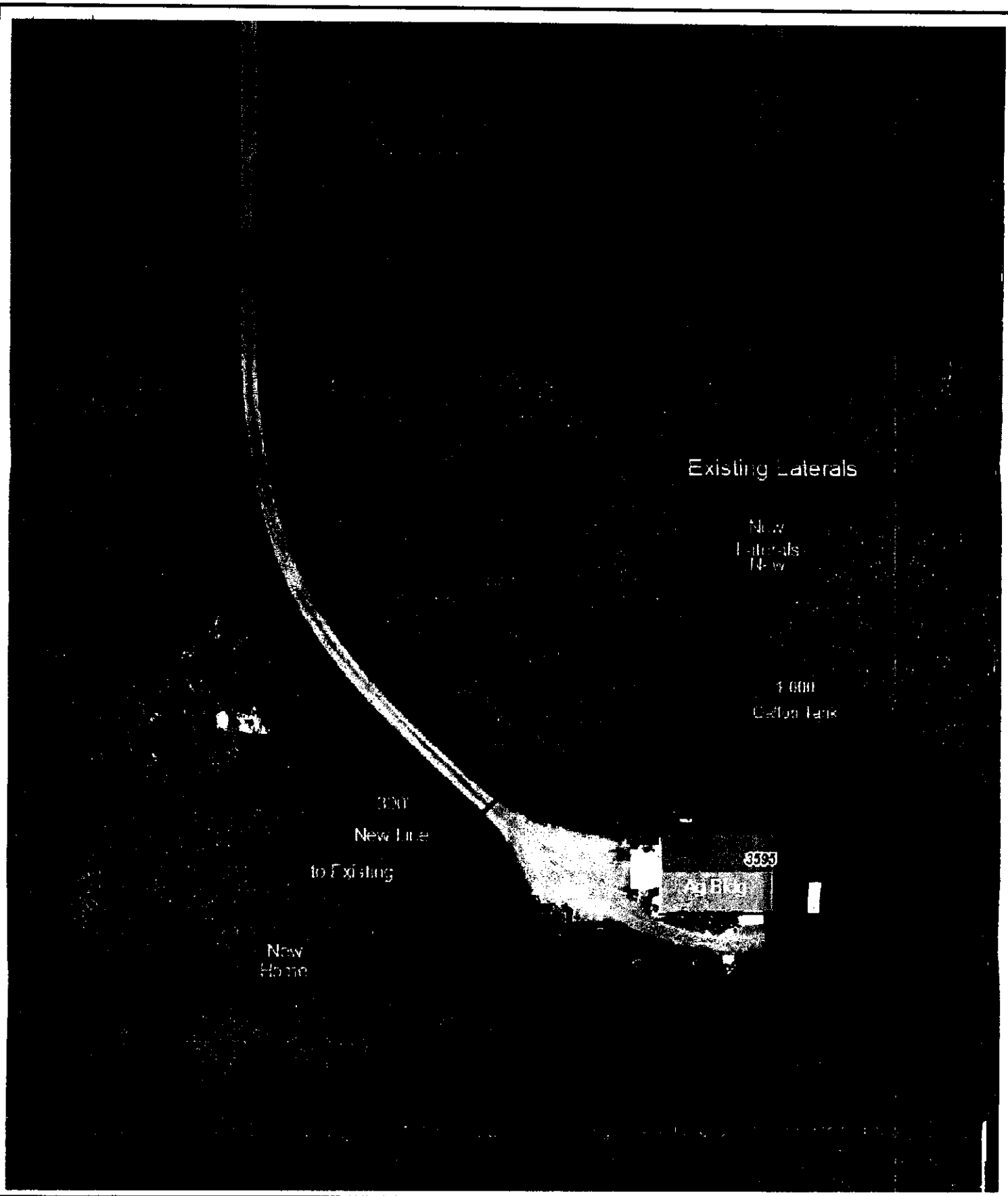
DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date AUGUST 18, 1999

FORM 23-101 10-96



Lancaster County/City of Lincoln GIS Map

N
W E
S

John Duncan 402-419-3427 3601 W Wittstruck Rd, Martell, NE 68404

Printed: Jun 22, 2018

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

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

Exhibit 5

Permit Number: HS001696

Onsite Wastewater Treatment System

Inspection Sheet

Date 10/2/18 Legal Description ¼ ¼ 12 / 8 / 6 Section/Township/Range

Onsite System Location

Address (no rural route) 3601 W. Wittstruck City

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: Originally installed for Ag. Bldg. - Converting + adding lateral for New home

☐ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 704 Exist + 180 New = 884 total Sq. ft. Tank Size 1000 gals

Total length of laterals 176' existing + 40' New = 4.0 x Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) E2 flow

No. of Absorption Laterals 4 Width 4.5 No. of Drop Boxes 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 ☐	500 ☐	50 ☐	NA ☐	10 ☐	5 ☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	25 ☒	5 ☒

Geographical Coordinates to 6 Decimals:

Tank NA

Lateral #1 Lateral #3

Lateral #2 Lateral #4

Comments:

Inspections prior to Final Approval
Initial DS Date 9/4/18

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By

Date 10/2/18

Field Note Drawing (See Reverse Side):

SCANNED JUN 28 2018 HS001696

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Site visits
Date 9/24/18 By DC
Date ___/___/___ By ____

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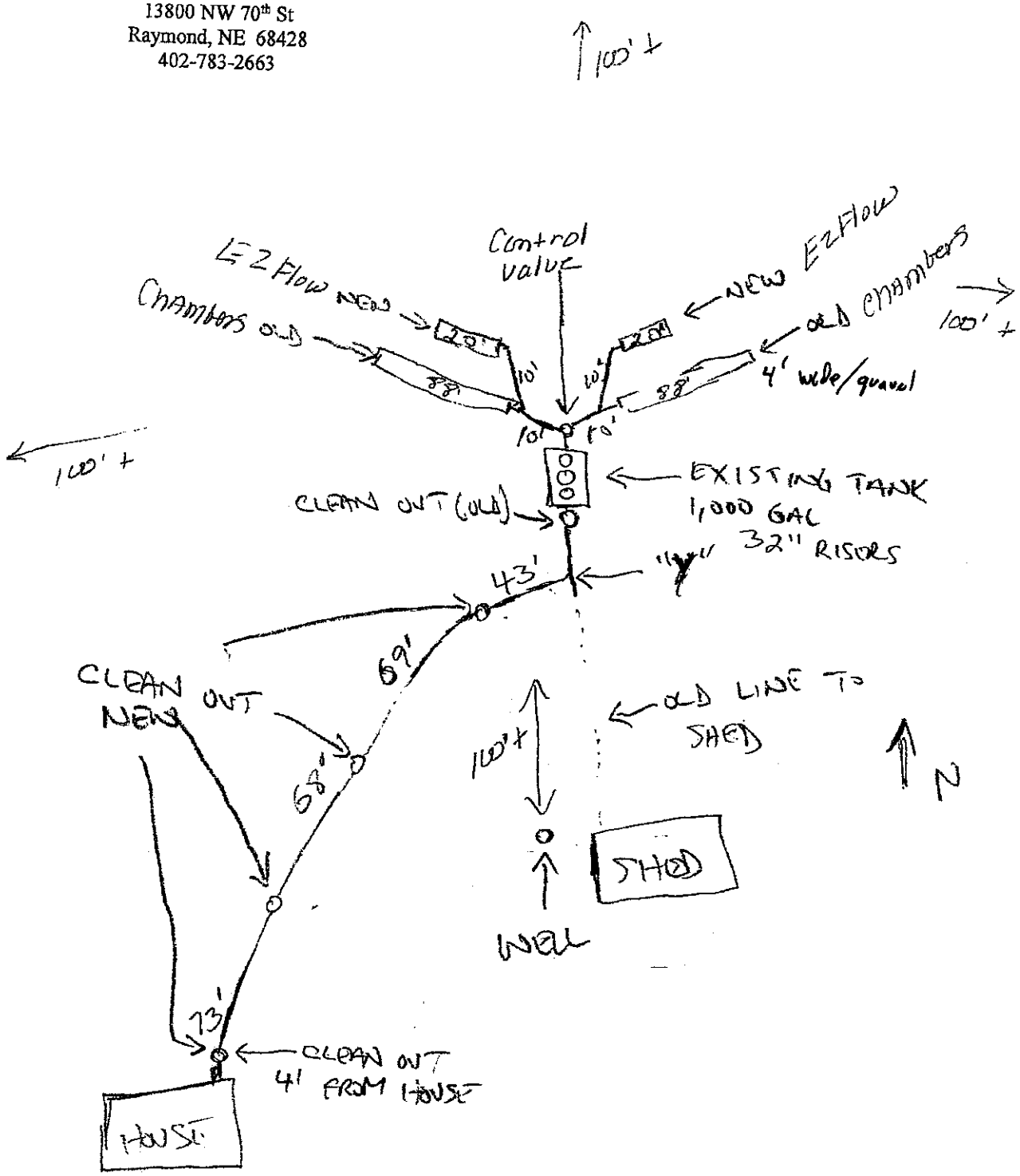
Business Office Use Only

Received: Date: 06/29/18 Amount $220 Check No. 9412 Initials ____

Revised 4/8/13

9/25/2018

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



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:

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 = 08-17-100-006-000

Address or Legal Description or Parcel Identification Number (PID) 3601 W Wittstruck Rd, Martell, NE 68404

Owner: John Duncan Address 4720 S 71st St, Lincoln, NE 68516

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 257 ft.

B. Septic Tank (Existing)

1. Material Concrete
2. Capacity: 1,000
3. Depth to top of tank, below unfinished grade: 32 in.
4. Distance to:
   Well 126 ft.+
   Pressure line N/A ft
   Property Line 220 ft.+
   Foundation 200 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 260+ ft. NE

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☒ (Existing) Chamberless ☒ Other

   Material brand and inside width of Chamberless:
   EZFlow 1203H Bundles (NEW)
2. Number of Laterals: 4
3. Length of each lataral (linear): ft. 88 ft. 88 (Existing, chambers w/gravel)
   ft. 20 ft. 20 (NEW)
4. Drainfield size: 704 Existing + 180 New = 884 Total sq. ft.
5. Distance to:
   Well 100 ft.+
   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

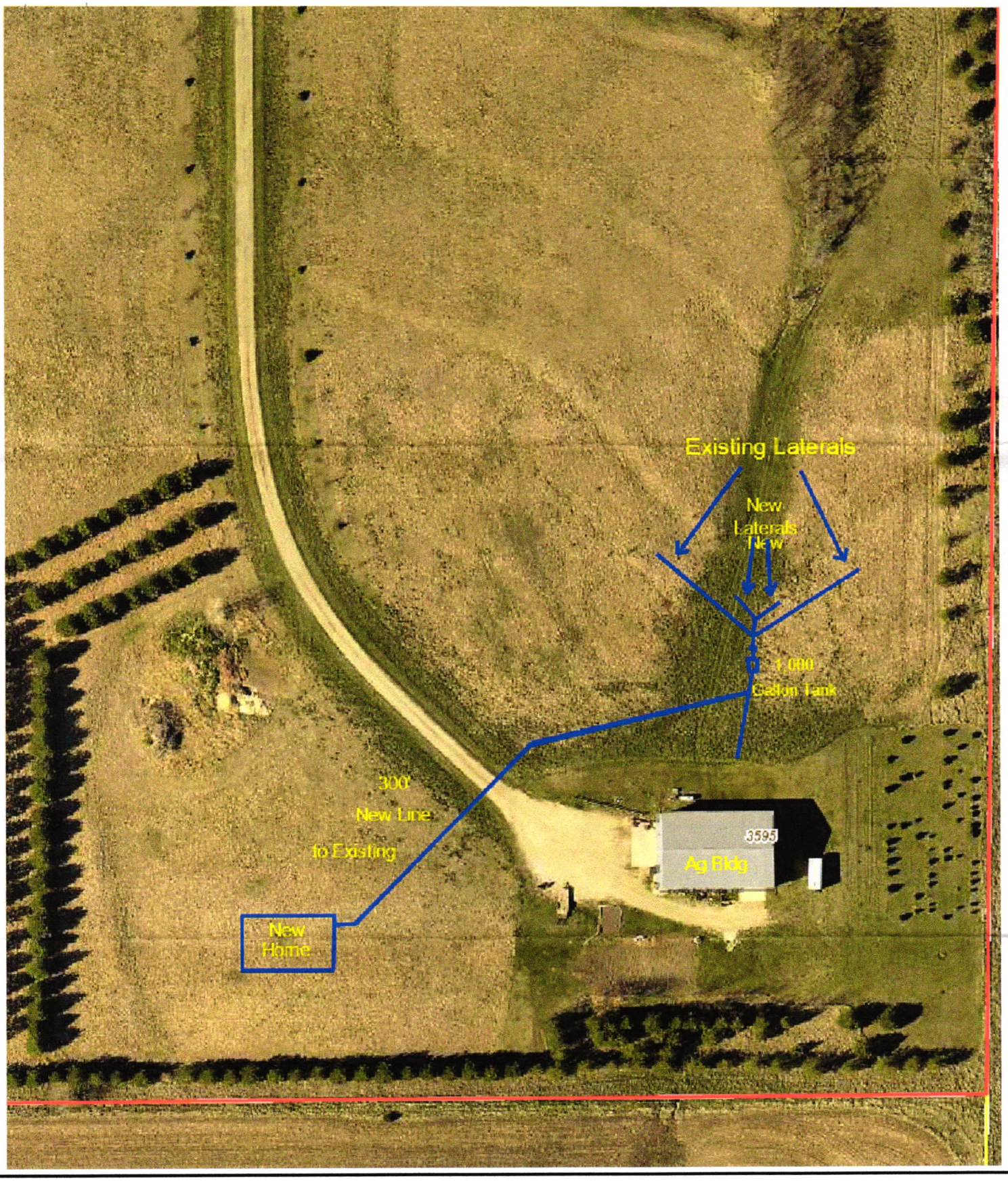
If Yes, the Certified Professional must sign below for final approval: (Partially)

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: 9/25/18

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

SCANNED



Lancaster County/City of Lincoln GIS Map

John Duncan 402-419-3427 3601 W Wittstruck Rd, Martell, NE 68404

N
W E
S

Printed: Jun 22, 2018

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