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

A

Permit Number #S002006

New Construction

Wardcraft Home

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 SW 140th St (no rural route) City Denton, NE Zip 68339

Legal Description NW (1/4) 31 (1/4 Section) 9N (Township) 5E (Range) ____ (Subdivison) ____ (Addition) 12 (Block) ____ (Lot)

PID 03-31-100-012-000

B. Owner

Name Mark D Nispel Signature Mark D Nispel

Address 2434 Scotch Pine Trl City/State/Zip Lincoln, NE 68512

Home Phone 402-540-6999 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 engineer designed system P.E. License Number: ____

Designer Name ____ Firm ____ Work Phone ____

E. This system will serve a

☑ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☐ Yes ☑ No Total Acres 20.24

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 ____ Date rec'd ____ Date frwd ____

ACTION ☐ Approved ☐ Disapproved

Signature ____

Comments ____

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 5-21-20 Amount Paid $430 cc

Received By JAO Cash/Check No. 0287

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

24th Test

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 SW 40th St (no rural route) City Denton NE, Zip 68339

Owner Mark Nispel Address 2434 Scotch Pine Trl, Lincoln, NE 68512

Date of Tests 11/1/16 to 11/2/16 Weather: Precipitation 0 Temperature 55°

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			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	21	11/1	8:30a	11/1	12:30p	11/2	11:30a	6	11/2	12:00p	30	5/8	48
2	20	"	"	"	"	"	"	6	"	"	"	1/2	60
3	36	"	"	"	"	"	"	6	"	"	"	5/8	48
4	24	"	"	"	"	"	"	6	"	"	"	7/8	34
								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: 190
Average of Rates: 48
Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Burchard Clay Loam (gravelly)
Groundwater Depth >8'

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

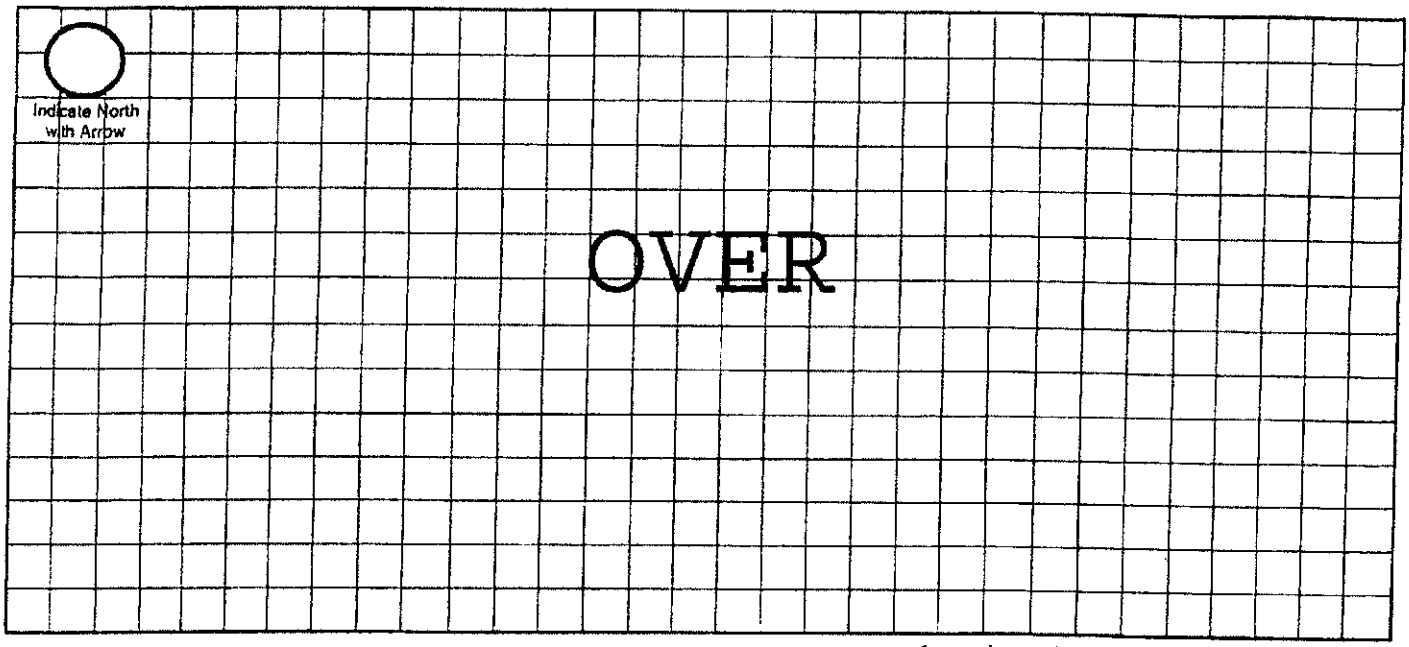
C

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) SW 140th St City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Septic Tank Cap. 1500 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 60 (min/inch = mpi) No. of Bedrooms 4 Soil Type Gravelly CL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,440 sq.ft.

Total length of laterals 320 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

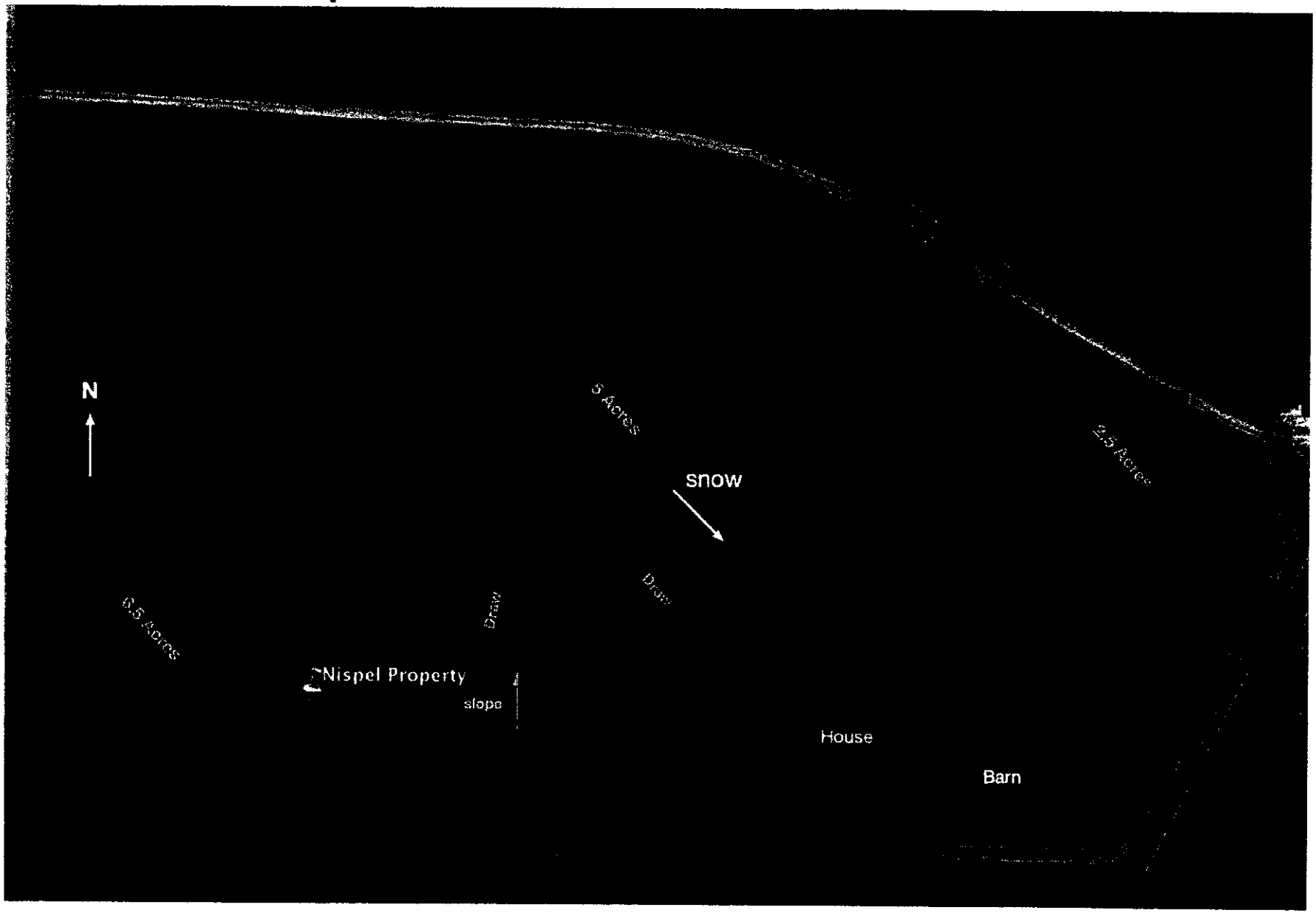
Home Building Contractor _____ Date May 21, 2020

Installer _____ Date 5/20/20

Onsite Form C 12-06

Mark Nispel 402-540-6999

03-31-100-012-000 SW 140th St, Denton, NE 68339



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. HS002006

System Type: Standard

Situs: No Site Address Specified

Issued: 5/28/2020

Expires: 5/28/2021

Description: S31, T9, R5, 6th Principal Meridian, LOT 12 NW

Owner: NISPEL, MARK D & SARA M
2434 SCOTCH PINES TRL
LINCOLN, NE 68512

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

Janet O'Neal it S002006

From: Nate C. Hartman
Sent: Thursday, May 28, 2020 8:55 AM
To: Janet O'Neal
Subject: FW: Buildable lot

Please print a copy for the paper file and scan into the corresponding case in Accella.

Thanks!

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

From: Todd A. Stutzman
Sent: Wednesday, May 27, 2020 11:40 AM
To: Nate C. Hartman <nhartman@lincoln.ne.gov>
Subject: Buildable lot

Nate,

The lot locate in S31 T5 R5 Lot 12 NW is buildable.

Todd Stutzman
Plan Examiner II
402-441-7097
555 S 10th Street, Room 203
Lincoln, NE 68508

Janet O'Neal

From: Nate C. Hartman
Sent: Thursday, May 28, 2020 8:55 AM
To: Janet O'Neal
Subject: FW: sewage disposal system for PID #03 31 100 012 000
Attachments: Part of Sec. 31-9-5.pdf

Please print a copy for the paper file and scan into the corresponding case in Accella.

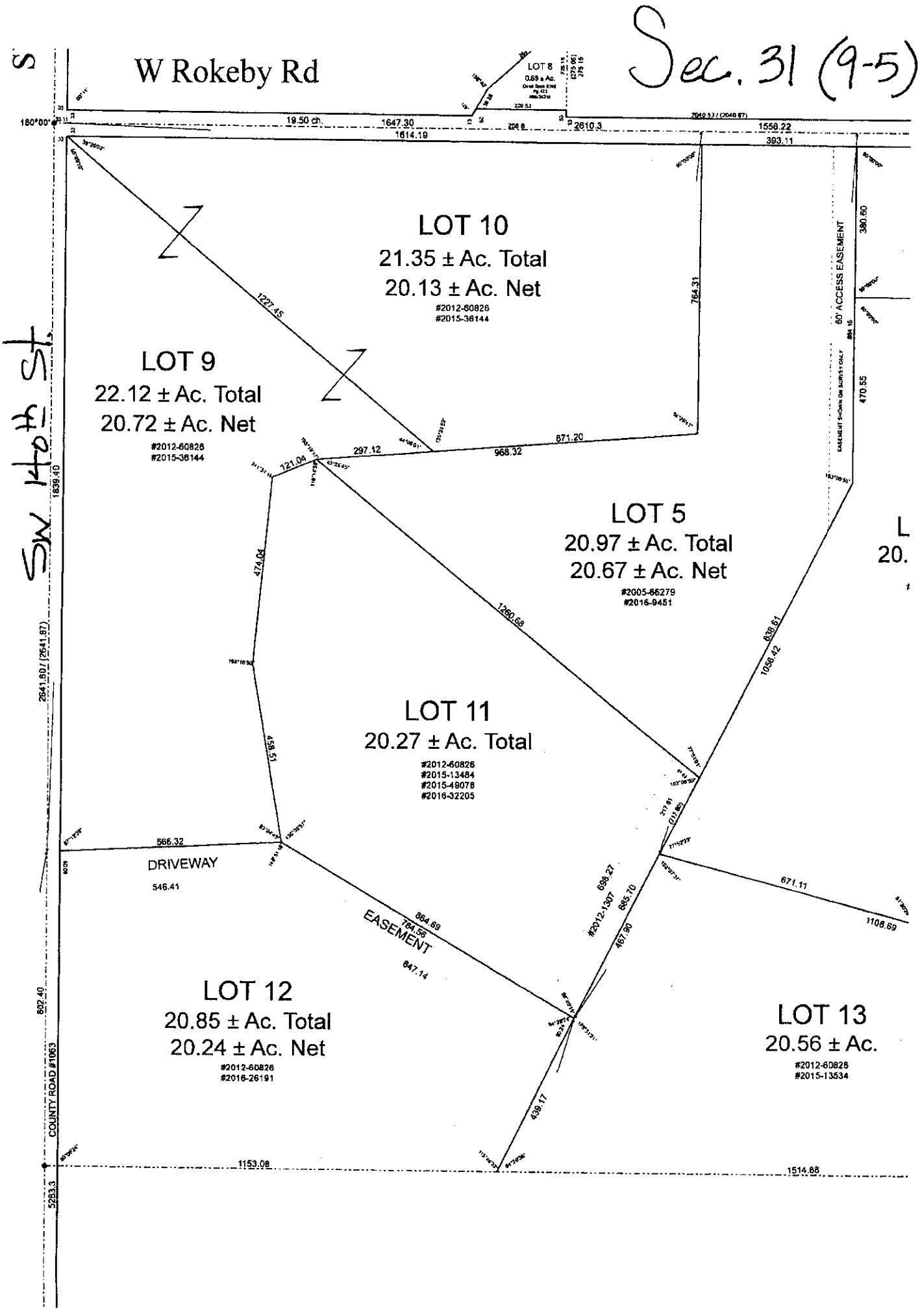
Thanks!

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

From: Ken D. Schroeder
Sent: Wednesday, May 27, 2020 11:09 AM
To: Nate C. Hartman <nhartman@lincoln.ne.gov>
Cc: Pamela L. Dingman <PDingman@lancaster.ne.gov>
Subject: sewage disposal system for PID #03 31 100 012 000

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for Lot 12 irregular tracts located in the NW ¼ of Section 31, T9N, R5E of the 6th P.M., Lancaster County, Nebraska. *(see attached, Part of Sec.31-9-5.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


Sec. 31 (9-5)
W Rokeby Rd
LOT 8
0.69 ± Ac.
19.50 ch.
1647.30
1614.19
2610.3
1558.22
393.11
LOT 10
21.35 ± Ac. Total
20.13 ± Ac. Net
#2012-60826
#2015-36144
1227.45
764.31
80' ACCESS EASEMENT
380.60
470.55
LOT 9
22.12 ± Ac. Total
20.72 ± Ac. Net
#2012-60826
#2015-36144
121.04
297.12
968.32
671.20
LOT 5
20.97 ± Ac. Total
20.67 ± Ac. Net
#2005-86279
#2016-9451
474.04
1260.68
638.61
1056.42
LOT 11
20.27 ± Ac. Total
#2012-60826
#2015-13484
#2015-49078
#2016-32205
458.51
566.32
DRIVEWAY
546.41
698.27
#2012-1307
685.70
467.90
671.11
1108.89
864.69
784.56
EASEMENT
847.14
LOT 12
20.85 ± Ac. Total
20.24 ± Ac. Net
#2012-60826
#2016-26191
LOT 13
20.56 ± Ac.
#2012-60826
#2015-13534
438.17
1153.08
1514.88
5283.3
2641.80 / (2641.87)
1839.40
802.40
COUNTY ROAD #1063
SW 44th St

SCANNED

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

A

Permit Number #5002006

New Construction

Wardcraft Home

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 10536 SW 140th St (no rural route) City Denton NE Zip 68339

Legal Description NW 31 9N 5E 12
(1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot)

PID 03-31-100-012-000

B. Owner

Name Mark D Nispel Signature Mark D Nispel

Address 2434 Scotch Pine Trl City/State/Zip Lincoln, NE 68512

Home Phone 402-540-6999 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 4 Whirlpool Bathtub? ☐ Yes ☑ No Total Acres 20.24
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 10/5/20 Date rec'd 6/1/20 Date frwd 6/1/20
ACTION ☑ Approved ☐ Disapproved Signature
Comments

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 Daryl Reed
Date 10/26/20

Business Office Use Only
Date Received 5-21-20 Amount Paid $430 cc
Received By JAC Cash/Check No. 0267

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

DEPARTMENT
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Exhibit 5

Permit Number: HS002006

Onsite Wastewater Treatment System

Inspection Sheet

Date 10/26/20 Legal Description ¼ ¼ 31/9/5 Lot 12
Section/Township/Range

Onsite System Location

Address (no rural route) 10536 SW 140th 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:

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

Total square feet of drainfield 1,440 Sq. Ft. Tank Size 1500 gals

Total length of laterals 320' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) EZ flow

No. of Absorption Laterals 4 Width 4.5 Feet No. of Drop Boxes Distribution Box 1

Leveling Method Used

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:

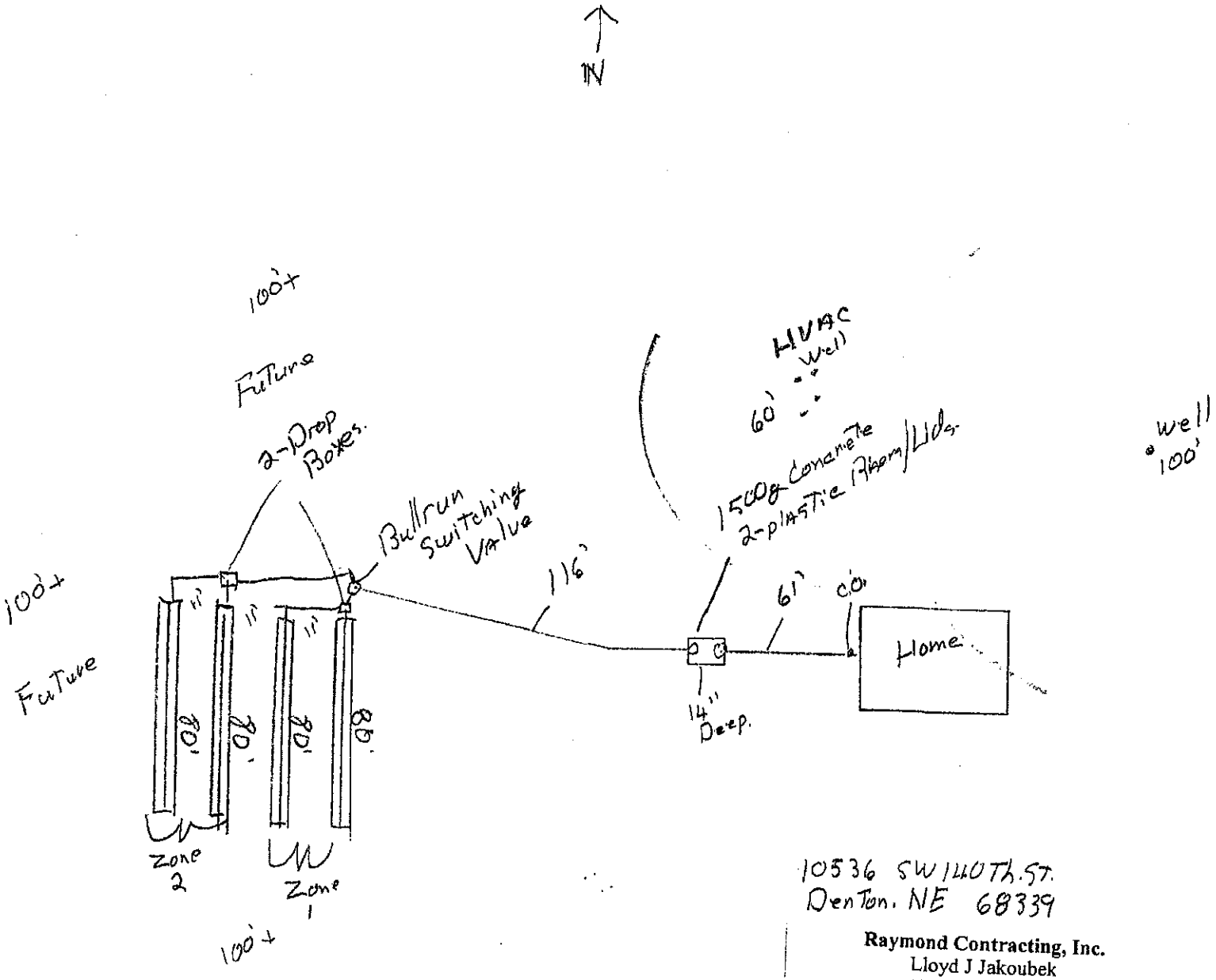
Inspections prior to Final Approval
Initial DL Date 10/5/20

Follow-Up Date

Follow-Up Date

Installation Final Written Approval
By Doug Ruck
Date 10/26/20

Id Note Drawing (See Reverse Side):



10536 SW 140Th. ST.
Denton. NE 68339

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

10/8/20

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: HS002006

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 = 03-31-100-012-000

Address or Legal Description or Parcel Identification Number (PID) 10536 SW 140th St, Denton, NE 68339

Owner: Mark D Nispel Address 2434 Scotch Pines Trl, Lincoln, NE 68512

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 61 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 1500 gallon
3. Depth to top of tank, below unfinished grade: 14 in.
4. Distance to:
   Well 100 ft.+
   Pressure line N/A ft
   Property Line 100 ft.+
   Foundation 60 ft.+

C Distribution Box or Drop Box

Distance and Direction from septic tank: 116 ft. W
(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 lataral (linear): ft. 80 ft. 80 ft. 80 ft. 80
4. Drainfield size: 1440 sq. ft.
5. Distance to:
   Well 100 ft.+
   Pressure line N/A ft.
   Property line 50 ft.+
   Depth of Groundwater >6'

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: 10/8/20

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

Updated 4/15

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

SCANNED

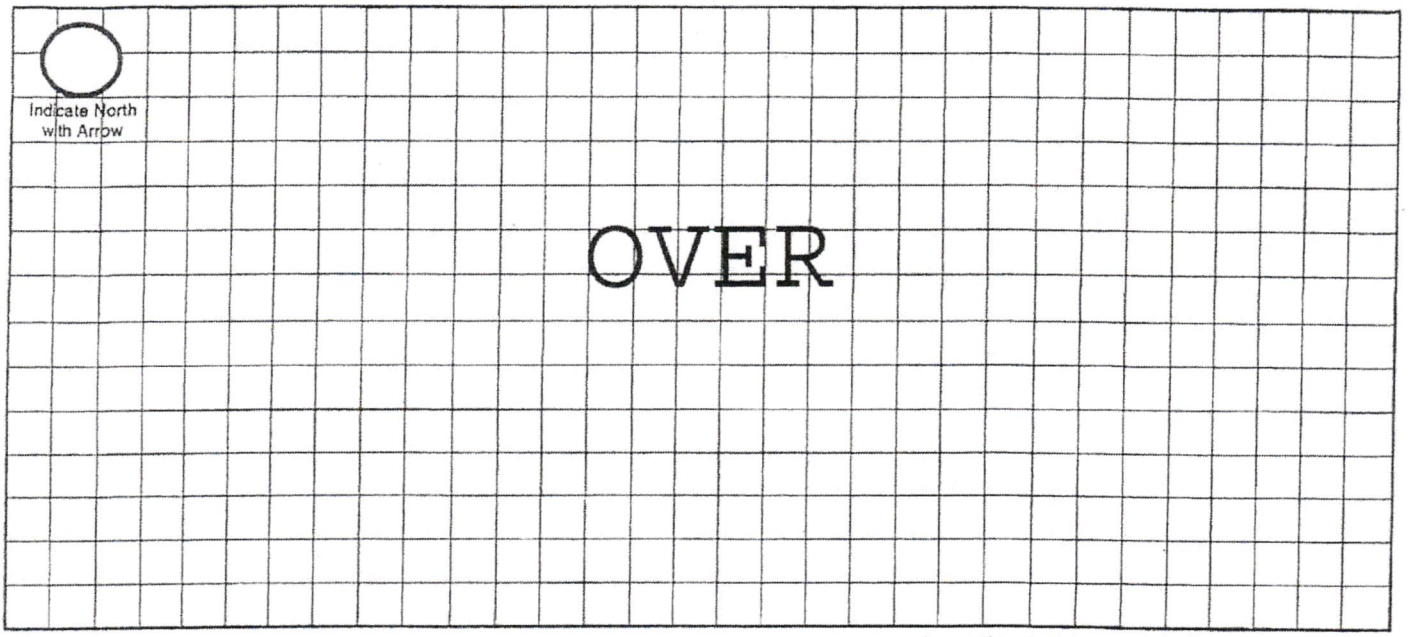
C

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) SW 140th St City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Septic Tank Cap. 1500 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 60 (min/inch = mpi) No. of Bedrooms 4 Soil Type Gravelly CL Land Slope_____%

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,440 sq.ft.

Total length of laterals 320 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

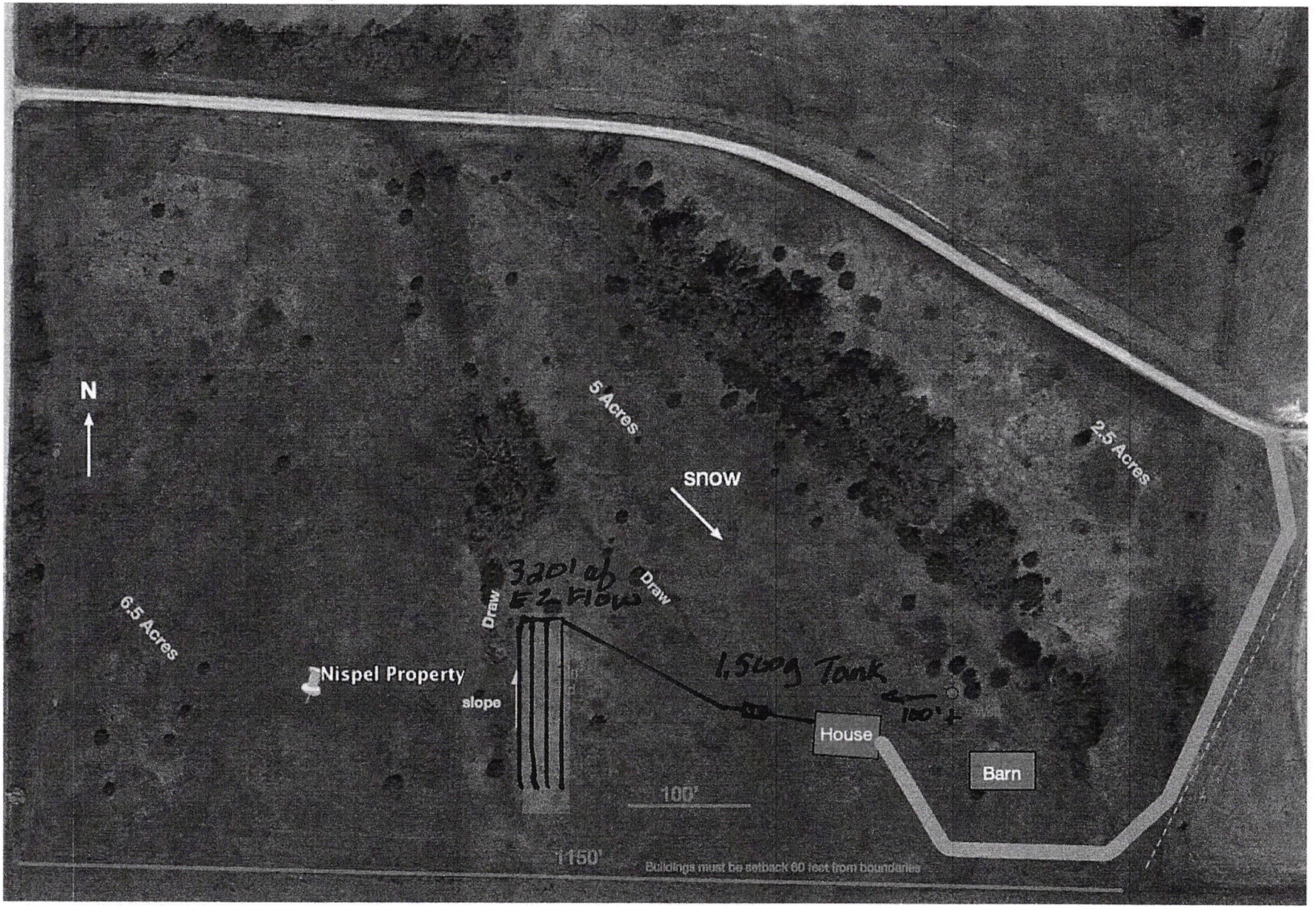
Home Building Contractor [signature] Date May 21, 2020

Installer [signature] Date 5/20/20

Onsite Form C 12-06

Mark Nispel 402-540-6999

03-31-100-012-000 SW 140th St, Denton, NE 68339



SCANNED