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

A

Permit Number HS001248

New Construction

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 17620 Prairie Vista Dr (no rural route) City Roca, NE Zip 68430

Legal Description NE (1/4) 25 (1/4 Section) 8N (Township) 6E (Range) Meadowlark Hills (Subdivison) 1 (Addition) 4 (Block) (Lot)

PID 08-25-201-004-000

B. Owner

Name Mitchell Ebke Signature [signature]

Address 2305 Lothrop Lake Cir City/State/Zip Crete, NE 68333

Home Phone 402.499.4282 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 402-690-6009 or 402-783-2683

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 6 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.02
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 fwd
Comments
ACTION ☐ Approved ☐ Disapproved
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 5-5-16 Amount Paid $385
Received By SB Cash/Check No. 2154

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

Form A Updated: 7/13

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

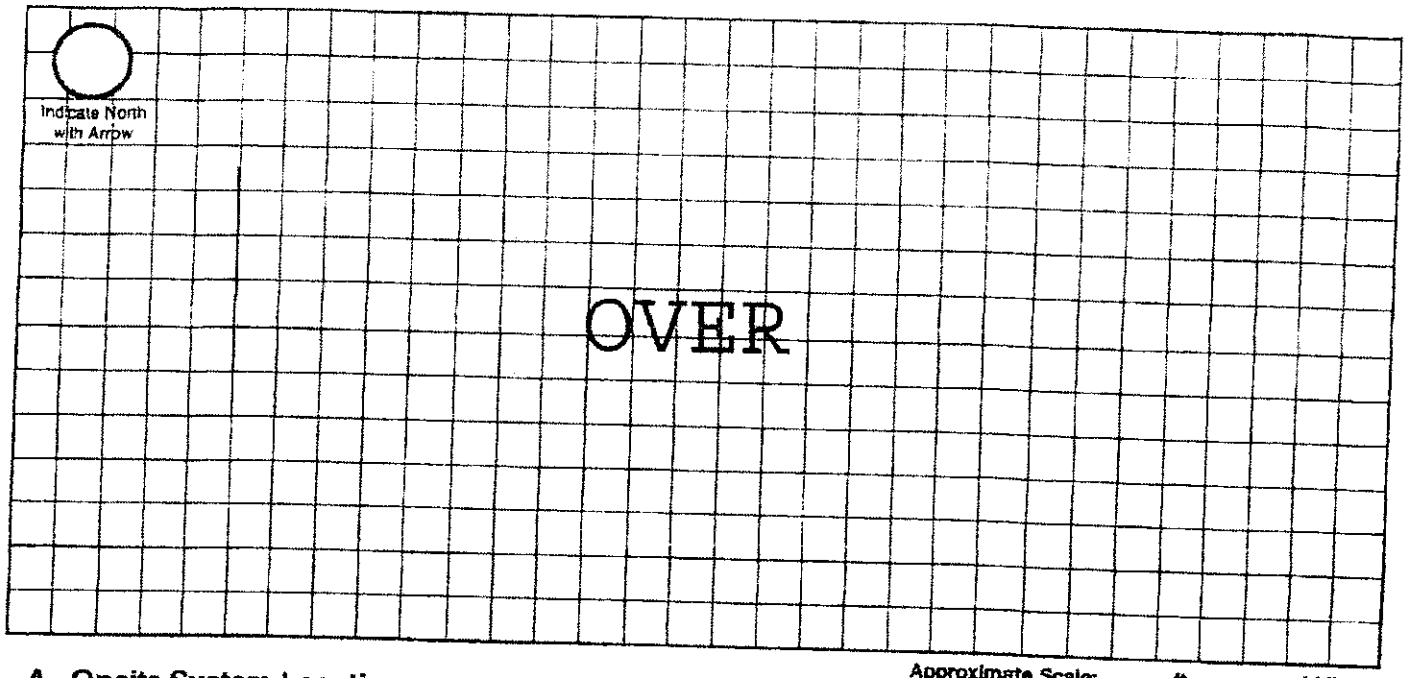
C

Permit Number: HS001248

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) 17620 Prairie Vista Dr City Roca NE, Zip 68430

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 6 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 tranches_____ Width_____ No. of drop boxes_____ Distrubtion Box_____

No. of absorption beds_____ Width_____ No of Distribution lines per bed_____

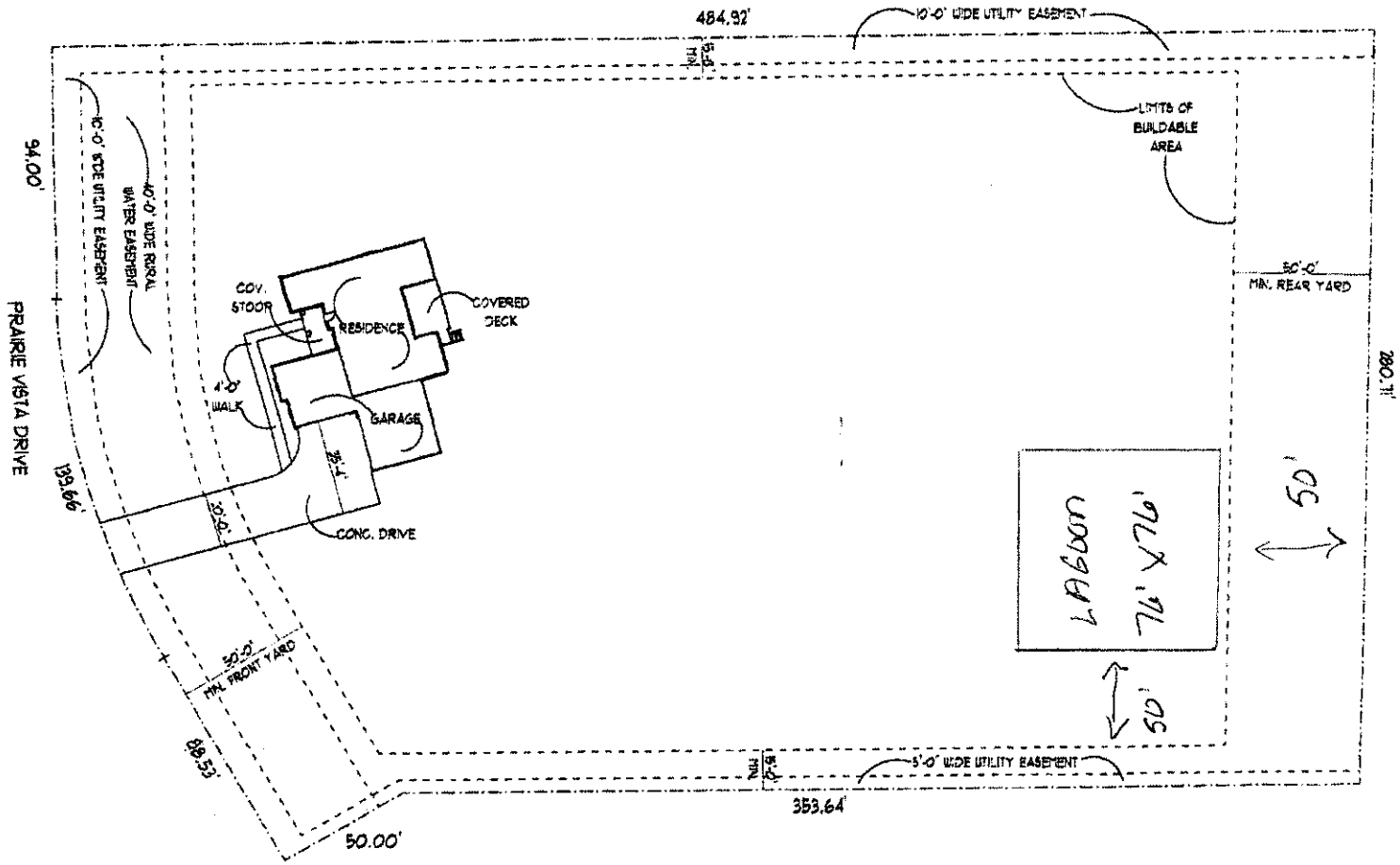
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 5/5/2016

Installer _____ Date _____



NOTE:
BUILDING MAY BE LOCATED ANYWHERE WITHIN BUILDABLE AREA OF LOT.

LEGAL:
MEADOWLARK HILLS ADDITION
BLOCK 1
LOT 4

PLOT PLAN SCALE:
1" = 40'-0"

new VENTURES
RESIDENTIAL DESIGN
The Trade Center
6031 South 58th Street Suite C
Lincoln, NE 68516
Phone: (402) 420-0088
Fax: (402) 420-0089
www.newventures.com

NV08516
TRU-BUILT CONSTRUCTION
ESKE RESIDENCE

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001248

System Type: Lagoon

Situs: No Site Address Specified

Issued: 5/6/2016

Expires: 5/6/2017

Description: MEADOWLARK HILLS ADDITION, BLOCK 1, Lot 4

Owner: EBKE, MITCHELL E
2305 LOTHROP LAKE CIR
CRETE, NE 68333

Judith A Halstead
Judith A. Halstead, MS, 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.

Judith A Halstead
Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING
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

Exhibit 5

6K 10/13/16

Permit Number: HS001248

Onsite Wastewater Treatment System

Inspection Sheet Meadowlark Hills

Date 9/30/16 Legal Description 25 / 8 / 6 Lot 4
¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 17620 Prairie Vista Dr. 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 1377 Sq. Ft. Tank Size 2,000 gals Aug a 2nd 2,000 gal/two compartment Pump tank

Total length of laterals 380 Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) _____

No. of Absorption Laterals 4 Width 3.625 Yacten No. of Drop Boxes 1 Distribution Box _____

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 _____

Lateral #1 _____ Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Inspections prior to Final Approval
Initial D.S Date 9/29/16

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Doug Shaw
Date 9/30/16

Comments:

Field Note Drawing (See Reverse Side):

Nate C. Hartman

From: James L. Plouzek
Sent: Thursday, May 05, 2016 1:25 PM
To: Nate C. Hartman
Subject: Lot 4, Block 1, Meadow Lark Hills Addition

Nate – We have reviewed the subject lot for flood plain encroachments, and having found none, this lot is approved for sewer improvements.

Jim Plouzek
Road Construction Engineer
Lancaster County Engineering Dept.
444 Cherrycreek Road Bldg. C
Lincoln, NE 68528
402-441-7681
email: jplouzek@lancaster.ne.gov

Nate C. Hartman

From: Todd A. Stutzman
Sent: Thursday, May 05, 2016 1:30 PM
To: Nate C. Hartman
Subject: Lot approval

Nate,

17620 Prairie Vista Dr. located in Meadowlark Hills Addition Lot 4 Block 1 is a buildable lot.

The lot located in The Preserve at Cross Creek Lot 1 Block 2 is a buildable.

Todd Stutzman
Plan Examiner II
402-441-7097
555 S 10th Street, Room 203
Lincoln, NE 69508

Soil Absortion Test Data Sheet

Owner Information:

Owner: Mitch Ebke Phone: 402-797-2291

Address: 2305 Lothrop Lake Cir, Crete, NE 68333

Location: 17620 Prairie Vista Dr, Roca, NE
Meadowlark Hills Addition, Block 1, Lot#4
Latitude Longitude

Township _____ Range _____ Sec. _____ 1/4 sec. _____

County: Lancaster Area: 3.00 Acres

Soil type: Sand/Loamy Sand _____ Loam _____

Sand _____ Silt _____ Clay _____ Sandy Si Loam _____

Silty Clay Loam X Silt Loam _____ Sandy Loam _____

Presaturation period:

Start		Finish	
Date	Time	Date	Time
07/11/16	10:00 AM	07/11/16	2:00 PM

Test Day Weather
Weather Sunny Temp. 82

Percolation test data:

Hole No.	Hole Depth (in.)	Final Percolation Readings: Start Date Mo./Day	Start Time (Hr./Min.)	Start Water Level (in.)	End (Hr./Min.)	End Water Level (in.)	Final Results: Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rate (Min./Inch)
1	42	07/12/16	1:34 PM	7.40	2:04 PM	6.20	30	1.20	25.0
2	42	07/12/16	1:35 PM	7.65	2:05 PM	6.70	30	0.95	31.6
3	42	07/12/16	1:36 PM	7.90	2:06 PM	7.25	30	0.65	46.2
4	42	07/12/16	1:37 PM	8.1	2:07 PM	7.35	30	0.75	40.0
5	42	07/12/16	1:38 PM	7.75	2:08 PM	6.85	30	0.90	33.3
6	42	07/12/16	1:39 PM	7.95	2:09 PM	7.25	30	0.70	42.9

Jeffery N. Schoeneck

Jeffery N. Schoeneck, P.E.
26720 Elkhorn Oaks Cir
Arlington, NE 68002
(402) 720-9209
Phone

Sum of Percolation rates = 218.9

Number of test holes = 6.0

Average of rates in Minutes/inch = 36.5

*If rates vary more than 20 minutes/inch, do not average but use the slowest rate for design purposes.

Soil Boring

0-11 DGB SCL
11-26 Br Firm CL
26-35 Lt Br Firm SCL
35-90 Br Friables SL
90-93 Lt Br SCL w/ Sandstone Frags
93-120 Lt Br Firm Sandy Loam
* No Evidence of Water Table within 10ft of Surface

Install Laterals ≈ 42" Deep
(Bottom of)