MAY 19 2016

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 ... in NE 68522
Phone ...

A

Permit Number HS001262

New Construction

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form 5 and 6
Submit correct site
with this application

Address or more ...

X Septic System ... designed herein ... ster Treatment System ... complies with applicable regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 1640 N 129th St ... Lincoln ... NE 68527

Legal Description SE 17 10 8E Stevens Creek Ridge 1st ...
Section Township Range Subdivision Addition Block

PID 23-17-402-002-000

B. Owner

Name Jonathan Duval ... Jon Duval

Address 1201 Cottonwood Dr ... Lincoln, NE 68510

Home Phone 402 217 3102 ...

C. Certified Installer

Name Lloyd Jakoubek, Raymond Contracting Inc ... Lloyd J Jakoubek

Address 13800 N 70th St ... Raymond, NE 68428

Work Phone 402-880-5009 or 402-783-2663

D. Engineer

... ck and complete if ... design ... Certification Number ...

Designer Name ... Date Phone ...

E. This system ...

X Residential D ... # of Bedrooms 5 ... X ... Estimated 1,250

... Commercial E ... Facility Type ... Estimated ...

Type of Waste ... esic ... Holding Tank

DO NOT WRITE BELOW THIS LINE

Approval Process ... ipal Code 24.38 ... County Resolution No. 81-156

1. Health Department
Site visits ...
Comments ...

Date rec'd ...
Date fwd ...

ACTION ... Approved ... Disapproved
Signature ...

2. Supt. Bldg. Insp ...
Comments ...

Date rec'd ...
Date fwd ...

ACTION ...

3. City or County Eng ...
Comments ...

Date rec'd ...
Date fwd ...

ACTION ...

Installation Final ...
Date ...

Permit Fee Due Only ...
Check No. ... 5-19-16 ... Amount ... 385.00
Received By SB ... Date Paid ... 8902

B

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

Permit Number HS001262

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 1640 N 129th St (no rural route) City Lincoln NE, Zip 68527

Owner Jonathan Duval Address 1201 Cottonwood Dr, Lincoln, NE 68510

Date of Tests 5/6/16 to 5/7/16 Weather: Precipitation 0 Temperature 65°

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		Initial Water Lev (in.)	End		Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)		Date (Mo/Da)	Time (Hr/Min)			
1	32	5/6	8:00a	5/6	12:00p	5/7	12:00p	6	5/7	12:30p	30	1/2	60
2	32	"	"	"	"	"	"	6	"	"	"	1/2	60
3	24	"	"	"	"	"	"	6	"	"	"	5/8	48
4	42	"	"	"	"	"	"	6	"	"	"	9/16	53
								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

Soil type (NRCS Maps/Other) Wymore Silty Clay Loam

Groundwater Depth 8"

Sum of Percolation Rates: 221
Average of Rates: 55
Rate Used for Calculation: 55

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

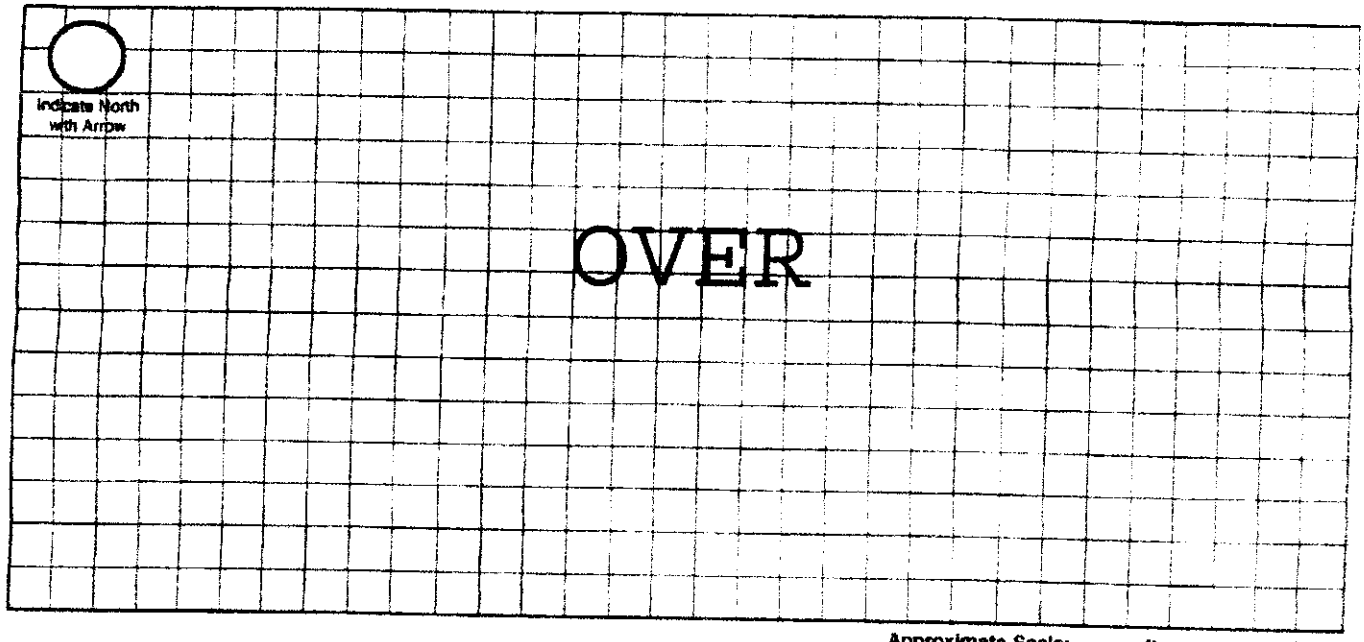
C

Permit Number: HS001262

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) 1640 N 129th St City Lincoln NE, Zip 68527

B. Proposed Septic Tank/s

Septic Tank Cap. 2,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (Max. seepage 1.6" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 55 (min/inch = mpi) No. of Bedrooms 5 Soil Type Wymore Silty Clay Loam Land Slope 3-6 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,776 sq.ft.

Total length of laterals 490 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

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

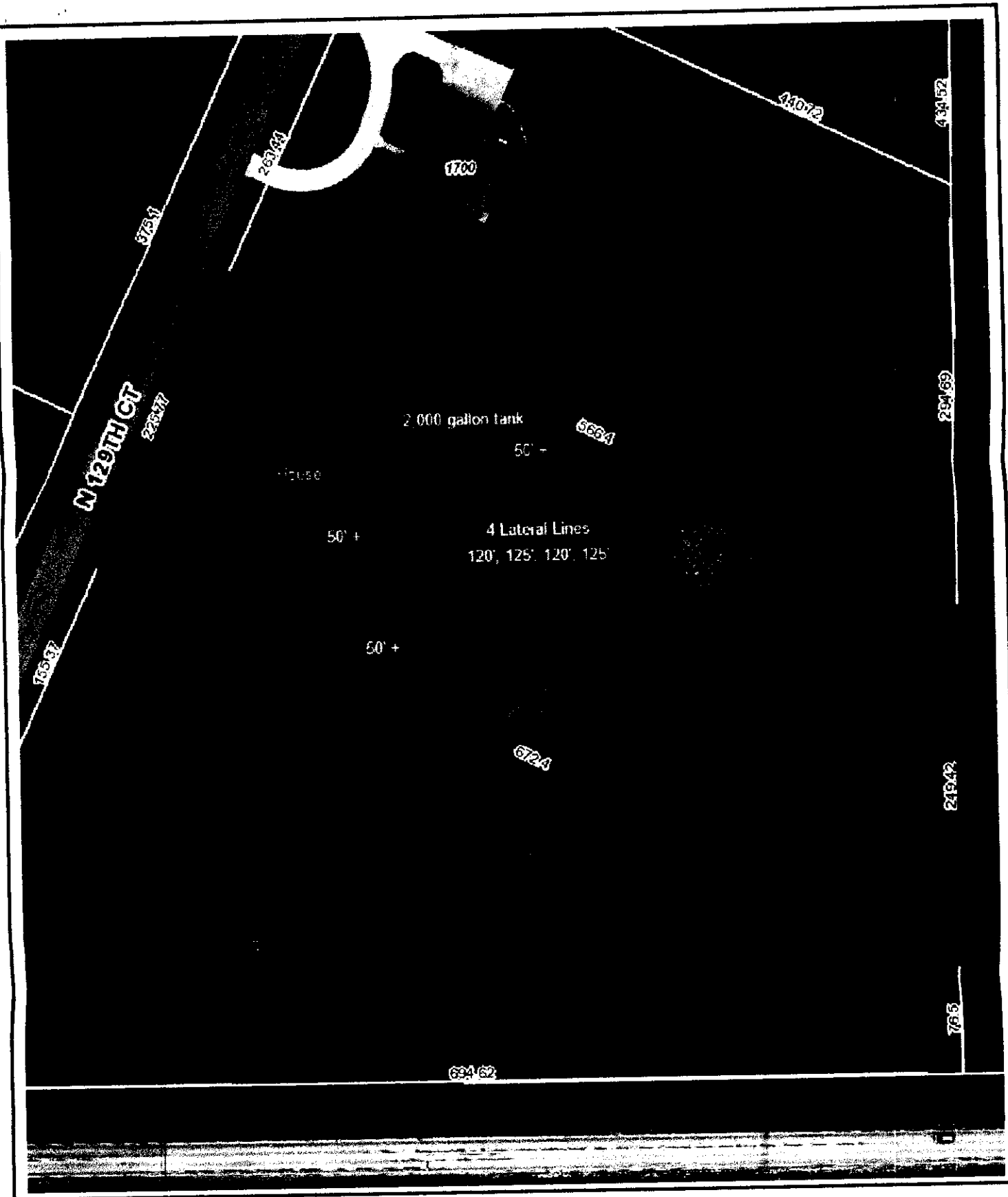
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

F. Required Signatures

Home Building Contractor _____ Date 5-13-16

Installer _____ Date 5/16/16

Onsite Form C 12-08



Lancaster County/City of Lincoln GIS Map

Jonathan Duval 1640 N 129th St, Lincoln, NE 68527

Home Building Contractor Initials _____

Printed: May 12, 2016

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 (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001262

System Type: Standard

Situs: 1640 N 129 ST, RURAL, NE

Issued: 5/23/2016

Expires: 5/23/2017

Description: STEVENS CREEK RIDGE FIRST ADDITION, BLOCK 1, Lot 2

Owner: DUVAL, JONATHAN M & MICAELA C
1201 COTTONWOOD DR
LINCOLN, NE 68510

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

OK 5/15/17 JV

Exhibit 5

Permit Number: H 5001262

Onsite Wastewater Treatment System

Inspection Sheet

Date 5/4/17

Legal Description Stevens Creek Addn Blk 6 Lot 2
¼ ¼ Section/Township/Range 17/10/8

Onsite System Location

Address (no rural route) 1640 N 129th 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 1800 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 400' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☒ Other (describe) Bundled Polystyrene

No. of Absorption Laterals 4 Width 3' 1.5 factor 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 AS Date 5/8/17

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Doug Rowe

Date 5/4/17

Field Note Drawing (See Reverse Side):

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: HS001262

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

Address or Legal Description or Parcel Identification Number (PID) 1660 N 129th St

Owner: Jonathan Duval Address

A. Wastewater Piping

1. Material: 4" S-40 / S-40 Diameter: 4 / 1½" in.
2. Distance between dwelling and septic tank: ____ ft.

B. Septic Tank

1. Material Conc
2. Capacity: 2000 Gal
3. Depth to top of tank, below unfinished grade: ____ in.
4. Distance to:
   Well N/A ft.
   Pressure line >25 ft
   Property Line 35 ft.
   Foundation 20 ft.

C Distribution Box or Drop Box

Distance and Direction from septic tank: ____ ft. ____

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☒ Other
   Material brand and inside width of Chamberless
   (3) - 12" Diam Bundled Polystyrene
2. Number of Laterals: 4
3. Length of each lataral (linear): ft. 100 ft. 100 ft. 100 ft. 100
4. Drainfield size: 1800 sq. ft.
5. Distance to:
   Well N/A ft.
   Pressure line >100 ft.
   Property line 10 ft.
   Depth of Groundwater 4Ft

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No Partial

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: Jeffery N Schoenrock Date: 5/8/2017

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

Updated 4/15

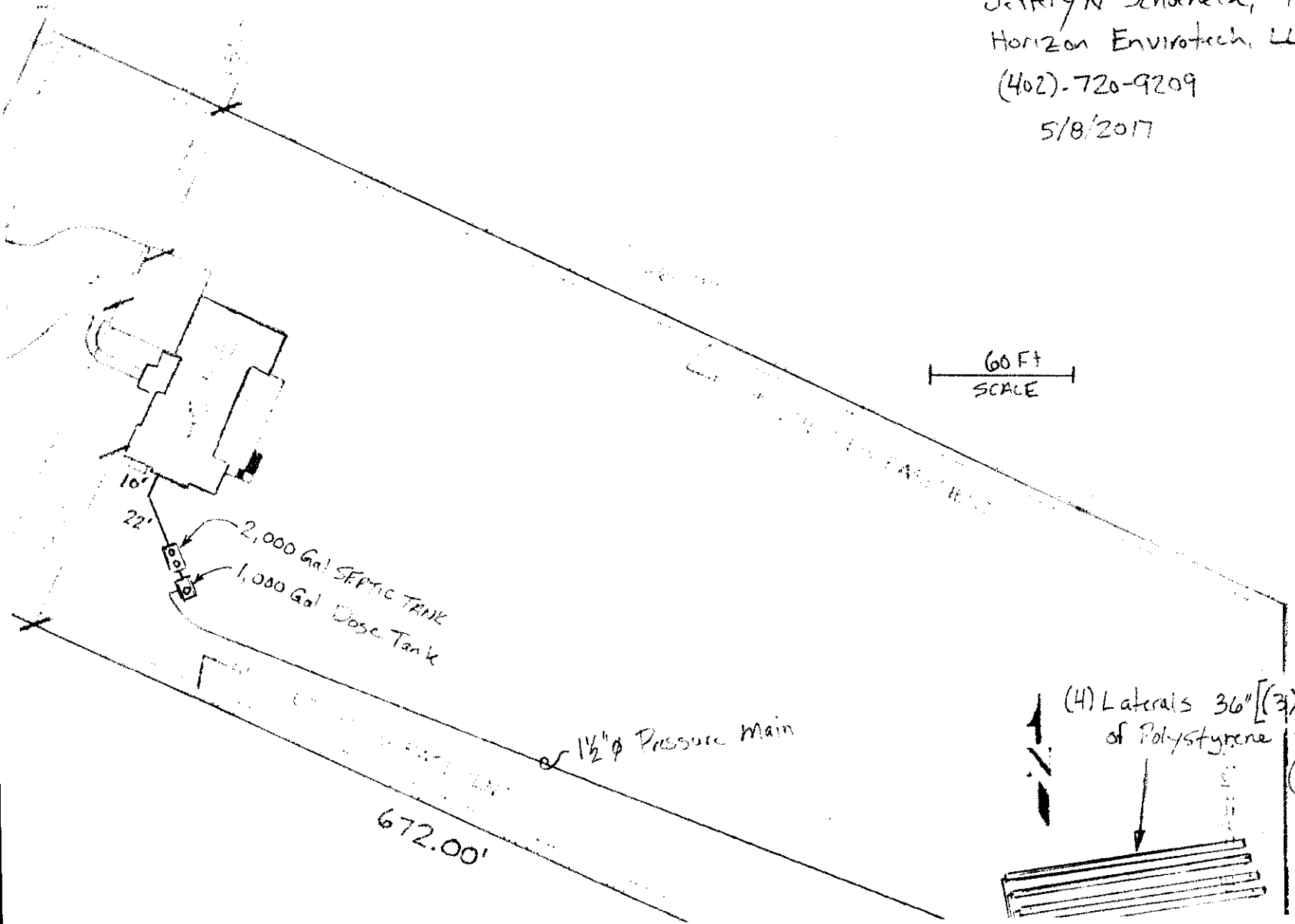
SEPTIC System Plan

1660 N 129th St.
Lincoln, NE

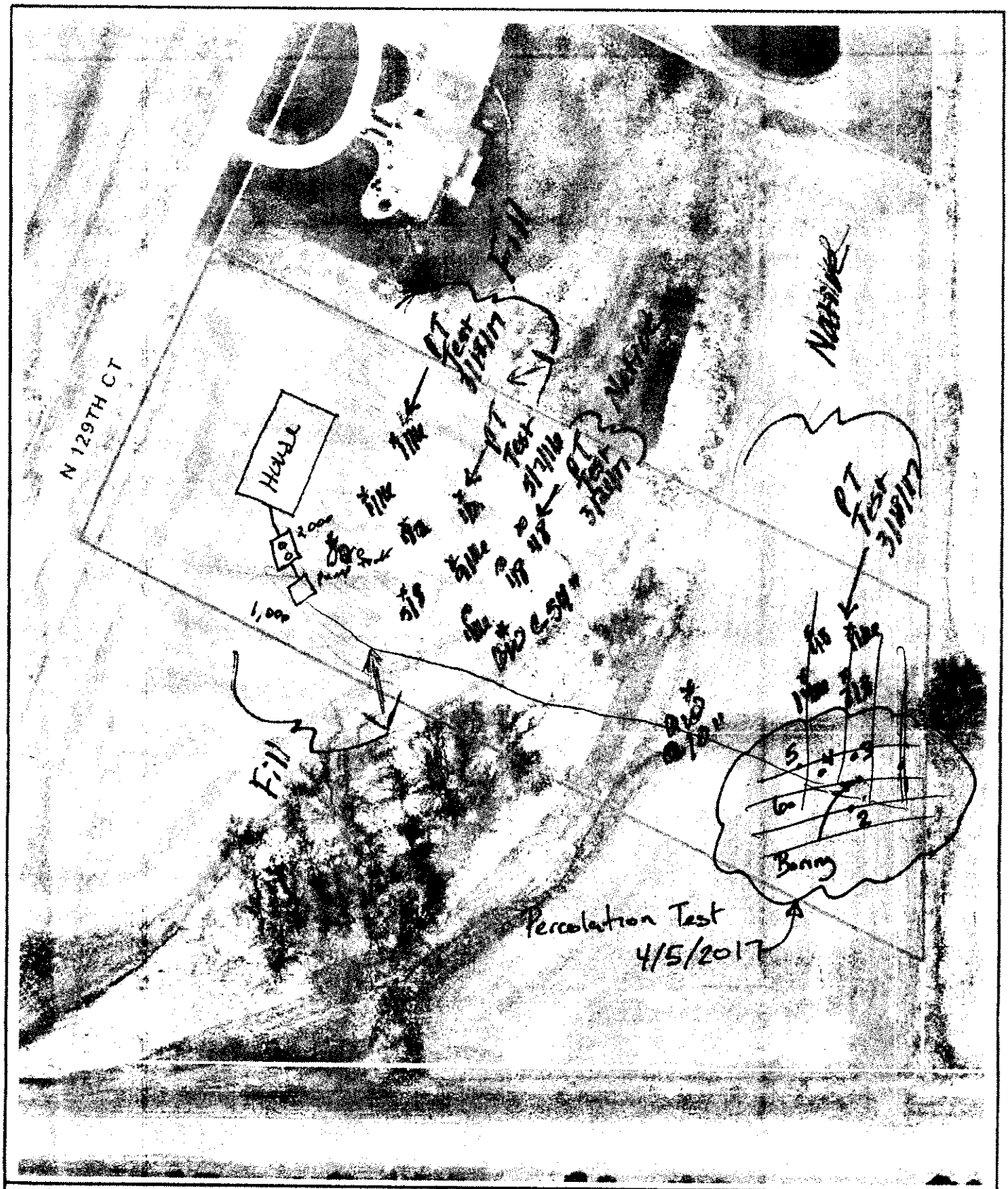
Prepared By:

Jeffery N Schoeneck, PE
Horizon Envirotech, LLC
(402)-720-9209

5/8/2017



S, LLC.

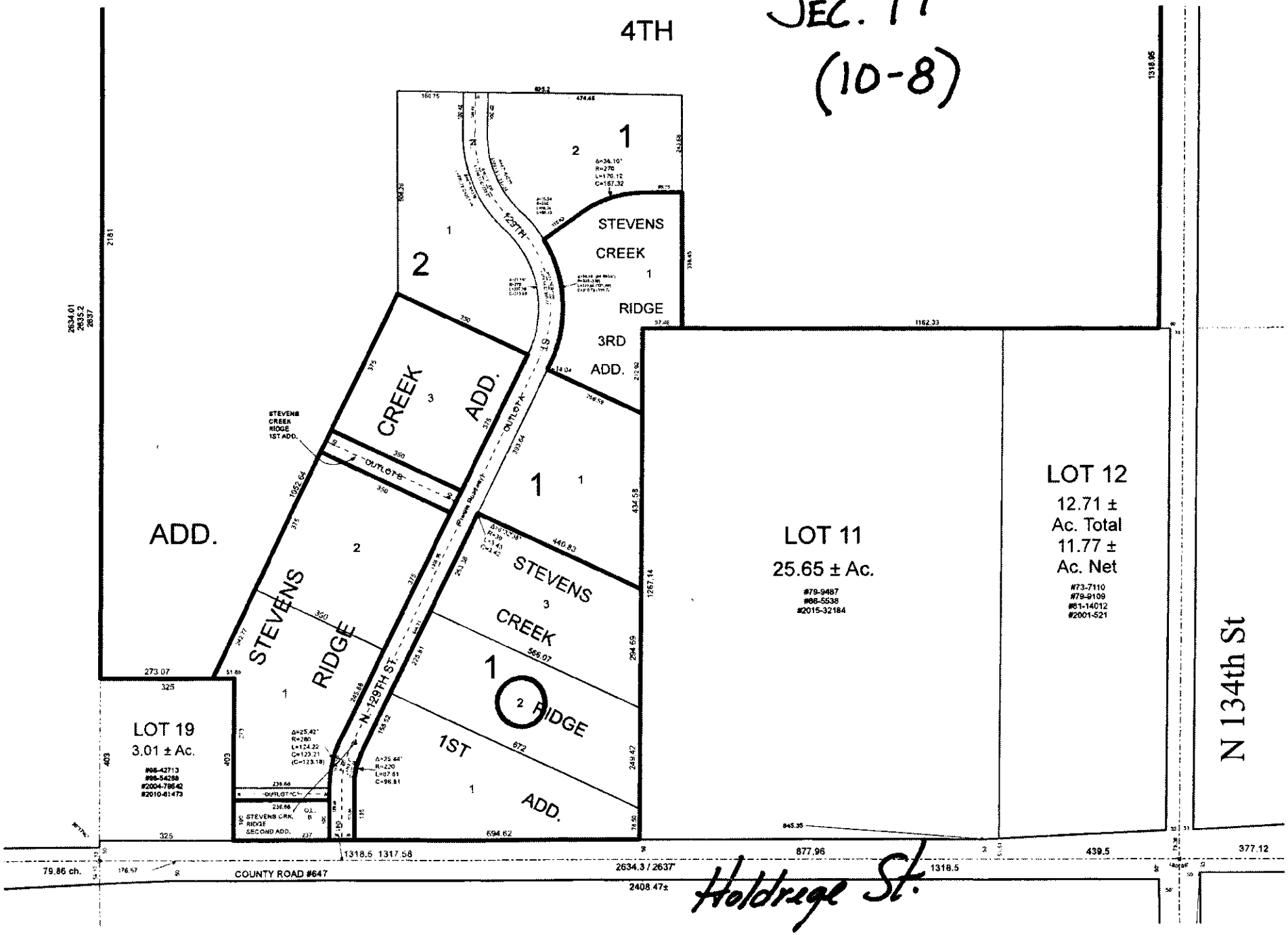


Lancaster County/City of Lincoln GIS Map

Printed: Mar 28, 2017

original PT done 3/7/16 on Native Soil
Builder lowered completed area & filled w/soil.

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.


SEC. 17
(10-8)
4TH
STEVENS CREEK RIDGE 3RD ADD.
STEVENS CREEK RIDGE 1ST ADD.
STEVENS CREEK RIDGE 2ND ADD.
STEVENS CREEK 3 ADD.
STEVENS CREEK 3 RIDGE 1ST ADD.
ADD.
OUTLOT A
OUTLOTS
OUTLOT 'C'
N 125TH ST.
N 129TH ST.
Private Road
LOT 11
25.65 ± Ac.
#79-9487
#86-5538
#2015-32184
LOT 12
12.71 ± Ac. Total
11.77 ± Ac. Net
#73-7110
#79-9109
#81-14012
#2001-521
LOT 19
3.01 ± Ac.
#98-42713
#98-54288
#2004-79642
#2010-61473
N 134th St
COUNTY ROAD #647
Holdrege St.
1318.5
1317.58
877.96
439.5
377.12
2634.3 / 2637'
2408.47±
79.86 ch.

Soil Absortion Test Data Sheet

Owner Information:

Owner: c/o Ironwood Builders Phone: 402-580-7955

Address: 1932 Devoe Rd, Lincoln, NE 68506

Location: 1660 N 129th St., Rural, NE

Latitude Longitude

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

County: Lancaster Area: 3.20 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
04/04/17	10:30 AM	04/04/17	2:30 PM

Test Day Weather
Weather PC Temp. 46 F

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	21	07/12/16	10:40 AM	6.75	11:20 AM	5.80	30	0.95	31.6
2	18	07/12/16	10:41 AM	6.90	11:21 AM	6.35	30	0.55	54.5
3	21	07/12/16	10:42 AM	7.10	11:22 AM	6.45	30	0.65	46.2
4	18	07/12/16	10:43 AM	6.85	11:23 AM	6.35	30	0.50	60.0
5	18	07/12/16	10:44 AM	7.2	11:24 AM	6.65	30	0.55	54.5
6	18	07/12/16	10:45 AM	6.75	11:25 AM	5.9	30	0.85	35.3

Jeffery N. Schoeneck

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

Sum of Percolation rates = 282.1

Number of test holes = 6.0

USE 60 min/in

Average of rates in Minutes/inch = 47.0

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

Soil Boring Revealed Seasonal High Water Table @ 70" Below the surface

Install 4 x 100ft of Bundled Polyethylene

4x100 x (1+.15) = 1800 SQ FT > 1750 Required

Nate C. Hartman

From: Ken D. Schroeder
Sent: Friday, May 20, 2016 2:36 PM
To: Nate C. Hartman
Cc: Pamela L. Dingman
Subject: sewage disposal system for PID #23 17 402 002 000
Attachments: part of sec 17-10-8.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for lot 2, Block 1, "STEVENS CREEK RIDGE FIRST ADDITION" located in the SE 1/4 of Section 17, T10N, R8E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec 17-10-8.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

Nate C. Hartman

From: Todd A. Stutzman
Sent: Monday, May 23, 2016 8:20 AM
To: Nate C. Hartman
Subject: Stevens Creek Ridge 1st addition lot 2 block 1

Nate,

The lot located in Stevens Creek 1st addition lot 2 block 1 is a buildable lot.

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