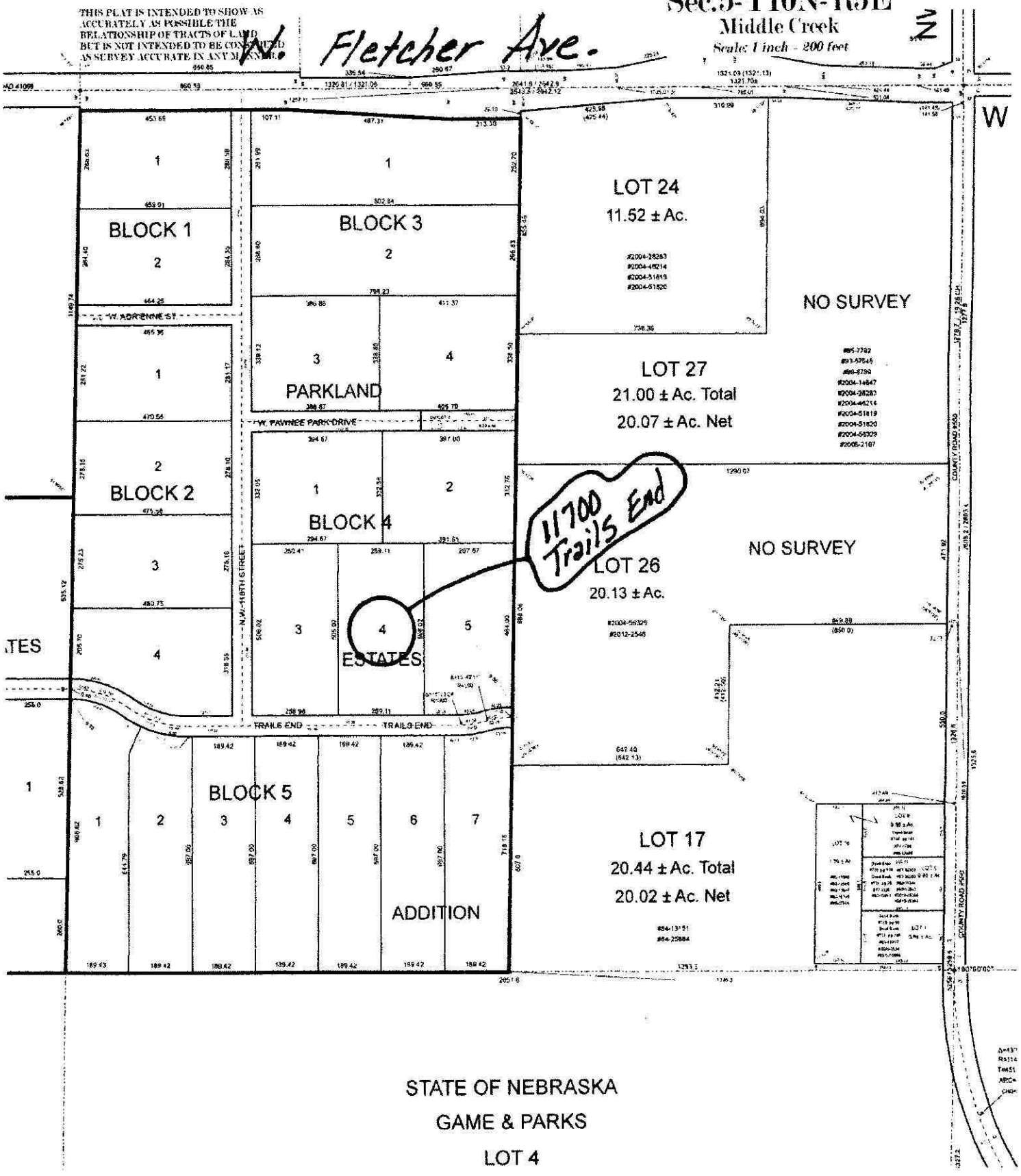
Nate C. Hartman

From: Ken D. Schroeder
Sent: Tuesday, March 04, 2014 10:49 AM
To: Nate C. Hartman
Subject: Sewage disposal system for 11700 Trails End
Attachments: part of sec 5-10-5.pdf

Nate,
Lancaster County Engineering Department indicates approval for a sewage disposal system for lot 4, Block 4 "Parkland Estates Addition" located in the NE 1/4 of Section 5, T10N, R5E of the 6th P.M., Lancaster County, Nebraska. *(see attached part of sec 5-10-5)*
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


THIS PLAT IS INTENDED TO SHOW AS ACCURATELY AS POSSIBLE THE RELATIONSHIP OF TRACTS OF LAND BUT IS NOT INTENDED TO BE CONSTRUED AS SURVEY ACCURATE IN ANY MANNER.
W. Fletcher Ave.
Sec.5-T10N-R5E
Middle Creek
Scale: 1 inch = 200 feet
N
W
BLOCK 1
BLOCK 2
BLOCK 3
BLOCK 4
BLOCK 5
PARKLAND
ESTATES
ADDITION
W. ADRIENNE ST.
W. PAWNEE PARK DRIVE
N.W. 118TH STREET
TRAILS END
TRAILS END
LOT 24
11.52 ± Ac.
NO SURVEY
LOT 27
21.00 ± Ac. Total
20.07 ± Ac. Net
NO SURVEY
11700 Trails End
LOT 26
20.13 ± Ac.
NO SURVEY
LOT 17
20.44 ± Ac. Total
20.02 ± Ac. Net
COUNTY ROAD X55
COUNTY ROAD X55
STATE OF NEBRASKA
GAME & PARKS
LOT 4

Nate C. Hartman

From: Todd A. Stutzman
Sent: Tuesday, March 04, 2014 11:15 AM
To: Nate C. Hartman

Nate,

Parkland Estates lot 4 block 4 is a buildable lot

Todd

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. HS000870

System Type: Lagoon

Situs: 11700 TRAILS END, RURAL, NE

Issued: 3/4/2014

Expires: 3/4/2015

Description: PARKLAND ESTATES ADDITION, BLOCK 4, Lot 4

Owner: HATFIELD, MICHAEL F & MARIA L
3915 N 26 ST UNIT 7
LINCOLN, NE 68521

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

KURT VIRGIL EXCAVATING INC
4620 W MARY LOUISE LANE
LINCOLN, NE 68528

SCANNED

MAR 03 2014

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

A

Permit Number
HS000870

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 11700 Trails End (no rural route) City Lincoln NE Zip 68524

Legal Description 5 10 5 Parkland Estates Add 4 4
(1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot)

Geographical Location (if known): Lat/Long: PID 04-05-204-004-000

B. Owner

Name Michael & Maria Hatfeild Signature NA

Address 3915 N 26 St. Unit # 7 City/State/Zip Lincoln, Ne 68521

Home Phone Work Phone

C. Certified Installer

Name: Knut Vigel Signature

Address 4620 W Mary Louise Ln City/State/Zip Lincoln Ne 68528

Work Phone 402. 525-6681

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 X3 as per contractor Is there a Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.01

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

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 3/4/14
Date frwd 3/4/14
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 7/29/14

Business Office Use Only
Date Received 3/4/14 Amount Paid 345.00
Received By SB Cash/Check No. 1052

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

Form A Updated 5/10

AUG 05 2014

D

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

Permit Number:

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date 7-23-14 Legal Description Parkland Estates Addition Block 4 Lot 4
1/4 1/4 Section Township Range

Onsite System Location

Address (no rural route) 11680 Trails End City Lincoln NE, Zip

Owner Michael & Maria Hatfield Address 3915 N 26 St Unit #7 Lincoln, Ne 68521

A. Sewer Pipe

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: - in.
   or distance below basement floor: 36 in.
3. Distance between dwelling and septic tank: 93 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line >100 ft.
   stream >50 ft.
   pressure line >25 ft.
   property line >5 ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☑ above ☐ below grade 4 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: 26 in.
8. Distances to: Well or suction line >100 ft.
   Stream >50 ft.
   Pressure line >25 ft.
   Property line >5 ft.

C. ☑ Distribution Box ☐ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: NA
   Number available outlets:
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: ft.

D. Drainfield Absorption

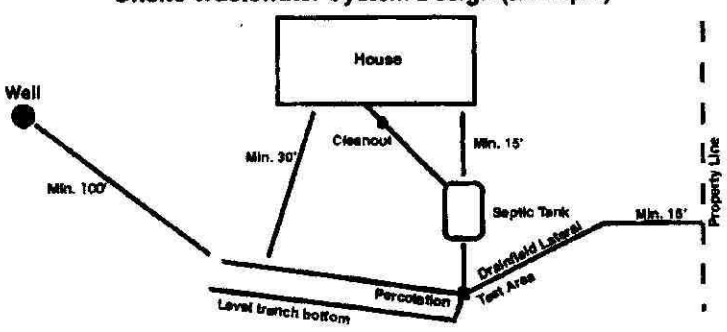
☑ Trench ☐ Bed ☑ Level Bottom

1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: 29.3
   Number of distribution lines in bed
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other
2. Drainfield Laterals: Number 3
   Length of each line: 48 ft. 112 ft.
   112 ft. ft., ft.
3. Drainfield dimensions: Width 2.44 ft.
   Distribution Pipe Slope 0 in/100 ft.
   Average depth 48 in
4. Filter material: NA
   Depth of material NA in.
5. Distances to: Well or suction line >100 ft.
   Pressure line >25 ft.
   Property line >5 ft.
   House or building >100 ft.
   Lake or Stream >50 ft.

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

Onsite Wastewater System Design (Example)

Indicate North with Arrow

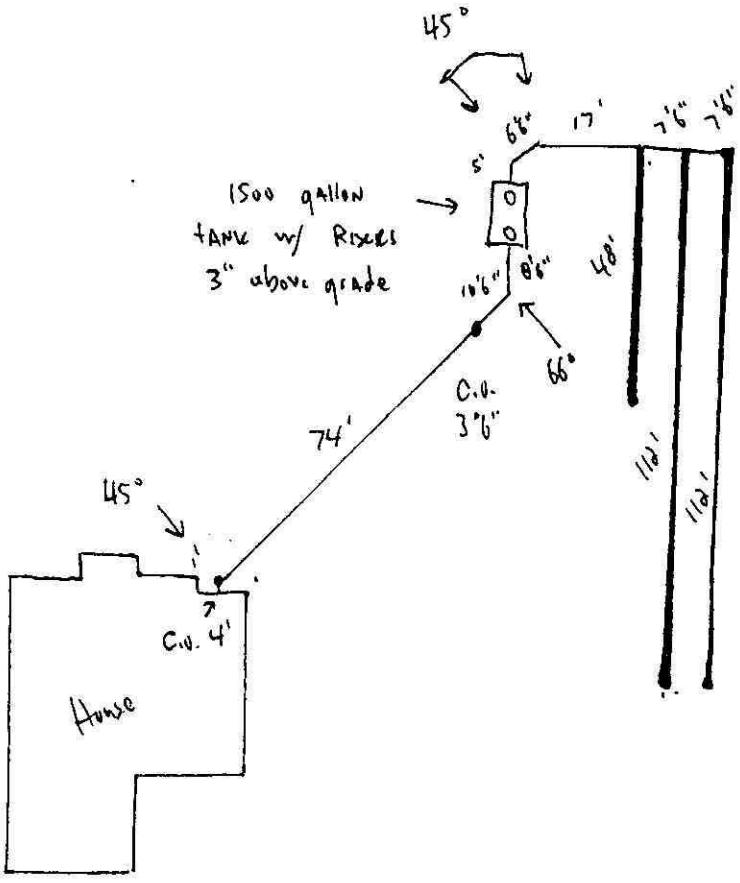


Michael & Maria Hatfield
11680 Trails End
Lincoln, Ne 68524

Septic Complete 7-23-14

N

⊢ = 10'



JUL 07 2014

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 11680 Trails End (no rural route) City Lincoln NE, Zip 68524

Owner Michael Hatfield Address 3915 N 26 St Unit #7 Lincoln, Ne 68521

Date of Tests 6-19-14 to 6-21-14 Weather: Precipitation Yes Temperature 90°

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. Results	N.
		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	48	6-19	2005	6-20	1005	6-21	1145	6	6-21	345	30	3/4	40
2	"	"	"	"	"	"	"	6	"	"	"	5/8	48
3	"	"	"	"	"	"	"	6	"	"	"	3 1/2	~~8.5~~ Not used in calculation
4	"	"	"	"	"	"	"	6	"	"	"	7/8	34
5	"	"	"	"	"	"	"	6	"	"	"	3/4	40
6	"	"	"	"	"	"	"	6	"	"	"	1/2	~~60~~
7	"	"	"	"	"	"	"	6	"	"	"	7/8	34
8	"	"	"	"	"	"	"	6	"	"	"	7/8	34

Person Conducting Percolation Test

Name: Kurt Vikal

Phone: 525-6681

Address 4620 W Mary Louise Ln Lincoln, Ne 68528

Soil type (NRCS Maps/Other) Marsh Clay Loam

Groundwater Depth > 8'

Sum of Percolation Rates: 230

Average of Rates: 38.33

Rate Used for Calculation: 31 - 40

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date

Onsite Form B 12_06