A

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

Permit Number: HS000119

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☐ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE 494 Branched Oak Rd.

A. System Location (Indicate correct number and street)

Address None Assigned Yet (no rural route) City Davey NE, Zip 68336

Legal Description SW (1/4) 1/4 26 (Section) 12 (Township) 6 (Range) Subdivision Addition Block 10 Lot

Geographical Location (if known): Longitude Latitude

☐ Check if system mail address is not the same as the owner's address

B. Owner

Name Mike & Amy Lockman Signature

Address 480 Branched Oak Rd City/State/Zip Davey / Ne / 68336

☐ Check if owner designed system Home Phone 525-4613 Work Phone

C. Contractor

Name Kurt T. Virgil Company Name Kurt T. Virgil Excavating

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

☒ Check if contractor designed system Work Phone 402-525-6681

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name Firm Work Phone

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 3 Is there a Whirlpool Bathtub (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. 2832

1. **Health Department** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature

Installation Final Written Approval

By

Date

Business Office Use Only

Date Rec'd 6/24/08 cc

Amt Paid 305

Rec'd By MJ Cash/Check No. 1915

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

6/24/08 CK # 1915 $305.00 DGL

Gordon G McGill/Notes
06/25/2008 03:18 PM

To Nate C Hartman/Notes@Notes
cc
bcc
Subject Re: 12 6 26sec

AS FAR AS I CAN SEE THIS PROPERTY IS OK TO PUT A SEPTIC SYSTEM ON,

"Ken Schroeder" <kschroed@co.lancaster.ne.us>
06/25/2008 03:57 PM

To "Nate Hartman" <nhartman@lincoln.ne.gov>
cc
bcc
Subject Lot 10 IT in Section 26 (12-6)

Nate,

This is to follow up on our phone conversation today in reference to a Sewage Disposal System Permit for Lot 10 of irregular tracts located in the Sw 1/4 of Section 26, T-12-N, R-6-E of the 6th P.M. Lancaster County, Nebraska.

Attached is a copy of section 26 (12-6) showing Lot 10 of irregular tract being a 20.05 acre tract in the SW 1/4.

Lancaster County Engineering Department indicates approval for a wastewater system on said Lot subject to the confirmation of any flood plain elevation and system construction to be 1 foot above flood elevation if applicable.

Kenneth D. Schroeder, R.L.S.
Lancaster County Engineering Dept.
444 Cherrycreek Road, Bldg. "C"
Lincoln, NE 68528
kschroeder@lancaster.ne.gov
Phone (402) 441-7681
Fax (402) 441-8692



l261206.pdf

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

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000119

System Type: LAGOON

Situs: T12N, R6E, SEC 26, LOT 10

Legal Description: T12N-R06E-S26-Lot 10

Owner:

Permit Fee:	$305.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$305.00

Issued: 06/27/2008
Expires: 06/27/2009

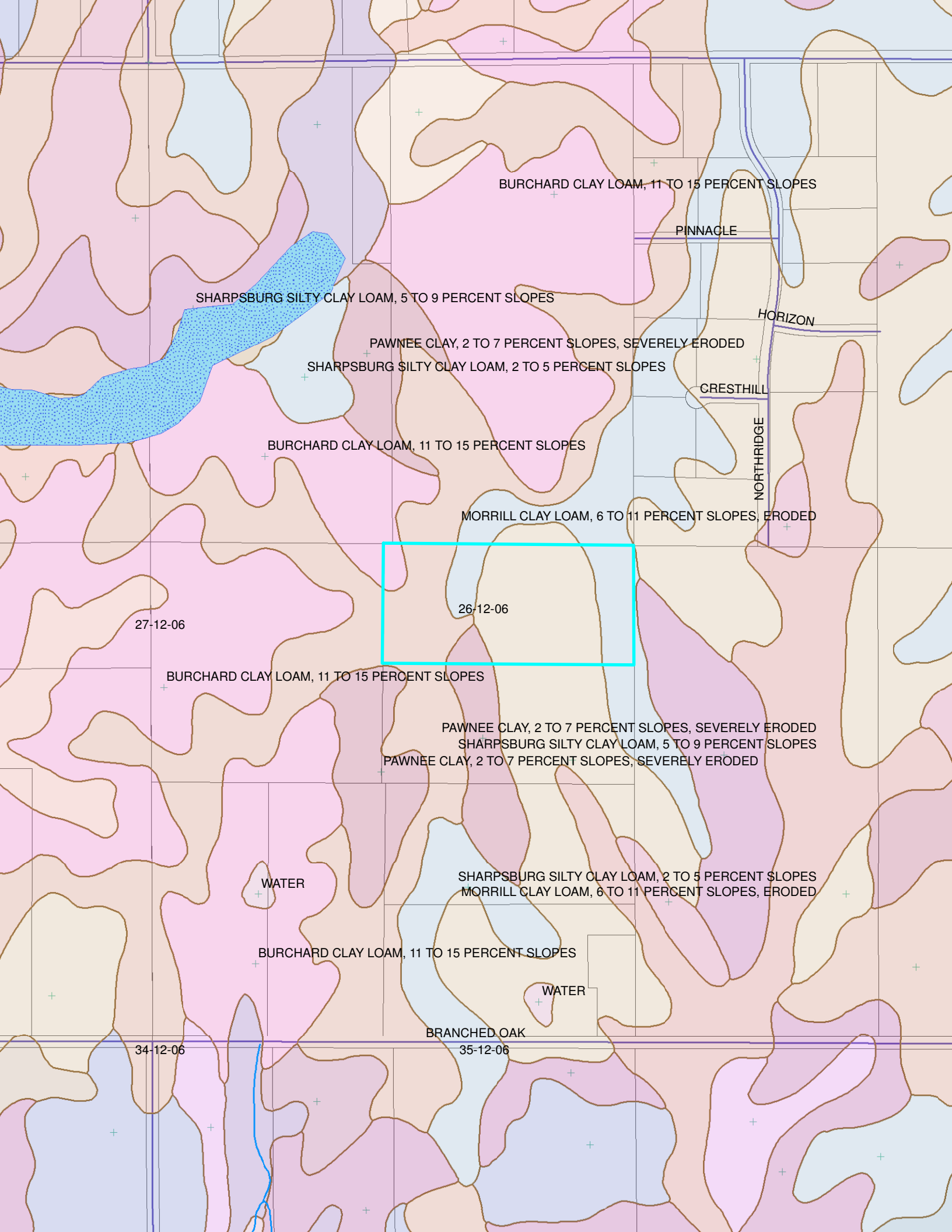
Bruce D. Dart, PhD, Health Director

On-site Waste System Permit Holder:

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.

Bruce D. Dart, PhD
Health Director

KURT T VIRGIL
4620 W MARY LOUISE LN
LINCOLN NE 68528


BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
PINNACLE
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
HORIZON
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES
CRESTHILL
NORTHRIDGE
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES, ERODED
26-12-06
27-12-06
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
WATER
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES, ERODED
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
WATER
BRANCHED OAK
34-12-06
35-12-06

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

A

Permit Number: H5000119

Sewage Disposal System

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☐ Check if owner designed system Home Phone 525-4013 Work Phone

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Name Kurt T. Virgil Company Name Kurt T. Virgil Excavating

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☒ Check if contractor designed system Work Phone 402-525-6681

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3. **City or County Engineer** Date rec'd Date frwd ACTION ☐ Approved ☐ Disapproved Signature See attached

Installation Final Written Approval

By

Date 12/16/08

Business Office Use Only

Date Rec'd 6/24/08
Amt Paid 305
Rec'd By
Cash/Check No. 1915

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

6/24/08 CK # 1915 $305.00 OSL

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

B

Permit Number:

4413890

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 494 Branched Oak Rd (no rural route) City Davey NE, Zip 68336

Owner Michael & Amy Lockner Address 480 Branched Oak Rd Davey, Ne 68336

Soil Type (SCS): SHARPSBURG Percolation Rate: 13.75 min./inch

Date of Tests 10-26-08 to 10-27-08 Weather: Precipitation No Temperature 40°

Percolation Test Data Table

A.	B.	C. D. Pre-Saturation Period		E. F.		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	48	10-26	10-	0-26	200	10-27	1015	6	10227	215	30	1 3/8	21.8
2	36	"	"	"	"	"	"	"	"	"	"	1 1/4	24
3	35	"	"	"	"	"	"	"	"	"	"	3 1/4	9.2
4	48	"	"	"	"	"	"	"	"	"	"	3	10
5	36	"	"	"	"	"	"	"	"	"	"	4	7.5
6	48	"	"	"	"	"	"	"	"	"	"	3	10

Sum of Percolation Rates: 82.5
Average of Rates: 13.75
Rate Used for Calculation: 13.75

Person Conducting Percolation Tests

Name: Kurt Virgil
Phone: 402-525-6681
Address 4620 W Mary Louise Ln
Lincoln, Ne 68528

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-98

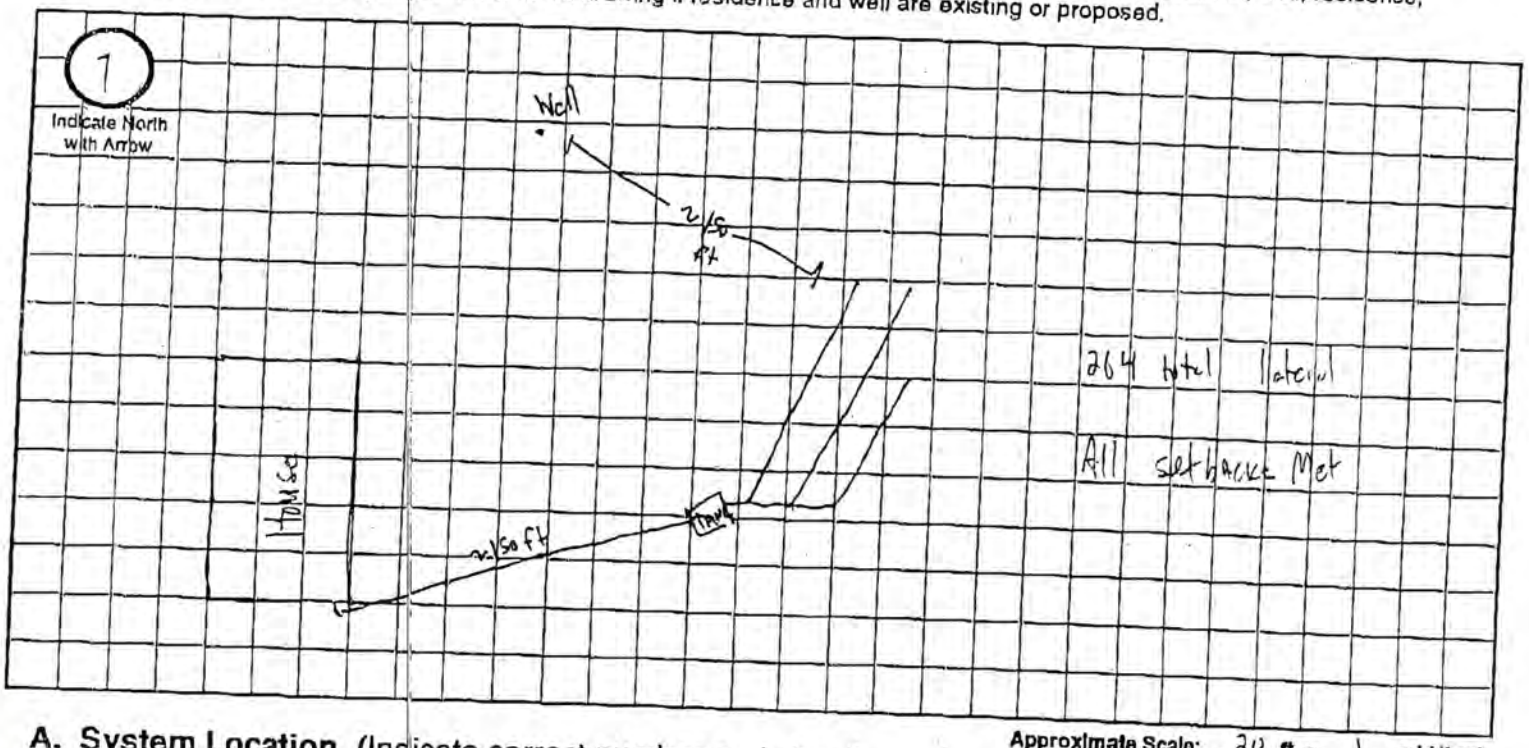
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

Sewage Disposal System
Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



Approximate Scale: 20 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 494 Bleached Oak Rd City Davey NE, Zip 68336

B. Proposed Septic Tank/s

Tank Material: ☑ Concrete ☐ Plastic ☐ Other

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 13.75 (min. per inch) Soil Type: Sharps Burg Land Slope: 3 %

Type of Absorption System: ☑ Trench ☐ Bed ☐ Other

Total Square Feet of Field Required: 840 sq. ft.

Type of Lateral: ☑ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material:

Capacity of Septic Tank 1500 gals Number of Absorption Beds: Number of Distribution Laterals per Bed

Total Length of Laterals 264 ft. Number of Trenches 3 Trench Width 36"

D. 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 ☐	☐

E. Required Signatures

Home Building Contractor Date

Installer Date 12-9-08

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

JAN 7 2009

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 1-4-08

System Location (Indicate correct number and street)

Address 494 Branched Oak (no rural route) City Davey NE, Zip 68336

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: — in.
   or distance below basement floor: 18 in.
3. Distance between dwelling and septic tank: 137 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 7 100 ft.
   stream 7 100 ft.
   pressure line 7 50 ft.
   property line 7 20 ft.

B. Septic Tank

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 2 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 18 in.
8. Distances to: Well or suction line 7 100 ft.
   Stream 7 100 ft.
   Pressure line 7 50 ft.
   Property line 7 20 ft.

C. Distribution Box

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

D. Absorption Field

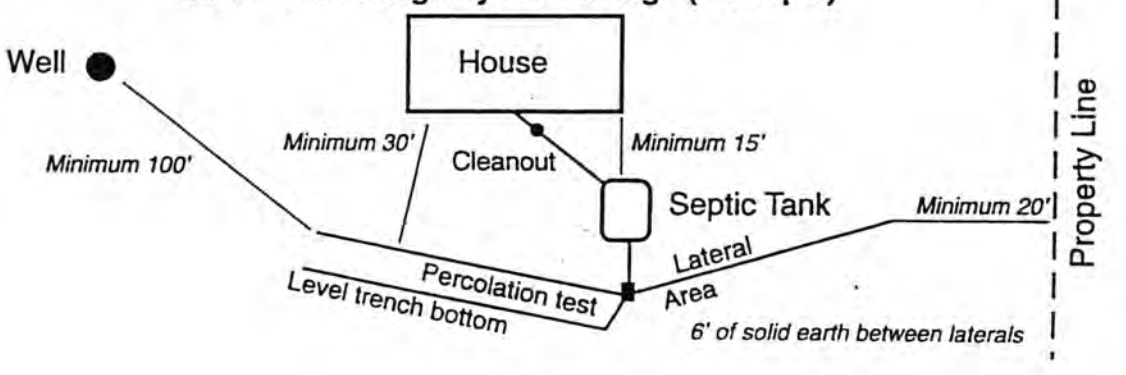
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 36"
   or perforated pipe:
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 3
   Length of each line: 100 ft. 100 ft.
   64 ft. ft., ft.
3. Trench dimensions: Width ~~36~~ 3 ft.
   Slope 0 in/100 ft.
   Average depth 36 in
4. Filter material: NA
   Depth of material NA in.
5. Distances to: Well or suction line 7 100 ft.
   Stream 7 100 ft.
   Pressure line 7 50 ft.
   Property line 7 20 ft.

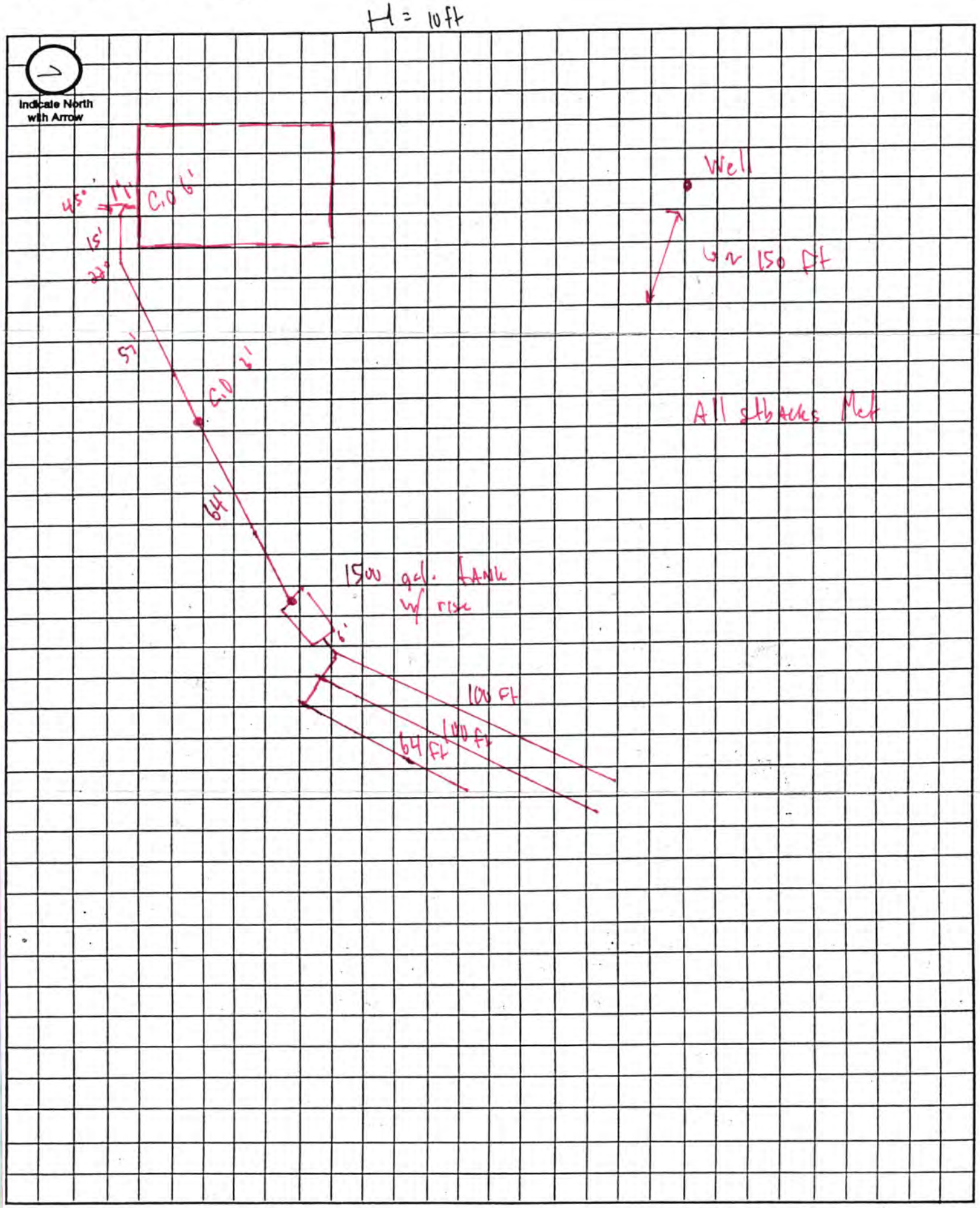
Indicate North with Arrow

Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



As Built Drawing



Approximate Scale: 10 ft. = 1 grid line/s