Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008899

(402) 441-8000

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 06380319101

Issued 04/26/06
Expires 04/26/07
Revenue Code 3157

Establishment
JOHN J HEWITT
T9N R5E SEC 21 QTR SE
NE 1/4 OF SE 1/4 LOT 31IT
8111 SW 98 ST-DENTON

FEES: $275.00

Permittee
JOHN J HEWITT
8111 SW 98 ST
DENTON NE 68339

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

MAY 0 4 2006

A

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

Permit Number: 06380319101

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

A. System Location (Indicate correct number and street)

Address 8111 SW 98th (no rural route) City DENTON NE, Zip 68339

Legal Description NE SE 21 9N 5E ~~E~~ 3 I.T.
1/4 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name JOHN HEWITT Signature John J. Hewitt

Address 8111 SW 98th City/State/Zip DENTON NE 68399

☐ Check if owner designed system Home Phone 797-2132 Work Phone _____

C. Contractor

Name OWNER. Company Name _____

Address _____ City/State/Zip _____

☐ Check if contractor designed system Work Phone _____

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

Designer Name Melvin Eagner Firm Eagner Const Work Phone 432-5698

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 400 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 4/26/06 Date frwd _____ **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5-2-06 Date frwd _____ **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 5-5-06 Date frwd 5-5-06 **ACTION** ☒ Approved ☐ Disapproved Signature Jim Plough

Installation Final Written Approval

By Charlotte Jobeun Doug Mark

Date 5-3-06 6/7/2006

Business Office Use Only

Date Rec'd 4/26/06

Amt Paid $275.00

Rec'd By LS Cash/Check No. 0551

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

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
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B

Permit Number: 06380319 1

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 8111 SW 98th (no rural route) City DENTON NE, Zip 68339

Owner JOHN HEWITT Addresss 8111 SW 98th

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

Date of Tests 4-5-06 to 4-6-06 Weather: Precipitation 0 Temperature 75

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				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	31	4-5	4:15	4-6	2:50	4-6	3:00	6	4-6	4:30	30	1/2	60
2	30	"	"	"	"	"	"	"	"	"	"	5/8	48
3	30	"	"	"	"	"	"	"	"	"	"	5/8	48
4	31	"	"	"	"	"	"	"	"	"	"	1/2	60
5	29	"	"	"	"	"	"	"	"	"	"	3/4	40
6	30	"	"	"	"	"	"	"	"	"	"	3/4	40

Sum of Percolation Rates: 296

Average of Rates: 49

Rate Used for Calculation: _____

Person Conducting Percolation Tests

Name: MELVIN F. GAGNER

Phone: 402-432-5698

Address 4810 "W" CLAIRE AVE
LINCOLN NE 68523

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
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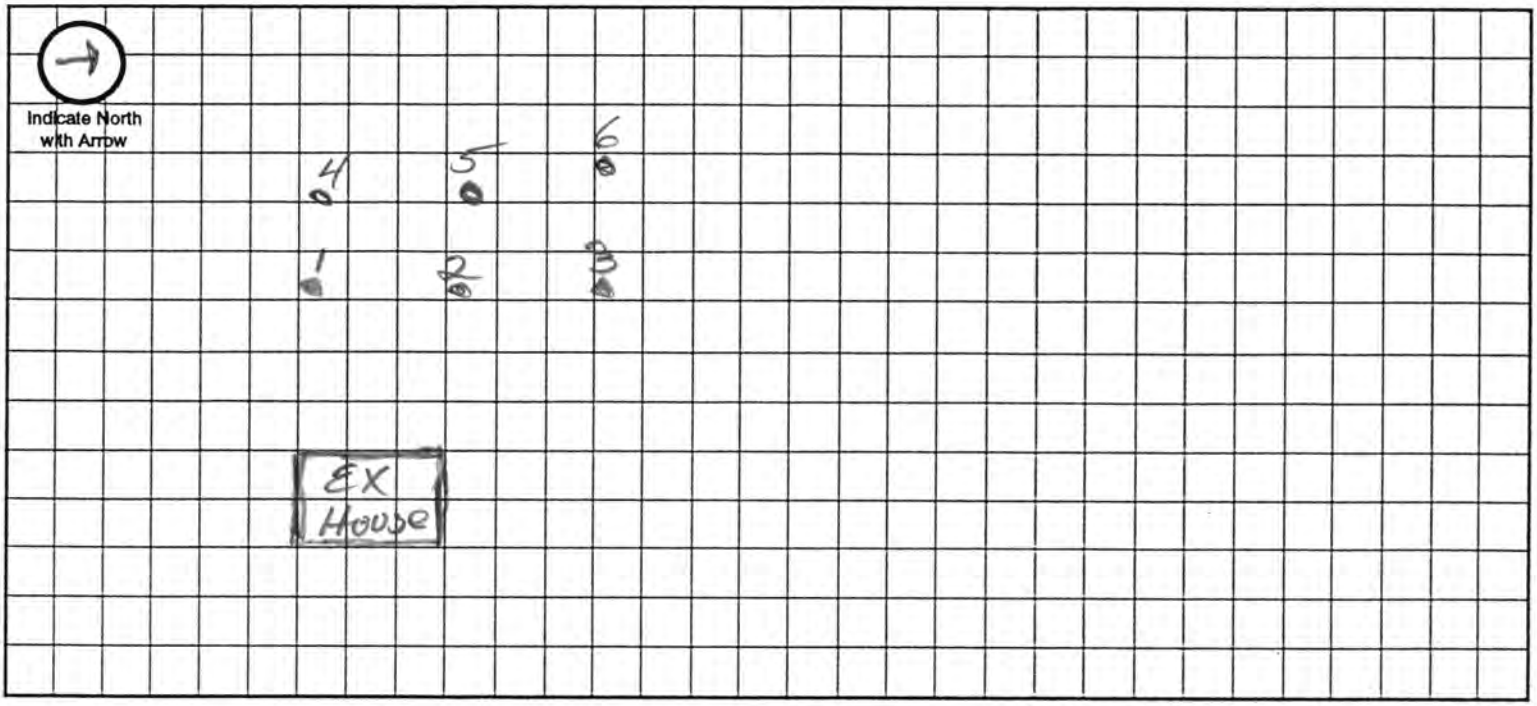
C

Permit Number: 06380319

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: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 8111 SW 98th City DENTON NE, Zip 68339

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 49 (min. per inch) Soil Type: _____ Land Slope: _____ %

Type of Absorption System: ☐ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 990 sq. ft.

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

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 247 ft. Number of Trenches 2 Trench Width 4

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 John J. Hewitt Date 4-24-06

Installer Melvin F. Wagner Date 4-20-06

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
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Phone: 402-441-8022

D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

Date 5-17-06

System Location (Indicate correct number and street)
Address 8111 SW 98th (no rural route) City DENTON NE, Zip 68339

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 45 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line OVER 50 ft.
   stream NA ft.
   pressure line NA ft.
   property line OVER 100 ft.

B. Septic Tank

1. Material: CONCRET
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☒ above ☐ below grade _____ 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 100 ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line 100 ft.

C. Distribution Box

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

D. Absorption Field

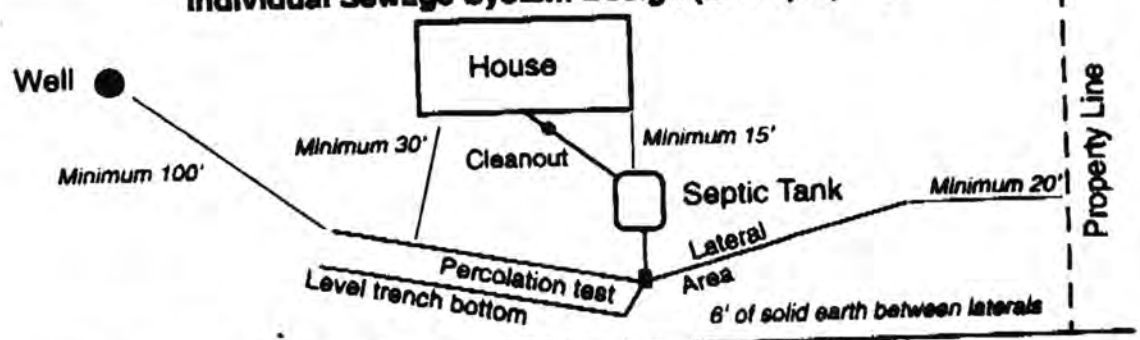
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other INFILTRATOR.
2. Lateral lines: Number 2
   Length of each line: 129 ft. 120 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 2 in
4. Filter material: NA
   Depth of material NA in.
5. Distances to: Well or suction line OVER 100 ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line OVER 20 ft.

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

Indicate North with Arrow

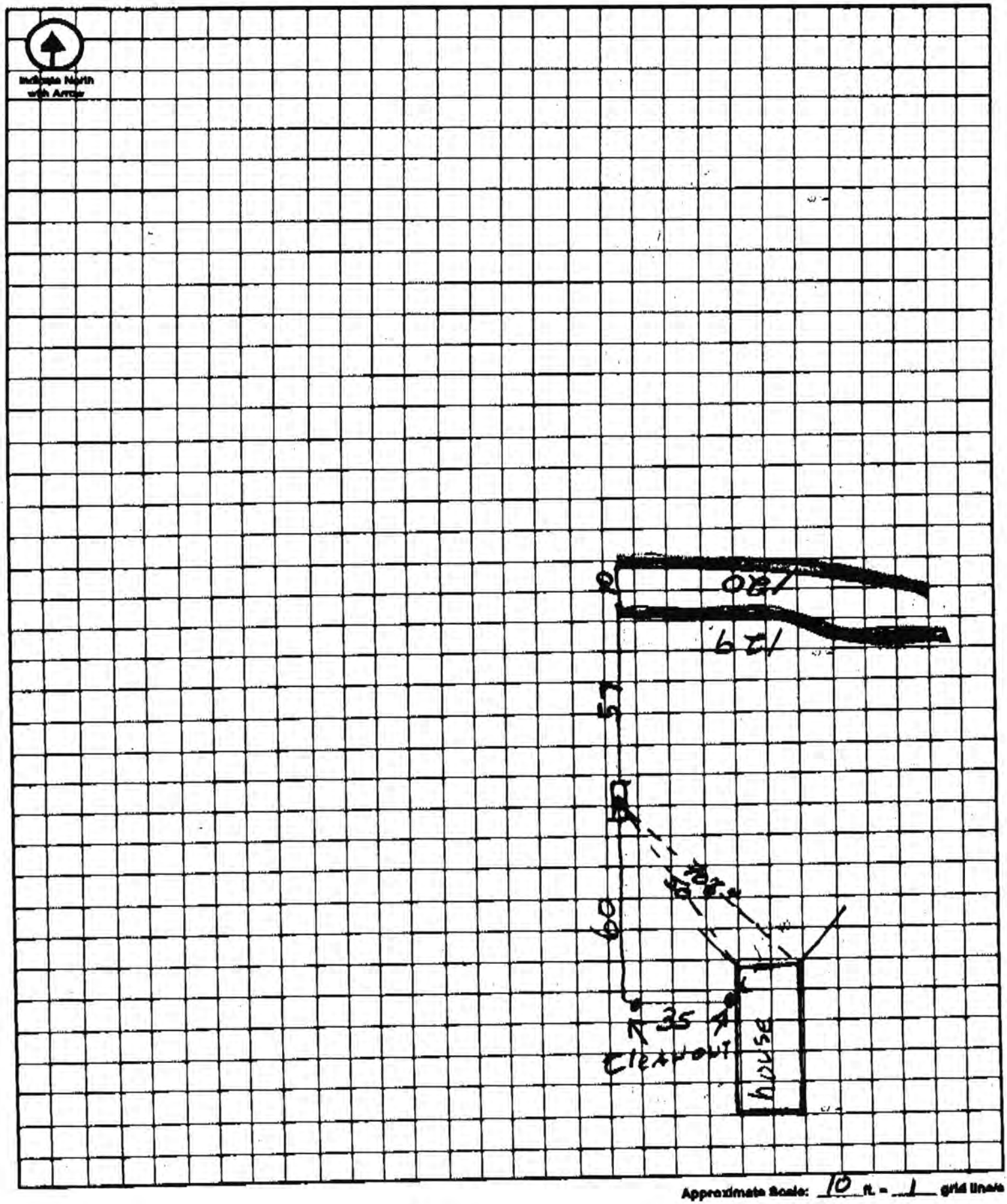
Individual Sewage System Design (Example)



FORM 23-103 10-86

05/17/2006 22:57 14027977475 GAGNER PAGE 02

As Built Drawing



Approximate Scale: 10 ft. = 1 grid lines