Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008592

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 06380314301

Issued 01/24/06
Expires 01/24/07
Revenue Code 3157

Establishment: JOHN HEASHBERGER
T11N R7E SEC 9 QTR NE
LOT 30IT
12877 N 70 ST

FEES: $275.00

Permittee: JOHN HEASHBERGER
1000 FLETCHER AVE
LINCOLN NE 68521

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

RECEIVED JAN 20 2006

A

Permit Number: 06380314301

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 12877 N 70th St (no rural route) City Lincoln NE, Zip 68517

Legal Description NE 9 11N 7E 6PM 30 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 HENSHBERGER Signature HEARTLAND HOMES Jim Jay

Address 1000 Fletcher Av. City/State/Zip Lincoln NE 68521

☐ Check if owner designed system Home Phone 477-7142 Work Phone 525-7054 (Cell)

C. Contractor

Name Stan Krause Company Name Dirt Works Plus Inc

Address 7801 Leighton City/State/Zip Lincoln Ne 68507

☒ Check if contractor designed system Work Phone 560-1208

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

Designer Name Dirt Work Inc Firm Stan Krause Work Phone 506-1208

E. This System Will Serve a

☐ Residential Dwelling Number of Bedrooms 4 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 1/24/06 Date frwd 1/25/06 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 1-25-06 Date frwd 1-25-06 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 01/25/2006 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____

5/5/06 Hood - Drawing L.C.A.

Installation Final Written Approval

By Jerrold C. Hood P.E.H.S.

Date MAY 11, 2006

Business Office Use Only

Date Rec'd 01/24/06

Amt Paid 275.00

Rec'd By _____ Cash/Check No. 10949

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
Phone: 402-441-8022

B

Permit Number: 0638 03143

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

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JAN 2 0 2006

System Location (Indicate correct number and street)

Address 12877 N. 70th (no rural route) City Lincoln NE, Zip 68517

Owner John LEASHBERY Address 1000 Fletcher E

Soil Type (SCS): _____ Percolation Rate: 44 min./inch

Date of Tests 1-19-2006 to 1-20-2006 Weather: Precipitation NONE Temperature 45°

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	27	1/19	8 AM	1/20	8 AM	1/20	8 AM	6	1/20	12 PM	30	5/8	48
2	28	"	8 AM	1/20	8 AM	1/20	8 AM	6	1/20	12 PM	30	3/4	40
3	27	"	8 AM	1/20	8 AM	1/20	8 AM	6	1/20	12 PM	30	3/4	40
4	29	"	8 AM	1/20	8 AM	1/20	8 AM	6	1/20	12 PM	30	3/4	40
5	30	"	8 AM	1/20	8 AM	1/20	8 AM	6	1/20	12 PM	30	5/8	48
6	31	"	8 AM	1/20	8 AM	1/20	8 AM	6	1/20	12 PM	30	5/8	48

Sum of Percolation Rates: 264
Average of Rates: 44
Rate Used for Calculation: 44

Person Conducting Percolation Tests

Name: [illegible]
Phone: 5100 1208
Address 7801 Leighton
Lnk NE 68507

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
Phone: 402-441-8022

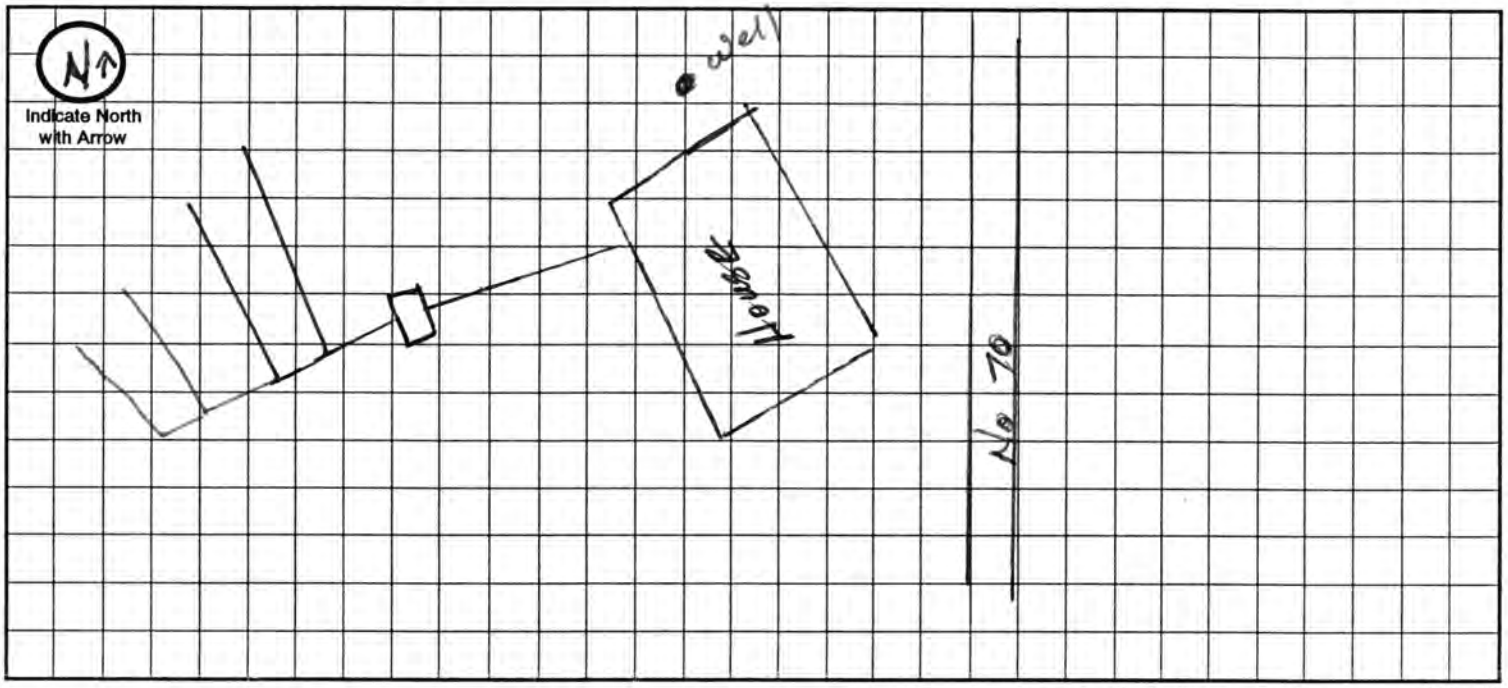
C

Permit Number: 063803143

JAN 2 0 2006

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) 12877 N 70th City Lincoln NE, Zip 68517

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other _____

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

Percolation Rate 44 (min. per inch) Soil Type: _____ Land Slope: _____ %

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

Total Square Feet of Field Required: 1320 sq. ft.

Type of Lateral: ☒ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: High Capl. RR Filltrader

Capacity of Septic Tank 1250 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 330 ft. Number of Trenches 4 Trench Width 4 ft.

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 Hartland Homes - Jim Day Date 1-24-2006

Installer Dirt Works Inc Stan Krause Date 1-24-2006

FORM 23-102 10-96

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

MAY 11 2006

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 5-5-2006

System Location (Indicate correct number and street)

Address 12877 No. 70th (no rural route) City Lincoln NE, Zip 68517

A. Building Sewer

1. Material: PVC Sdr 26
   Diameter: 4" in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 36 in.
3. Distance between dwelling and septic tank: 88 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 30' ft.
   stream — ft.
   pressure line 50 ft.
   property line 400 ft. From East lot

B. Septic Tank

1. Material: Plastic
   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: 20 in.
8. Distances to: Well or suction line 135 ft.
   Stream — ft.
   Pressure line 95' ft.
   Property line 400 ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 4 drop 60x5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 1st 10ft / 2nd 15ft 3rd 16ft / 4th 15ft. ft.

D. Absorption Field

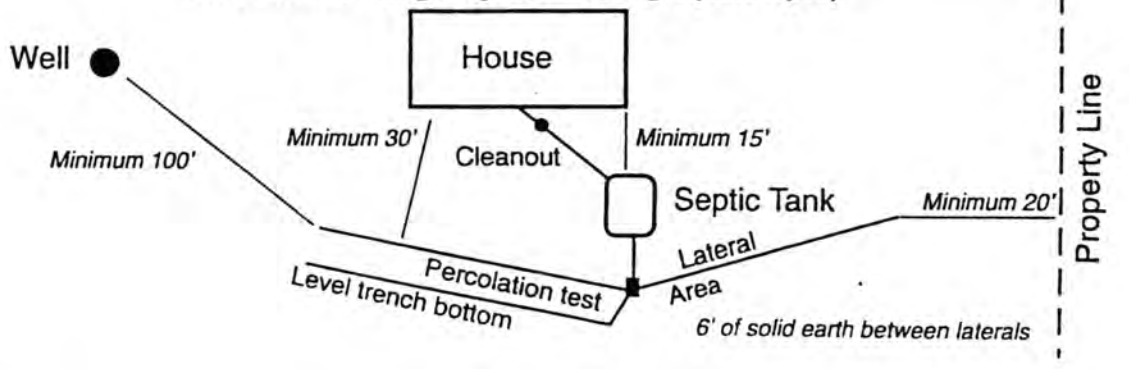
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 36"
   or perforated pipe: ____
   Material: ☐ fiberglass ☒ plastic ☐ concrete ☐ other ____
2. Lateral lines: Number 4
   Length of each line: 91 ft. 91 ft. 78 ft. 78 ft., ____ ft.
3. Trench dimensions: Width 4ft ft.
   Slope less 1 in/100 ft.
   Average depth 2ft. in
4. Filter material: dirt
   Depth of material — in.
5. Distances to: Well or suction line 140 ft.
   Stream — ft.
   Pressure line 95' ft.
   Property line 420 ft. From East lot line

Indicate North with Arrow

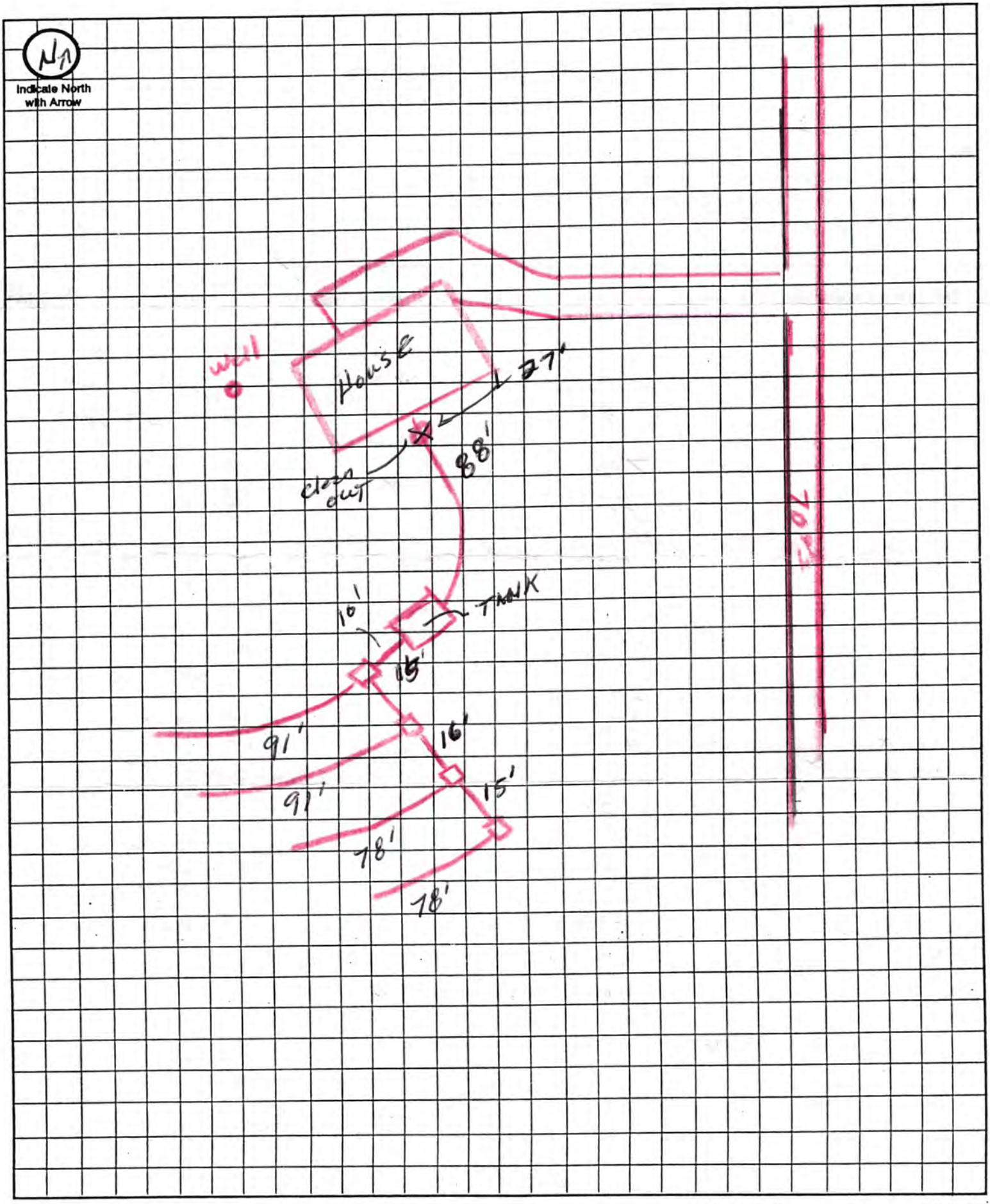
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



Approximate Scale: _____ ft. = _____ grid line/s