Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003363

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 04380277901

Issued 02/18/04
Expires 08/18/04
Revenue Code 3157

Establishment: KENNETH & KRISTI CHELOHA
T9N R8E SEC 7 QTR NE
22 ACRES LOT 18IT
S 120 ST-WALTON

FEES: $200.00

Permittee: KENNETH & KRISTI CHELOHA
4536 BIRCH HOLLOW DR
LINCOLN NE 68516

TOTAL: $200.00

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

A

Permit Number: 0438027791

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 4801 So 120th St (no rural route) City Walton NE, Zip

Legal Description So 22 acres NE 7 9N 8E 18 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 Kenneth + Kristi Cheloha Signature Kenneth L. M. Cheloha

Address 4536 Birch Hollow City/State/Zip Lincoln, NE 68516

☐ Check if owner designed system Home Phone 421-1465 Work Phone

C. Contractor

Name Steve Hall Company Name Steve Hall Construction

Address 16550 So 120th City/State/Zip Bennet, NE. 68317

☐ Check if contractor designed system Work Phone 432-5201

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

Designer Name Wellmann Plumbing Firm Work Phone 434-2400

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 2/18/04 Date frwd 2/19/04 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 2-19-04 Date frwd 2-19-04 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 2/19/04 Date frwd 2/19/04 ACTION ☒ Approved ☐ Disapproved Signature Chase Baker

Partial on line 11/5/04 D.F
~~11/17/04 NEED DRAWING J.E.H.~~

Installation Final Written Approval

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

Date FEBRUARY 17, 2006

Business Office Use Only

Date Rec'd 2/18/04
Amt Paid #200.00
Rec'd By
~~Cash~~/Check No. 7158

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

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B

Permit Number: 043802779

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 5120 (no rural route) City Walton NE, Zip 68461

Owner Kenneth Chaloha Addresss

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

Date of Tests 9-16 to 9-17 Weather: Precipitation — Temperature 80

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	28	9-16	6:30	9-17	8:00	9-17	8:30	10 7/8	9-17	9:00	30	7/8	35
2			PM		AM			7 1/4		AM		1/2	60
3								11 1/8				1 3/8	22
4								9				3/4	40
5								7 1/2				1/2	60
6								8				3/4	40

Sum of Percolation Rates: 257

Average of Rates: 43

Rate Used for Calculation: 60 (>20 min variation)

Person Conducting Percolation Tests

Name: Brad Southard

Phone: (402) 475-2462

Address 17201 S. 72nd
Hickman, Ne 68372

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks Rather slow for Judson Silt Loam

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date FEBRUARY 18, 2004

FORM 23-101 10-95

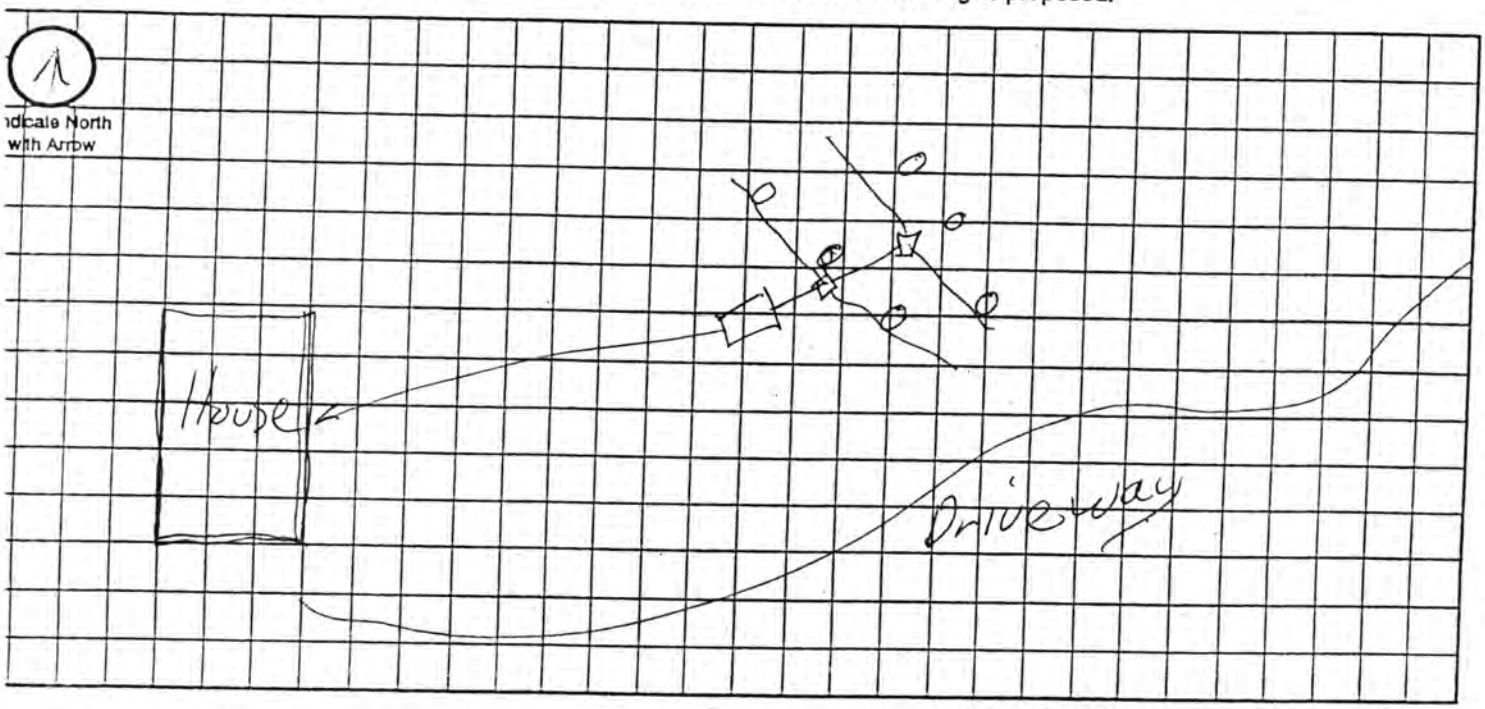
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C

Permit Number: 043802779

Sewage Disposal System
Preliminary Plan Specifications

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



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

System Location (Indicate correct number and street)

dress (no rural route) 5120 City Walton NE, Zip 68461

Proposed Septic Tank/s

nk Material: ☐ Concrete ☐ Plastic ☐ Other _____

Proposed Absorption System (See Form B for Percolation Information)

colation Rate 60 (min. per inch) Soil Type: JUC Land Slope: 3 %

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

al Square Feet of Field Required: 1400 sq. ft.

e of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

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

l Length of Laterals 350 ft. Number of Trenches _____ Trench Width 4

Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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

Required Signatures

e Building Contractor _____ Date _____

ller Brad Smith Date 9-23-03

3-102 10-96

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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date _____

System Location (Indicate correct number and street)

Address 4801 S 120th (no rural route) City Lincoln NE, Zip 68

A. Building Sewer

1. Material: Sch 40 PVC
   Diameter: _____ in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: _____ ft.
4. Number of clean-outs: _____
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: _____
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 at grade in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 15 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line 92 ft.

C. Distribution Box

1. Material: _____
   Number available outlets: _____
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 65 ft.

D. Absorption Field

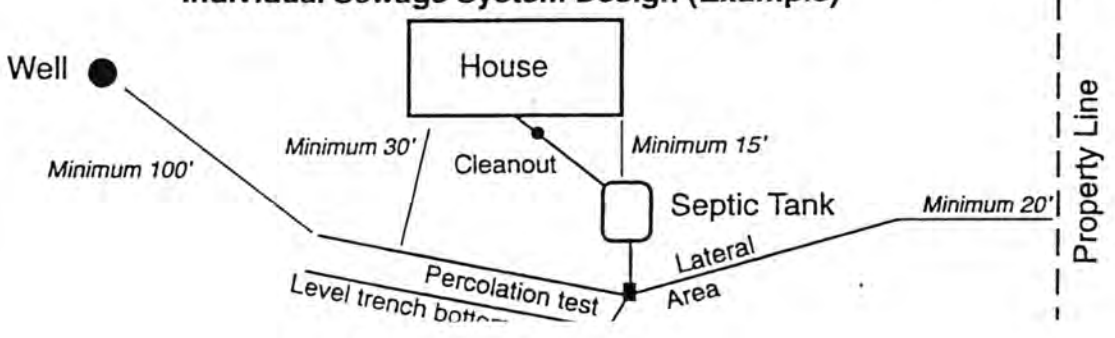
(Provide as-built drawings on back of this form)

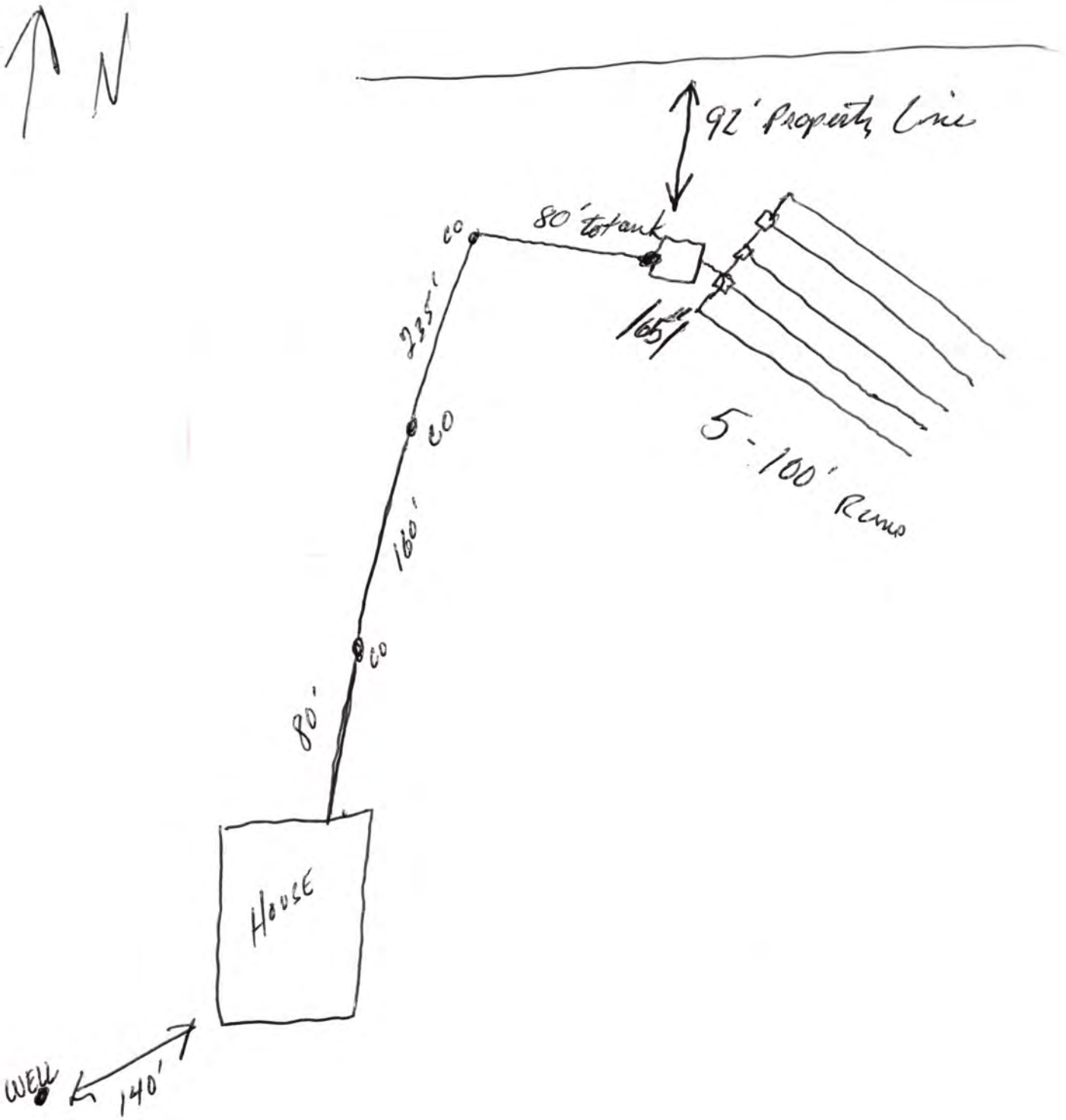
1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 30"
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 5
   Length of each line: 100 ft. 100 ft.
   100 ft. 100 ft., 100 ft.
3. Trench dimensions: Width _____ ft.
   Slope _____ in/100 ft.
   Average depth _____ in
4. Filter material: _____
   Depth of material _____ in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)




N
92' Property Line
80' to tank
CO
235'
CO
160'
CO
80'
165'
5 - 100' Runs
House
WELL
140'

Horse barn