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

RECEIVED
AUG 18 2004

A

Permit Number: 04380288101

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 4601 Harold Court (no rural route) City Lincoln NE, Zip

Legal Description 1/4 1/4 Section 30 Township 11N Range 7E Subdivision Sunshine Hills Add Addition 3 Block 1 Lot

Geographical Location (if known): Longitude Latitude

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

B. Owner

Name Don Johnson Signature Cathy for Don Johnson

Address 5901 N 27th City/State/Zip Lincoln NE 68521

☐ Check if owner designed system Home Phone Work Phone 436-3328

C. Contractor

Name Don Johnson Company Name Don Johnson Homes

Address 5901 N 27th City/State/Zip Lincoln NE 68521

☐ Check if contractor designed system Work Phone

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

Designer Name Dave Vogt Firm Vogt Exc. Work Phone 560-4267

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 5 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 8/18/04 Date frwd 8/18/04 ACTION ☒ Approved ☐ Disapproved Signature Lerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-18-04 Date frwd 8-18-04 ACTION ☒ Approved ☐ Disapproved Signature Shawn Johnson
3. **City or County Engineer** ~~2/4 for sewer, tank & laterals~~ Date rec'd 8-18-04 Date frwd 8-18-04 ACTION ☑ Approved ☐ Disapproved Signature Bruce Briney

Installation Final Written Approval

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

Date MARCH 24, 2006

Business Office Use Only
Date Rec'd 08/18/04
Amt Paid 200.00
Rec'd By
~~Cash~~/Check No. 15410

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector (2)

B

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
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Permit Number: 043802881

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (indicate correct number and street)

Address 4601 Harold Court (no rural route) City _____ NE, Zip _____

Owner _____ Address _____

Soil Type (SCS): SHARPSBURG SILTY CLAY LOAM Percolation Rate: 35 min./inch

Date of Tests 2-28-04 to 2-29-04 Weather: Precipitation No Temperature 42

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	30	2-28	10:00	2-29	10:30	2-29	10:30	6	2-29	11:00	30	5 1/8	34.29
2	30	2-28	10:00	2-29	10:30	2-29	10:30	6	2-29	11:00	30	5 1/4	40
3	30	2-28	10:00	2-29	10:30	2-29	10:30	6	2-29	11:00	30	5	30
4	30	2-28	10:00	2-29	10:30	2-29	10:30	6	2-29	11:00	30	5 1/4	40
5	30	2-28	10:00	2-29	10:30	2-29	10:30	6	2-29	11:00	30	4 3/8	26.66
6	30	2-28	10:00	2-29	10:30	2-29	10:30	6	2-29	11:00	30	5 1/4	40

Sum of Percolation Rates: 210.95
Average of Rates: 35.16
Rate Used for Calculation: 35

Person Conducting Percolation Tests

Name: Dave Vost
Phone: 560-4267
Address P.O. Box 22753
Lincoln, NE 68349

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

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

C

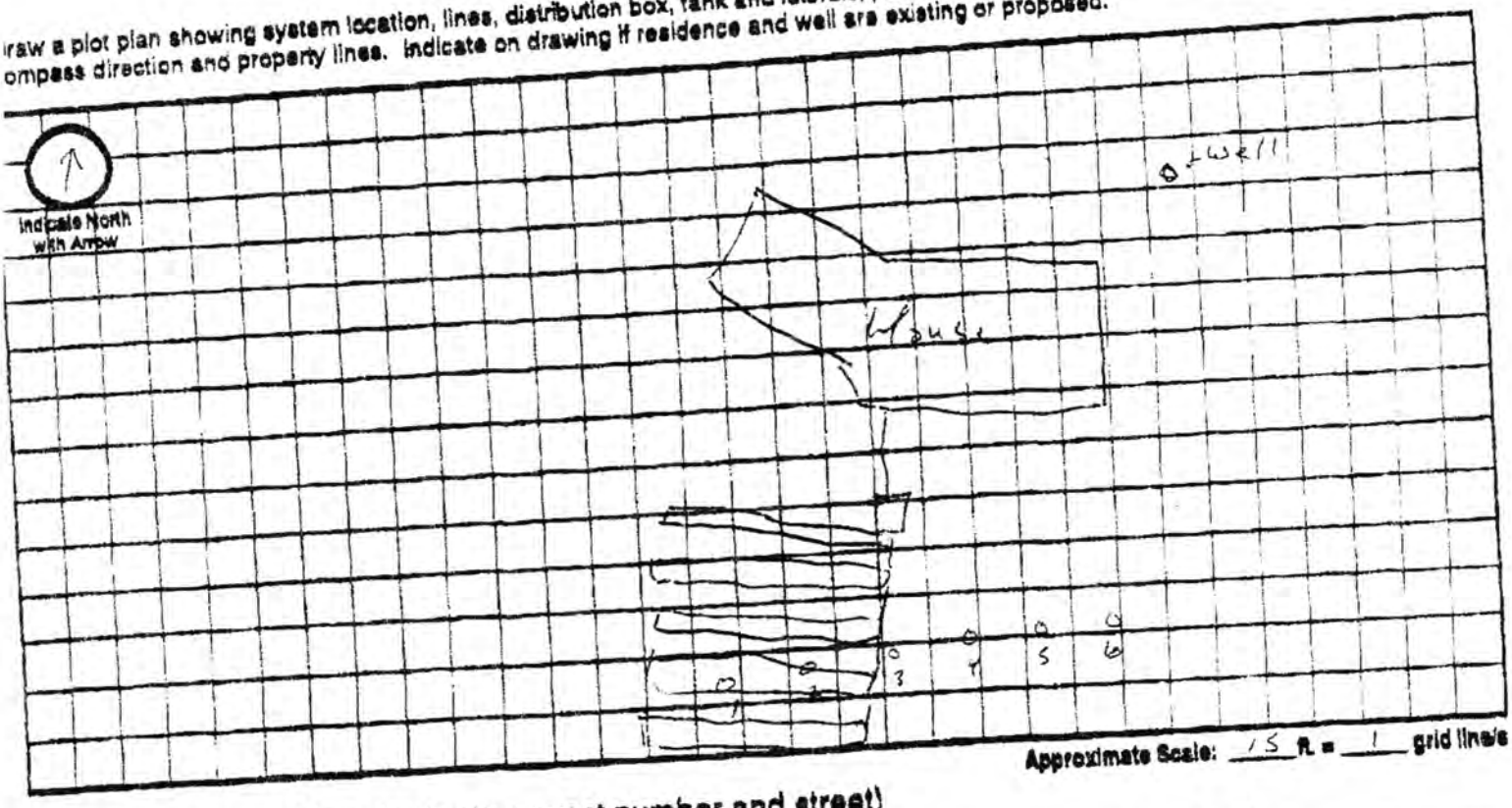
Permit Number: 043802881

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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.



A. System Location (Indicate correct number and street)

Address (no rural route) 4601 Harold Court City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 35 (min. per inch) Soil Type: Clay Land Slope: 6 %

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

Total Square Feet of Field Required: 1650 sq. ft.

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

Capacity of Septic Tank 2000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 412 ft. Number of Trenches 5 Trench Width 4'

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

Distance From	Private Well	Public Well	Surface Water	Ground 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 Dan Fahrenbruch Date _____

Date 8-17-04

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Phone: 402-441-8022

MAR 21 2006

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date MAY 05, 2005

System Location (Indicate correct number and street)

Address 4601 HAROLD CT (no rural route) City LINCON NE, Zip NE

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: 20 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100 ft.
   stream _____ ft.
   pressure line _____ ft.
   property line 175 ft.

B. Septic Tank

1. Material: CONCRETE
   Number of compartments: ONE
2. Capacity: 1700 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 12 in.
   Over outlet, diameter 12 in.
   Riser: ☐ above ☐ below grade 0 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 24 in.
8. Distances to: Well or suction line 120 ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line 100 ft.

C. Distribution Box

1. Material: PLASTIC
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 15 ft.

D. Absorption Field

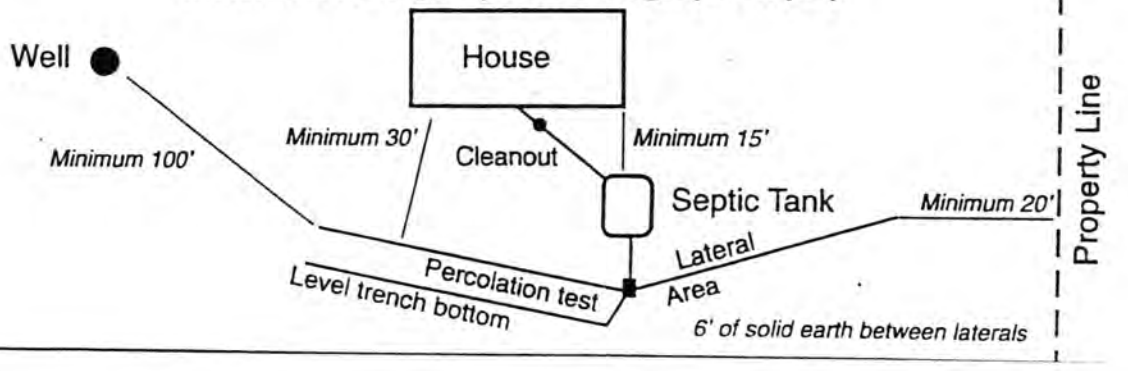
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 3 ft
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 88 ft. 88 ft.
   88 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3 ft.
   Slope _____ in/100 ft.
   Average depth _____ in
4. Filter material: DIRT
   Depth of material _____ in.
5. Distances to: Well or suction line 140 ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line 80 ft.

Indicate North with Arrow

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

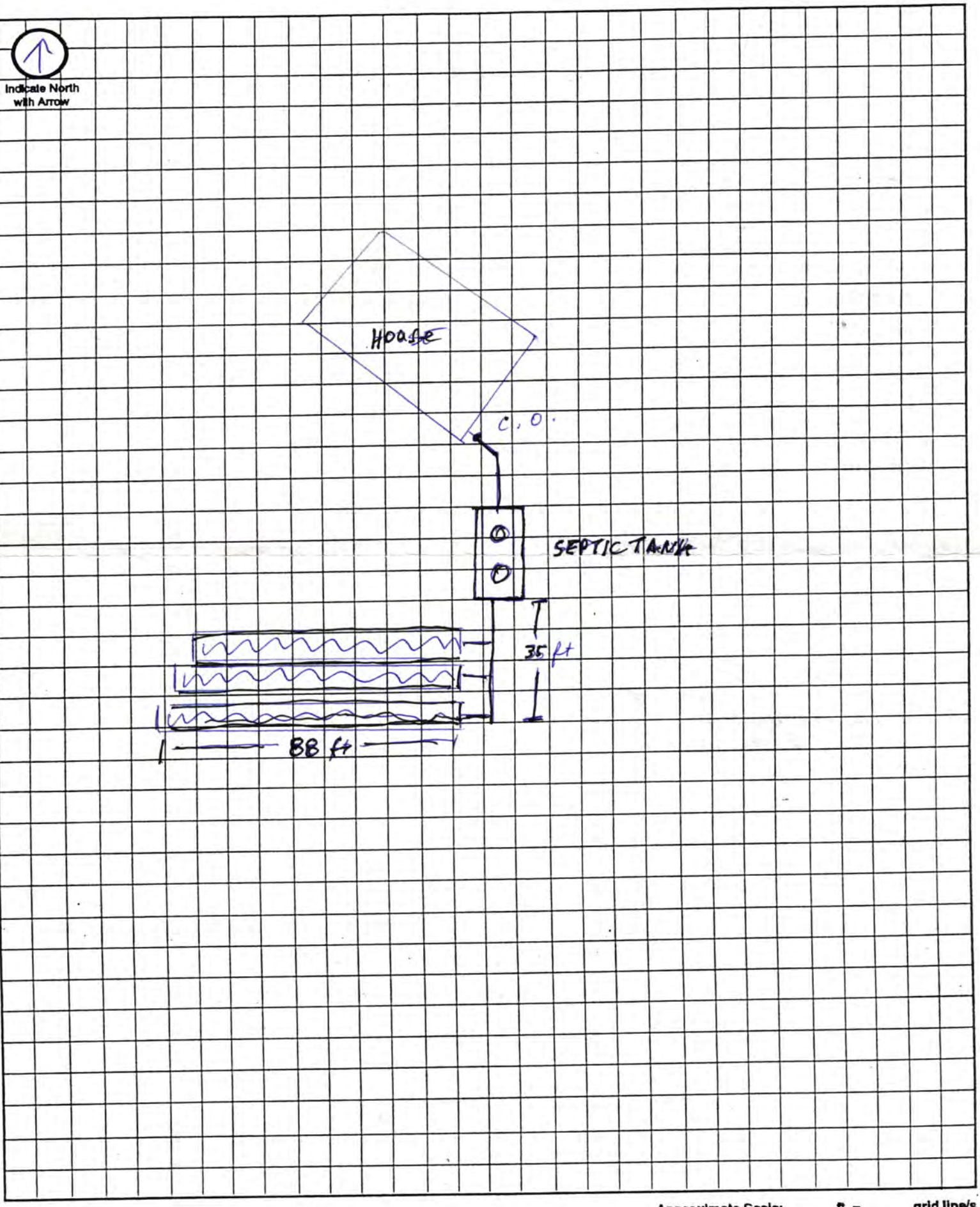
Individual Sewage System Design (Example)



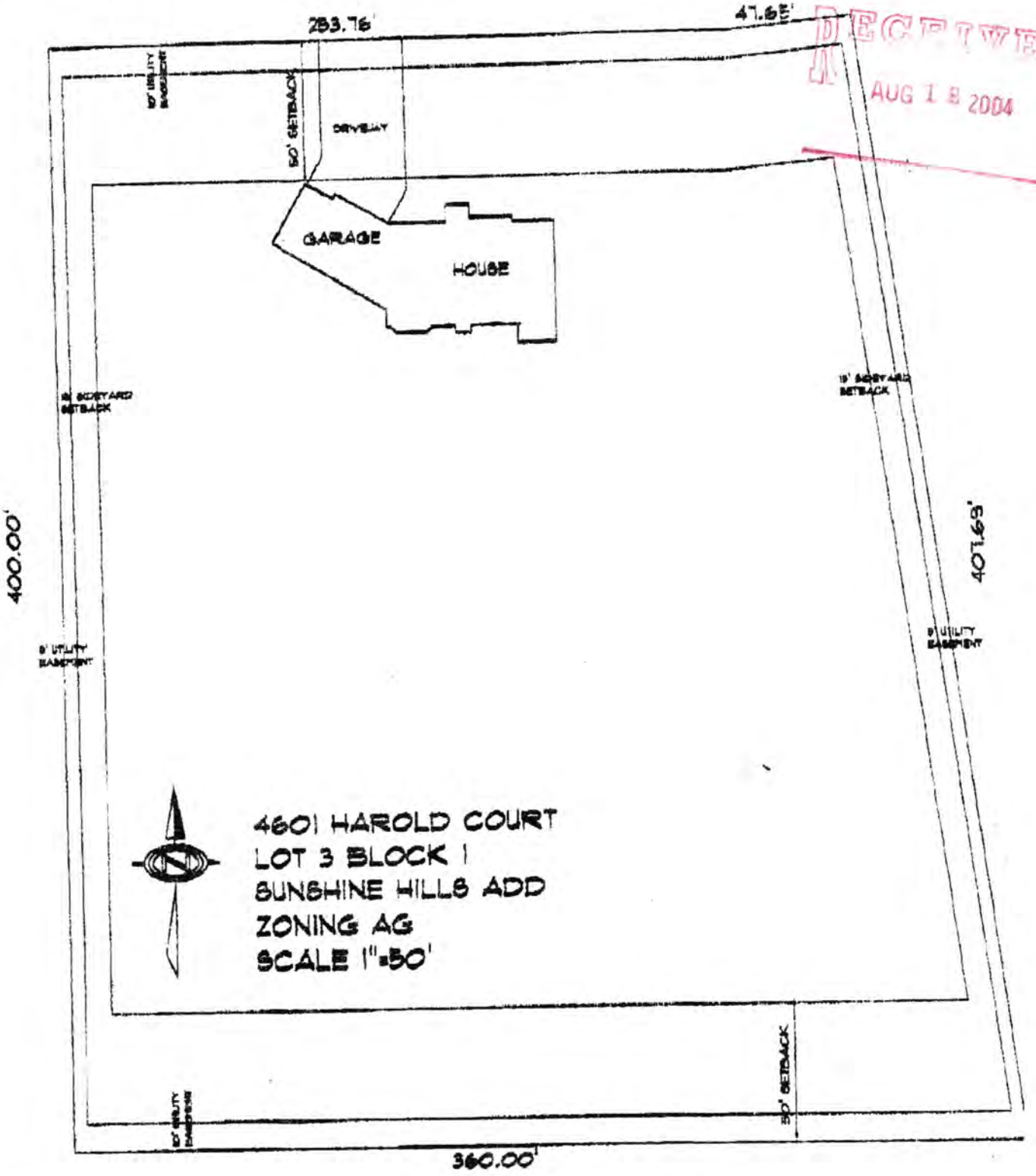
FORM 23-103 10-96

As Built Drawing

4661 Harold Court



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



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AUG 18 2004

3 Bedrooms
2 Future Bedrooms
1 Whirlpool

Laterals

1500 1100 Sq Ft

2000 1650 Sq Ft

Moser Well Drilling and Service Inc.

Marvin Moser
Hickman, NE

Allen Moser
Hickman, NE

Bill Moser
Roca, NE

Chris Thornton
Hickman, NE

Pumps & Well Supplies - Trenching - Drilling

Hickman, Nebraska 68372
Phone: (402) 792-2515
Lincoln: 477-7291
Fax# 792-2922
www.moserwell.com

Date: 5/22/02 Well #: 38-02 Driller: Bill NRD Lower Platte South

Owner/Builder: Carol Anderson, 3707 Raymond Road, Davey, NE 68336

Location: 47th and Bluff Rd. S. side, Lincoln, NE / 4601 Harold Court Phone # h-785-3235

Current owner OF this well is Kurt Rice

0- 15 Brown clays
15- 20 Sandy brown clay
20- 30 Sand
30- 50 Silty tan clay
50- 60 Black and light blue/green clay
60-140 Silty gray clay
140-145 Black clay
145-175 Light gray, brown clay
175-190 Fine to medium coarse brown sandstone

Depth: 186' Elevation:

Casing Information
Type: pvc Thickness: 200 #
Length: 176' Diameter: 4"
Bore Size: 8.5" SWL: 94'
PWL: GPM: 100 w/air

Filler Pack: 20-170'
Grout: 6-20'

Screen
Length: 10' Diameter: 4"
Type: pvc wop Slot: .020
Area of:
Screen(s): 176-186'
Pack: 170-187'
Type of Pack: "B"

Chemical Analysis
Total Chlorides: 182 ppm
Hardness: 461.7 ppm
Nitrates: .05 ppm
Bacteria:
Iron: .06 ppm

JERRY - This is the well For 4601 Harold Court. When this well was made there were NO addresses assigned!!

Latitude Degree 40 Minute 54 Second 45
Longitude Degree 96 Minute 39 Second 18
STATE STATE & COUNTY SENT 6/12/02

Lancaster/North Bluff
T.N. 11 R.E. 7 SEC 20
G-116643 6-13-02

SENT to you on 6-12-02

NITRATE NITROGEN 0.0 P.P.M.
BACTERIOLOGICAL O.K.