Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

009877

Permit: SEWAGE INSTALLATION
LAGOON

Permit #: 07380330301

Issued: 02/12/07
Expires: 02/12/08
Revenue Code: 3157

Establishment:
HAUSMANN CONSTRUCTION
T8N R7E SEC 9
BRUSH CREEK ESTS BLK 1 LOT 3
14301 BRUSH CREEK PL-ROCA

FEES: $290.00

Permittee:
HAUSMANN CONSTRUCTION
601 OLD CHENEY RD
APT C
LINCOLN NE 68512

TOTAL: $290.00

EPH COPY

Bruce D. Dart

Bruce D. Dart, Health Director

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

FEB 08 2007

A

Permit Number: 07380330301 HP

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 14301 BRUSH CREEK PLACE

A. System Location (Indicate correct number and street)

Address ~~Assigned~~ Not yet Assigned (no rural route) City Roca NE, Zip 68430

Legal Description LCR 5929 — 1/4 — 1/4 — Section 9 — Township 8N — Range 7E — Subdivision Brush Creek Estates — Addition — Block 1 — Lot 3

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Hausmann Construction Signature _____

Address 601 Old Cheney Suite C City/State/Zip Lincoln / Ne / 68510

☐ Check if owner designed system Home Phone _____ Work Phone 402-438-3230

C. Contractor

Name Kurt + Virgil Company Name Kurt T. Virgil Excavating

Address 4620 W. Mary Louise Ln City/State/Zip Lincoln, Ne, 68510

☒ 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 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 2/12/07 Date frwd 2/12/07	ACTION ☑ Approved ☐ Disapproved Signature	
2. Supt. Bldg. Insp. or Village Clerk	Date rec'd 2-12-07 Date frwd 2-12-07	ACTION ☑ Approved ☐ Disapproved Signature	
3. City or County Engineer	Date rec'd 2-12-07 Date frwd 2-12-07	ACTION ☒ Approved ☐ Disapproved Signature Jim Dougherty	

Installation Final Written Approval

By _____

Date 8/17/07

Business Office Use Only

Date Rec'd 02/12/07
Amt Paid 290.00
Rec'd By _____ Cash/Check No. 8438

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:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 14301 Brush Creek Pl. (no rural route) City Roca NE, Zip

Owner Hausmann Addresss 601 Old Cheney Rd Suite C Lincoln, Ne 68512

Soil Type (SCS): Wymore Silty Clay 6o2m Percolation Rate: ~~14.84~~ 14.47 min./inch

Date of Tests 6-30-07 to 7-1-07 Weather: Precipitation No Temperature 85°

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	48	6-30	415	630	815	7-1	245	6	~~6-30~~	645	30	2 5/8	11.43
2	47	"	"	"	"	"	"	"	7-1	"	"	2 1/2	12
3	46	"	"	"	"	"	"	"	"	"	"	2 3/8	12.63
4	48	"	"	"	"	"	"	"	"	"	"	2 1/16	14.5
5	46	"	"	"	"	"	"	"	"	"	"	1 5/8	18.46
6	48	"	"	"	"	"	"	"	"	"	"	1 1/16	17.8

Person Conducting Percolation Tests

Name: Kurt T Virgil

Phone: 402-525-6681

Address 4600 W. Mary Louise Ln Lincoln, Ne 68528

Sum of Percolation Rates: 86.82

Average of Rates: 14.47

Rate Used for Calculation: 14.47

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

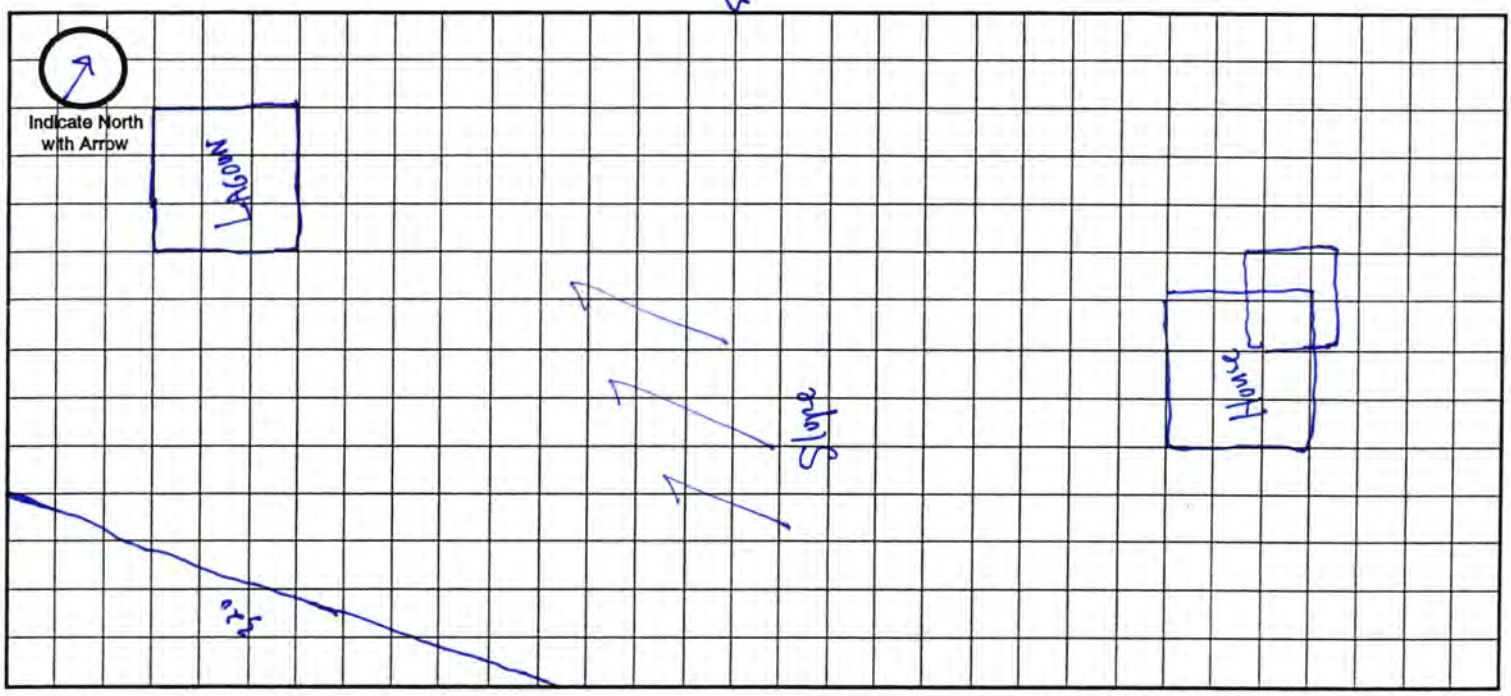
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) _____ City Roca NE, Zip 68430

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

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

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

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

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

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

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

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 2-2-07

FORM 23-102 10-96

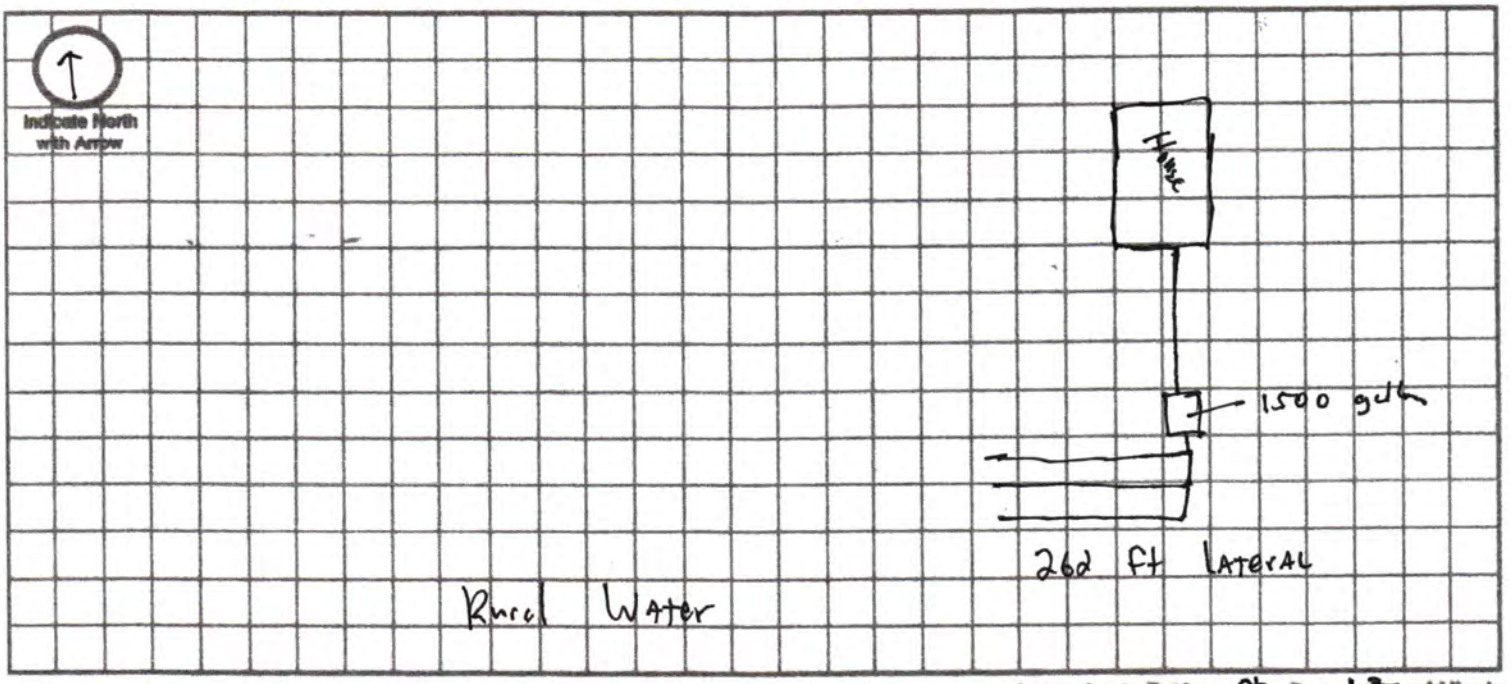
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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) 14301 Brush Creek Pl City Roca NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 14.47 (min. per inch) Soil Type: Wymore Land Slope: 5 %

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

Total Square Feet of Field Required: 1050 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 260.5 ft. Number of Trenches 3 Trench Width 3'

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 RH & Y Date 7-20-07

Installer Date

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 8-23-07

System Location (Indicate correct number and street)

Address 14301 Brook Creek Pl. (no rural route) City Roca NE, Zip 68430

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: 130 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 7100 ft.
   stream 750 ft.
   pressure line 750 ft.
   property line 720 ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 2 x 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24" in.
   Over outlet, diameter 24" in.
   Riser: ☐ above ☒ below grade 6 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 7100 ft.
   Stream 750 ft.
   Pressure line 750 ft.
   Property line 720 ft.

C. Distribution Box

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

D. Absorption Field

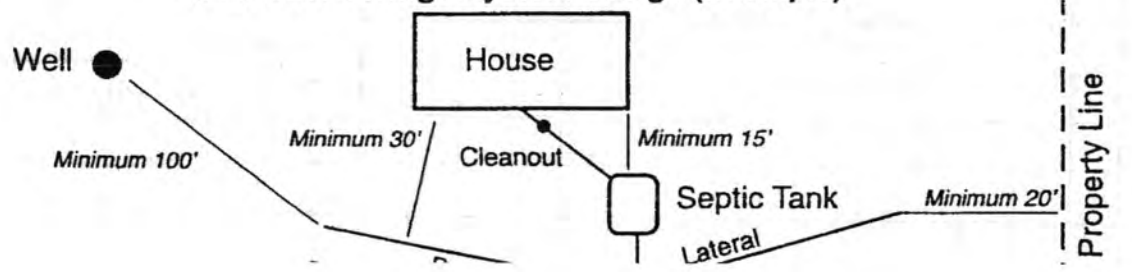
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 3"
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 4
   Length of each line: 92 ft. 92 ft.
   92 ft. 88 ft., _____ ft.
3. Trench dimensions: Width 3 ft.
   Slope 0 in/100 ft.
   Average depth 48 to 60th in
4. Filter material: —
   Depth of material — in.
5. Distances to: Well or suction line 7100 ft.
   Stream 750 ft.
   Pressure line 750 ft.
   Property line 720 ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)

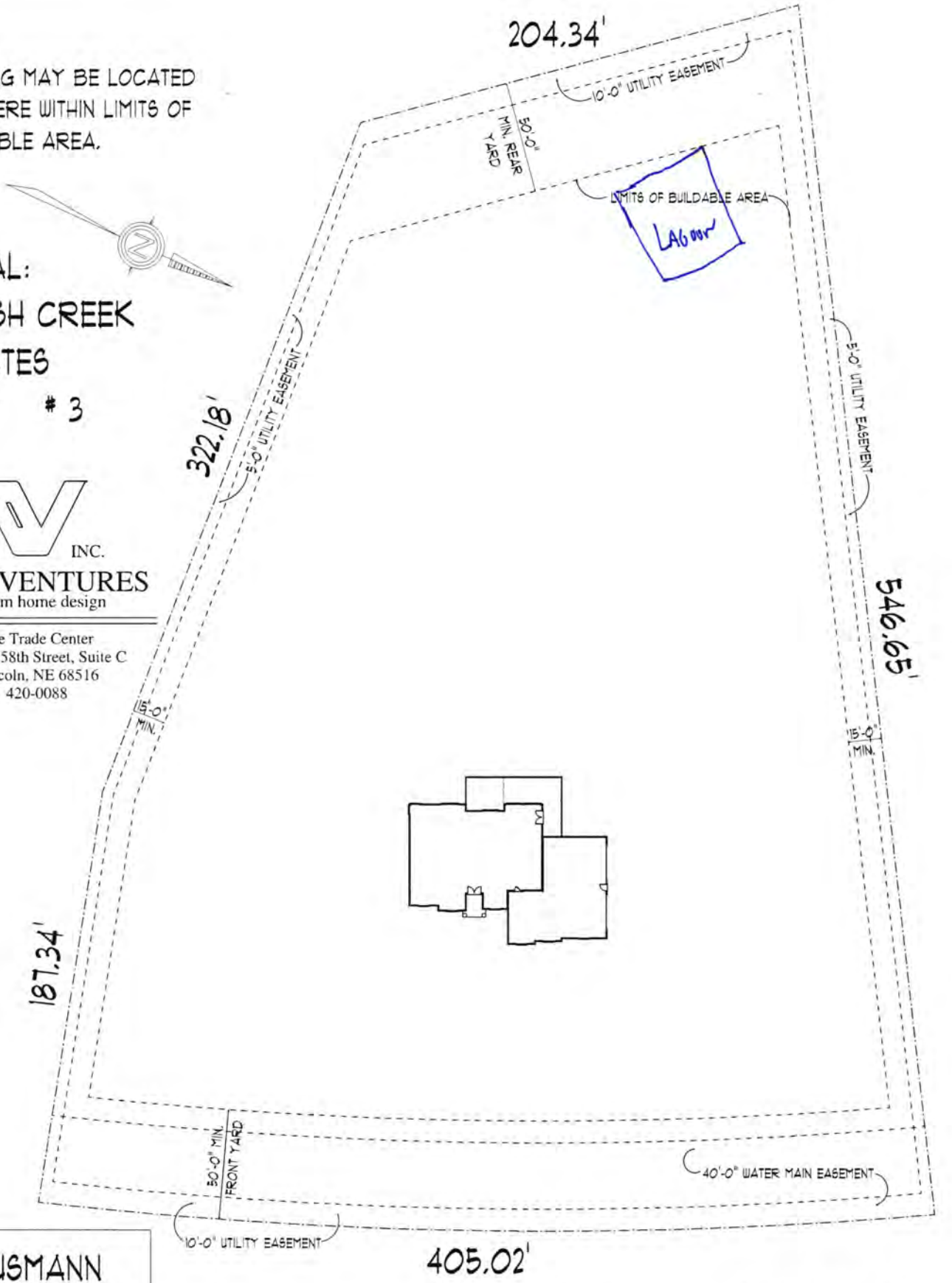


NOTE:
BUILDING MAY BE LOCATED ANYWHERE WITHIN LIMITS OF BUILDABLE AREA.

LEGAL:
BRUSH CREEK ESTATES
LOT # 3

INC.
NEW VENTURES
Custom home design

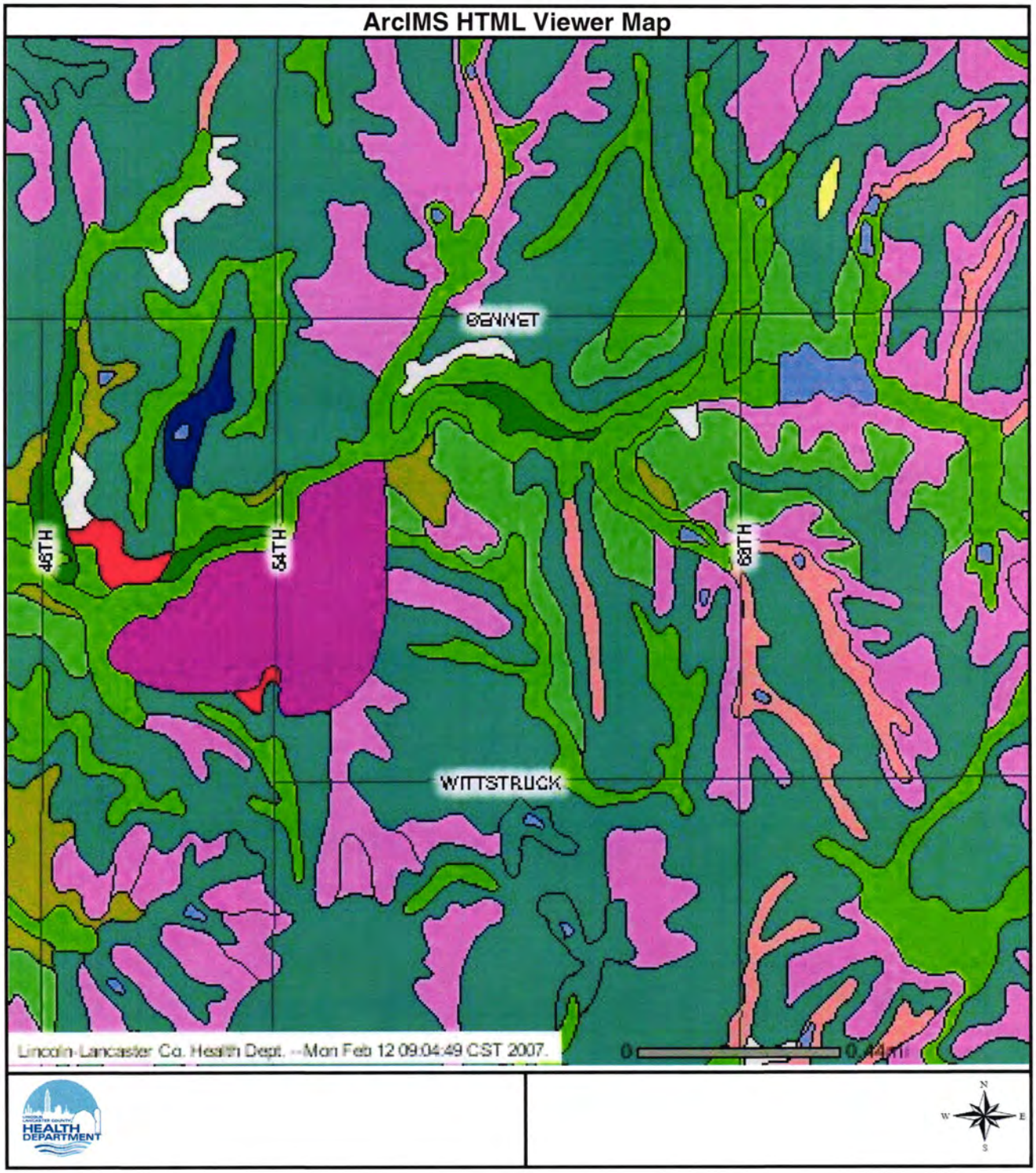
The Trade Center
6031 S. 58th Street, Suite C
Lincoln, NE 68516
420-0088



HAUSMANN CONSTRUCTION
NV35006

- BRUSH CREEK PLACE -

PLOT PLAN
SCALE: 1" = 60'-0"

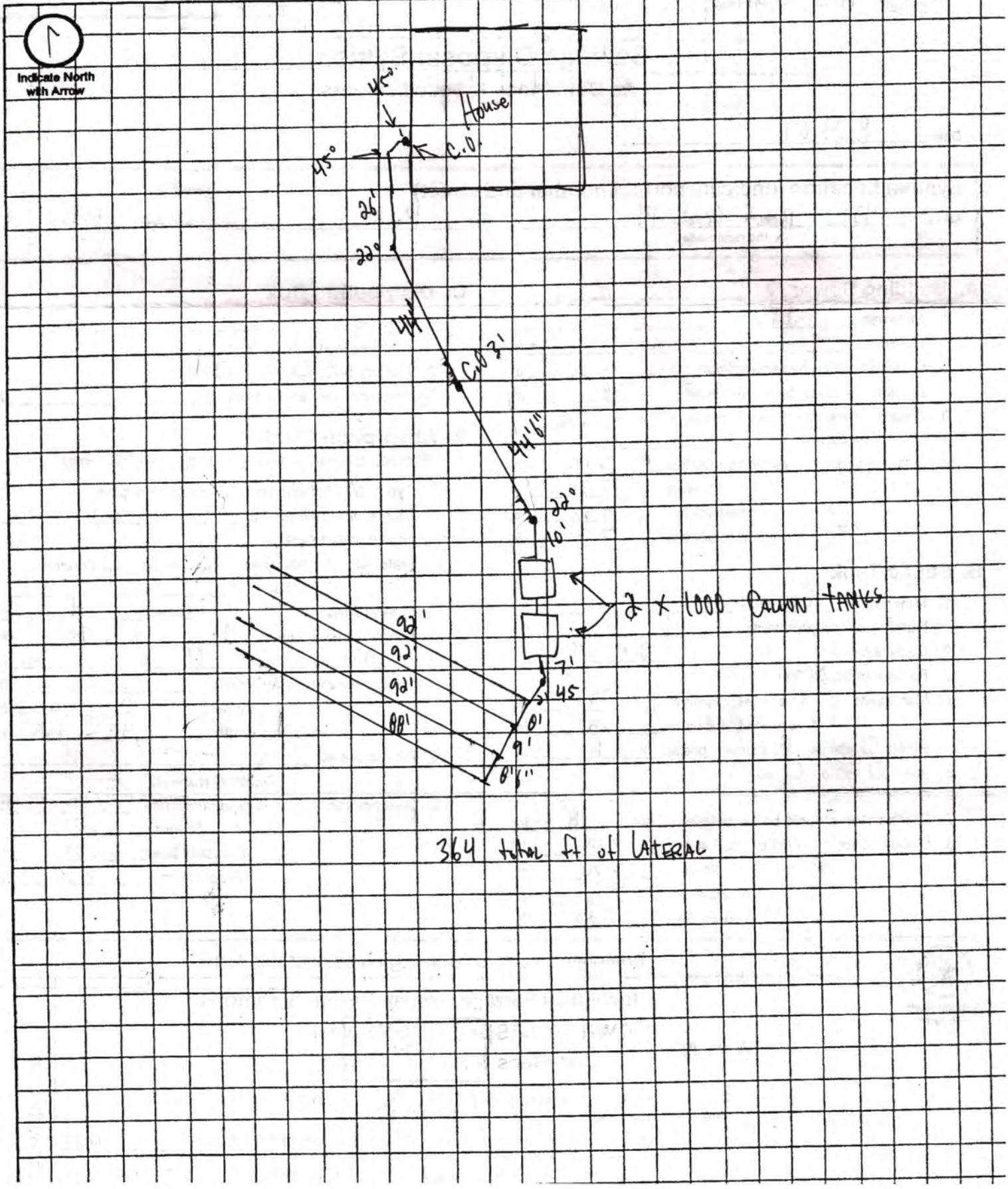

ArcIMS HTML Viewer Map
BENNET
WITTSTRUCK
46TH
54TH
68TH
Lincoln-Lancaster Co. Health Dept. --Mon Feb 12 09:04:49 CST 2007.
0
0.44mi
HEALTH DEPARTMENT
N
W
E
S

Brush Creek
Lot 3

All Setbacks Met

Rural Water

As Built Drawing



364 total ft of Lateral