**Lincoln-Lancaster County Health Department**
**Environmental Public Health Division (402) 441-8027**
**3140 N Street Lincoln, NE 68510-1514**

**ON-SITE WASTE WATER SYSTEM**
**CONSTRUCTION - INSTALLATION PERMIT**

**No. HS000008**

| | |
|---|---|
| **System Type:** | NONSTAND |
| **Situs:** | No Situs |
| **Legal Description:** | T09N-R08E-S18-2-Lot 3 |
| **Owner:** | MARK GUBBLES<br>3500 S 79 ST<br>LINCOLN NE<br>68506 |

| | |
|---|---|
| Permit Fee: | $420.00 |
| Variance Fee: | $0.00 |
| Extension Fee: | $0.00 |
| Total Fees: | $420.00 |
| Issued: | 03/25/2008 |
| Expires: | 03/25/2009 |

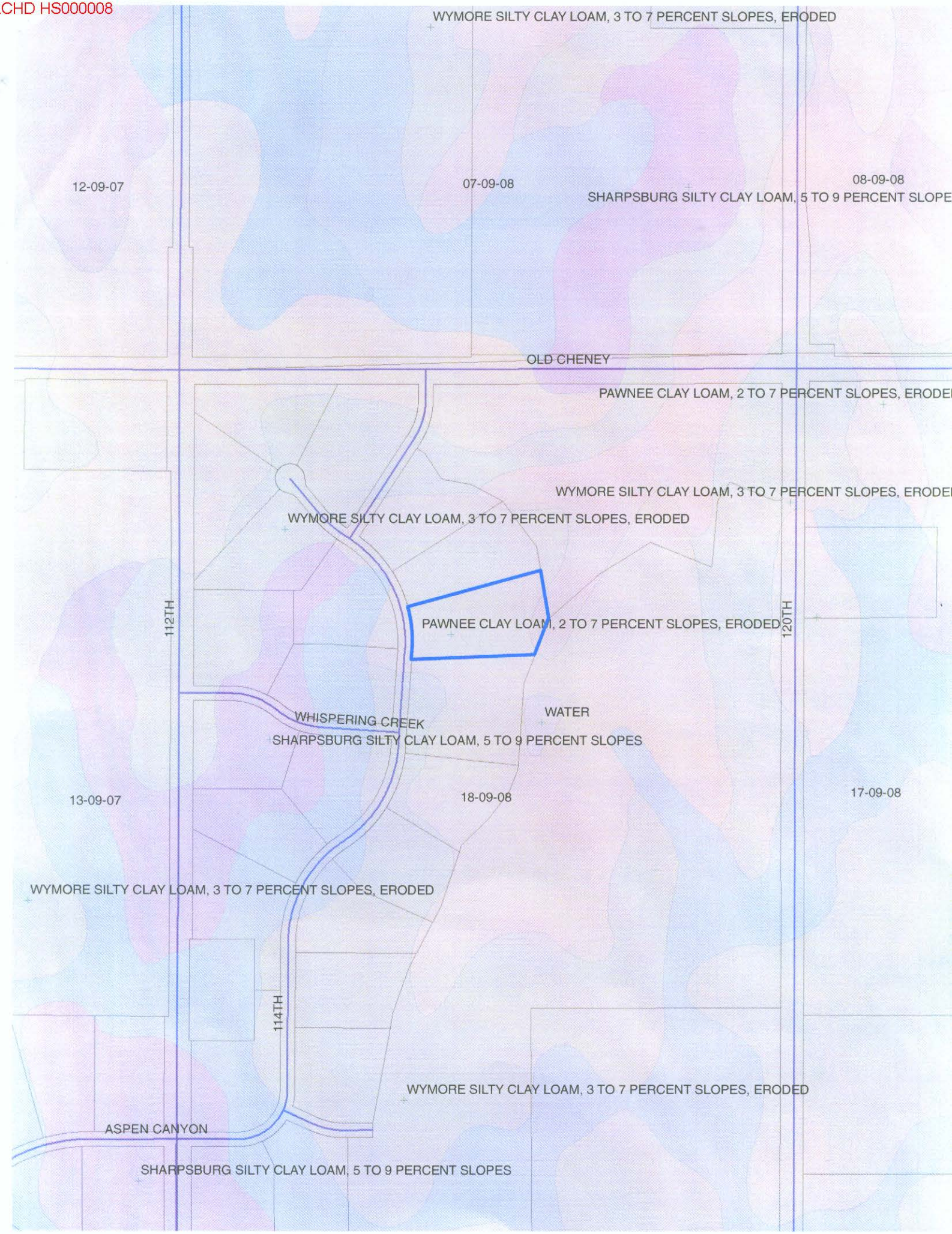
Bruce D. Dart, PhD, Health Director

On-site Waste System Permit Holder:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Bruce D. Dart, PhD
Health Director

LLCHD HS000008




9-10-2007 12:12:25

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

**A**

Permit Number
HS000008

# Onsite Wastewater Treatment System
# Request for Site Clearance and Permit

**Include Form B and C. Submit correct fee with this Application**

3 acres or more required for: ☐ Septic System ☐ Lagoon ☑ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

3.5 acres

**PLEASE PRINT OR TYPE**

## A. Onsite System Location

Address _____ City Lincoln NE, NE Zip _____
(no rural route)

Legal Description 18 9 8 Whispering Creek 1st #2 #3
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Longitude: _____ Latitude: _____

☐ Check if system mail address is not the same as the owner's address Total Acres: 3.0

## B. Owner

Name Mark Gubbels Signature Mark Gubbels

Address 3500 So 79th City/State/Zip Lincoln NE

☐ Check if owner designed system Home Phone 570 5809 Work Phone _____

## C. Contractor

Name: Pride Homes Company Name Matt Kleinschmit

Address 1544 So 1st City/State/Zip 1544 So 1st

☐ Check if contractor designed system Work Phone 434 3220

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

Designer Name Brad Southwick Firm Southwick Sewer Work Phone 430 7606

## 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 Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

***DO NOT WRITE BELOW THIS LINE***

**Approval Process** ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

**1. Health Department**
Site visits _____
Date rec'd 2/21/08
Date frwd 2/27/08
ACTION ☑ Approved ☐ Disapproved
Signature _____

**2. Supt. Bldg. Insp. or Village Clerk**
Comments _____
Date rec'd 9/10/07
Date frwd 9/10/07
ACTION ☐ Approved ☐ Disapproved
Signature _____

**3. City or County Engineer**
Comments _____
Date rec'd 9-10-07
Date frwd 9-10-07
ACTION ☑ Approved ☐ Disapproved
Signature Jim Blazek

**Installation Final Written Approval**
By _____
Date 3/28/08

**Business Office Use Only**
Date Received 3/5/08 Amount Paid 130.00
Received By JR Cash/Check No. 15171

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 5-07

Old Fee approved NP

130.00

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

**A**

Permit Number
HS 000008

# Onsite Wastewater Treatment System
# Request for Site Clearance and Permit

**Include Form B and C. Submit correct fee with this Application**

3 acres or more required for: ☐ Septic System ☐ Lagoon ☑ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

3.5 acres

**PLEASE PRINT OR TYPE**

## A. Onsite System Location

Address _____ (no rural route) City Lincoln NE, NE Zip _____

Legal Description 18 (1/4) 9 (1/4) 8 (Section) Whispering Creek (Township) 1st (Range) #2 (Subdivison) #3 (Addition) _____ (Block) _____ (Lot)

Geographical Location (if known): Longitude: _____ Latitude: _____

☐ Check if system mail address is not the same as the owner's address Total Acres: 30

## B. Owner

Name Mark Gubbels Signature Mark Gubbels

Address 3500 So 79th City/State/Zip Lincoln NE

☐ Check if owner designed system Home Phone 570 5809 Work Phone _____

## C. Contractor

Name: Pride Homes Company Name M & H Kleinschmit

Address 1544 So 1st City/State/Zip 1544 So 1st

☐ Check if contractor designed system Work Phone 434 3220

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

Designer Name Brad Southwick Firm Southwick Sewer Work Phone 430 7606

## 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 Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

***DO NOT WRITE BELOW THIS LINE***

**Approval Process** ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

**1. Health Department**
Site visits _____
Date rec'd 2/21/08
Date frwd 2/21/08
ACTION ☑ Approved ☐ Disapproved
Signature _____

**2. Supt. Bldg. Insp. or Village Clerk**
Comments _____
Date rec'd 9/10/07
Date frwd 9/10/07
ACTION ☐ Approved ☐ Disapproved
Signature _____

**3. City or County Engineer**
Comments _____
Date rec'd 9-10-07
Date frwd 9-10-07
ACTION ☑ Approved ☐ Disapproved
Signature Jim Blazek

Site Visit - 3 lots 2/21/08 Site Visit - one lot 3/28/08

**Installation Final Written Approval**
By [redacted] Doug Ahrens
Date 4/7/08

*Old Fees approved NTP

**Business Office Use Only**
Date Received 3/5/08 Amount Paid 130.00
Received By JRC Cash/Check No. 15171

130.00 N. Hoover

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 5-07

# Nebraska Department of Environmental Quality

## *Operating Permit No. 07OWT038*

*is hereby issued to*

## *Mark Gubbels*

*Based upon the completion of construction in compliance with Construction Permit No. 07OWT038 for the*

### *On-site Wastewater Treatment System*

*located at*

*5880 South 114th, Lincoln NE*
*Whispering Creek, Block 2, Lot 3*
*NE ¼, NW ¼, Fractional Sec. 18, T19, R8E*
*Lancaster County*

*Pursuant to a Delegation Memorandum dated January 12, 1999, and signed by the Director, the undersigned hereby executes this document on behalf of the Director.*

*Signed* 5/23/08

Patrick W. Rice

*Patrick W. Rice, Assistant Director*

*Suite 400, The Atrium, 1200 "N" Street, P. O. Box 98922, Lincoln, Nebraska, 68509-8922*
*Phone (402) 471-2186, Fax (402) 471-2909, e-mail Pubinfo@mail.deq.state.ne.us*

# Nebraska Department of Environmental Quality

## *Construction Permit No. 07OWT038*

*is hereby issued to*

## *Mark Gubbels*

*for the*

*On-site Wastewater Treatment System*

*located at*

*5880 South 114th, Lincoln, NE 68526*
*Whispering Creek, Block 2, Lot 3*
*NE ¼, NW ¼, Sec. 18, T19, R8 E*
*Lancaster County*

*Pursuant to a Delegation Memorandum dated January 12, 1999, and signed by the Director, the undersigned hereby executes this document on behalf of the Director.*

*Signed* 1/8/08

Patrick W. Rice

*Patrick W. Rice, Assistant Director*

*Suite 400, The Atrium, 1200 "N" Street, P. O. Box 98922, Lincoln, Nebraska, 68509-8922*
*Phone (402) 471-2186, Fax (402) 471-2909, e-mail Pubinfo@mail.deq.state.ne.us*

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

Lot 3
Whispering Pines

### System Location (Indicate correct number and street)

Address _____ City Lincoln NE, Zip 68526
(no rural route)

Owner Pride Homes Addresss 1544 S. 1st Lincoln 68512

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

Date of Tests 8/15 to 8/16/02 Weather: Precipitation .25" Temperature 80-90

## 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 | 32 | 8/15 | 3:30 PM | 8/16 | 9:30 AM | 8/16 | 1:55 PM | 29 | 8/16 | 1:55 PM | 30 | 3/4 | 40 |
| 2 | | | | | | | | 27 7/8 | | | | 3/4 | 40 |
| 3 | | | | | | | | 24 7/8 | | | | 1/2 | 60 |
| 4 | | | | | | | | 28 5/8 | | | | 5/8 | 48 |
| 5 | | | | | | | | 26 | | | | 5/8 | 48 |
| 6 | | | | | | | | 26 1/8 | | | | 1/2 | 60 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

### Person Conducting Percolation Tests

Name: Brad Hutton #11784 0148
Phone: 430-7606
Address P.O. Box 191 105 Locust St.
Hickman, Ne 68372

Sum of Percolation Rates: 296
Average of Rates: 50
Rate Used for Calculation: 50

Acceptable for Septic System

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

D

Permit Number:

# Sewage Disposal System

## As Built Plans & Specifications

GPS
N 40° 45.182'
W 96° 33.816

Date 8 July 08 Vishal Khanna

**System Location (Indicate correct number and street)**

Address 5830 SOUTH 114TH ST. City LINCOLN NE, Zip 68526
(no rural route)

### A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 45 in.
3. Distance between dwelling and septic tank: 200 ft.
4. Number of clean-outs: 4
5. Distances to: well or suction line 120 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: 1750 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter NA in.
   Over outlet, diameter 16 in.
   Riser: ☒ above ☐ below grade 12 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 6 in.
8. Distances to: Well or suction line 170 ft.
   Stream OVER 200 ft.
   Pressure line NA ft.
   Property line OVER 100 ft.

### C. Distribution Box

1. Material: _____
   Number available outlets: _____
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 64 & 70 ft.

### D. Absorption Field

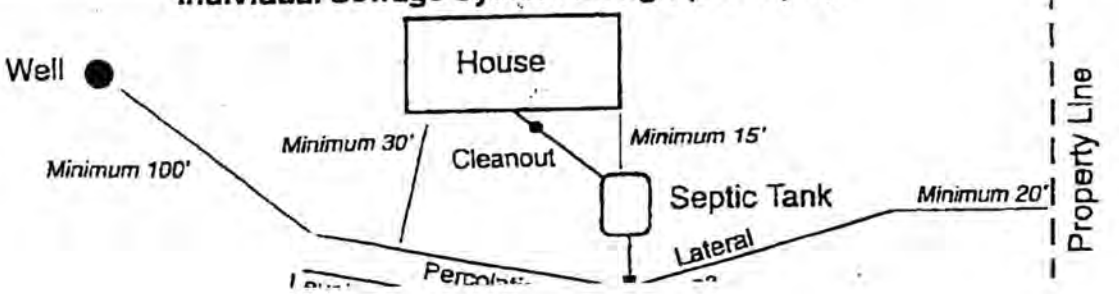
*(Provide as-built drawings on back of this form)*

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other INFILTRATORS 7 25X75
2. Lateral lines: Number _____
   Length of each line: 100 ft. 100 ft.
   100 ft. 100 ft. 100 ft.
3. Trench dimensions: Width 5 ft.
   Slope 0 in/100 ft.
   Average depth 24 in
4. Filter material: MASON SAND
   Depth of material 18 in.
5. Distances to: Well or suction line NA 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

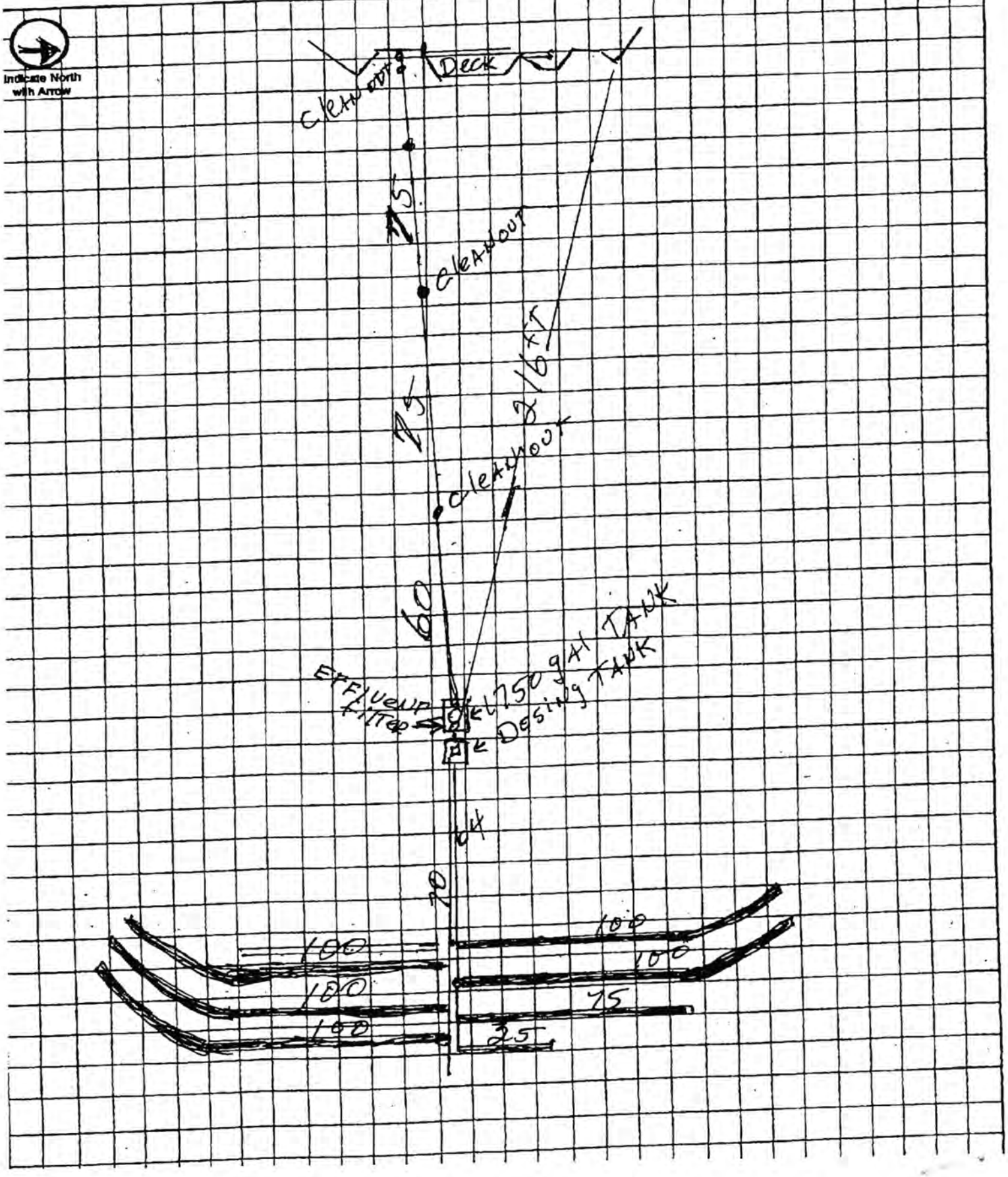
**Individual Sewage System Design (Example)**




Jul 08 08 08:18a Gagner Construction 1 402 797 7475 p.2

# As Built Drawing

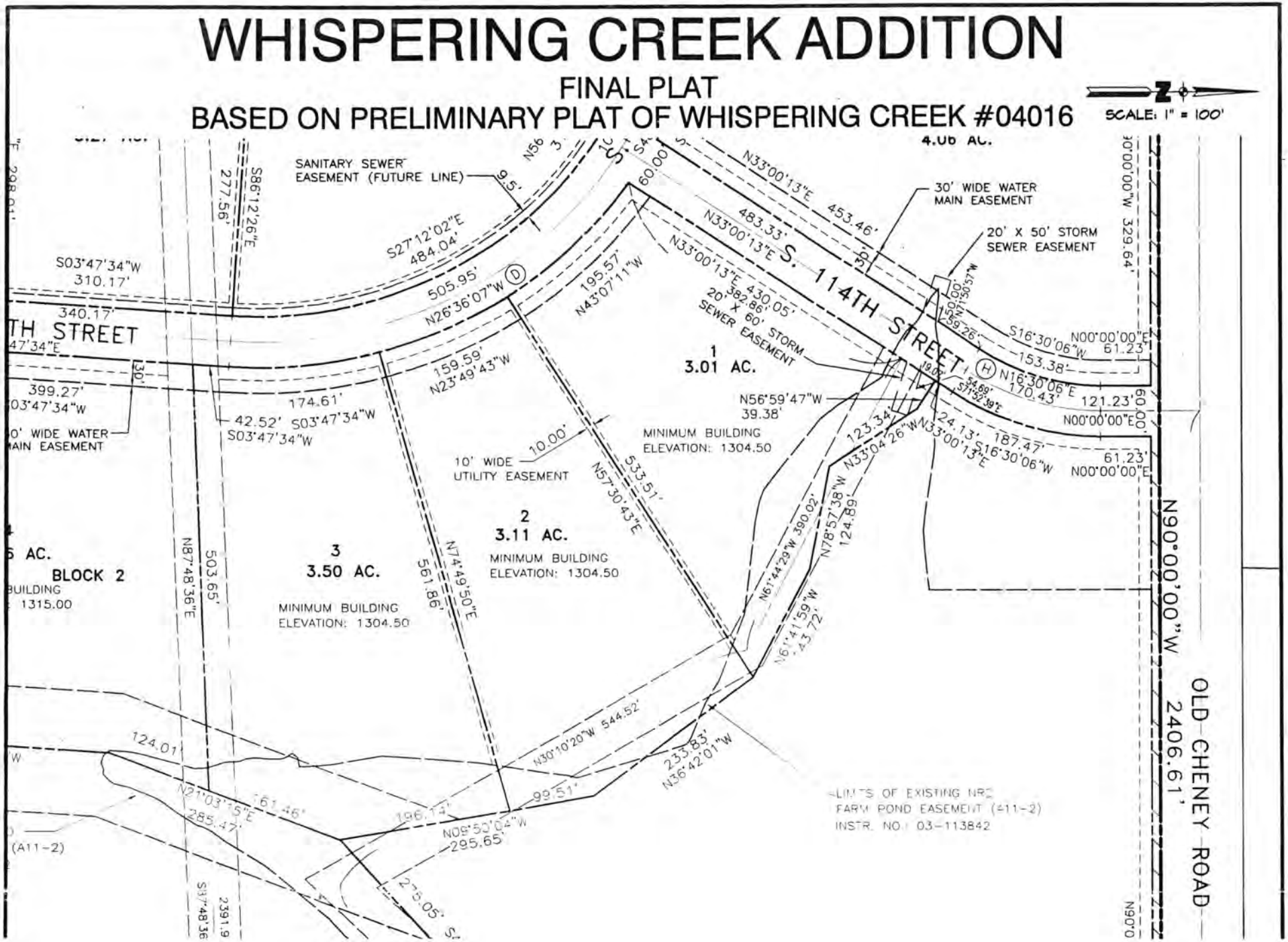
Vishal Khanna 5830 So. 114th

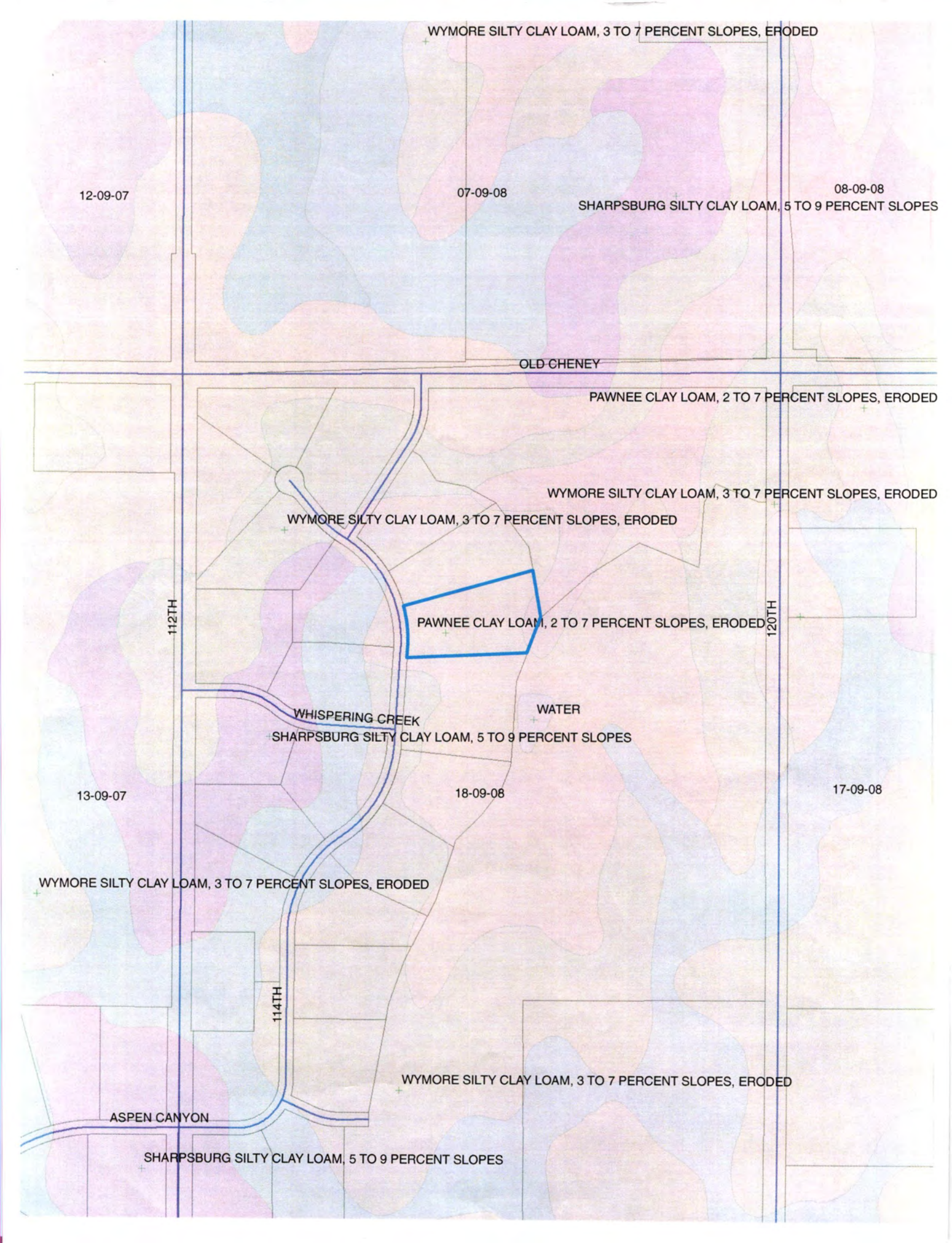


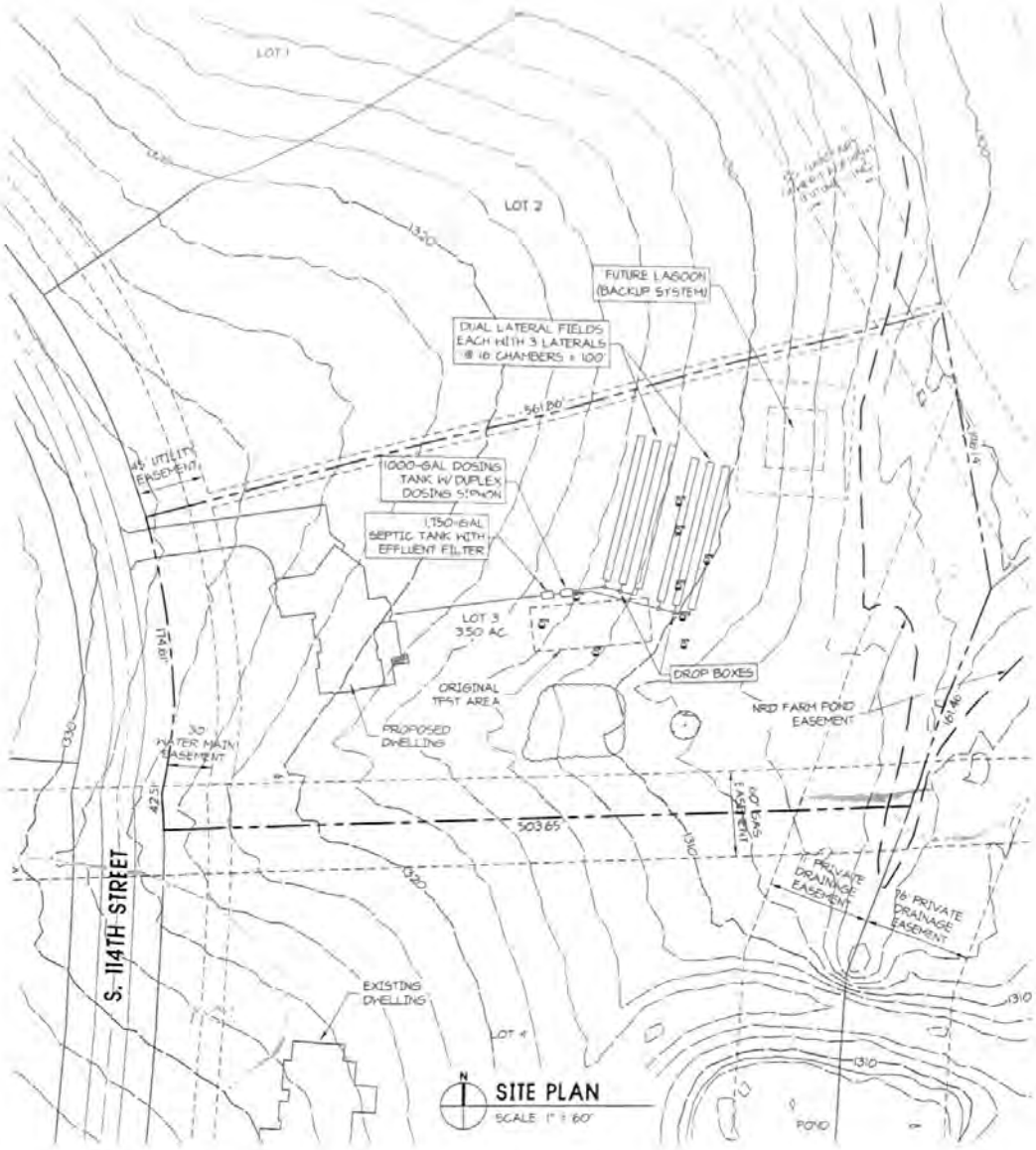
# WHISPERING CREEK ADDITION

## FINAL PLAT

## BASED ON PRELIMINARY PLAT OF WHISPERING CREEK #04016




WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
12-09-07
07-09-08
08-09-08
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
OLD CHENEY
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
112TH
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
120TH
WATER
WHISPERING CREEK
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
13-09-07
18-09-08
17-09-08
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
114TH
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
ASPEN CANYON
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES




SITE PLAN
SCALE 1" = 60'

## DIAL BEFORE YOU DIG

DIAL BEFORE YOU DIG, CALL 1-800-331-5666 FOR LOCATION OF UNDERGROUND TRENCHING FOR GAS, ELECTRIC, CABLE TELEVISION AND OTHER UTILITIES.

## LEGAL DESCRIPTION:

LOT 3 BLOCK 2
WHISPERING CREEK ADDITION

& 1/2 FRACTIONAL SEC. 18 7N R8E
LANCASTER COUNTY, NEBRASKA

Pollution Control Project
07OUT038
APPROVED
DEQ
JAN 08 2008

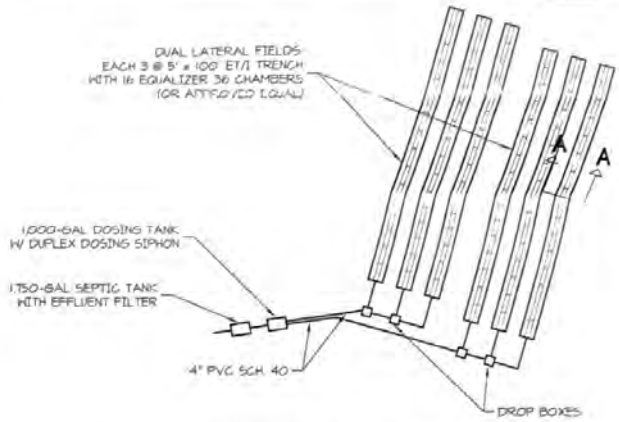
## GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO TITLE 124 - RULES AND REGULATIONS FOR THE DESIGN, OPERATIONS AND MAINTENANCE OF ON-SITE WASTEWATER TREATMENT SYSTEMS
2. THE ON-SITE WASTEWATER TREATMENT SYSTEM SHALL BE INSTALLED BY A CERTIFIED ON-SITE WASTEWATER PROFESSIONAL.
3. IT MAY BE NECESSARY TO ADJUST THE ORIENTATION OF THE LATERALS SO THAT THE MINIMUM (1.5FT.) AND THE MAXIMUM (3.0FT.) DEPTHS ARE NOT EXCEEDED.
4. 100-150' LONG LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "NDEQ TITLE 124 - 14.002"
5. IT IS RECOMMENDED THAT A WATER METER BE INSTALLED ON THE WATER SUPPLY LINE SO THAT THE OWNER CAN MONITOR WATER USAGE AND ENSURE THAT NO MORE THAN 600 GALLONS PER DAY IS BEING USED.

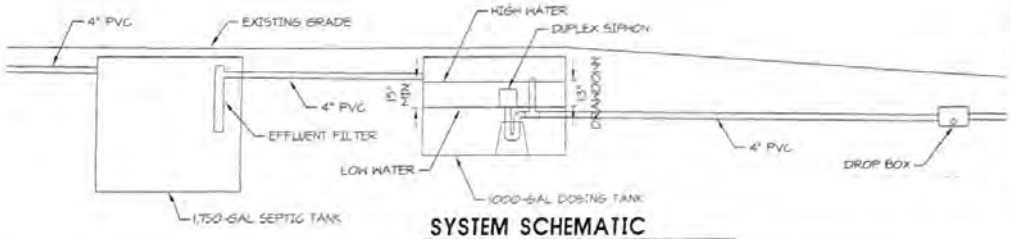



VICINITY MAP
NOT TO SCALE

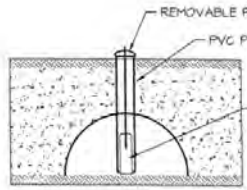
PROFESSIONAL CIVIL ENGINEER
JEREMY WILLIAMS
E-10521
STATE OF NEBRASKA
12/10/07



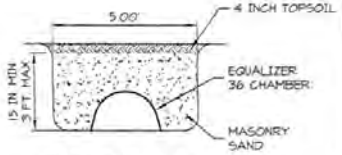

EVAPOTRANSPIRATION/ INFILTRATION TRENCH PLAN
NOT TO SCALE




SYSTEM SCHEMATIC
NO SCALE




HIGH WATER INDICATOR
NO SCALE
(REQUIRED ON END OF EACH LATERAL)




SECTION A-A
NO SCALE
1000-GAL DOSING TANK

10 DEC 2007

# 5880 SOUTH 114TH STREET
ON-SITE WASTEWATER TREATMENT SYSTEM
LINCOLN, NEBRASKA

Design Associates
of Lincoln, Inc.
ENGINEERS • PLANNERS
PERSHING SQUARE | 1248 "O" STREET | LINCOLN, NEBRASKA 68508
voice 402.474.2000 | www.designassociates.com | fax 402.474.8943

1 OF 1