Application to Alter, Extend or Repair an Onsite Wastewater Treatment System

☐ Municipal Code 24.38 ☐ County Resolution Number 02-30

JUN 2 0 2008

The undersigned hereby applies for a permit to: ☐ **ALTER** ☐ **EXTEND** ☐ **REPAIR** an existing wastewater treatment system, complying with appropriate Ordinance or Resolution, as marked above with drawings attached.

1. **Legal description of property:**
   Township Denton Range ____ 1/4 ____ 1/4 ____ Section ____
   Block 1 Lot 2 Addition Timberline Estates First Addition
   Parcel ID 03-13-401 -002 -000 (i.e. 99-99-999-999-999)
   Street Address (no rural route) 5700 Pine Creek CR. Owner Doug Nissen
2. **Property use:** ☒ residential ☐ commercial ☐ other use
   Number of bedrooms 4 Describe ____
3. **Type of Present Individual Disposal System** ☒ septic system ☐ lagoon ☐ other
4. **Description of proposed alteration, extension or repair**
   Extend Laterals
5. **Work to be done by:** ☐ owner ☒ contractor's name Dirt Works Plus, Inc
6. **Estimated project:** a. Repair, replace, or minor extension with a cost less than $400 (no fee required).
   b. Total cost is greater than $400 (Return fee with this application)
   c. A permit is required if the use, operation, location, or type of system is changed.

Print Name Patrick Stephenson Address DWP 6667 NW48 Stel Phone: 402-890-6388

Applicant Signature (owner or lessee) Pat Stephenson

Please include the permit fee ($170) with this application
Fee must be included before the application will be processed. Incomplete information will delay processing

---

HEALTH DEPARTMENT USE ONLY

Date received ____/____/____ REVIEW: ☐ Approved ☐ Disapproved By: ____

Site visits
Date ____/____/____ By ____
Date ____/____/____ By ____
Date ____/____/____ By ____

Installation final written approval
Date ____/____/____ By ____

Return application to:
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street, Lincoln, NE 68510
Phone: 441-8022

JUN 2 0 2008

6/20/08
CK #10243
$170.00 DGL

Business Office Use Only
Received: Date: 6/20/08 Amount 170 Check No. 10243 Initials ____
HS000118

White - Division Copy Pink - Business Office Revised 9-07

TOTAL P.01

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

ON-SITE WASTE WATER SYSTEM
REPAIR PERMIT

System Type: STANDARD

No. HS000118

Situs: 5700 PINE CREEK CIR RUR

Permit Fee: $170.00

Legal Description: T09N-R05E-S13-1-Lot 2

Owner:

Total Fees: $170.00

Issued: 06/24/2008
Expires 06/24/2009

Bruce D. Dart, PhD, Health Director

Dear Water Well Permit Holder:

The above document is your permit to repair an existing On-site Waste Water System at the location listed. Please contact this office once repairs are complete to obtain final approval before use.

Bruce D. Dart, PhD
Health Director

DIRT WORKS PLUS
6667 NW 48TH
LINCOLN NE 68524

Application to Alter, Extend or Repair an Onsite Wastewater Treatment System

H5000118

☐ Municipal Code 24.38 ☐ County Resolution Number 02-30

JUN 20 2008

SCANNED

COPY

The undersigned hereby applies for a permit to: ☐ ALTER ☐ EXTEND ☐ REPAIR an existing wastewater treatment system, complying with appropriate Ordinance or Resolution, as marked above with drawings attached.

1. **Legal description of property:**
   Township Denton 9 Range 5 1/4 SW 1/4 ____ Section 13
   Block 1 Lot 2 Addition Timberline Estates First Addition
   Parcel ID 03-13-401 -002 -000 (i.e. 99-99-999-999-999)
   Street Address (no rural route) 5700 Pine Creek CR. owners Doug Nissen

2. **Property use:** ☒ residential ☐ commercial ☐ other use
   Number of bedrooms 4 Describe ____

3. **Type of Present Individual Disposal System** ☒ septic system ☐ lagoon ☐ other

4. **Description of proposed alteration, extension or repair**
   Extend Laterals

5. **Work to be done by:** ☐ owner ☒ contractor's name Dirt Works Plus, Inc

6. **Estimated project:** a. Repair, replace, or minor extension with a cost less than $400 (no fee required).
   (b.) Total cost is greater than $400 (Return fee with this application)
   c. A permit is required if the use, operation, location, or type of system is changed.

Print Name Patrick Stechmyer Dirt Works Plus Address 6667 NW 48 Stel Phone: 402-890-6388

Applicant Signature (owner or lessee) Pat Stechmyer

Please include the permit fee ($170) with this application
Fee must be included before the application will be processed. Incomplete information will delay processing

---

HEALTH DEPARTMENT USE ONLY

Date received ____/____/____ REVIEW: ☑ Approved ☐ Disapproved By: ____

Site visits
Date ____/____/____ By ____
Date ____/____/____ By ____
Date ____/____/____ By ____

Installation final written approval
Date 7/8/08 By ____

JUN 20 2008

Return application to:
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street, Lincoln, NE 68510
Phone: 441-8022

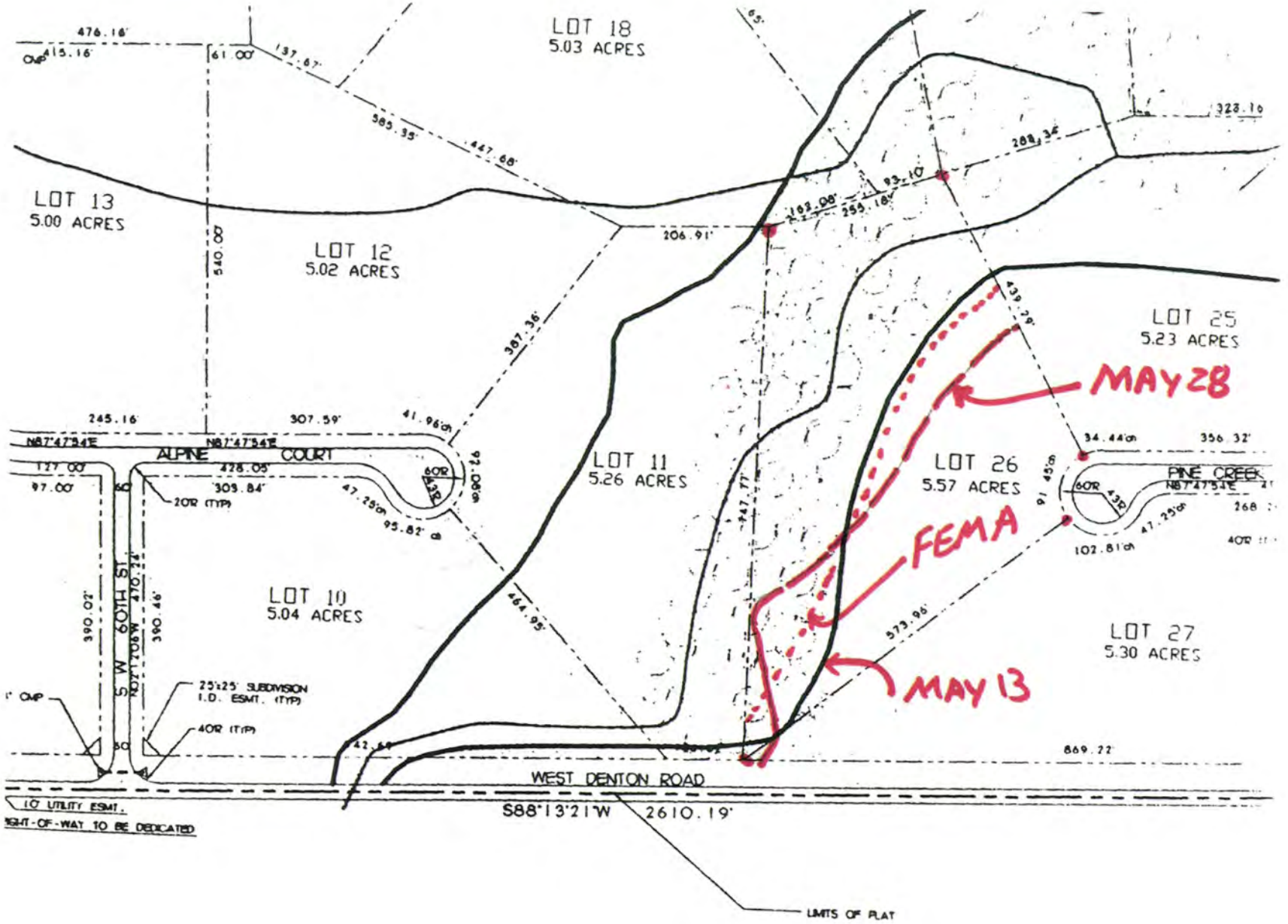
6/20/08
CK #10243
$170.00 DGL

Business Office Use Only

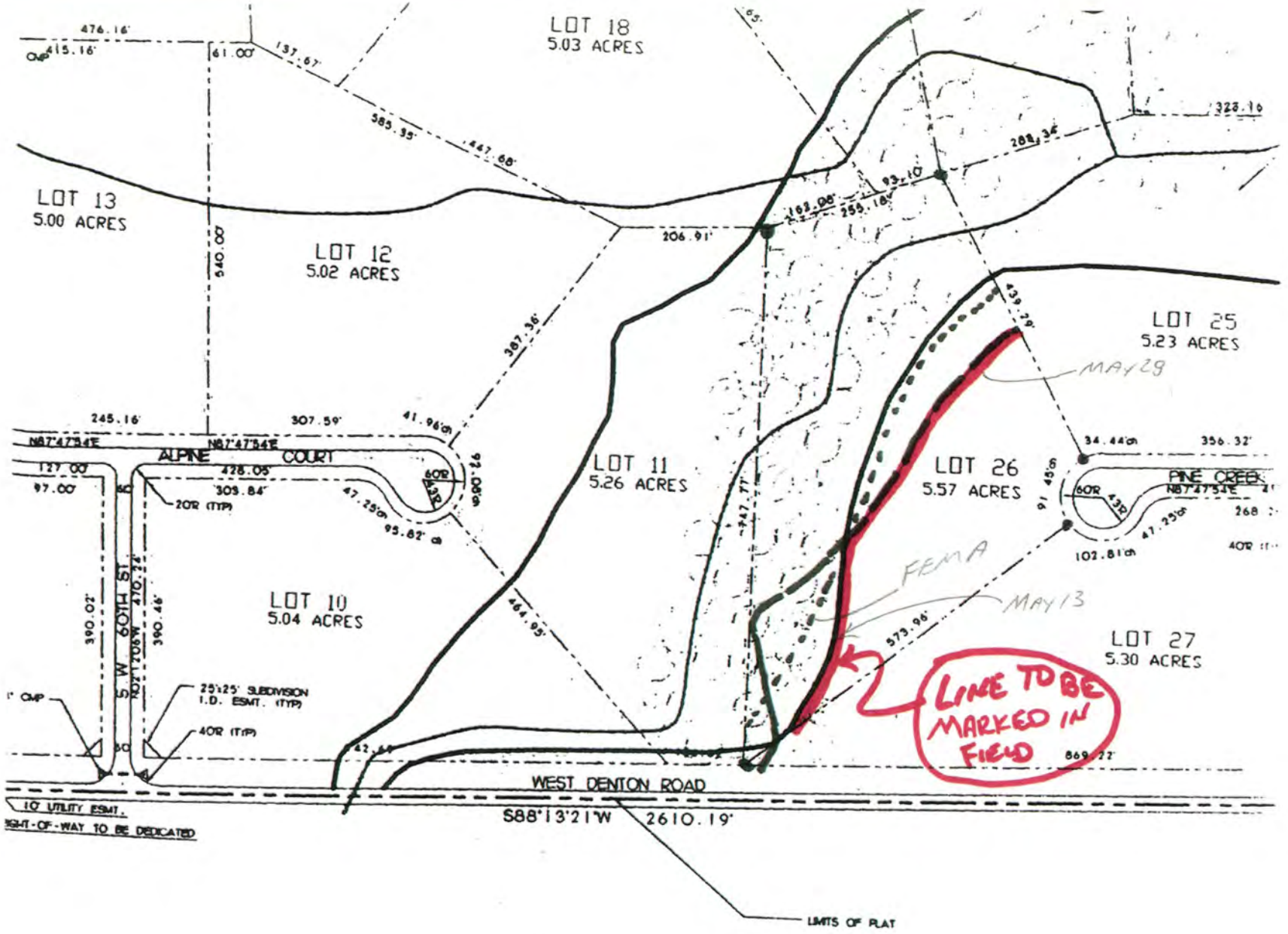
Received: Date: 6/20/08 Amount 170.00 Check No. 10243 Initials DL

White - Division Copy Pink - Business Office Revised 9-07

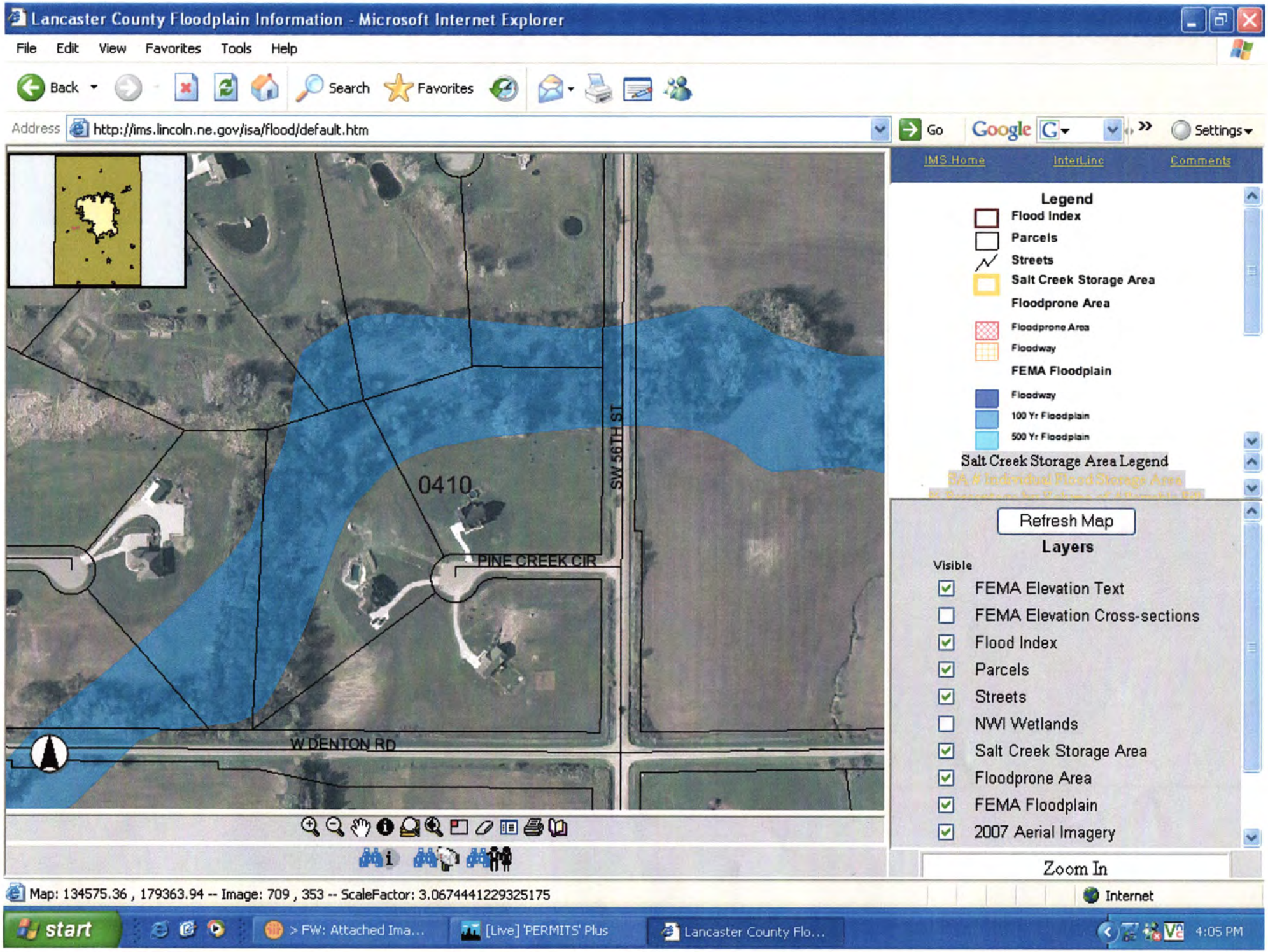
TOTAL P.01


LOT 18
5.03 ACRES
LOT 13
5.00 ACRES
LOT 12
5.02 ACRES
LOT 11
5.26 ACRES
LOT 10
5.04 ACRES
LOT 25
5.23 ACRES
LOT 26
5.57 ACRES
LOT 27
5.30 ACRES
MAY 28
FEMA
MAY 13
ALPINE COURT
PINE CREEK
S W 60TH ST
WEST DENTON ROAD
S88°13'21"W 2610.19'
LIMITS OF PLAT
25'x25' SUBDIVISION I.D. ESMT. (TYP)
40R (TYP)
20R (TYP)
10' UTILITY ESMT.
RIGHT-OF-WAY TO BE DEDICATED

3


LOT 18
5.03 ACRES
LOT 13
5.00 ACRES
LOT 12
5.02 ACRES
LOT 11
5.26 ACRES
LOT 10
5.04 ACRES
LOT 25
5.23 ACRES
LOT 26
5.57 ACRES
LOT 27
5.30 ACRES
ALPINE COURT
PINE CREEK
S 60TH ST
WEST DENTON ROAD
S88°13'21"W 2610.19'
MAY 29
FEMA
MAY 13
LINE TO BE MARKED IN FIELD
LIMITS OF PLAT
10' UTILITY ESMT.
RIGHT-OF-WAY TO BE DEDICATED
25'x25' SUBDIVISION I.D. ESMT. (TYP)
20'R (TYP)
40'R (TYP)
60'R
476.16'
415.16'
61.00'
137.67'
583.35'
447.68'
323.16'
288.34'
93.10'
182.08'
255.18'
206.91'
540.08'
387.36'
439.29'
245.16'
307.59'
41.96'ch
N87°47'54"E
127.00'
97.00'
428.05'
303.84'
47.25'ch
95.82' ch
92.00'
34.44'ch
356.32'
91 45'6
102.81'ch
268
390.02'
390.46'
N01°17'08"W 470.22'
464.93'
747.77'
573.96'
42.66'
869.22'

3


Lancaster County Floodplain Information - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://ims.lincoln.ne.gov/isa/flood/default.htm
Go Google Settings
IMS Home InterLinc Comments
Legend
Flood Index
Parcels
Streets
Salt Creek Storage Area
Floodprone Area
Floodprone Area
Floodway
FEMA Floodplain
Floodway
100 Yr Floodplain
500 Yr Floodplain
Salt Creek Storage Area Legend
0410
SW 56TH ST
PINE CREEK CIR
W DENTON RD
Refresh Map
Layers
Visible
FEMA Elevation Text
FEMA Elevation Cross-sections
Flood Index
Parcels
Streets
NWI Wetlands
Salt Creek Storage Area
Floodprone Area
FEMA Floodplain
2007 Aerial Imagery
Zoom In
Map: 134575.36 , 179363.94 -- Image: 709 , 353 -- ScaleFactor: 3.0674441229325175
Internet
start
> FW: Attached Ima...
[Live] 'PERMITS' Plus
Lancaster County Flo...
4:05 PM
Monday, Jun 30, 2008 04:05 PM

Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

000462

(402) 441-8000

Permit: SEWAGE INSTALLATION
LAGOON

Permit # 03380260501

Issued 03/20/03
Expires 09/20/03
Revenue Code 3157

Establishment:
RICK & LINDA CHRASTIL
T9N R5E SEC 13
TIMBERLINE ESTS-1ST BLK 1 LOT 2
5700 PINE CREEK CIR-DENTON

FEES: $200.00

TOTAL: $200.00

Permittee:
RICK & LINDA CHRASTIL
3611 OAKMONT DR
LINCOLN NE 68526

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: 03380260501

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 5700 PINE CREEK CIR City DENTON NE, Zip
(no rural route)

Legal Description 13 5E 9N AG TIMBERLINE ESTATES 1ST ADD. 1 2
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 Rick & Linda Chastain Signature X Rick Chastain

Address 3611 Oakmont Dr. City/State/Zip Lincoln Ne 68526

☐ Check if owner designed system Home Phone 327-0779 Work Phone 421-7300

C. Contractor

Name Stan Kramer Company Name DIRT WORKS PLUS INC

Address 7324 BALLARD City/State/Zip LNK NE 68507

☑ Check if contractor designed system Work Phone 560 1208

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 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 3/20/03 Date frwd 3/20/03 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 3/20/03 Date frwd ACTION ☐ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 03/20/03 Date frwd ACTION ☒ Approved ☐ Disapproved Signature

Installation Final Written Approval

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

Date NOVEMBER 14, 2003

Business Office Use Only
Date Rec'd 3-20-03
Amt Paid 200.00
Rec'd By TW Cash/Check No. 1089

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

B

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

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 PINE CREEK CT (no rural route) City NE, Zip

Owner RICK CHRASTIL Address

Soil Type (SCS): KENNEBEC SILT LOAM Percolation Rate: min./inch

Date of Tests 7/24/03 to 7/25/03 Weather: Precipitation 0 Temperature 98°

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	29	7/24	12 PM	7/25	12 PM	7/25	12 PM	6	7/25	4 PM	30	1	
2	28	7/24	12 PM	7/25	12 PM	7/25	12 PM	6	7/25	4 PM	30	2	
3	27	7/24	12 PM	7/25	12 PM	7/25	12 PM	6	7/25	4 PM	30	2	
4	29	7/24	12 PM	7/25	12 PM	7/25	12 PM	6	7/25	4 PM	30	1	
5	28	7/24	12 PM	7/25	12 PM	7/25	12 PM	6	7/25	4 PM	30	1	
6	30	7/24	12 PM	7/25	12 PM	7/25	12 PM	6	7/25	4 PM	30	1	

Sum of Percolation Rates:

Average of Rates:

Rate Used for Calculation: 23

Person Conducting Percolation Tests

Name: STAN KROESE

Phone: 560-1208

Address 7324 BALLARD
LNK NE 68507

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks INSTALL IN MOUND OR VERY SHALLOW. HIGH WATER TABLE.

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date JULY 29, 2003

FORM 59-101 10-98

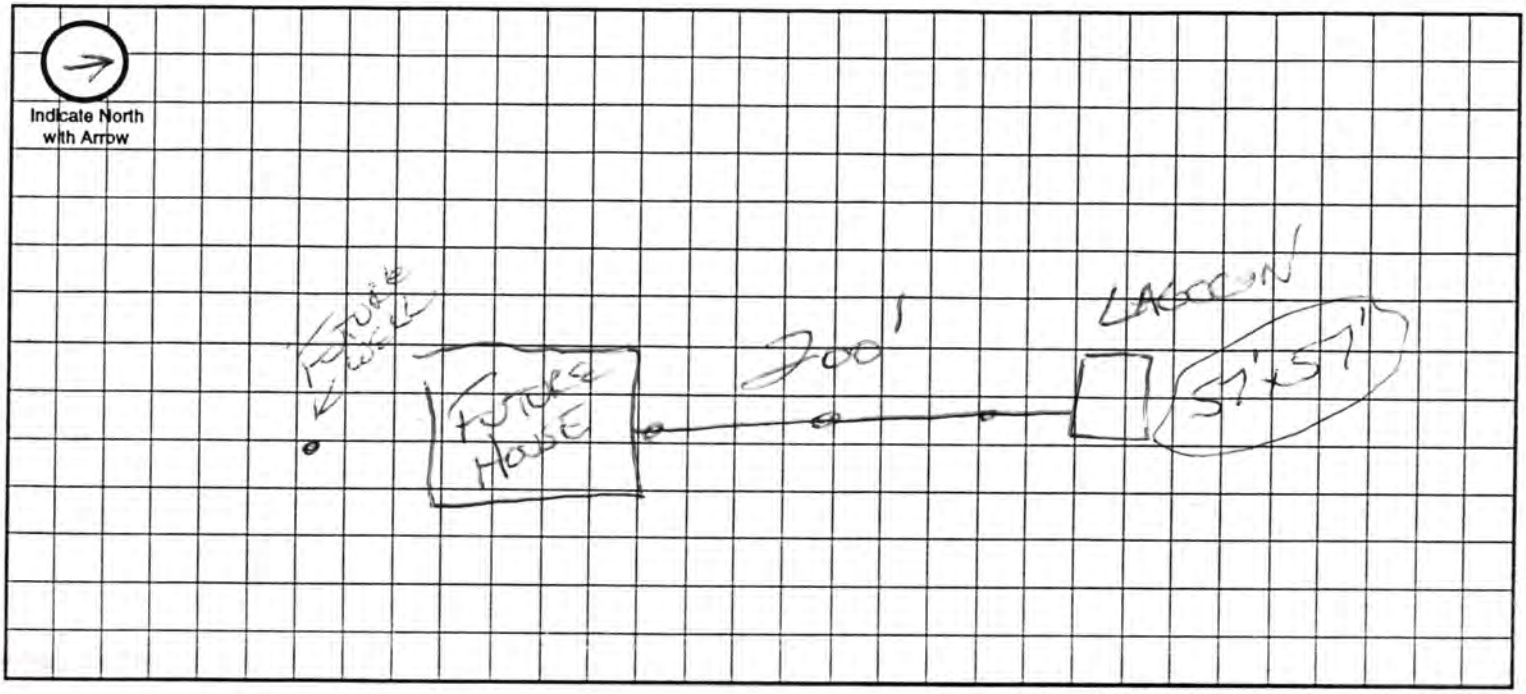
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 03702605

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) 5700 PINE CREEK CIR City DENTON NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 23 (min. per inch) Soil Type: KENNEBEC SILT LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 1000 sq. ft.

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

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

Total Length of Laterals 250 ft. Number of Trenches _____ Trench Width 4'

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 X Kirk A Chaloupka Date 3/20/03

Installer _____ Date 3/20/03

FORM 23-102 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

Date 11/14/03 RICK CHRASTIL

System Location (Indicate correct number and street)

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

A. Building Sewer

1. Material: CLS 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12" in.
3. Distance between dwelling and septic tank: 89 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 40 ft.
   stream 100 ft.
   pressure line 40 ft.
   property line 100 + ft.

B. Septic Tank

1. Material: CONC
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☑ above ☐ below grade 6 in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 4 in.
8. Distances to: Well or suction line 110 ft.
   Stream 110 ft.
   Pressure line 110 ft.
   Property line 100 + ft.

C. Distribution Box

1. Material: CONC
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 13 ft.

D. Absorption Field

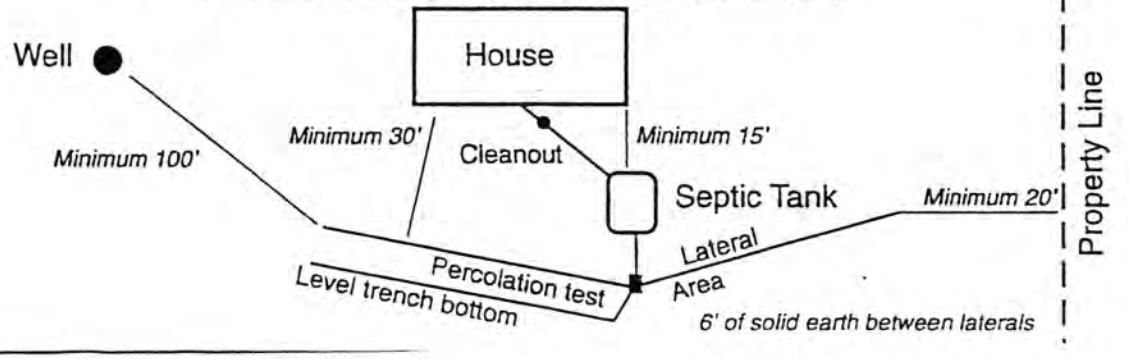
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☑ other INFILTRATOR HI-CAP
2. Lateral lines: Number 2
   Length of each line: 125 ft. 125 ft.
   _____ ft. _____ ft. _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 26 in
4. Filter material: GRAVEL-LESS
   Depth of material NA in.
5. Distances to: Well or suction line 115 ft.
   Stream 150 ft.
   Pressure line 115 ft.
   Property line 100 + ft.

Indicate North with Arrow

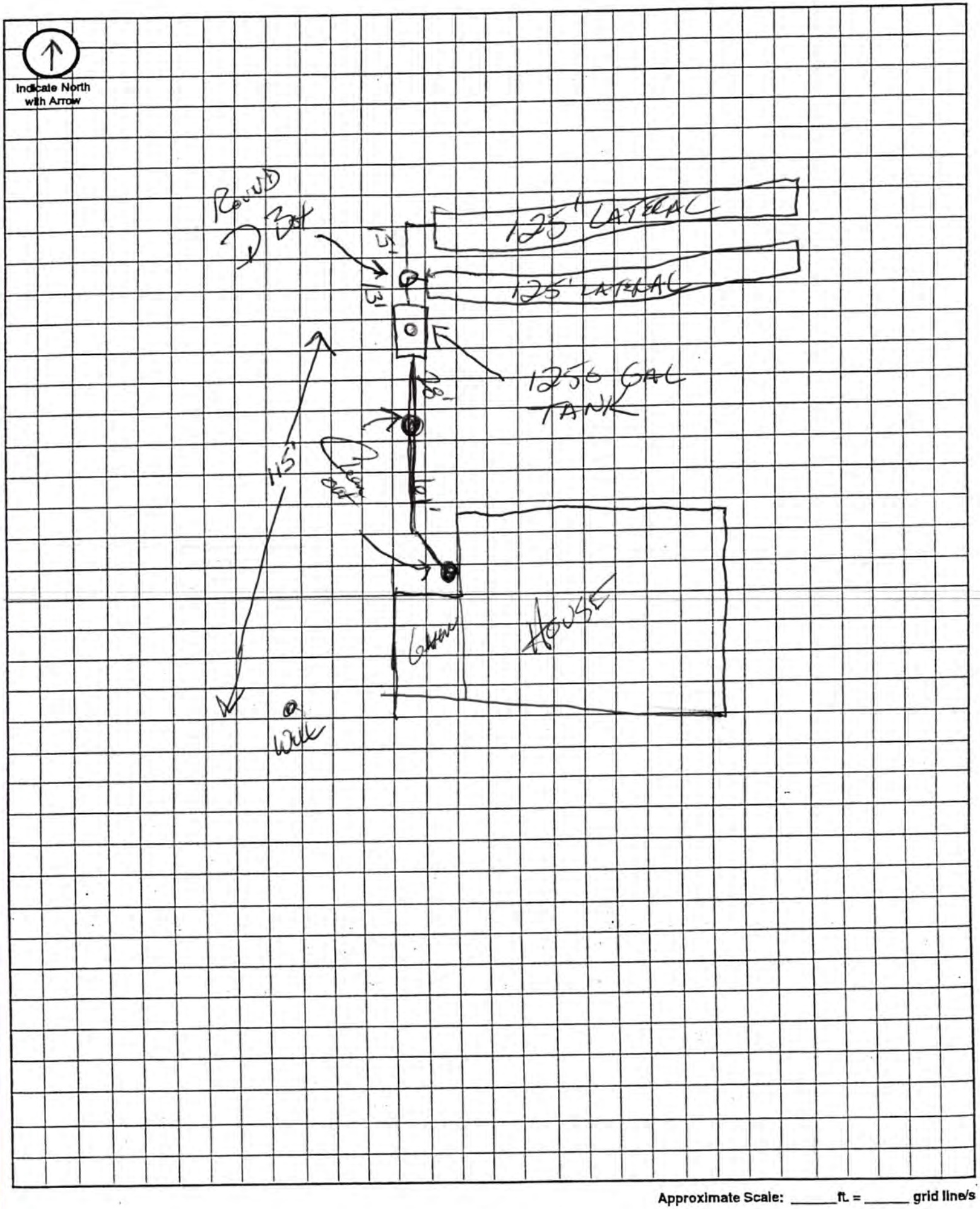
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

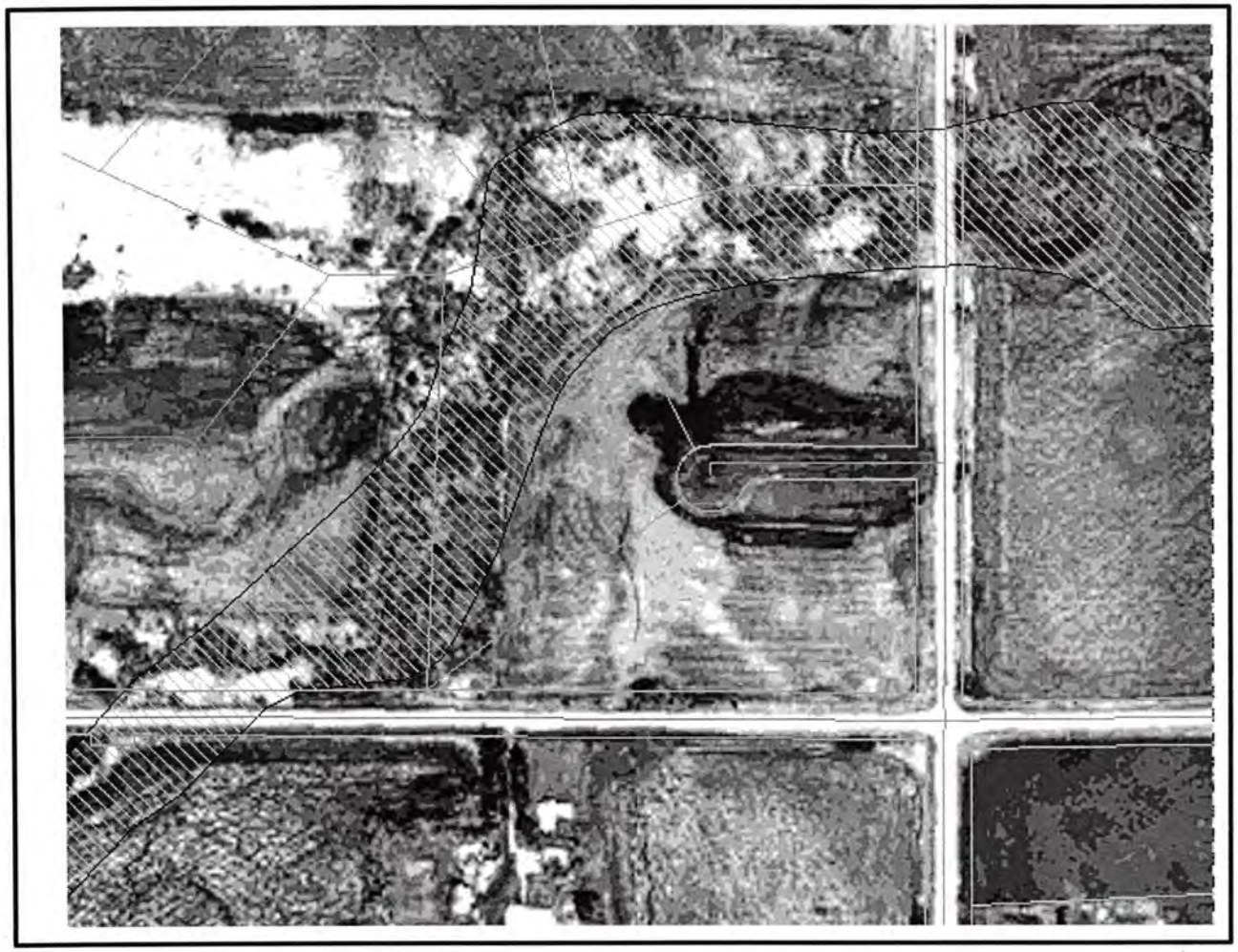
As Built Drawing



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

ESRI ArcExplorer 2.0

5700 Pine Creek Road



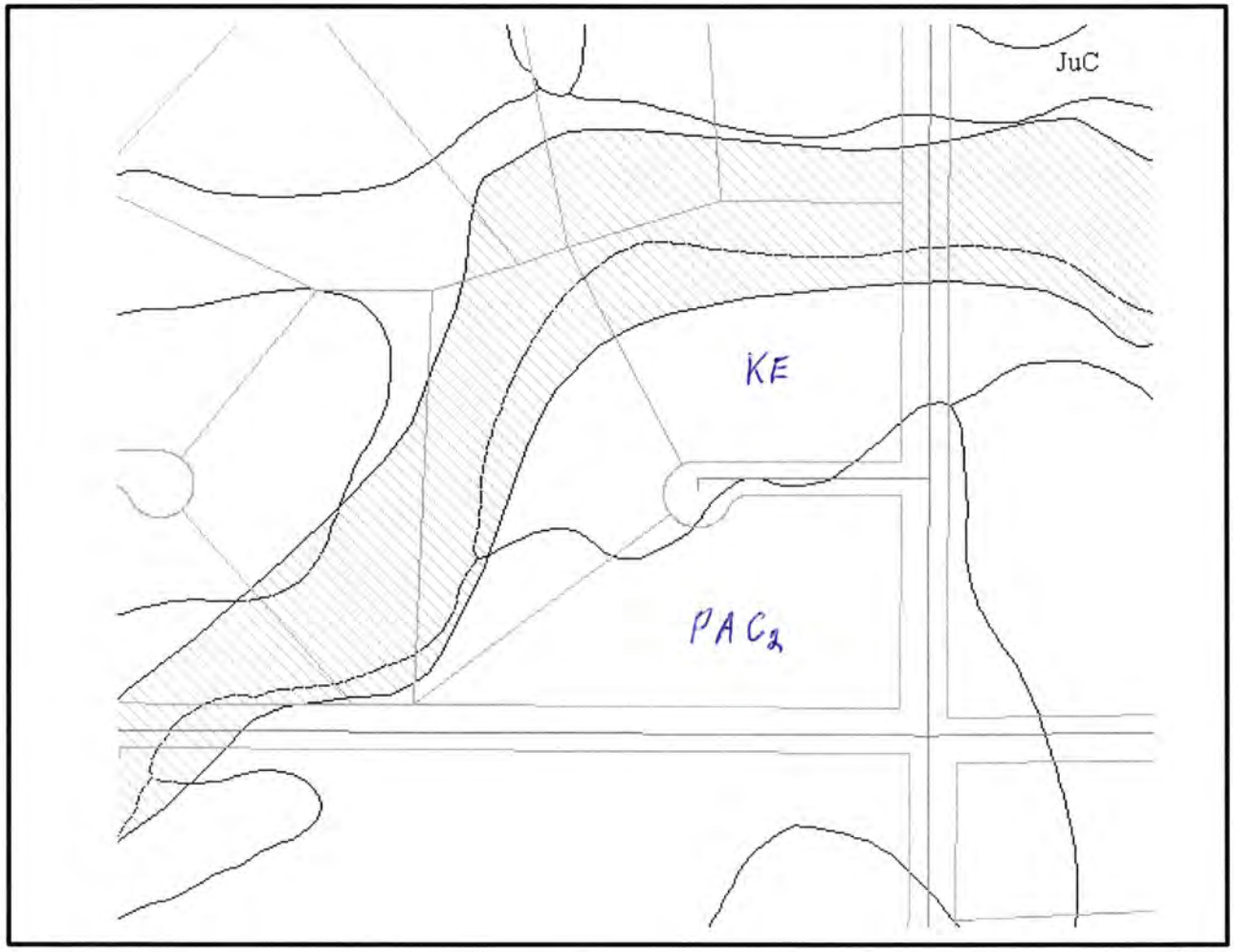
streets
Parcels
flood1

N

Thursday, Mar 20 2003

ESRI ArcExplorer 2.0

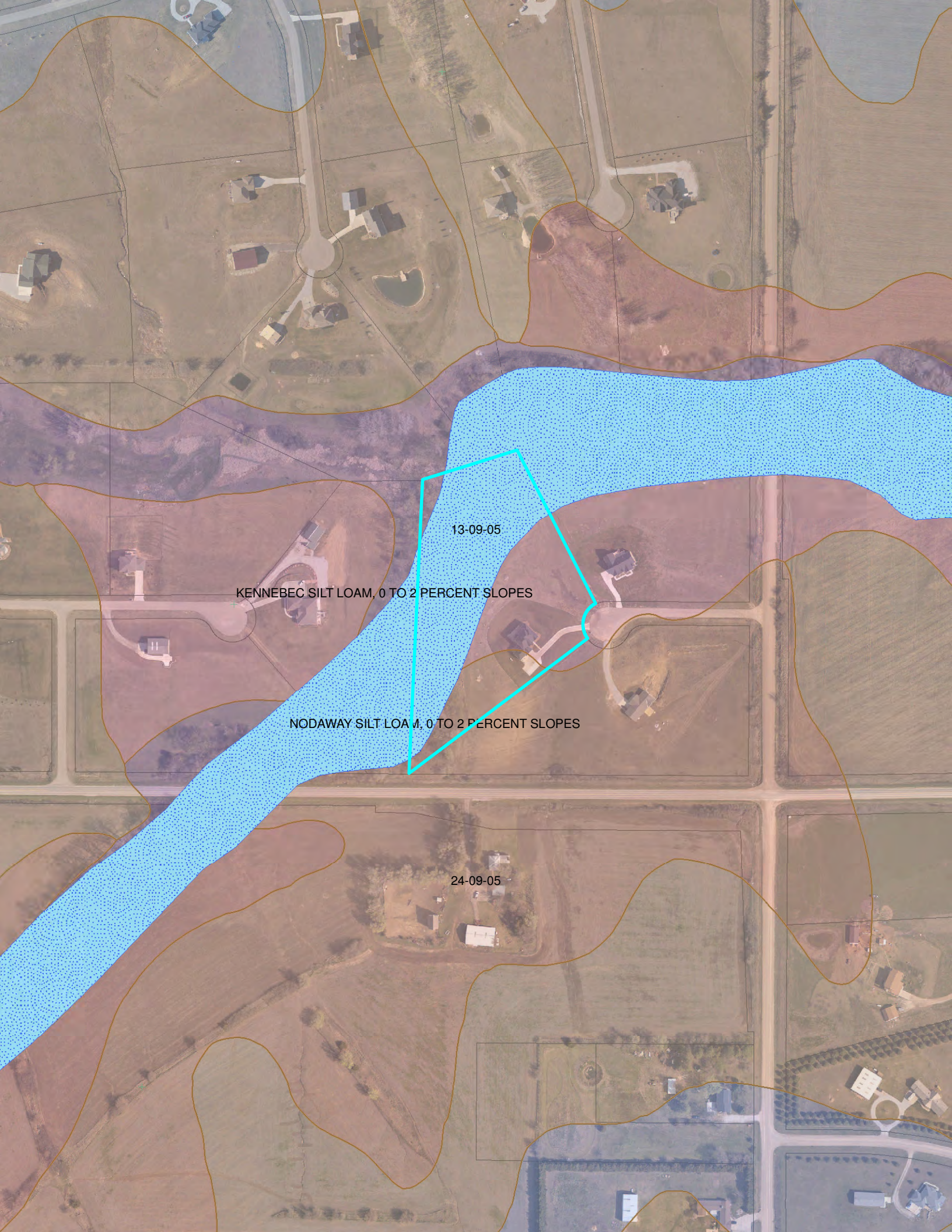
5700 Pine Creek Circle



streets
Parcels
flood1
soils (MUSYM)

N

Thursday, Mar 20 2003


13-09-05
KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES
NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES
24-09-05