Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

004871

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit #: 04380281401

Issued: 04/14/04
Expires: 10/14/04
Revenue Code: 3157

Establishment:
MICHAEL H KANE
T12N R6E SEC 8 QTR SW
E 1/2
3600 W AGNEW RD-VALPARAISO

FEES: $200.00

Permittee:
MICHAEL H KANE
3600 W AGNEW RD
VALPARAISO NE 68065

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: 043602814O1

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 3600 West Agnew Road (no rural route) City Valparaiso NE, Zip 68065

Legal Description E½ SW¼ 8 12N 6E
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 Michael H. Kane Signature Michael H Kane

Address 3600 West Agnew Rd City/State/Zip Valparaiso Ne 68065

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

C. Contractor

Name ~~[illegible]~~ Company Name Dirt Works Plus Inc

Address ~~7801~~ 7801 Leighton City/State/Zip Lincoln 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 3 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 4/14/04 Date frwd 4/14/04 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd _____ Date frwd _____ **ACTION** ☐ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd _____ Date frwd _____ **ACTION** ☐ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Ron Magnuson

Date 4-22-04

Business Office Use Only

Date Rec'd 4/15/03

Amt Paid $ 200.00

Rec'd By CW Cash/Check No. 6749

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

Lincoln-Lancaster County Health Department
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B

Permit Number: 043802814

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

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

Owner _____ Addresss _____

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

Date of Tests _____ to _____ Weather: Precipitation _____ Temperature _____

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	27	11/24	8 AM	11/25	8AM	11/25	11 30AM	6	11/25	12 PM	30	3/4	40
2	27	11/24	8 AM	11/25	8 AM	11/25	11 30 AM	6	11/25	12 PM	30	3/4	40
3	29	11/24	8AM	11/25	8 AM	11/25	11 30 AM	6	11/25	12 PM	30	1	30
4	28	11/24	8AM	11/25	8 AM	11/25	11 30 AM	6	11/25	12 PM	30	5/8	48
5	27	11/24	8 AM	11/25	8AM	11/25	11 30 AM	6	11/25	12 PM	30	3/4	40

Person Conducting Percolation Tests

Name: JANY KROESE
Phone: 560 1868
Address 7801 LEIGHTON
LINCOLN NE 68507

Sum of Percolation Rates: _____
Average of Rates: _____
Rate Used for Calculation: 40

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

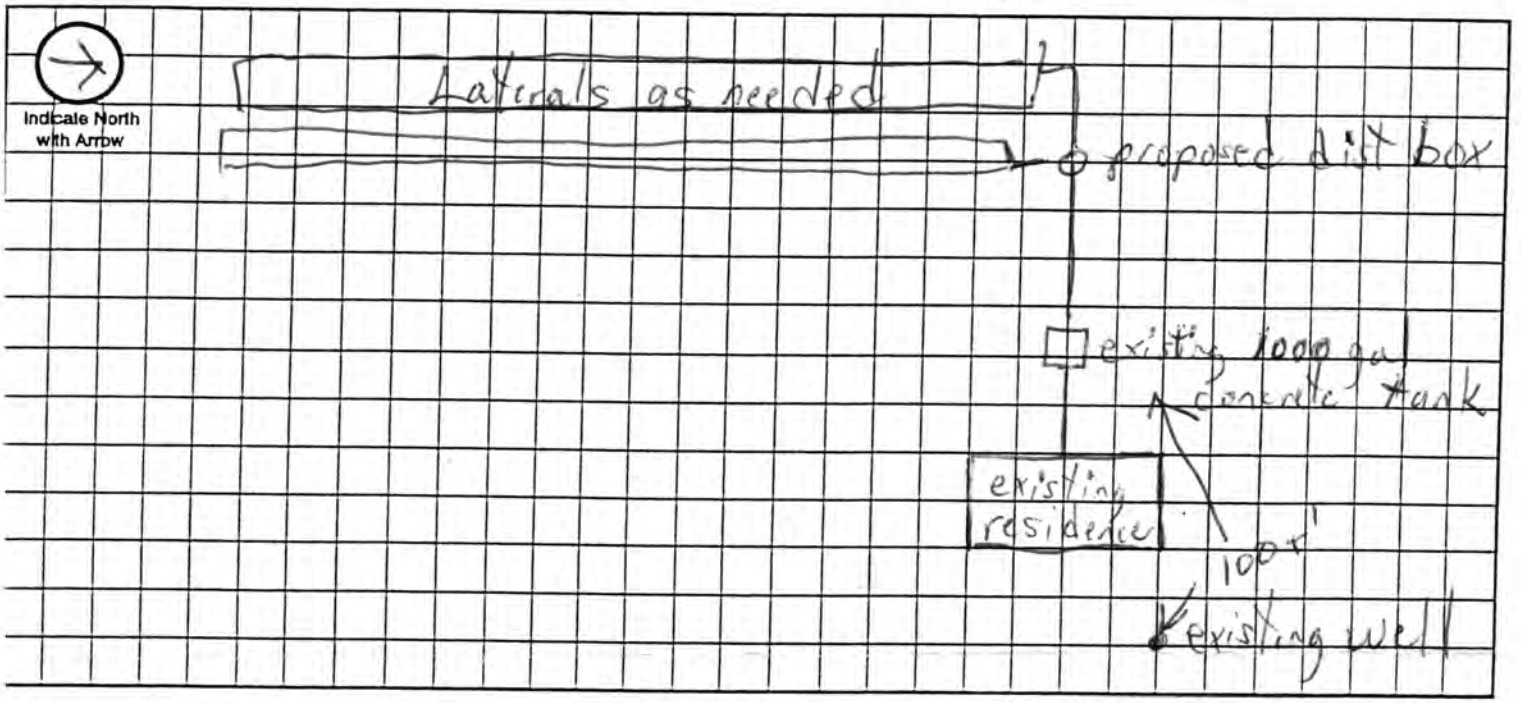
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 04380284

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) 3600 W Agnew City Valparaiso NE, Zip 68065

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other NA

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

Percolation Rate 40 (min. per inch) Soil Type: _____ Land Slope: _____ %

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

Total Square Feet of Field Required: 825 sq. ft.

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

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

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

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 Michael W Kane Date 4-8-04

Installer _____ Date 4/12/04

RM 23-102 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
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Phone: 402-441-8022

D

Permit Number:

8-12-6

Sewage Disposal System
As Built Plans & Specifications

Date 4/19/04 MIKE KANE

System Location (Indicate correct number and street)

Address 3600 W Agnew (no rural route) City Valparaiso NE, Zip

A. Building Sewer

1. Material: EXISTING
   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: EXISTING 1000
   Number of compartments: ____
2. Capacity: ____ gal.
3. Factory built: ☐ Yes ☐ No
4. Manholes: Over inlet, diameter ____ in.
   Over outlet, diameter ____ in.
   Riser: ☐ above ☐ below grade ____ in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: ____ in.
8. Distances to: Well or suction line ____ ft.
   Stream ____ ft.
   Pressure line ____ ft.
   Property line ____ ft.

C. Distribution Box

1. Material: CONC
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 63' ft.

D. Absorption Field

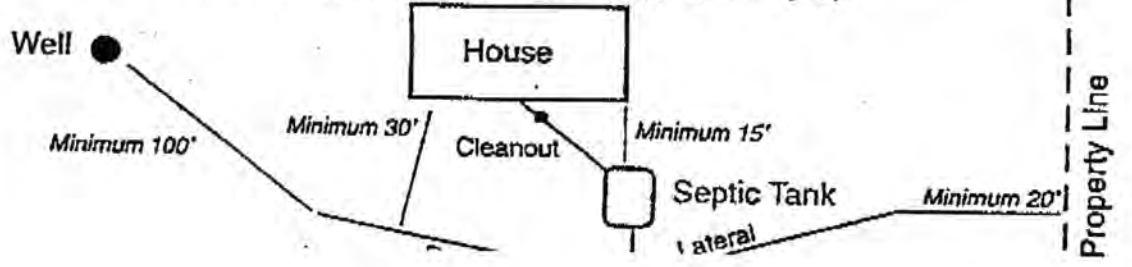
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: ____
   or perforated pipe: ____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other INFILTRATOR
2. Lateral lines: Number 2
   Length of each line: 70 ft. 138 ft.
   ____ ft. ____ ft., ____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 27 in
4. Filter material: Gravel-less
   Depth of material ____ in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

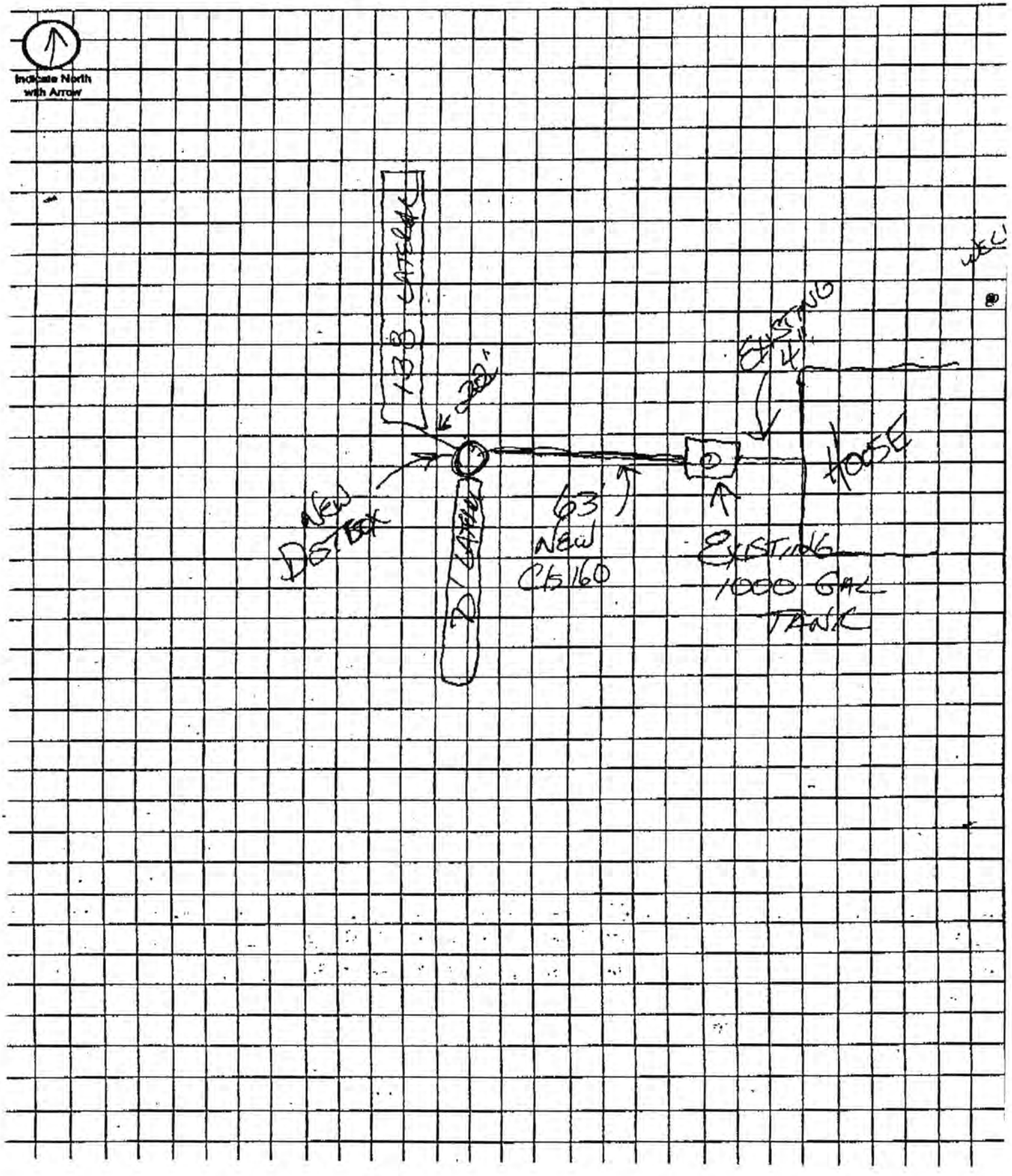
Indicate North with Arrow

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

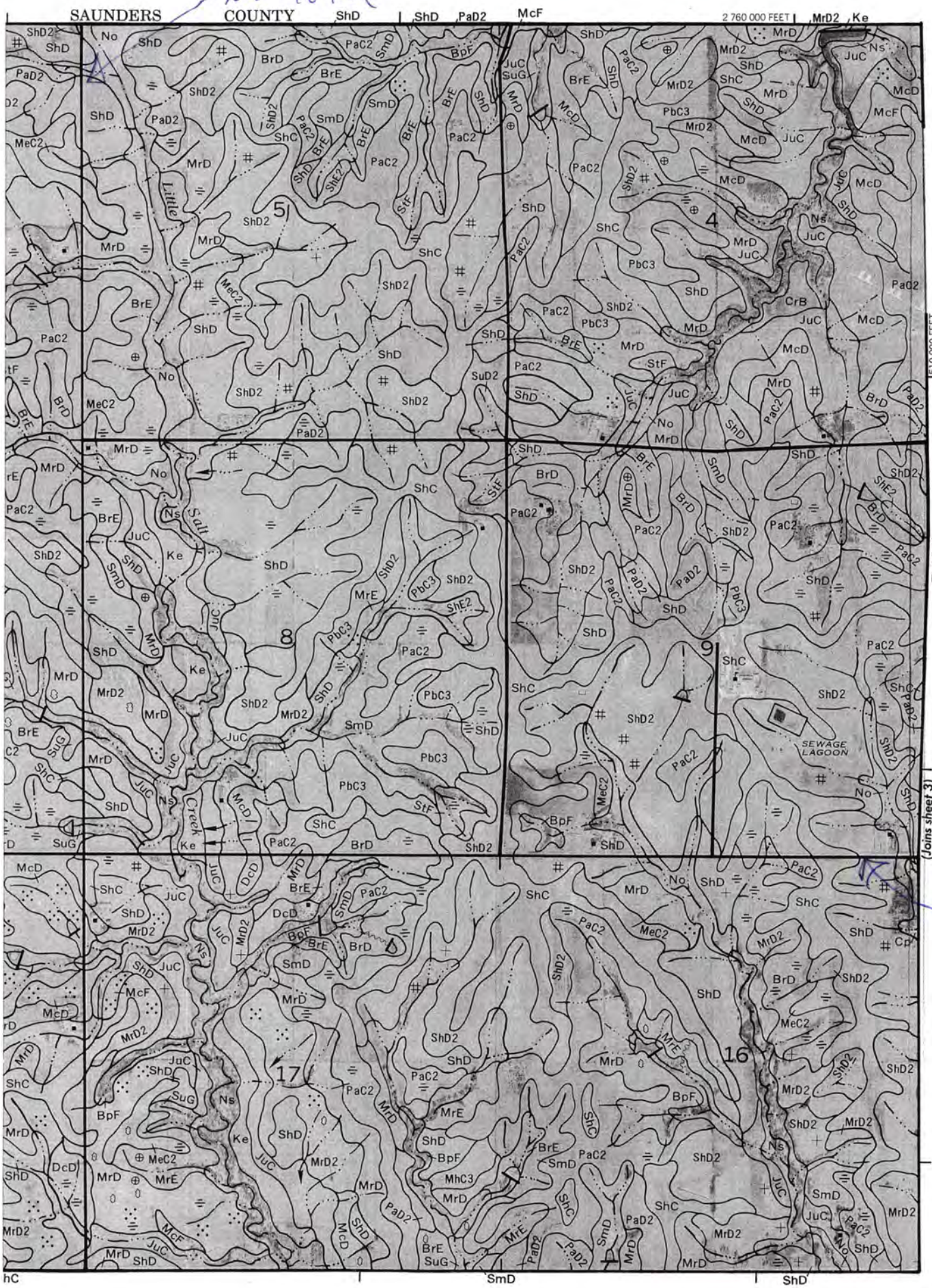
Individual Sewage System Design (Example)



As Built Drawing

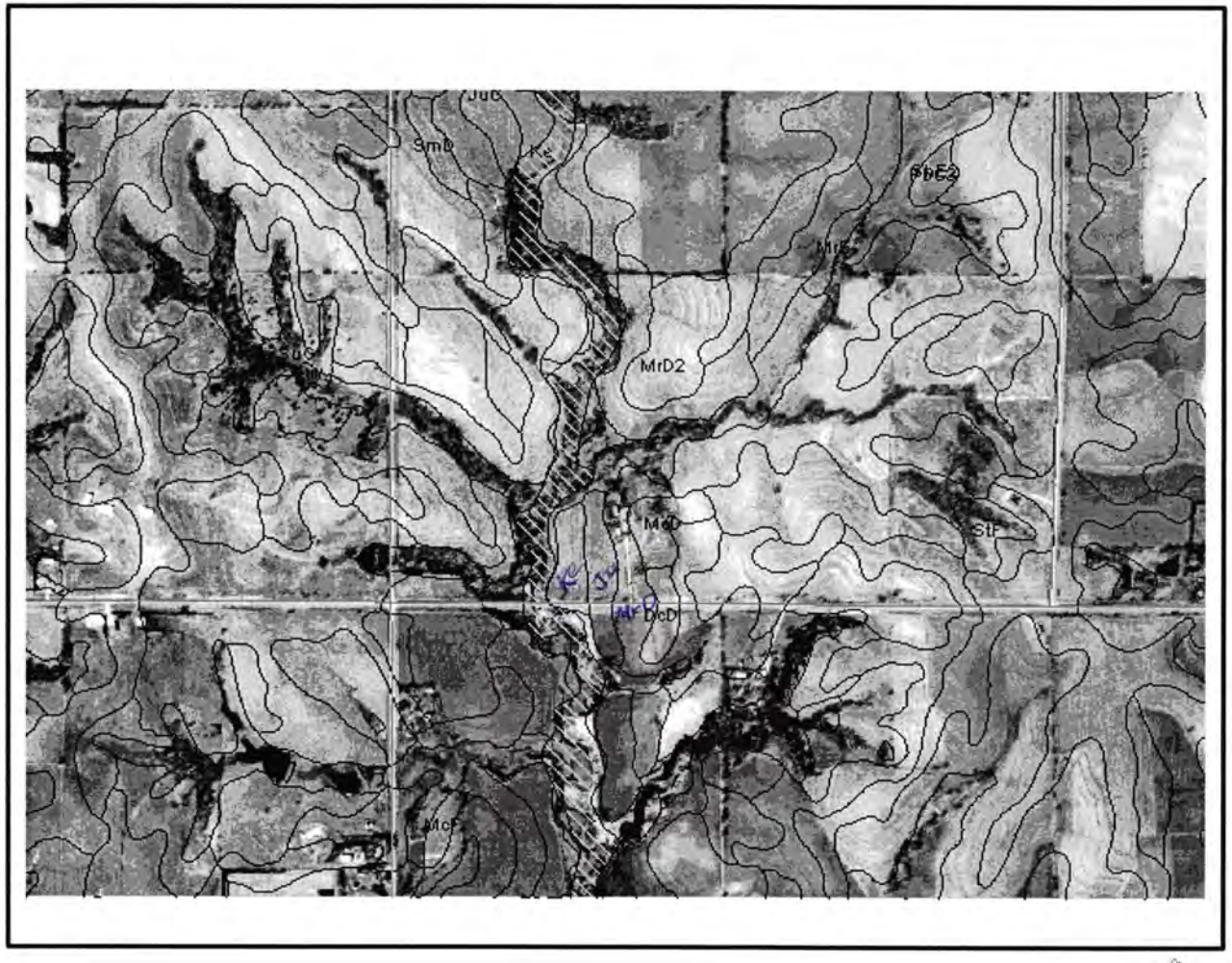


NEBRASKA — SHEET NUMBER 2



ESRI ArcExplorer 2.0

3600 West Agnew Road



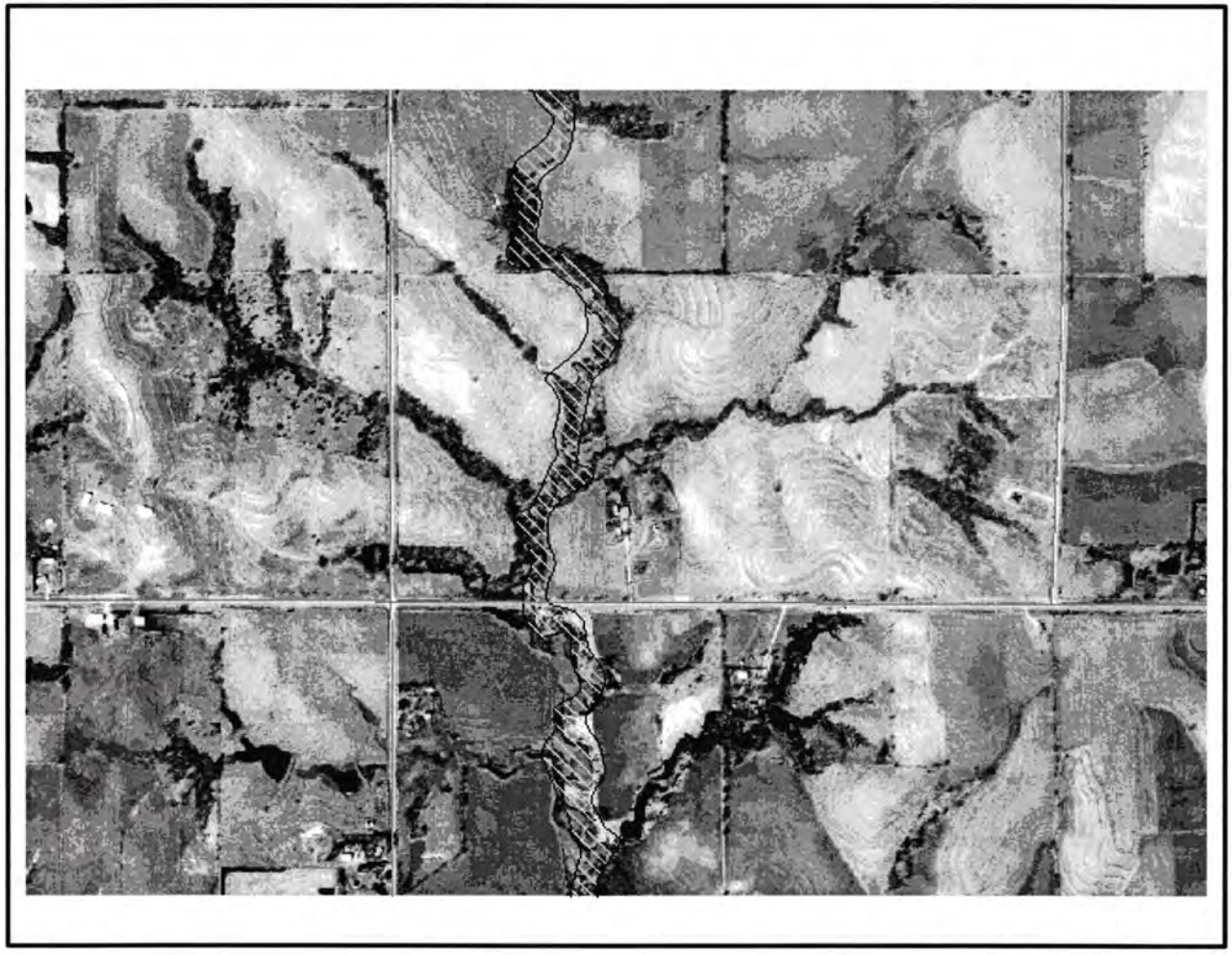
streets
flood1
soils (MUSYM)

N

Thursday, Apr 15 2004

ESRI ArcExplorer 2.0

3600 West Agnew Road



streets

flood1

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Thursday, Apr 15 2004