Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003762

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 04380280301

Issued 04/07/04
Expires 10/07/04
Revenue Code 3157

Establishment:
GMB RENTALS
T11N R6E SEC 6 QTR SW
GMB LOT 2
5570 W MILL RD-RAYMOND

FEES: $200.00

TOTAL: $200.00

Permittee:
GMB RENTALS
5580 W MILL RD
RAYMOND NE 68428

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: 04360260301

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 5570 W Mill Rd (no rural route) City Raymond NE, Zip 68428

Legal Description SW (1/4) 4 (1/4) Section 11N Township 4E Range GMB Subdivision Addition 2 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 GMB Rentals Signature Mary E Bauer

Address 5580 W Mill Rd City/State/Zip RAYmond, NE 68428

☐ Check if owner designed system Home Phone _____ Work Phone 402-783-2046

C. Contractor

Name Owner Company Name _____

Address _____ City/State/Zip _____

☐ Check if contractor designed system Work Phone _____

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

Designer Name Lloyd Jakoubek Firm Raymond Contracting Inc. Work Phone 402-890-4059

E. This System Will Serve a

Sized for A 5 Bedroom

☒ Residential Dwelling Number of Bedrooms 3 Is there a Whirlpool Bathtub YES (NO) +

☒ Commercial Establishment/Other Facility Specify Commercial Bldg, 1 Bathroom

Design flow in gallons per day 600 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 4/7/04 Date frwd 4/7/04 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 4-6-04 Date frwd 4-6-04 ACTION ☑ Approved ☐ Disapproved Signature Everett Hussen
3. **City or County Engineer** Date rec'd 4-7-04 Date frwd 4-7-04 ACTION ☒ Approved ☐ Disapproved Signature

Installation Final Written Approval

By Ron Magnuson

Date 4-12-04

Business Office Use Only

Date Rec'd 04/07/04

Amt Paid 200.00

Rec'd By LS Cash/Check No. 5289

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
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B

Permit Number: 04380803

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 5580 W. Mill Rd (no rural route) City Raymond NE, Zip 68428

Owner Gene & Mary Beneš Addresss 12500 Wagner Rd. Valparaiso, NE 68065

Soil Type (SCS): SHARPSBURG SILTY CLAY LOAM Percolation Rate: 40 min./inch

Date of Tests 3/20/04 to 3/21/04 Weather: Precipitation 0 Temperature 35°

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	24	3/20	9:45a	3/20	1:45p	3/21	9:00a	6	3/21	1:30p	30	3/4	0.75/30 = 40
2	25	"	"	"	"	"	"	"	"	"	30	3/4	0.75/30 = 40
3	26	"	"	"	"	"	"	"	"	"	30	3 1/2	3.50/30 = 9
4	26	"	"	"	"	"	"	"	"	"	10	2	2.00/10 = 5
5	26	"	"	"	"	"	"	"	"	"	10	1 1/2	1.50/10 = 7
6	27	"	"	"	"	"	"	"	"	"	10	2	2.00/10 = 5

Person Conducting Percolation Tests

Name: Terri Jakoubek, Raymond Contracting Inc

Phone: 402-783-2663 or 402-850-3870

Address 13800 NW 70th St
Raymond, NE 68428

Sum of Percolation Rates: 10re

Average of Rates: 18

Rate Used for Calculation: 40 (2ppi Variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official: Jerrold C. Hood R.E.H.S.

Date APRIL 7, 2004

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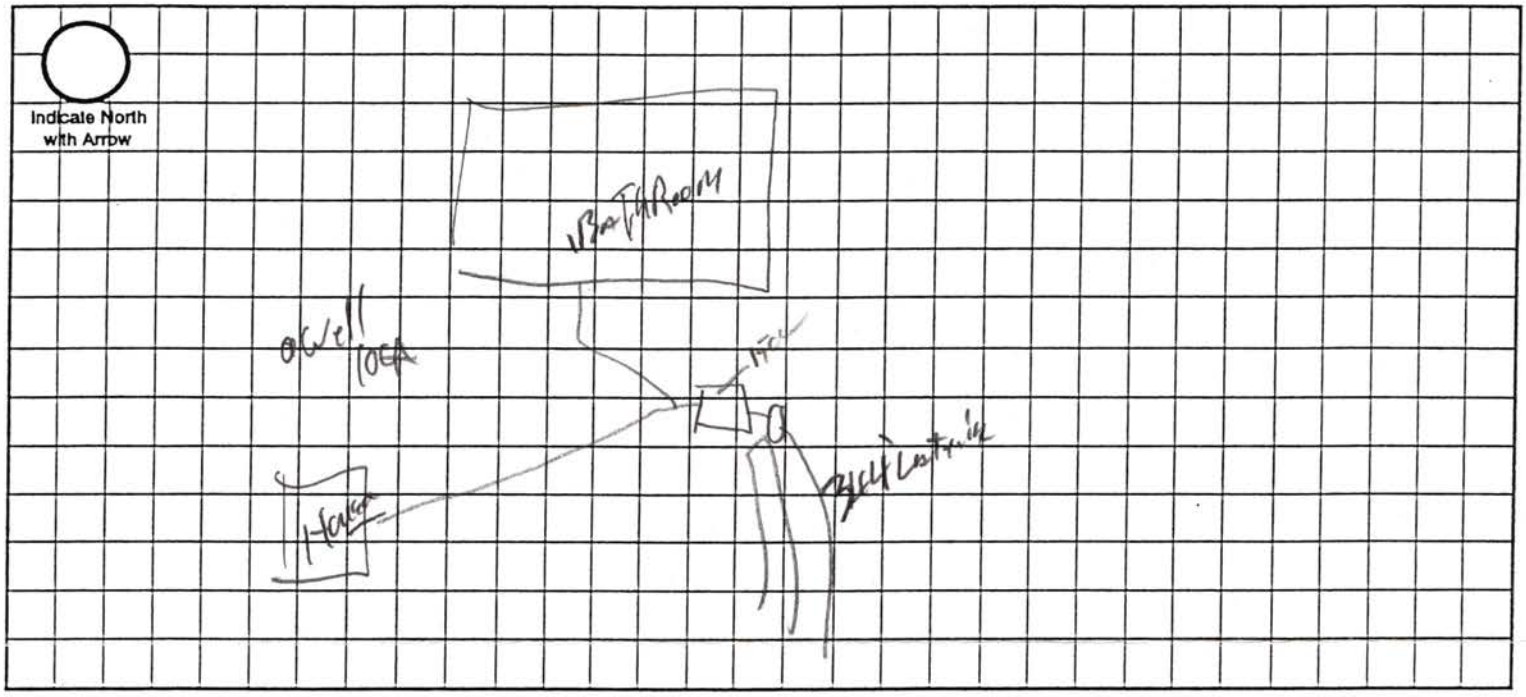
C

Permit Number: 043802803

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) 5570 W Mill Rd City Raymond NE, Zip 68428

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

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

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

Total Square Feet of Field Required: 1,375 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: ADS #10 standard

Capacity of Septic Tank 1560 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 344 ft. Number of Trenches 3 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 Mary E Boeen Date 4-6-04

Installer Mark S. Jakubek Date 4-6-04

FORM 23-102 10-96

APR 9 2004

D

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

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 4/7/04 6-11-6

System Location (Indicate correct number and street)

Address 5570 ~~[illegible] Rd.~~ W. Pioneer Rd. City Raymond NE NE, Zip 68428
(no rural route)

A. Building Sewer

1. Material: Class 160 PVC
   Diameter: 4 in.
2. Distance above basement floor: ~~[illegible]~~ in.
   or distance below basement floor: in.
3. Distance between dwelling and septic tank: 140 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 100+ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: One
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade At Grade in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 12" in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: PVC
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 8' ft.

D. Absorption Field

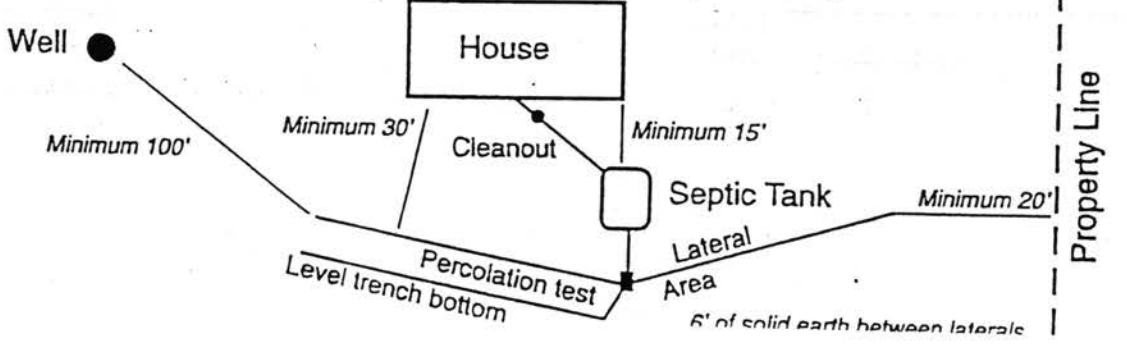
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: ADS H-10
   or perforated pipe: 34" wide 12"Tall
   Material: ☒ fiberglass ☐ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 3
   Length of each line: 120 ft. 120 ft.
   110 ft. ft., ft.
3. Trench dimensions: Width 4 ft.
   Slope Flat in/100 ft.
   Average depth 24" in
4. Filter material: Dirt
   Depth of material 100+ 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

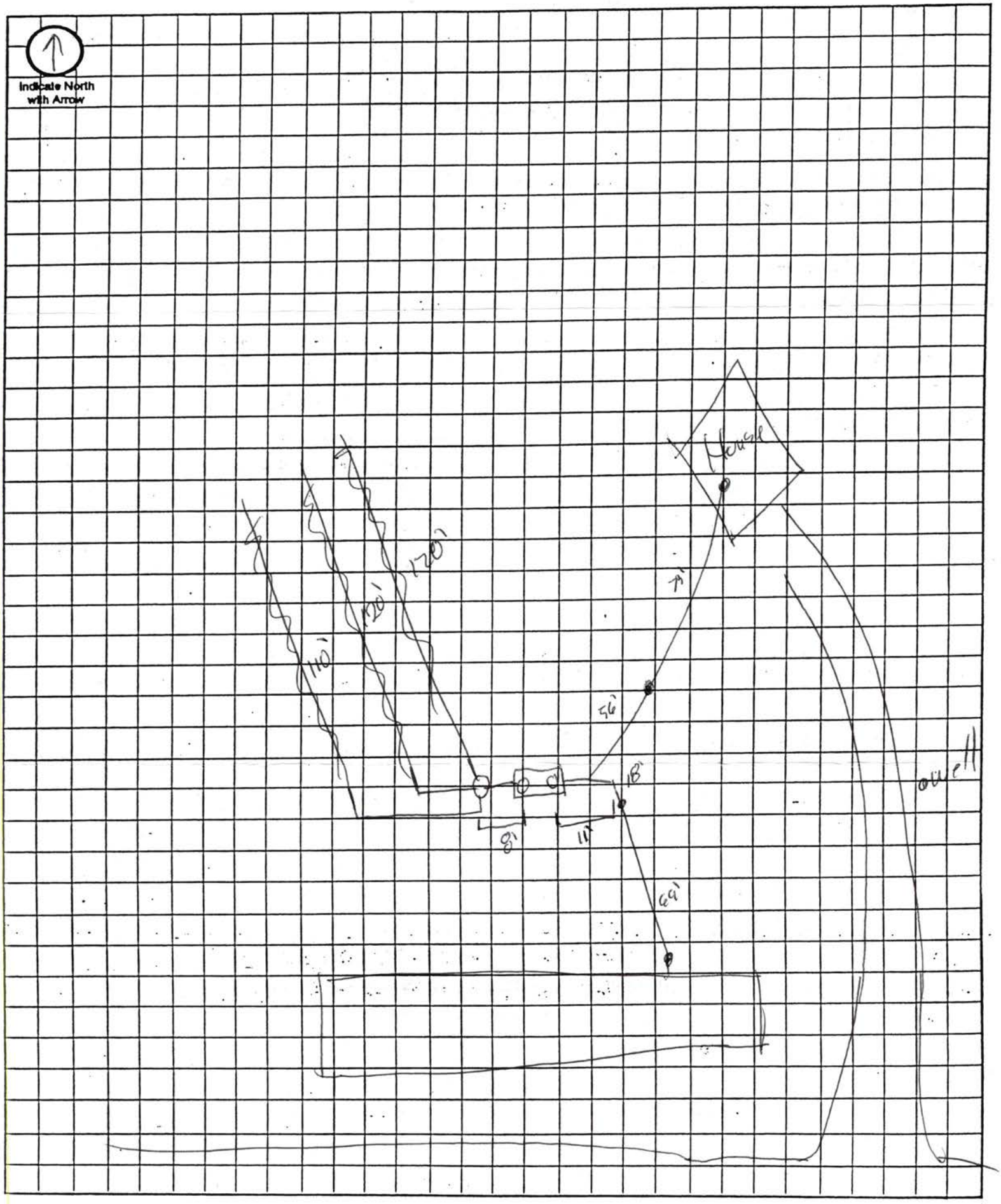
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



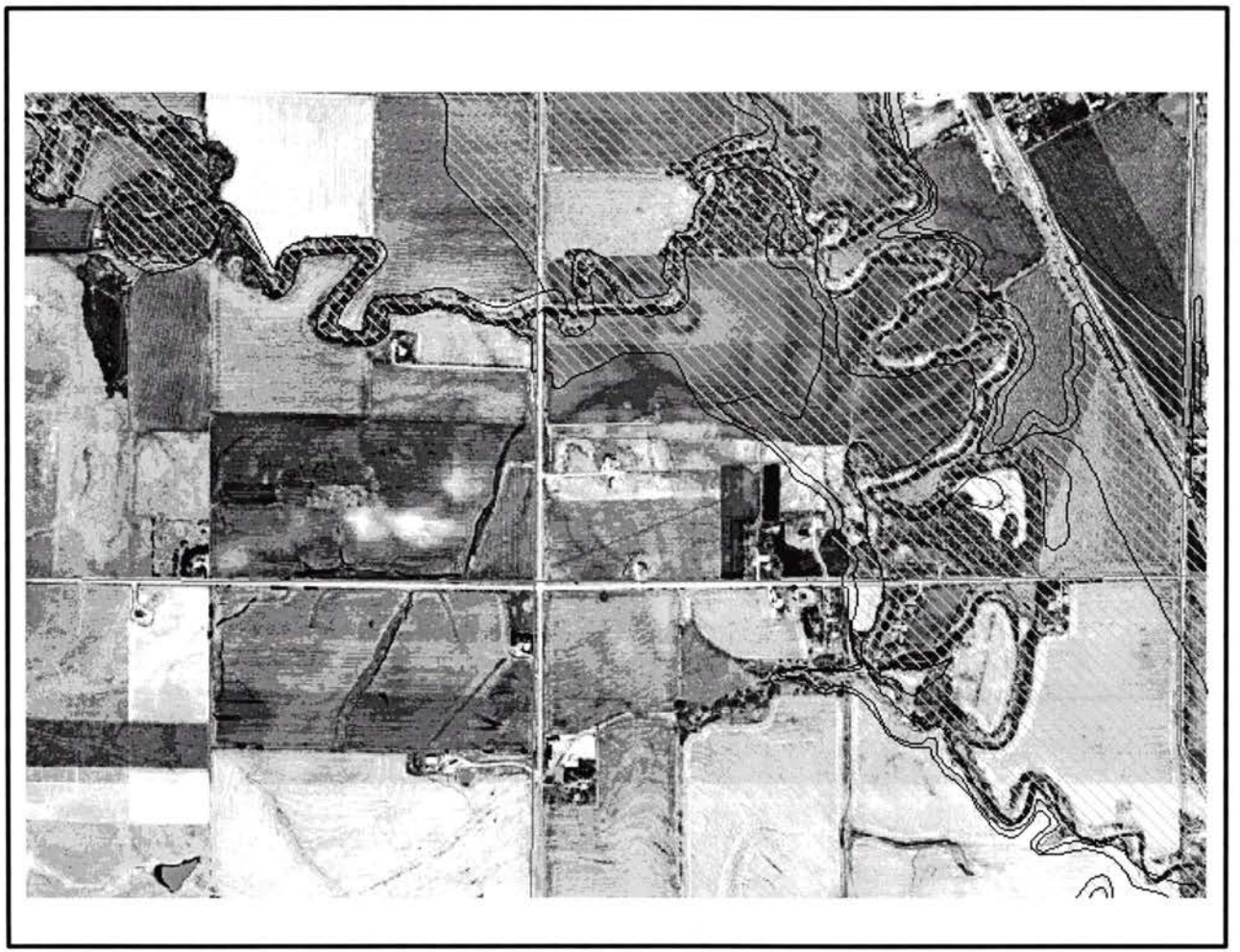
FORM 23-103 10-96

As Built Drawing



ESRI ArcExplorer 2.0

5570 West Mill Road



streets

flood1

N

Wednesday, Apr 7 2004