Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

009928

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC

Establishment: KARIM GHARZAI
T10N R8E SEC 24
WYNDAM PL BLK 1 LOT 1
1355 N 179 ST

Permittee: KARIM GHARZAI
6710 AMHURST DR
LINCOLN NE 68510

Permit # 07380332401

Issued 04/20/07
Expires 04/20/08
Revenue Code 3157

FEES: $290.00

TOTAL: $290.00

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: 0738033240 1

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: 4.4 acres

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 1355 N. 179TH (no rural route) City LINCOLN NE, Zip X

LOR 5958

Legal Description X 1/4 1/4 Section 24 Township 10 Range 8 WINDAM PLACE Subdivision Addition 1 Block 1 Lot

Geographical Location (if known): Longitude 096° 28' 43.1" Latitude N 40° 49' 35.6"

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

B. Owner

Name KARIM GHARZAI Signature X

Address 6710 AMHURST DR. City/State/Zip LINCOLN, NE. 68510

☐ Check if owner designed system Home Phone 402 483 5888 Work Phone X 580-4174

C. Contractor

Name 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 GARY L. HOLLY Firm HOLLY CONTRACTING CO Work Phone 402-587-0120

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 4/20/07 Date frwd 4/20/07 ACTION ☒ Approved ☐ Disapproved Signature
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 4/20/07 Date frwd 4/20/07 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 04/20/2007 Date frwd ACTION ☒ Approved ☐ Disapproved Signature

Installation Final Written Approval

By

Date 11/15/07

Business Office Use Only

Date Rec'd 04/20/07
Amt Paid 290.00
Rec'd By Cash/Check No. 3029

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

Lincoln-Lancaster County Health Department
Environmental Health Division
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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 1355 N. 179th (no rural route) City LINCOLN NE, Zip 68

Owner KARIM GHARZAI Address 6710 AMHURST DR. LINCOLN, NE 68510

Soil Type (SCS): MAYBERRY SILTY CLAY LOAM Percolation Rate: 50 min./inch

Date of Tests 041407 to 041507 Weather: Precipitation NONE Temperature 32° 40° F

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		LAST 30		
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	36	0414	1710	0415	0630	0415	0645	6	0415	1045	30	.7	43
2	↓	↓	↓	↓	↓	↓	0647	↓	↓	1047	30	.6	50
3	↓	↓	↓	↓	↓	↓	0648	↓	↓	1048	30	1.2	25
4	↓	↓	↓	↓	↓	↓	0650	↓	↓	1050	30	.6	50
5	↓	↓	↓	↓	↓	↓	0652	↓	↓	1052	30	.6	50
6	↓	↓	↓	↓	↓	↓	0654	↓	↓	1054	30	1.2	25
7	↓	↓	↓	↓	↓	↓	0656	↓	↓	1056	30	1	30
8	↓	↓	↓	↓	↓	↓	0658	↓	↓	1058	30	1.1	27
9	↓	↓	↓	↓	↓	↓	0700	↓	↓	1100	30	1.2	25
10	↓	↓	↓	↓	↓	↓	0702	↓	↓	1102	30	.6	50

Sum of Percolation Rates: 375
Average of Rates: 37.5
Rate Used for Calculation: 50/IN

Person Conducting Percolation Tests

Name: GARY L. HOLLY
Phone: 402-587-0120
Address 71860-567 AV
FAIRBURY, NE, 68352

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks Must use 50 MPI as calc'ed #

Signature of Reviewing Official _____ Date _____

RM 23-101 10-96

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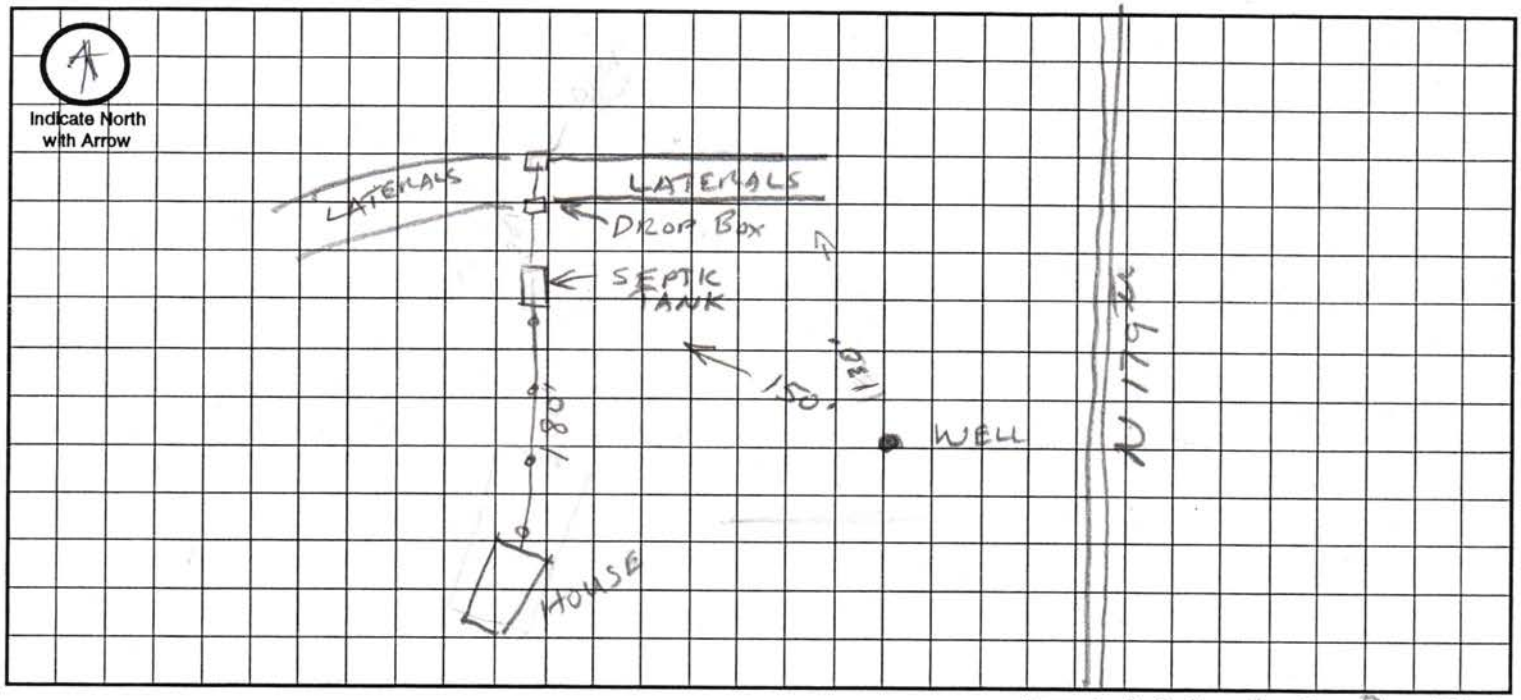
C

Permit Number:

Sewage Disposal System
Preliminary Plan Specifications

KARIM GHARZAI

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: 0 ft. = 0 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 1355 N 179th City LINCOLN NE, Zip X 68

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other

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

Percolation Rate 50 (min. per inch) Soil Type: MAYBERRY SILTY CLAY LOAM Land Slope: 6 %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other

Total Square Feet of Field Required: 1650 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: GRAVELLESS CHAMBERS

Capacity of Septic Tank 1750 gals Number of Absorption Beds: Number of Distribution Laterals per Bed

Total Length of Laterals 412.5 ft. Number of Trenches 4 Trench Width 36"

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 Date X

Installer Gary L. Holly Date 041707

FORM 23-102 10-96

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

D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

Date 11-16-07

System Location (Indicate correct number and street)

Address 1355 N. 17th St (no rural route) City Lincoln NE, Zip 68527

A. Building Sewer

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 21 in.
3. Distance between dwelling and septic tank: 71' ft.
4. Number of clean-outs: one
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: 1750 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter center 24" in.
   Over outlet, diameter _____ 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: 18" 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: 3-End caps.
   Number available outlets: 3 per End cap.
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 42' ft.

D. Absorption Field

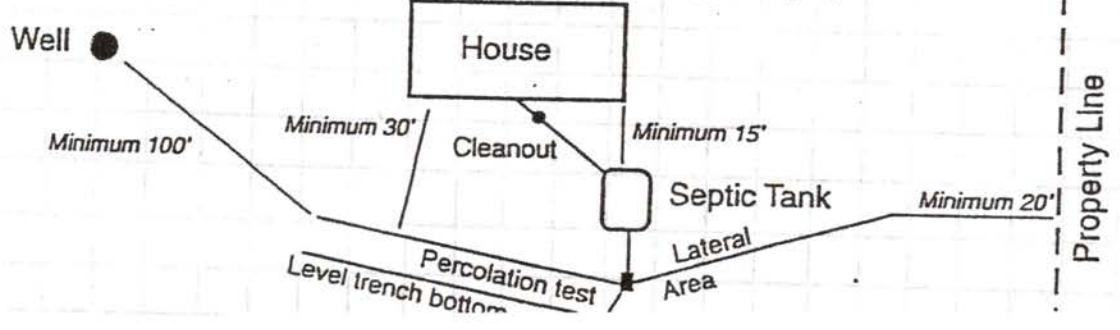
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: Quick 4/12" Tall x 34" wide
   or perforated pipe: _____
   Material: ☒ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 149' ft. 149' ft.
   113' ft. _____ ft., _____ ft.
3. Trench dimensions: Width 40" ft.
   Slope Flat in/100 ft.
   Average depth 36" x 46" in
4. Filter material: Dirt
   Depth of material 36" x 46" in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 5' ft.

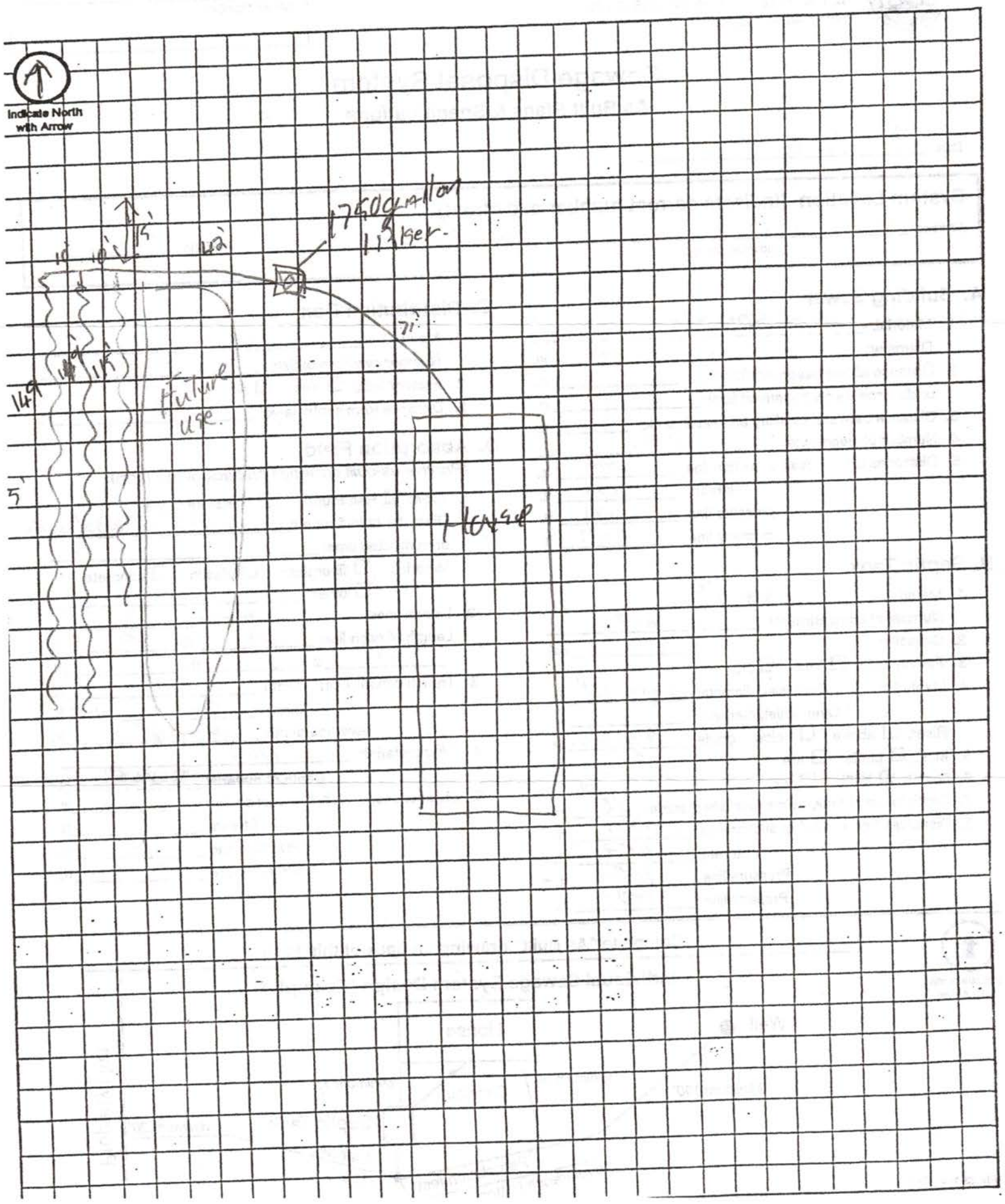
Indicate North with Arrow

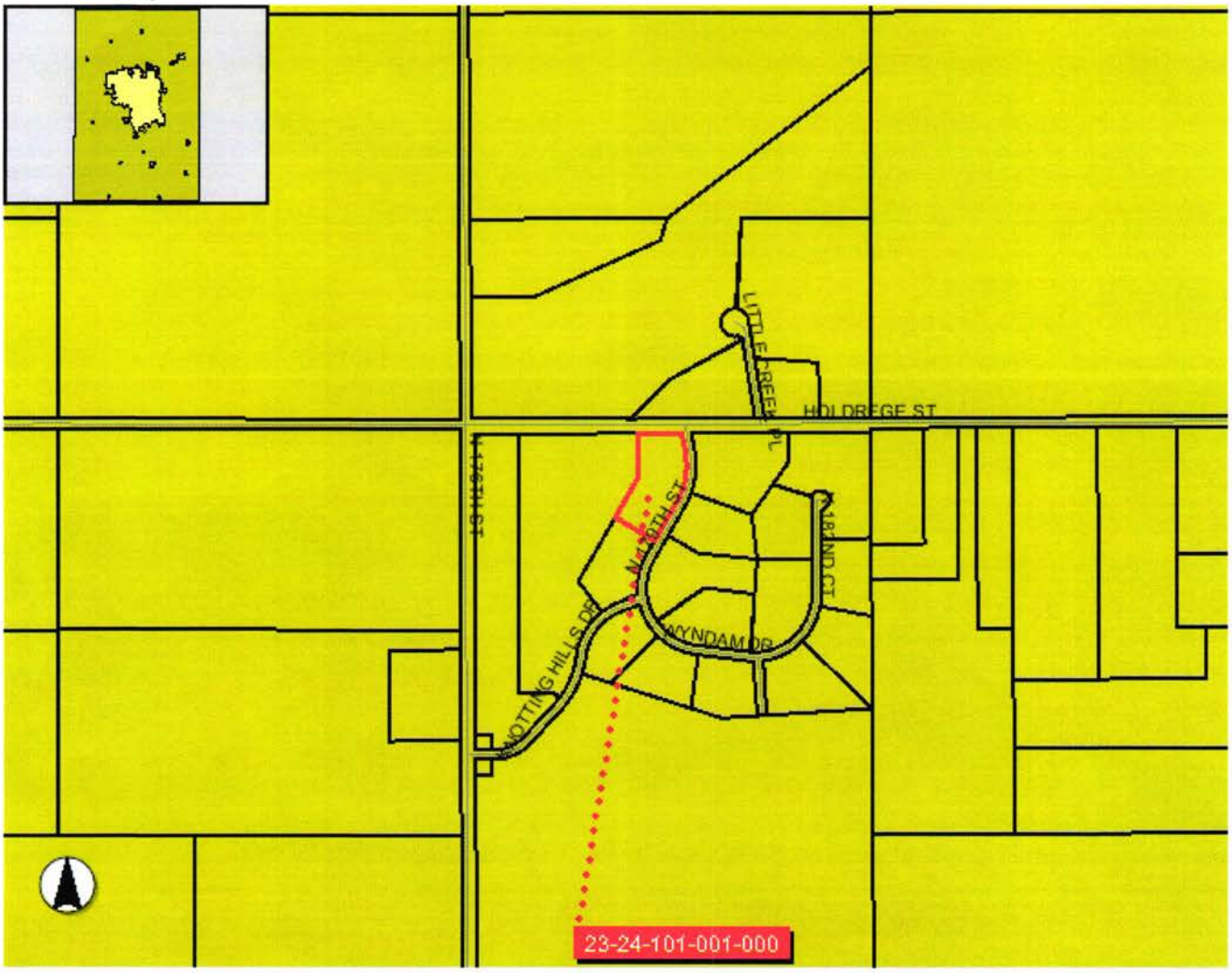
Complete "As Built" drawing on back of this form.

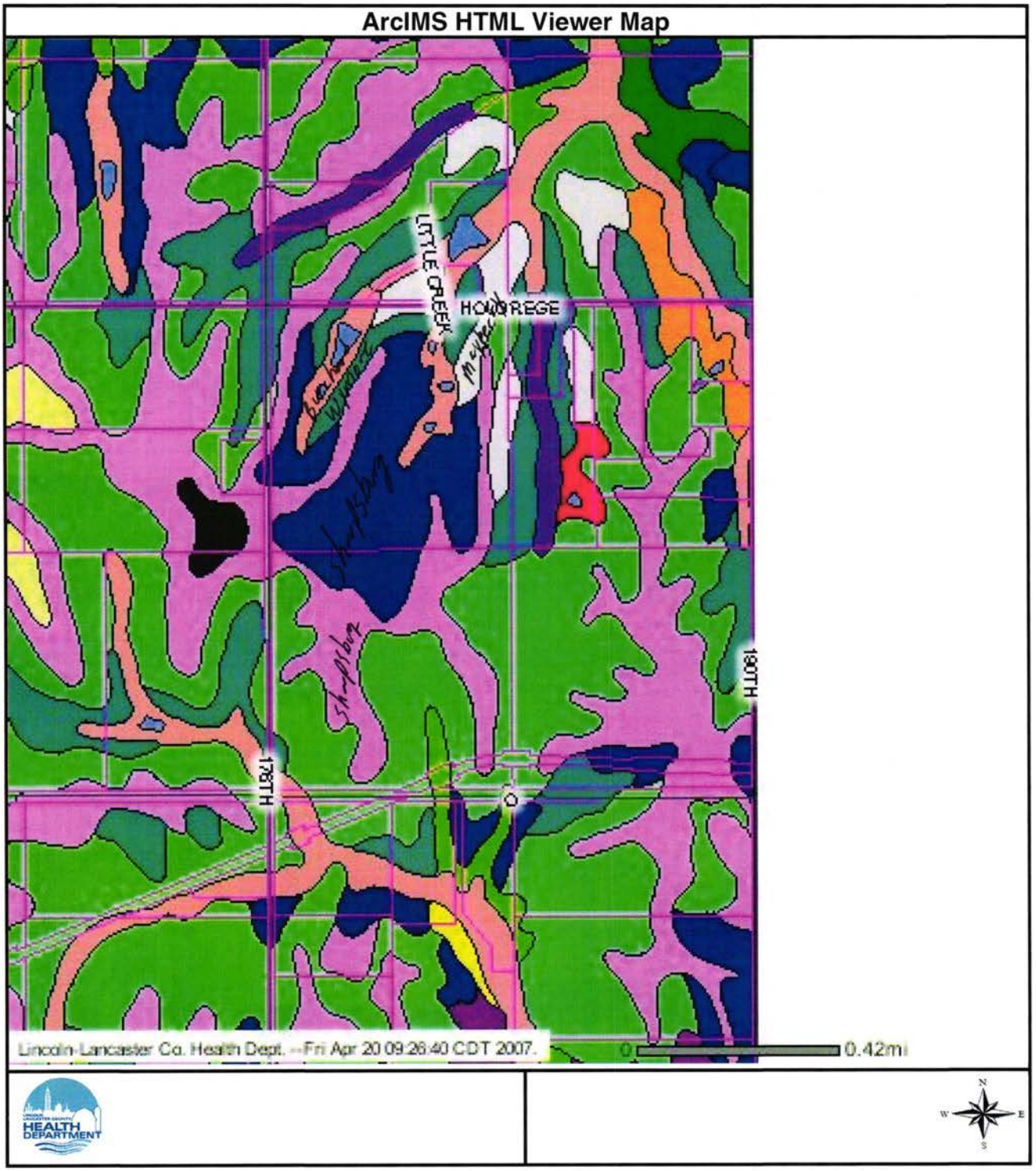
Individual Sewage System Design (Example)

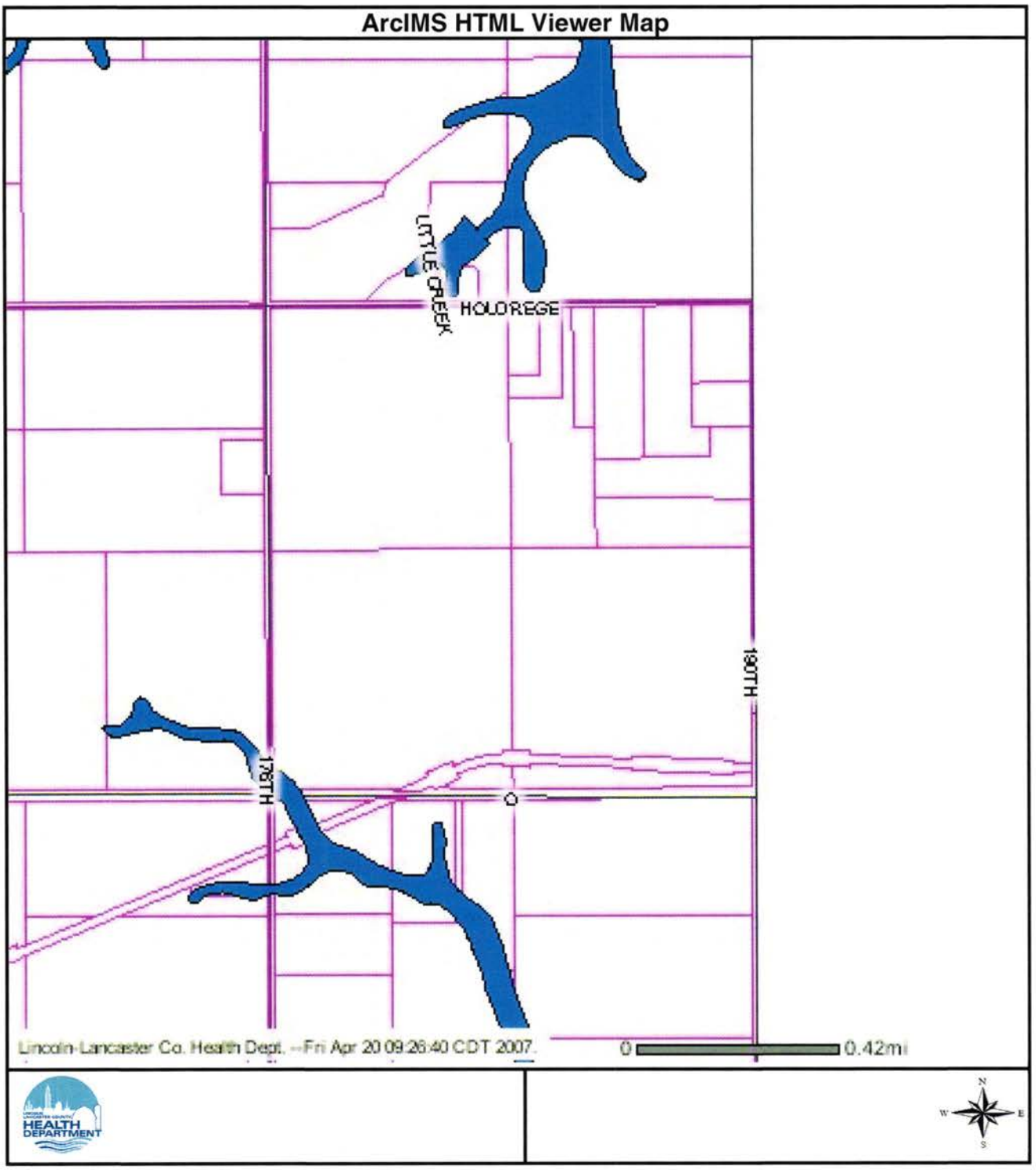


As Built Drawing




HOLDREGE ST
LITTLE CREEK PL
148TH ST
NORTH ST
148TH CT
WYNDAM DR
KNOTTING HILLS DR
23-24-101-001-000


ArcIMS HTML Viewer Map
LITTLE CREEK
HOLDREGE
178TH
190TH
Lincoln-Lancaster Co. Health Dept. --Fri Apr 20 09:26:40 CDT 2007.
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0.42mi
HEALTH DEPARTMENT
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ArcIMS HTML Viewer Map
LITTLE CREEK
HOLDREGE
190TH
178TH
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