Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

008656

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 06380315401

Issued 02/22/06
Expires 02/22/07
Revenue Code 3157

Establishment
ASPEN BUILDERS
T12N R5E SEC 22
NO BRANCHED OAK ESTS LOT 1
NA-RAYMOND

FEES: $275.00

Permittee
ASPEN BUILDERS
1640 NORMANDY CT
APT A
LINCOLN NE 68512

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

LINCOLN LANCASTER COUNTY HEALTH DEPARTMENT

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

A

Permit Number: 06380315401

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 _____ (no rural route) City Raymond NE, Zip 68428

Legal Description _____ 1/4 _____ 1/4 22 Section 12N Township 5E Range North Branched Oak Estates Subdivision _____ Addition 1 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 Aspen Builders Inc. Signature _____

Address 1640 Normandy Ct. Ste A City/State/Zip Lincoln NE 68512

☐ Check if owner designed system Home Phone _____ Work Phone 423-6811

C. Contractor

Name Bob Benes Company Name Aspen Builders Inc.

Address 1640 Normandy Ct. Ste A City/State/Zip Lincoln NE 68512

☒ Check if contractor designed system Work Phone 402-423-6811

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 2/22/06 Date frwd 2/23/06 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 2-23-06 Date frwd 2-23-06 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 2-23-06 Date frwd 2-23-06 ACTION ☒ Approved ☐ Disapproved Signature _____

8/16/06 Need Drawing. J.C.H.

Installation Final Written Approval

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

Date AUGUST 22, 2006

Business Office Use Only

Date Rec'd 02/22/06
Amt Paid 275.00
Rec'd By _____ Cash/Check No. 11985

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
Phone: 402-441-8022

B

Permit Number: 063803154

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address _____ City Raymond NE, Zip 68428
(no rural route)

Owner Aspen Builders Inc. Addresss 1640 Normandy Ct. Ste A Lincoln NE 68512

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

Date of Tests 6-28 to 6-29 Weather: Precipitation Dry Temperature 80°

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	36	6-28	4 PM	6-28	10AM	6-28	11:05	12	6-28	11:35	30	9/16	53
2	36						11:07	16		:37		1/2	60
3	36						11:08	18		:38		1/2	60
4	36						11:10	17		:40		9/16	53
5	36						11:12	14		:42		5/8	48
6	36						11:14	15		:44		1/2	60

Person Conducting Percolation Tests

Name: Bob Benes
Phone: 3300 Manatee
Address Lincoln, NE 68516

Sum of Percolation Rates: 334
Average of Rates: 55.6
Rate Used for Calculation: 56-60

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks SEEMS RATHER SLOW FOR JUDSON SILT LOAM.

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date 2/22/06

FORM 23-101 10-95

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

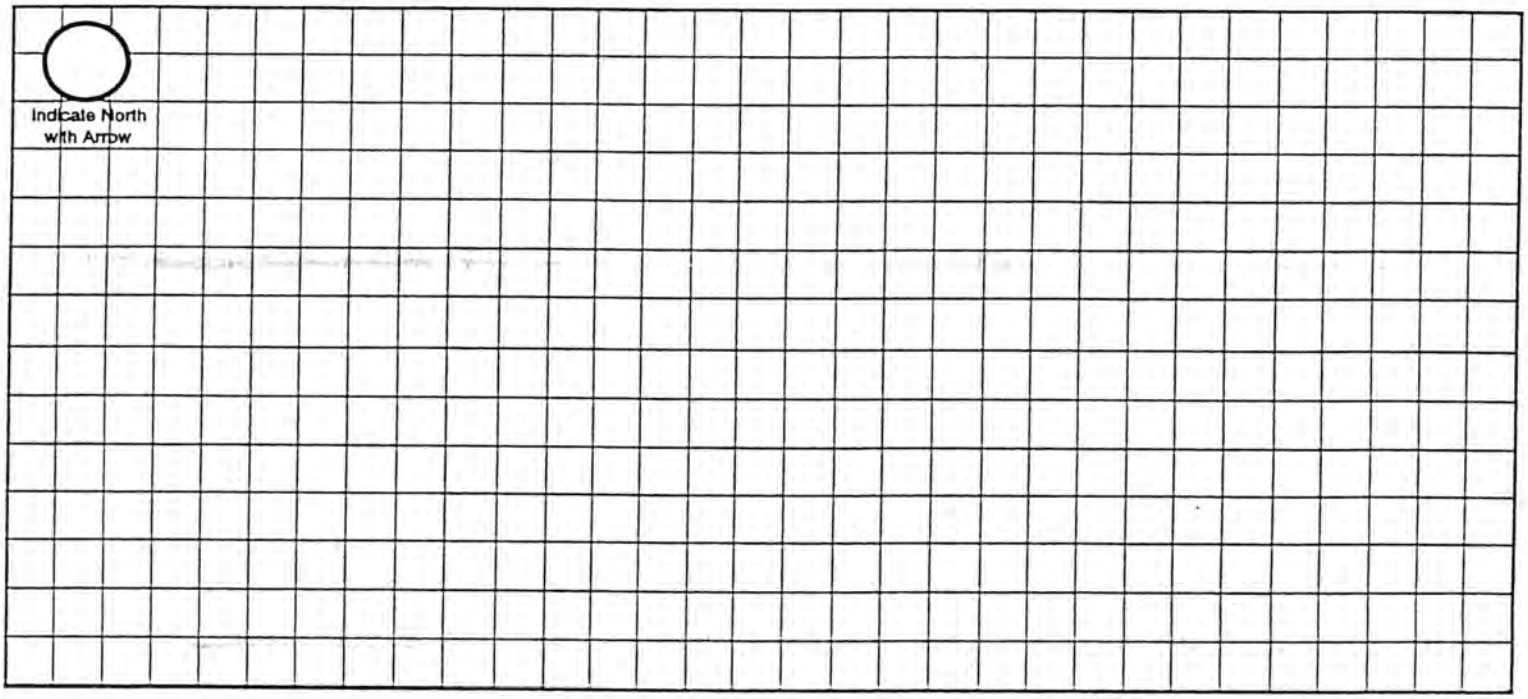
C

Permit Number: 063803154

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) _____ 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 56 (min. per inch) Soil Type: IvC Land Slope: 6 %

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

Total Square Feet of Field Required: 1400 sq. ft.

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

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

Total Length of Laterals 350 ft. Number of Trenches 3 Trench Width 3'

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

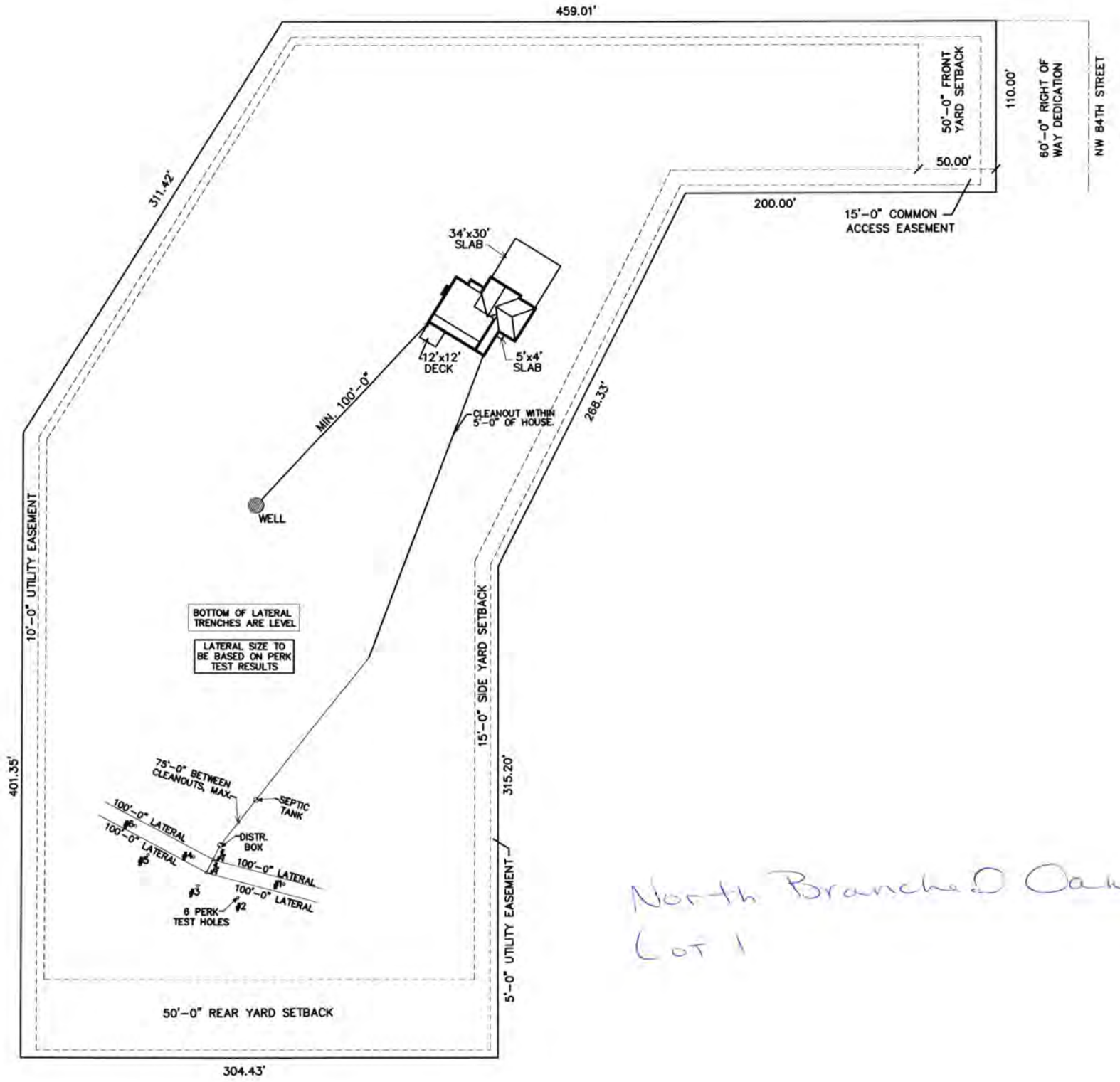
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☑	25 ☑	20 ☐	15 ☐	25 ☑	☑
Field (ft)	100 ☑	500 ☑	50 ☐	4 ☑	30 ☐	20 ☑	30 ☑	40 ☐	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor _____ Date _____

Installer _____ Date _____

FORM 23-102 10-96



North Branch Oak
Lot 1

AUG 2 1 2006

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 8/18/06

System Location (Indicate correct number and street)

Address 19001 N.W. 84TH (no rural route) City RAYMOND NE, Zip

A. Building Sewer

1. Material: PLASTIC
   Diameter: 4" in.
2. Distance above basement floor: — in.
   or distance below basement floor: 12" in.
3. Distance between dwelling and septic tank: 35' ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 315 ft.
   stream — ft.
   pressure line 20 ft.
   property line 20 ft.

B. Septic Tank

1. Material: PLASTIC
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade 24 in.
5. Inlet: ☐ baffle ☒ tee
6. Outlet: ☐ baffle ☒ tee
7. Depth to top of tank, below unfinished grade: 2' in.
8. Distances to: Well or suction line 275 ft.
   Stream — ft.
   Pressure line 160 ft.
   Property line 165 ft.

C. Distribution Box

1. Material: PLASTIC
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 10 FT ft.

D. Absorption Field

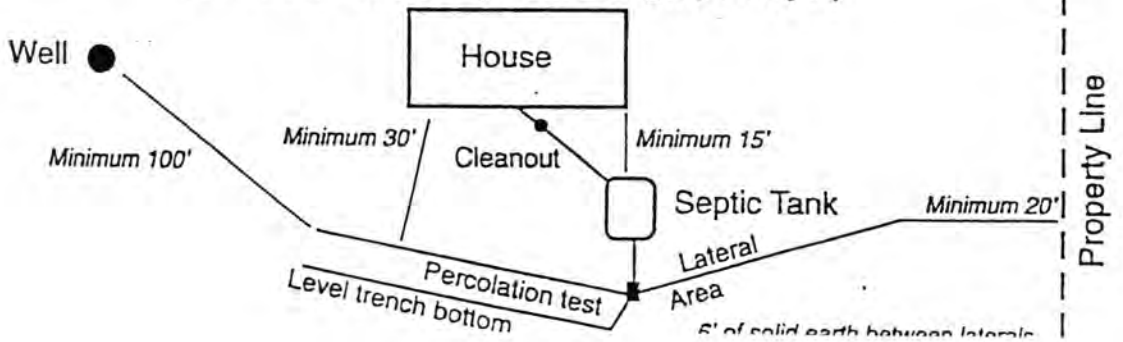
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 3'
   or perforated pipe:
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 3
   Length of each line: 100 ft. 125 ft.
   ft. 125 ft., ft.
3. Trench dimensions: Width 3' ft.
   Slope LEVEL in/100 ft.
   Average depth 3' in
4. Filter material: GRAVELESS CHAMBER
   Depth of material 3' in.
5. Distances to: Well or suction line 150 ft.
   Stream ft.
   Pressure line 40 ft.
   Property line 45 ft.

Indicate North with Arrow

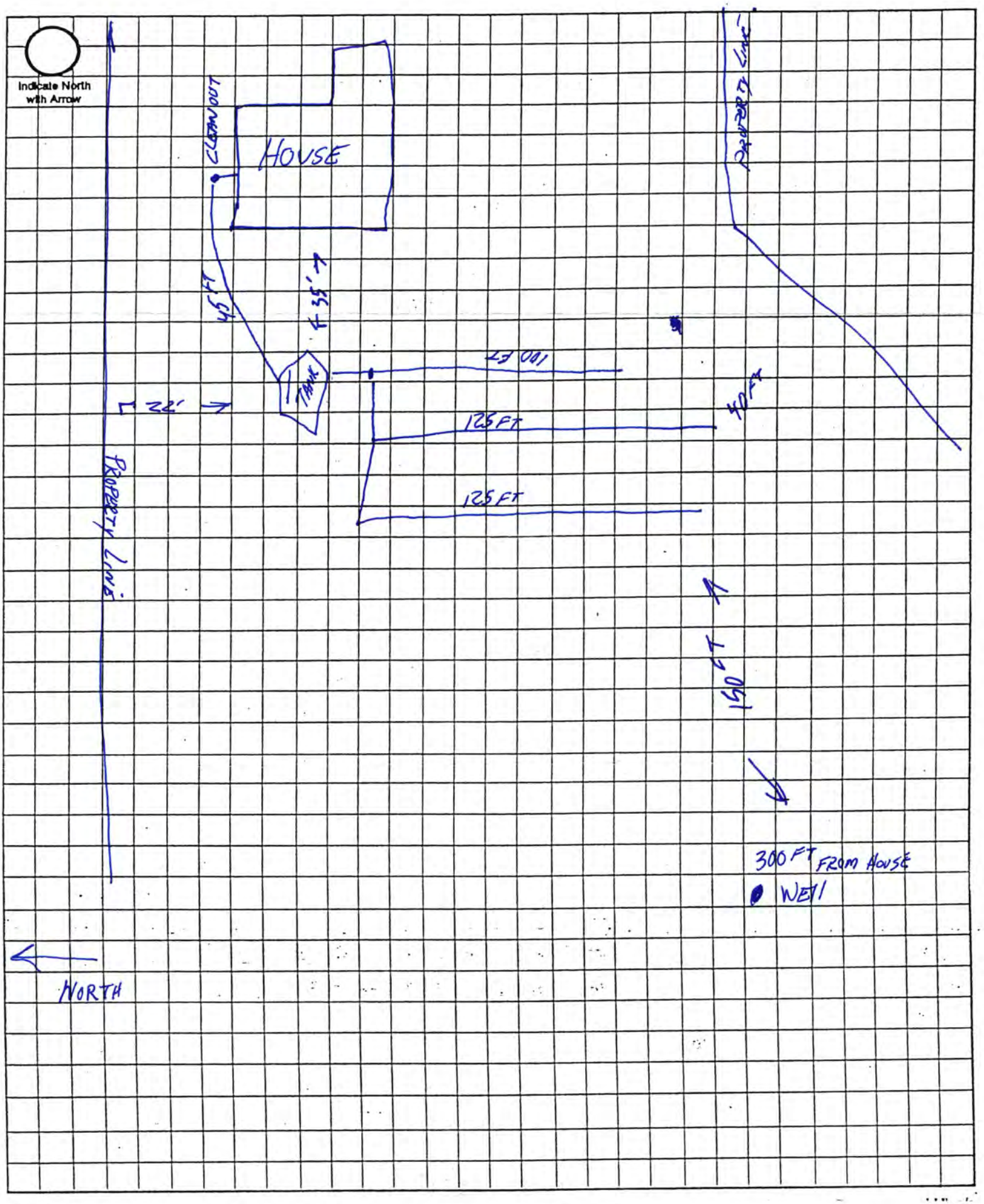
Complete "As Built" drawing on back of this form.

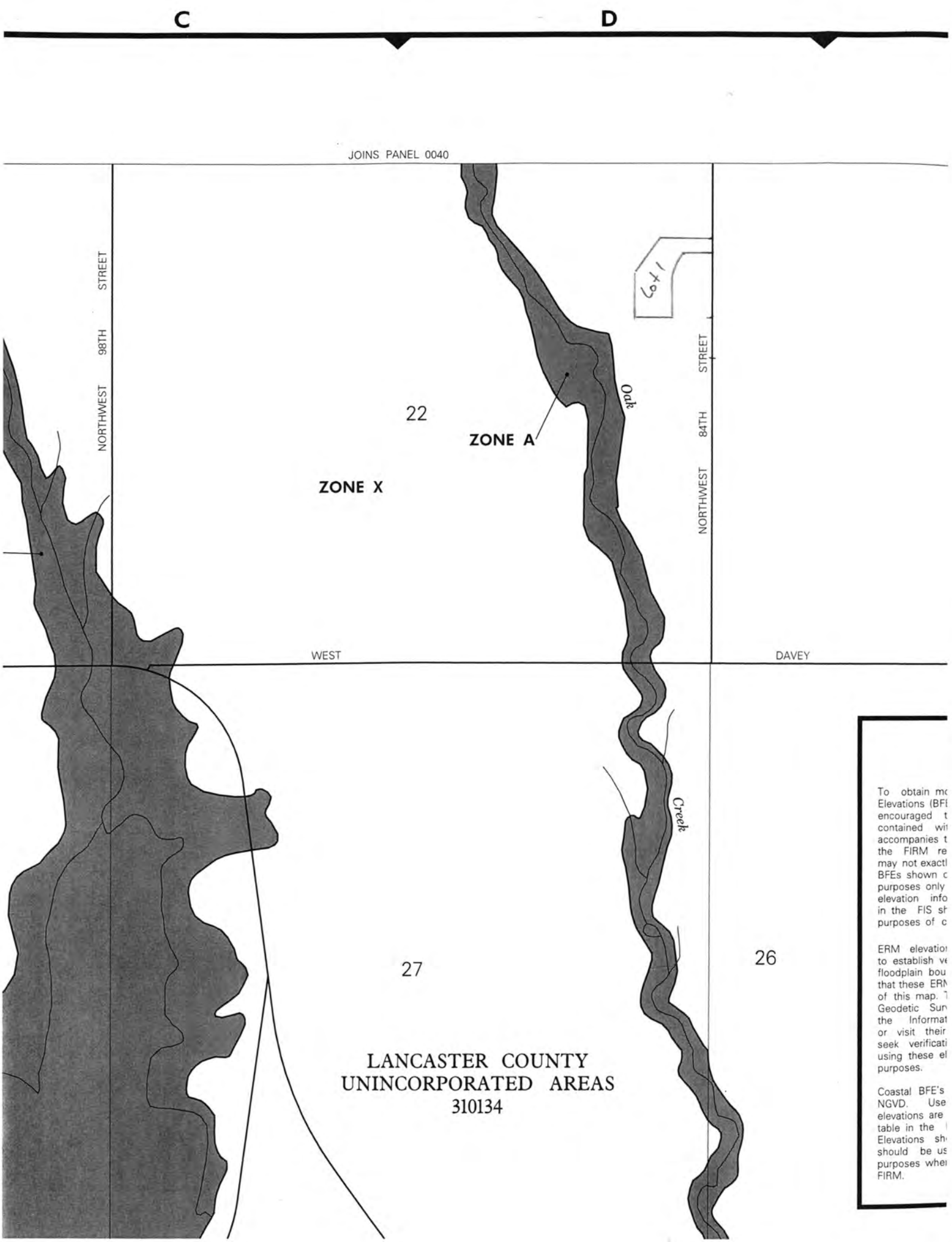
Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing




C
D
JOINS PANEL 0040
NORTHWEST 98TH STREET
NORTHWEST 84TH STREET
22
ZONE A
ZONE X
Oak
Creek
WEST
DAVEY
27
26
LANCASTER COUNTY
UNINCORPORATED AREAS
310134
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