Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003021

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380270301

Issued 08/29/03
Expires 02/29/04
Revenue Code 3157

Establishment: CHERI L BURKLUND
T12N R6E SEC 27 QTR SW
LOT 12IT
950 W BRANCHED OAK RD-RAYMOND

FEES: $200.00

Permittee: CHERI L BURKLUND
BOX 444
CERESCO NE 68017

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: 03360270301

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 950 W. Broucher Oak Rd. (no rural route) City Raymond. NE, Zip _____

Legal Description SW 1/4 27 12N 6E _____ 12 I.T.
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 Cheryl Burkhardt Signature _____

Address P.O Box 444 City/State/Zip Cerresco 68017

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

C. Contractor

Name Mike Rezac Company Name Rezac Const.

Address 140 N. 1st City/State/Zip Lincoln 68508

☐ Check if contractor designed system Work Phone 477-8844

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

Designer Name Ernest Well Firm _____ Work Phone 475-3276
Ben Ernest.

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 8/29/03 Date frwd 8/29/03 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
   8-29-03 mm
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8/29/03 Date frwd _____ **ACTION** ☑ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 8/29/03 Date frwd 8/29/03 **ACTION** ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Ron Mayard

Date 10-10-03

Business Office Use Only

Date Rec'd 08/29/03

Amt Paid 200.00

Rec'd By _____ ~~Cash~~/Check No. 5945

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

SOIL ABSORPTION TEST DATA REPORT

Location: Precinct _____ Section _____
Township 12 Range 6E
1/4 Section SW 1/4 27

Owner: Cheri Burklund
Address: P.O. Box 444 Ceresco, NE 68017
Test done at 1/4 mile East of NW 112th & W Branched Oak Road North side of Road

Property Dimensions: 20+ acres

Soil Type: Silty Clay ____ Silty Clay Loam X Sandy Loam ____ Silty Loam ____ Clay Loam ____ Sandy Clay ____

Dates of Tests: 5-24-03 to 5-25-03 Weather: Precip. Ø Temp. 70's

a.	b.	c	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.
		Pre-Saturation Period				Percolation Readings					Results	
		Start		End		Start			End			Water
Hole No.	Hole Depth (in.)	Date (Mo. Day)	Time (Hr. Min.)	Date (Mo. Day)	Time (Hr. Min.)	Date (Mo. Day)	Time (Hr. Min.)	Water Level (in.)	Time (Hr. Min.)	Water Level (in.)	Elapsed Time (Min.)	Level Drop (in.)
1	36	5-24	12:00pm	5-24	4:00pm	5-25	1:30pm	6	2:00pm	5	30	1
2	36	5-24	12:00pm	5-24	4:00pm	5-25	1:30pm	6	2:00pm	5	30	1
3	36	5-24	12:00pm	5-24	4:00pm	5-25	1:30pm	6	2:00pm	5¼	30	¾
4	36	5-24	12:00pm	5-24	4:00pm	5-25	1:30pm	6	2:00pm	5	30	1
5	36	5-24	12:00pm	5-24	4:00pm	5-25	1:30pm	6	2:00pm	4¾	30	1¼
6	36	5-24	12:00pm	5-24	4:00pm	5-25	1:30pm	6	2:00pm	5¼	30	¾
												6 1/4
												32

Sum of Water Level Drops (in.) (Column m): 5¾

Average of Water Level Drops (in.) (Column m): _____

Inches per Minute: 32 min

27-T12-R6E

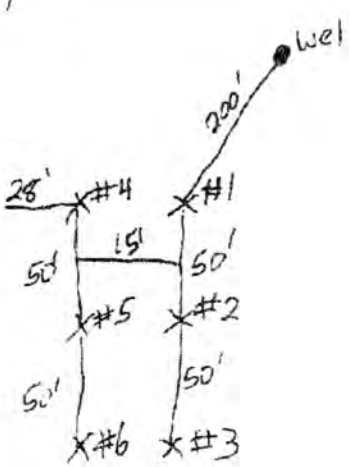
$30 \div \frac{3}{4} = 30 \times \frac{4}{3} = \frac{120}{3}$

$30 \div \frac{5}{4} = 30 \times \frac{4}{5} = \frac{120}{5} = 5\frac{20}{20}$

PERSON CONDUCTING TEST:
Name: Justin Peterson
Address: 7421 1st Street
Milford, NE 68405
Phone: (402) - 761-4414
Signature: Justin Peterson

Square Feet of Lateral per Bedroom: _____

SKETCH SHOWING HOLE LOCATION:



House Area

3-Bedroom
1825 Sq ft. - TALKED TO JERRY HOOD

Official's Signature

Aug 28 03 02:57p Earnest Well Drilling Inc 4027614281 p.3

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

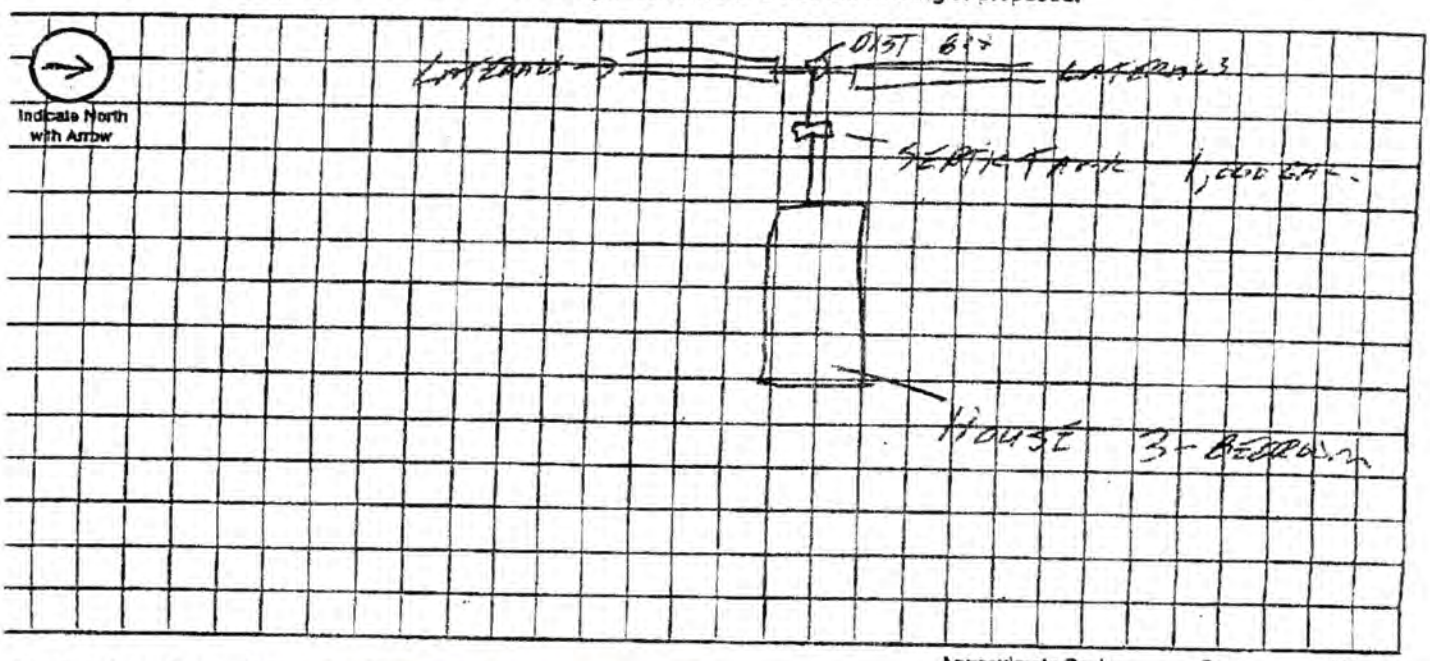
C

Permit Number: 033802703

950 W. Branched Oak Rd

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) 950 W. Branched Oak RD. City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other _____

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

Percolation Rate 32 (min. per inch) Soil Type: ~~Wabash silt loam~~ Marshall clay loam Land Slope: _____ %

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

Total Square Feet of Field Required: 825 sq. ft. 3 BdRm

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: INFILTRATOR 36"

Capacity of Septic Tank 1000 gals Number of Absorption Beds: 2 Number of Distribution Laterals per Bed 1

Total Length of Laterals 825 ft. Number of Trenches 2 Trench Width 3ft - 275 ft 36" 4ft - 206 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 Mark Kerk Date 8/28/03

Installer [signature] Earnest Well Drilling Date 8/28/03

RM 23-102 10-96

Aug 28 03 02:57p Earnest Well Drilling Inc 14027614281 p.2

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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 11/7/03

System Location (Indicate correct number and street)

Address 950W Branched Oak Rd. (no rural route) City Davey NE, Zip

A. Building Sewer

1. Material: class 160 PVC
   Diameter: 4" in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 50 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: ____
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 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 20 in.
8. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 100 ft.

C. Distribution Box

Drop

1. Material: PVC
   Number available outlets: 2
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: center To center 44' ft.

D. Absorption Field

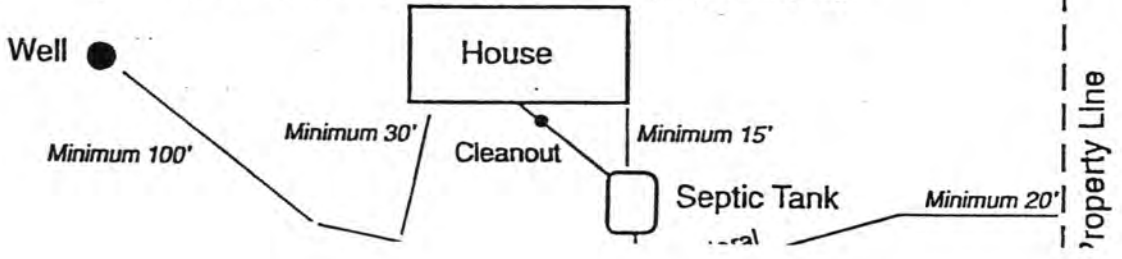
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 34" X 6.25"
   or perforated pipe: ____
   Material: ☒ fiberglass ☐ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 2
   Length of each line: 81.25 ft. 125 ft.
   ____ ft. ____ ft., ____ ft.
3. Trench dimensions: Width 4 ft.
   Slope Flat in/100 ft.
   Average depth 26 in
4. Filter material: Dirt
   Depth of material ____ in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

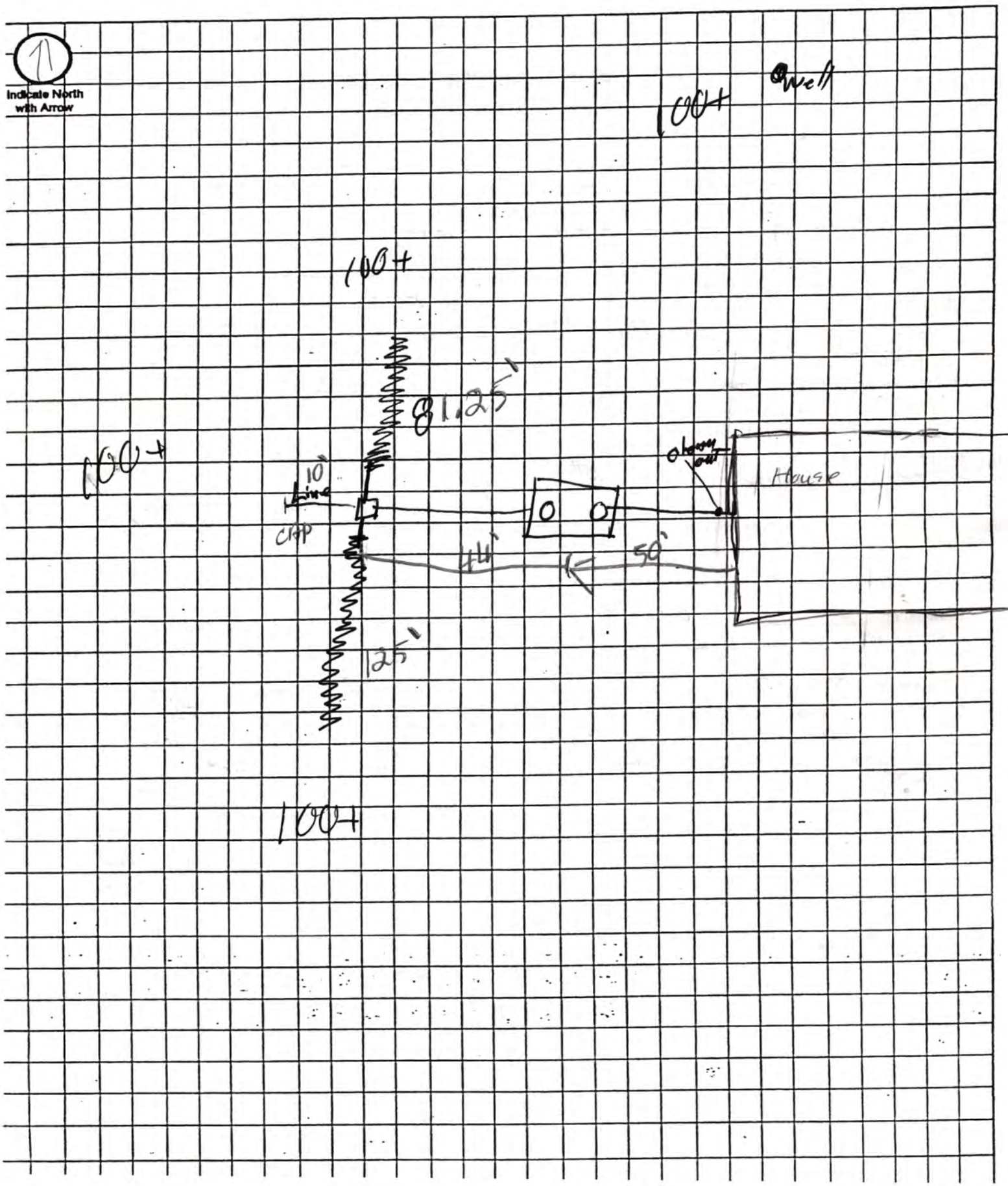
Indicate North with Arrow

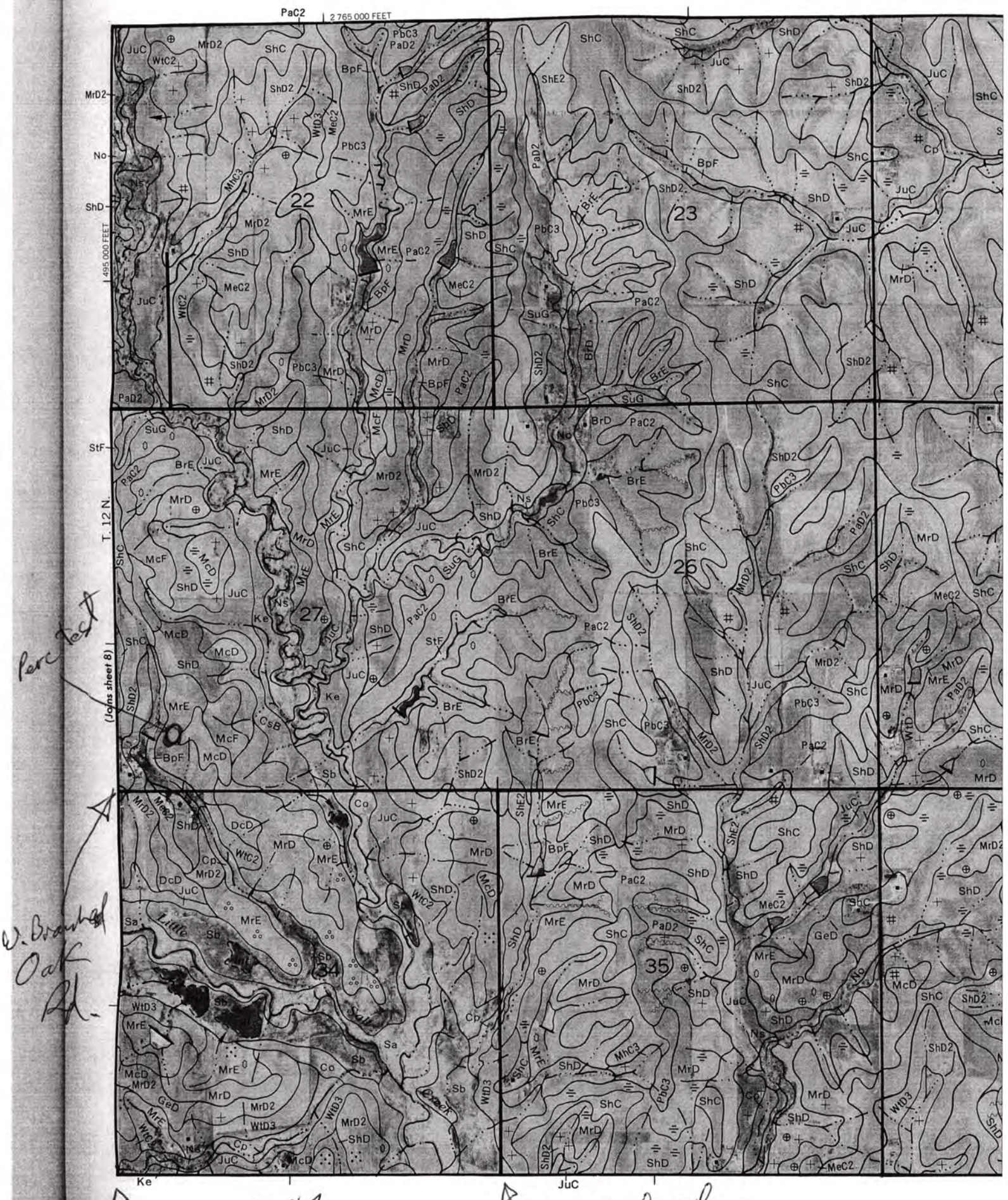
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



As Built Drawing




2 765 000 FEET
495 000 FEET
T. 12 N.
22
23
26
27
34
35
(Joins sheet 8)
Little Oak Creek
Perfect
W. Branch
Oak
Rd.
NW 12th
N. 1st St.