Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008043

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380306101

Issued 08/01/05
Expires 08/01/06
Revenue Code 3157

Establishment:
MANZITTO BROTHERS
T8N R7E SEC 16 QTR SE
PRESERVE @ CROSS CRK BLK 3 LOT 5
15600 S 63 ST

FEES: $200.00

Permittee:
MANZITTO BROTHERS
3341 PIONEERS BLVD
LINCOLN NE 68506

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: 05380306101

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 15600 S. 63rd St (no rural route) City Rola NE, Zip 68430

Legal Description SE (1/4) 1/4 16 (Section) 8N (Township) 7E (Range) The Preserve at Cross Creek (Subdivision) 3 (Addition) 5 (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 Mamitho Bros Signature _____

Address 3341 Pioneers Blvd City/State/Zip Lincoln NE 68502

☐ Check if owner designed system Home Phone 483-2302 Work Phone _____

C. Contractor

Name Sam Mamitho Jr Company Name Mamitho Brothers

Address 3341 Pioneers Blvd City/State/Zip Lincoln, NE

☐ Check if contractor designed system Work Phone 402-483-2302

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

Designer Name Lloyd Jakubek Firm Raymond Contracting, Inc Work Phone 402-890-6001

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 1 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 8/1/05 Date frwd 8/1/05 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-2-05 Date frwd 8-2-05 **ACTION** ☒ Approved ☐ Disapproved Signature _____
   * SYSTEM MUST BE CONSTRUCTED OUT OF F.P.
3. **City or County Engineer** Date rec'd 08/02/05 Date frwd _____ **ACTION** ☒ Approved ☐ Disapproved Signature _____
   ~~9/30/05 f.c.h. Not finished.~~

Installation Final Written Approval

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

Date OCTOBER 10, 2005

Business Office Use Only

Date Rec'd 8/1/05
Amt Paid $200.00
Rec'd By TW Cash/Check No. 5863

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: 053803061

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

The Preserve at Cross Creek
Sam Manzitto

Block 3 Lot 5

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 15600 S. 43rd St (no rural route) City Roca NE, Zip 68430

Owner Manzitto Bros Addresss 3341 Pioneers Lincoln, NE 68502

Soil Type (SCS): _____ Percolation Rate: 48 min./inch

Date of Tests 12-30-04 to 12-31-04 Weather: Precipitation D Temperature 39°

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	12/30	10:30	12/30	2:30	12/31	10:20	6	12/31	2:20	30	2 5/8	30/2.63 = 11
2	28	"	"	"	"	"	"	"	"	"	"	5/8	30/0.63 = 48
3	27	"	"	"	"	"	"	"	"	"	"	5/8	30/0.63 = 48
4	28	"	"	"	"	"	"	"	"	"	"	7/8	30/0.88 = 34
5	23	"	"	"	"	"	"	"	"	"	"	1 7/8	30/1.88 = 16
6	29	"	"	"	"	"	"	"	"	"	"	5/8	30/0.63 = 48

Sum of Percolation Rates: 205
Average of Rates: 34
Rate Used for Calculation: 48 (20 mpi Variance)

Person Conducting Percolation Tests

Name: Terri L. Jakubek, Raymond Contracting Inc
Phone: 402-783-2663 or 402-890-3870
Address 13800 NW 70th St Raymond, NE 68428
101198

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Gerald C. Hood R.E.H.S. Date AUGUST 1, 2005

FORM 23-101 10-96

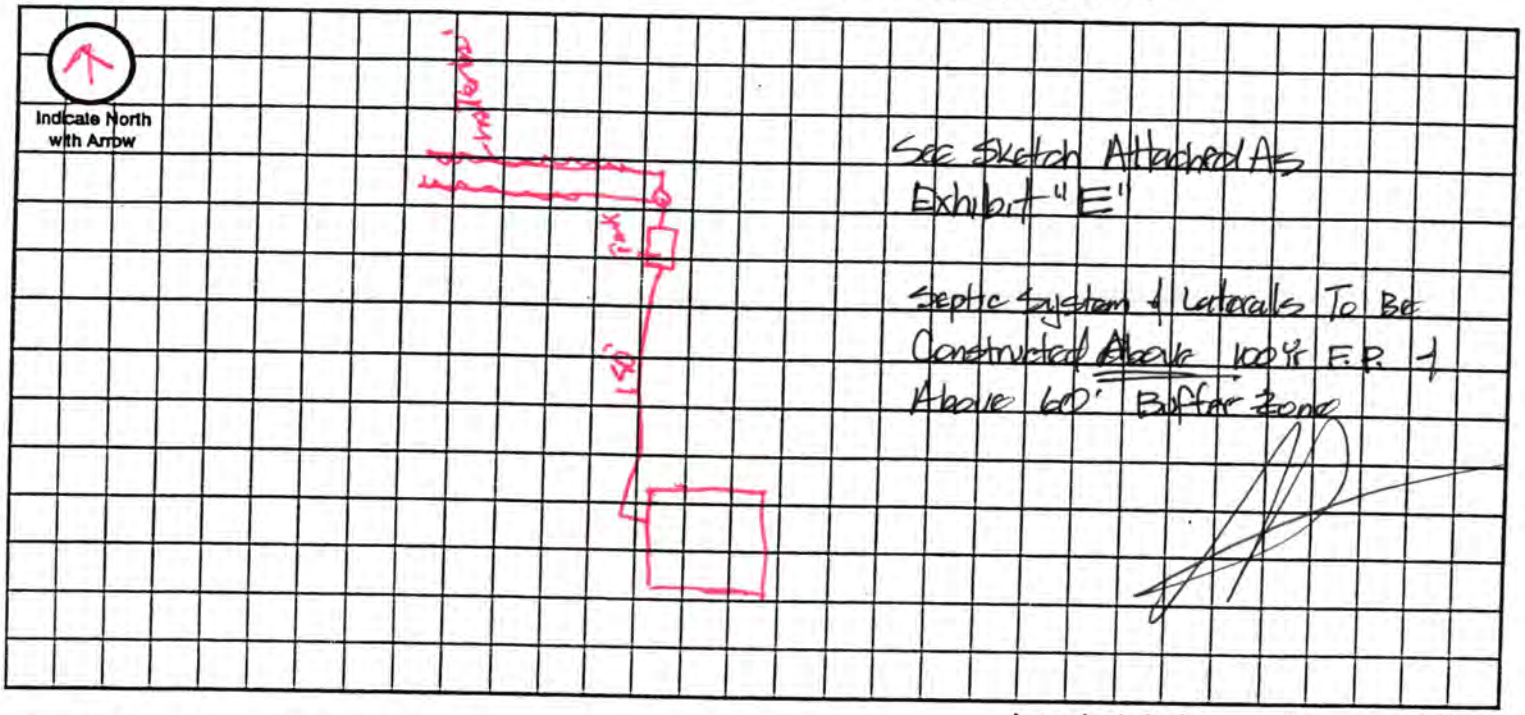
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
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C

Permit Number: 053803061

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) 15600 S. 63rd St City Roca NE, Zip 68430

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 48 (min. per inch) Soil Type: Judson Land Slope: _____ %

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

Total Square Feet of Field Required: 330 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: 4-10 Standard

Capacity of Septic Tank 1,000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 83 ft. Number of Trenches 1 Trench Width 4'

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

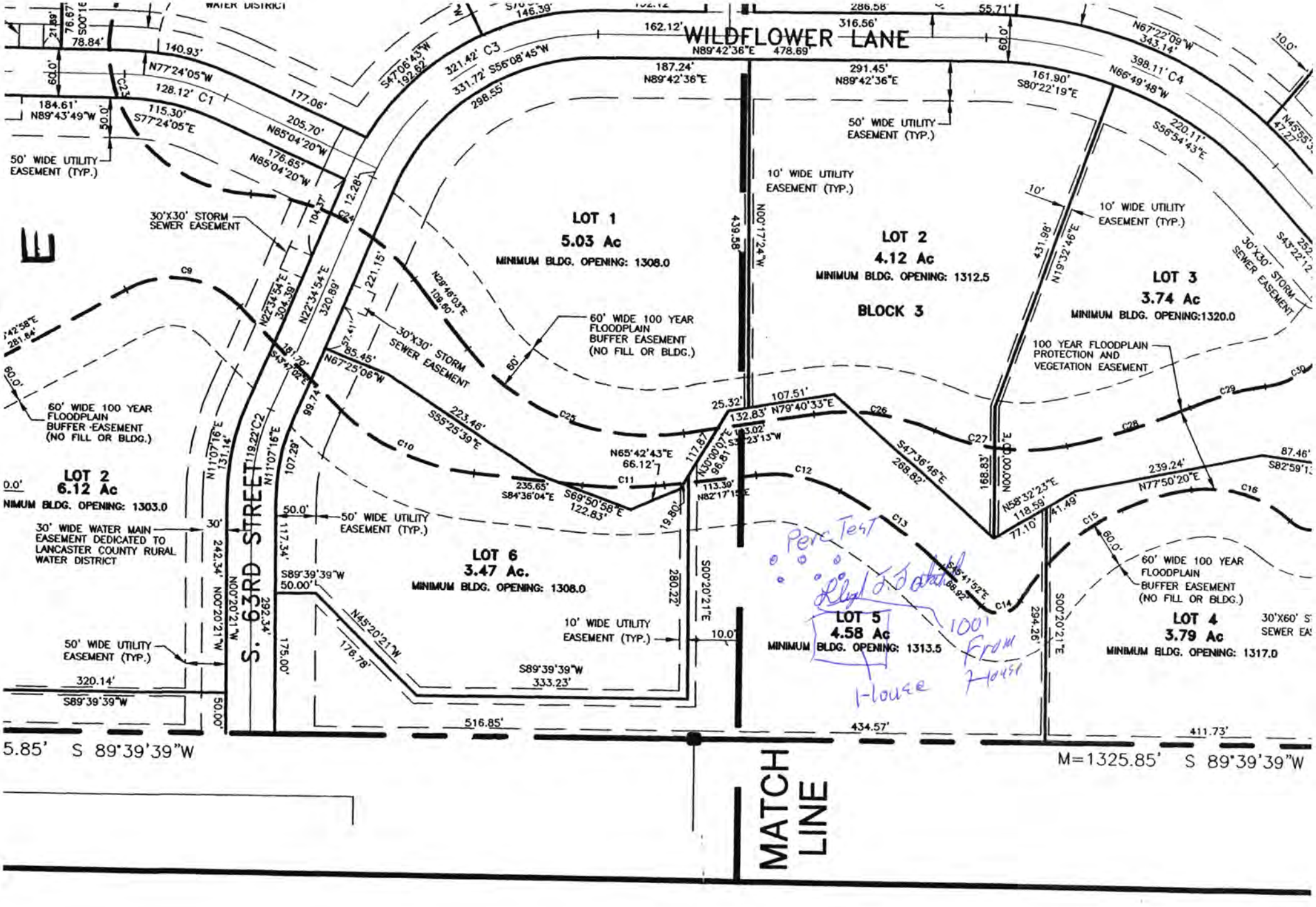
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☐	25 ☑	20 ☐	15 ☑	25 ☑	☑
Field (ft)	100 ☑	500 ☑	50 ☑	4 ☑	30 ☑	20 ☑	30 ☑	40 ☑	☑
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐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

E. Required Signatures

Home Building Contractor _____ Date 8/1/05

Installer _____ Date 8-1-05

As Built Drawing


WILDFLOWER LANE
N89°42'36"E 478.69'
S. 63RD STREET
LOT 1
5.03 Ac
MINIMUM BLDG. OPENING: 1308.0
LOT 2
4.12 Ac
MINIMUM BLDG. OPENING: 1312.5
BLOCK 3
LOT 3
3.74 Ac
MINIMUM BLDG. OPENING:1320.0
LOT 2
6.12 Ac
NIMUM BLDG. OPENING: 1303.0
LOT 6
3.47 Ac.
MINIMUM BLDG. OPENING: 1308.0
LOT 5
4.58 Ac
MINIMUM BLDG. OPENING: 1313.5
LOT 4
3.79 Ac
MINIMUM BLDG. OPENING: 1317.0
50' WIDE UTILITY EASEMENT (TYP.)
10' WIDE UTILITY EASEMENT (TYP.)
30'X30' STORM SEWER EASEMENT
60' WIDE 100 YEAR FLOODPLAIN BUFFER EASEMENT (NO FILL OR BLDG.)
100 YEAR FLOODPLAIN PROTECTION AND VEGETATION EASEMENT
30' WIDE WATER MAIN EASEMENT DEDICATED TO LANCASTER COUNTY RURAL WATER DISTRICT
Perc Test
Rkgl Ft Dakota
100' From House
MATCH LINE
M=1325.85' S 89°39'39"W
5.85' S 89°39'39"W

Lincoln-Lancaster County Health Department
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OCT 0 7 2005

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10-3-05

Zhamenacek

System Location (Indicate correct number and street)

Address 15600 S. 43rd St (no rural route) City Roca NE, Zip 68430

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 32 in.
3. Distance between dwelling and septic tank: 68 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: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade Agrate in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 36 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: Plastic
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 4 ft.

D. Absorption Field

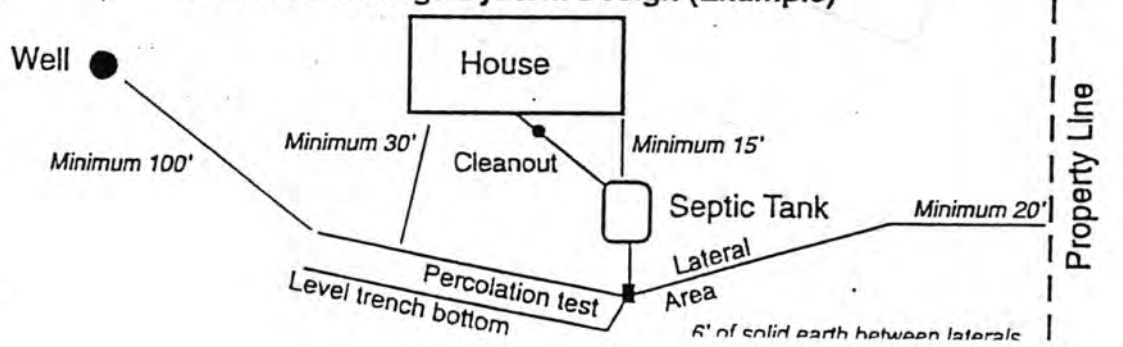
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 34" wide 12" Tall
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 125 ft. 125 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 40" ft.
   Slope FLAT in/100 ft.
   Average depth 32" in
4. Filter material: Dirt
   Depth of material 32" in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96