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

A

Permit Number: 06380320701

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 20600 SW Hollow ct (no rural route) City MARTELL NE, Zip NE 68404

Legal Description NW 1/4 (1/4) 4 (Section) 7N (Township) 6E (Range) FOUR STONES ADDITION (Subdivision) 1 (Addition) 8 (Block) (Lot)

Geographical Location (if known): Longitude N 40° 36' 31.2" Latitude W 096° 45' 18.3

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

B. Owner

Name STEVE GRUBER Signature [signature]

Address 2150 W. PANAMA RD City/State/Zip MARTELL, NE. 68404

☐ Check if owner designed system Home Phone _____ Work Phone (402) 525-8110

C. Contractor

Name GARY L. HOLLY Company Name HOLLY CONTRACTING CO.

Address 71860-567 AV City/State/Zip FAIRBURY, NE. 68352

☒ Check if contractor designed system Work Phone 402-587-0120

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 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 6/15/06 Date frwd 6/15/06	**ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood	
2. **Supt. Bldg. Insp. or Village Clerk**	Date rec'd 6-15-06 Date frwd 6-15-06	**ACTION** ☒ Approved ☐ Disapproved Signature [signature]	
3. **City or County Engineer**	Date rec'd 6/15/06 Date frwd 6/15/06	**ACTION** ☒ Approved ☐ Disapproved Signature [signature]	

Installation Final Written Approval

By [signature]

Date 8/18/06

Business Office Use Only

Date Rec'd 6/15/06
Amt Paid $275.00
Rec'd By TH Cash/Check No. 1658

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: 06380320?

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 20600 SW Hollow Ct (no rural route) City MARTELL NE, Zip NE 68404

Owner STEVE GRUBER Addresss 2150 W. PANAMA RD., MARTELL, NE. 68404

Soil Type (SCS): SILTY - SL. GRAVELLY YELTAN Percolation Rate: 37 MIN./INCH min./inch

Date of Tests 02/1/06 to 02/2/06 Weather: Precipitation OCNL LT. RAIN Temperature 34-40

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 Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
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)			
1	30"	021106	1310	021206	1100	021206	1100	6"	021206	1500	30	.625	48
2	↓	021106	1312	021206	↓	↓	1101	6"	021206	1501	30	.75	40
3		021106	1313	021206			1102	6"	021206	1502	30	1.00	30
4		021106	1313	021206			1103	6"	021206	1503	30	.75	40
5		021106	1315	021206			1104	6"	021206	1504	30	1.00	30
6		021106	1315	021206			1105	6"	021206	1505	30	1.00	30
7		021106	1316	021206			1106	6"	021206	1506	30	.625	48
8		021106	1316	021206			1107	6"	021206	1507	30	.75	40
9	↓	021106	1316	021206	↓	↓	1108	6"	021206	1508	30	1.00	30

Sum of Percolation Rates: 336

Average of Rates: 37.33

Rate Used for Calculation: 48 MIN/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

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date JUNE 15, 2006

FORM 23-101 10-96

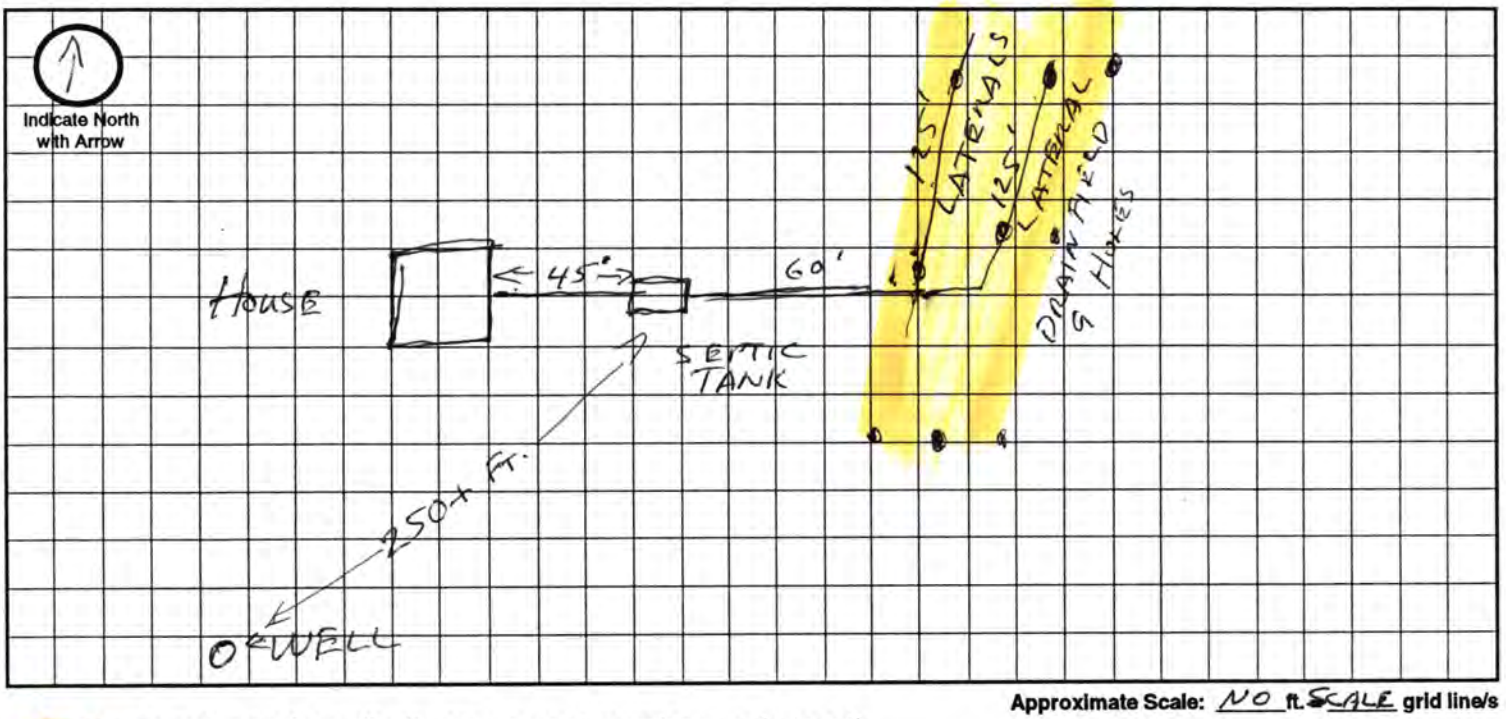
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

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: NO ft. SCALE grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 20600 SW Hollow Ct City MARTELL NE, Zip 68404

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: SILTY, SL. GRAVELLY Land Slope: 2 %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other GRAVELLESS CHAMBERS

Total Square Feet of Field Required: 990 sq. ft.

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

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 250 ft. Number of Trenches 2 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 Arthur Gruber GRUBER CONTRACTING LLC Date 06/09/06

Installer HOLLY CONTRACTING CO. GARY L. HOLLY Date 060906
Gary L Holly

FORM 23-102 10-96

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

D

Permit Number: 06380320701

Sewage Disposal System

As Built Plans & Specifications

Date Aug 18, 2006

System Location (Indicate correct number and street)

Address 20600 SW. Hollow Ct. (no rural route) City Martell NE, Zip 68404

A. Building Sewer

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

B. Septic Tank

1. Material: PLASTIC
   Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24" AT TANK REDUCED TO 12" AT SURFACE in.
   Over outlet, diameter 24" AT TANK REDUCED TO 12" AT SURFACE in.
   Riser: ☒ above ☐ below grade 2 in. (INSPECTION)
5. Inlet: ☐ baffle ☒ tee
6. Outlet: ☐ baffle ☒ tee
7. Depth to top of tank, below unfinished grade: 24 in.
8. Distances to: Well or suction line 390 ft.
   Stream 800+ ft.
   Pressure line 50 ft.
   NEAREST Property line 95' ~~100'~~ ft. ~~EAST~~ NORTH

C. Distribution Box DROP BOXES 3

1. Material: PLASTIC
   Number available outlets: _____
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: at 18'-28' 38' ft.

D. Absorption Field

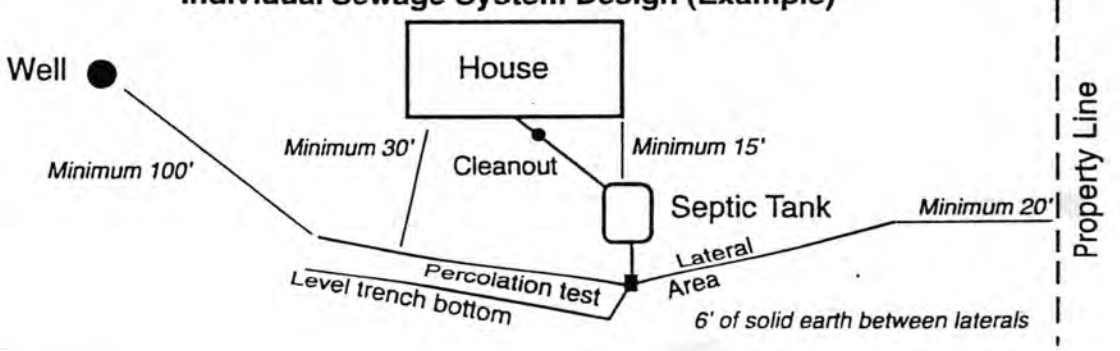
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe ☒ GRAVELLESS CHAMBERS
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 118.75 ft. 118.75 ft.
   118.75 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3' ft.
   Slope LEVEL in/100 ft.
   Average depth 32" in
4. Filter material: NATURAL
   Depth of material 20 in.
5. Distances to: Well or suction line 390 ft.
   Stream 800+ ft.
   Pressure line 75+ ft.
   NEAREST Property line 44' ft. EAST

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

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

009046

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 06380320701

Issued 06/15/06
Expires 06/15/07
Revenue Code 3157

Establishment: STEVE GRUBER
T7N R6E SEC 4 QTR NW
FOUR STONES ADDN BLK 1 LOT 8
20600 SW HOLLOW CT

FEES: $275.00

Permittee: STEVE GRUBER
2150 W PANAMA RD
MARTELL NE 68404

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

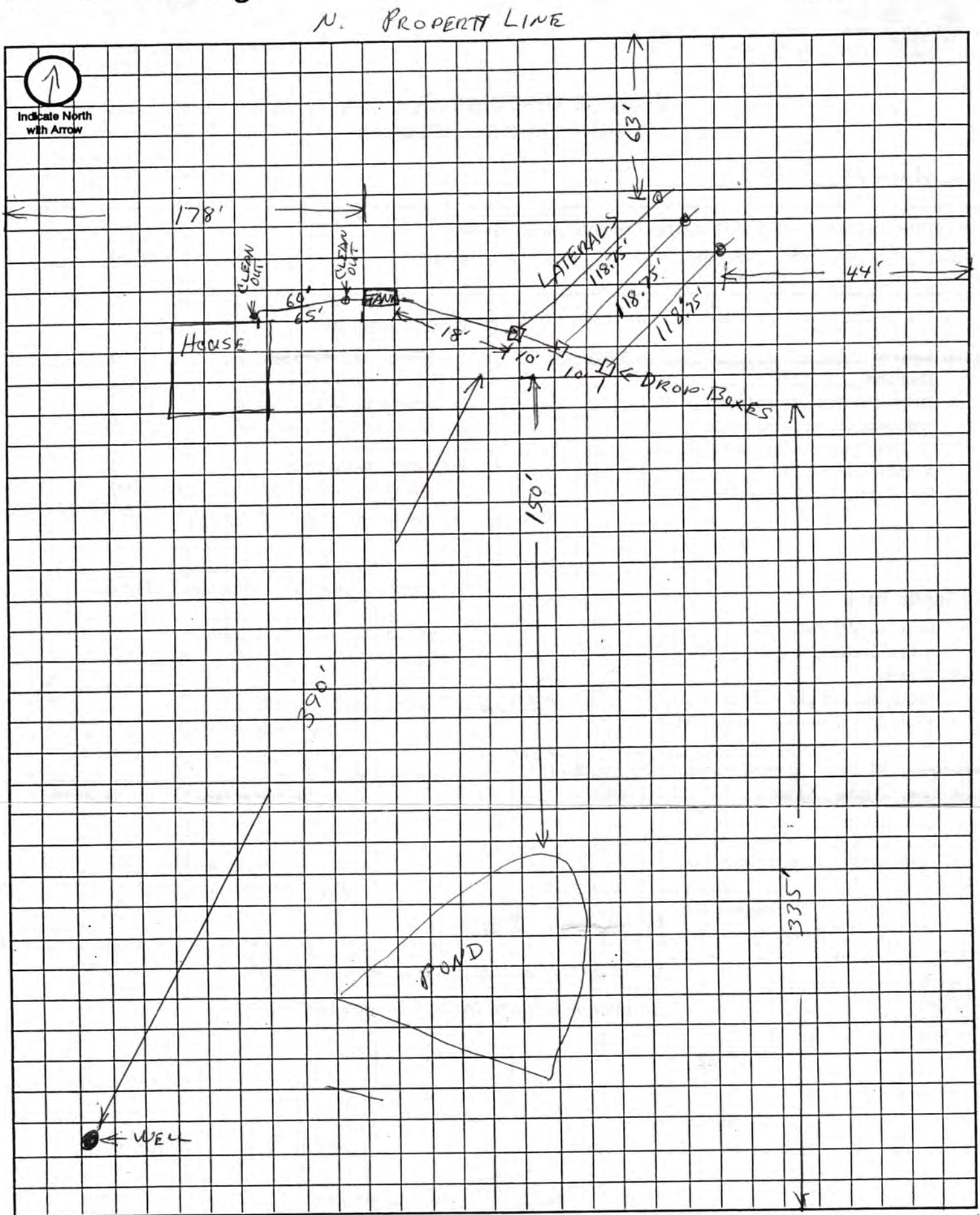
EPH COPY

GPS SEPTIC INLET 40-36 31.0
096 45 19.4

DRAIN FIELD So. END 40 36 30.8
096 45-19.1

No. END 40 36 31.5
096 45 18.0

As Built Drawing



Approximate Scale: _____ ft. = _____ grid line/s

NO SCALE