Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, NE 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000496

System Type: STANDARD

Situs: 6500 W REMINGTON DR

Legal Description: T10N-R05E-S36-2-Lot 1

Owner:

Permit Fee:	$335.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$335.00

Issued: 05/26/2011
Expires: 05/25/2012

Judith A Halstead

Judith A. Halstead, MS, Health Director

On-site Waste System Permit Holder:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead

Judith A. Halstead, MS
Health Director

ASPEN BUILDERS
1633 NORMANDY CT SUITE B
LINCOLN NE 68512

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

A

Permit Number: HS000496

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 6600 W. Remington (no rural route) City Lincoln NE, Zip 68532

Legal Description 1/4 1/4 Section 36 Township 10 Range 5 Subdivision West Van Dorn Heights Addition 2 Block 1 Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Todd Henkel Signature Kathleen for Todd Henkel

Address _____ City/State/Zip _____

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

C. Contractor

Name Bob Beaver Company Name Aspen Builders

Address 1633 Normandy Ct. City/State/Zip 68532

☒ Check if contractor designed system Work Phone 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 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 5/26/11 Date frwd 5/26/11
   ACTION ☑ Approved ☐ Disapproved
   Signature _____

2. **Supt. Bldg. Insp. or Village Clerk**
   Date rec'd 5-26-11 Date frwd 5-26-11
   ACTION ☑ Approved ☐ Disapproved
   Signature _____

3. **City or County Engineer**
   Date rec'd 5-26-11 Date frwd 5-26-11
   ACTION ☒ Approved ☐ Disapproved
   Signature Jim Plough

Installation Final Written Approval

By _____

Date 9/27/11

Business Office Use Only
Date Rec'd 5-26-11
Amt Paid 335.00
Rec'd By BA Cash/Check No. 7882

RM 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:

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 6800 W. Remington (no rural route) City Lincoln NE, Zip 68532

Owner Todd Henkel Address

Soil Type (SCS): Percolation Rate: 30 min./inch

Date of Tests 5-12 to 5-13 Weather: Precipitation Cloudy Temperature 50°

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	5-12	12p	5-13	2pm	5/13	2:10	34	5-13	3:10	60	2.25	26.6
2							:12	33		:12		2.50	24
3							:14	33		:14		2.00	30
4							:16	34		:16		2.50	24
5							:18	35		:18		2.75	22
6							:20	34		:20		2.00	30

Person Conducting Percolation Tests

Name: Bob Bunes
Phone: 4169660
Address 1633 Normandy Ct. Lincoln, NE

Sum of Percolation Rates: 157
Average of Rates: 26.17
Rate Used for Calculation: 30

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-98

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

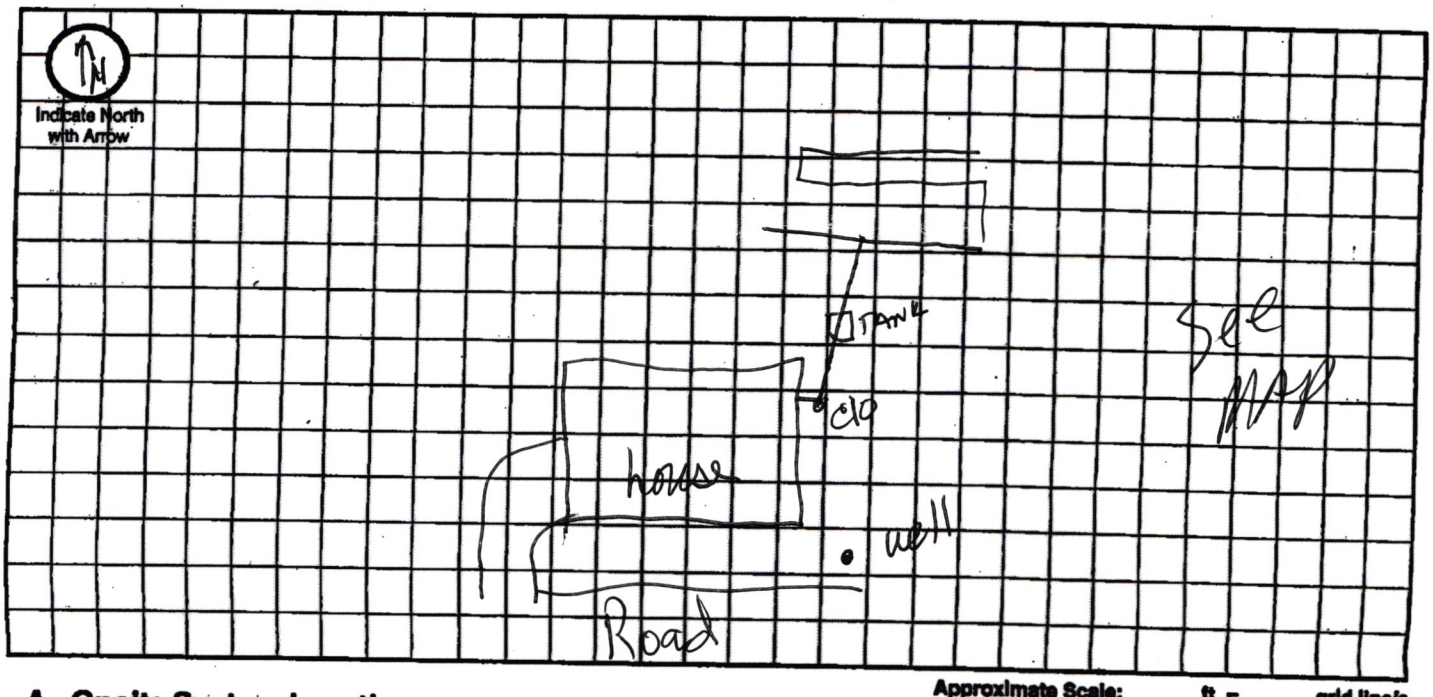
C

Permit Number:

Onsite Wastewater Treatment System

Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop of distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of groundwater flow, property lines, and reserve area for replacement onsite system.



Approximate Scale: _____ft. = _____ grid line/s

A. Onsite System Location

Address (no rural route) 6600 W. Remington City Lincoln NE, Zip 68532

B. Proposed Septic Tank/s

Septic Tank Cap. 1500 gals Tank Material: ☐ Concrete ☒ Plastic ☐ Other_____ ☐ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☒ Drainfield Absorption Area (percolation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate 30 (min/inch = mpi) No. of Bedrooms 5 Soil Type_____ Land Slope 1 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1250 sq.ft.

Total length of laterals 312 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 3 Width 3' No. of drop boxes 0 Distrubtion Box 0

No. of absorption beds_____ Width_____ No of Distribution lines per bed_____

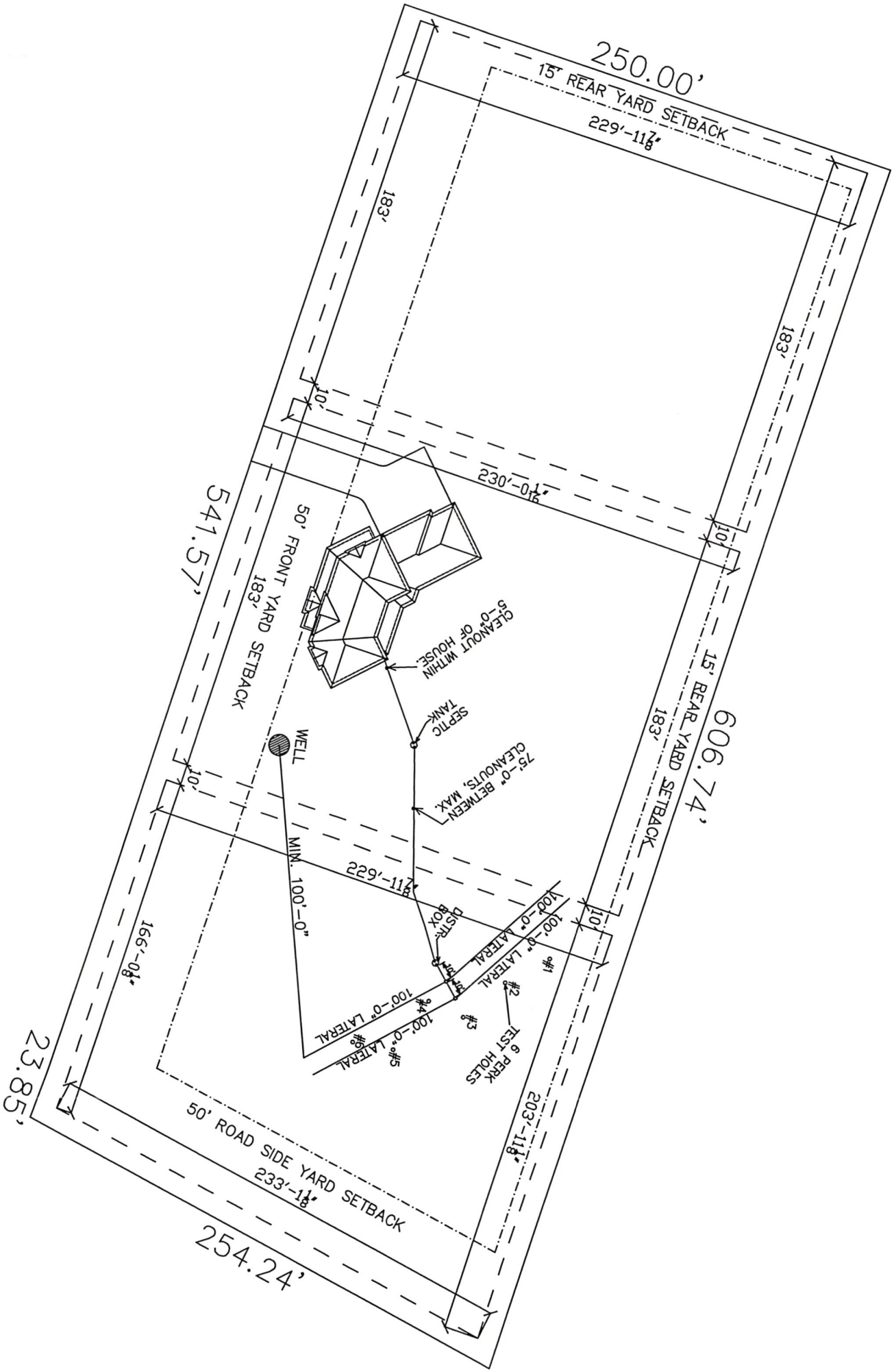
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 ☐	☐

F. Required Signatures

Home Building Contractor_____ Date 5-13-11

Installer_____ Date_____


250.00'
15' REAR YARD SETBACK
229'-11⅞"
183'
183'
10'
230'-01⅛"
10'
541.57'
50' FRONT YARD SETBACK
183'
CLEANOUT WITHIN 5'-0" OF HOUSE
SEPTIC TANK
75'-0" BETWEEN CLEANOUTS, MAX.
WELL
10'
MIN. 100'-0"
229'-11⅞"
DISTR. BOX
100'-0" LATERAL
100'-0" LATERAL
100'-0" LATERAL
100'-0" LATERAL
#1
#2
#3
#4
#5
6 PERK TEST HOLES
166'-08"
606.74'
15' REAR YARD SETBACK
183'
10'
203'-11⅛"
23.85'
50' ROAD SIDE YARD SETBACK
233'-1⅛"
254.24'

OCT 17 2011

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

D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

Date 10-9-11

System Location (Indicate correct number and street)

Address 6600 W. Remington (no rural route) City Lincoln NE, Zip 68532

A. Building Sewer

1. Material: PVC
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 10 in.
3. Distance between dwelling and septic tank: 50' ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100 ft.
   stream - ft.
   pressure line - ft.
   property line 300 ft.

B. Septic Tank

1. Material: PVC
   Number of compartments: 1
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 12 in.
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 100 ft.
   Stream - ft.
   Pressure line - ft.
   Property line 300 ft.

C. Distribution Box

1. Material: -
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

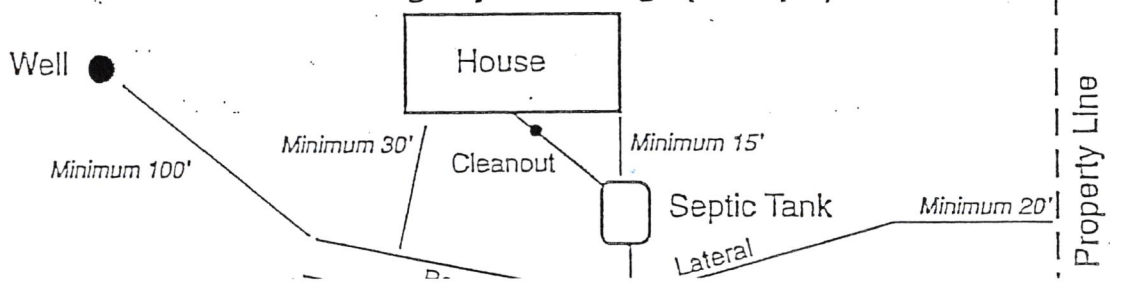
(Provide as-built drawings on back of this form)

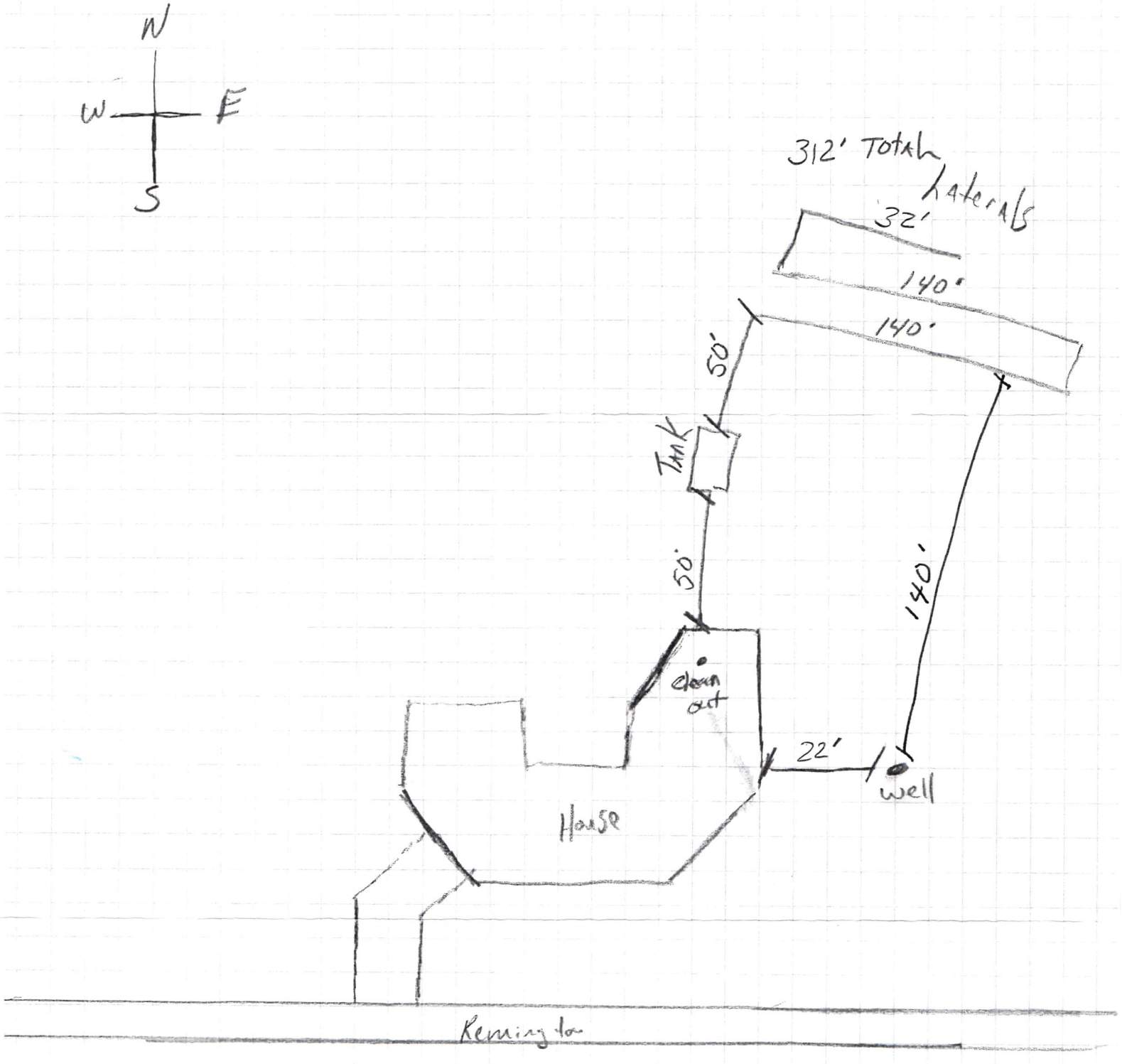
1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other Chambers
2. Lateral lines: Number 3
   Length of each line: 140 ft. 140 ft.
   32 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3' ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: -
   Depth of material - in.
5. Distances to: Well or suction line 140 ft.
   Stream - ft.
   Pressure line - ft.
   Property line 40 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)





6620 West Remington