Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

DEC 11 2013

A

Permit Number
H5000854

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☑ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address TBD SW 91ST STREET (no rural route) City LINCOLN, NE Zip 68528

Legal Description LOT 2, BLOCK 2, CONESTOGA LAKE ESTATES ADDN, LLCN

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID

B. Owner

Name ASPEN BUILDERS, INC Signature

Address 1633 NORMANDY COURT, SUITE B City/State/Zip LINCOLN, NE, 68512

Home Phone Work Phone 402. 423. 6811

C. Certified Installer

Name: Bob Benes Signature

Address 1633 Normandy Ct. City/State/Zip Lincoln, NE 68512

Work Phone 423-6811

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☑ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☐ Yes ☑ No Total Acres 3.1
Garbage Grinder? ☑ 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. 02-30

1. Health Department
Site visits
Comments
Date rec'd 12/12/13
Date frwd 12/12/13
ACTION ☑ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 12/12/13
Date frwd 12/12/13
ACTION ☑ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 12-12-13
Date frwd 12-12-13
ACTION ☒ Approved ☐ Disapproved
Signature Jim Blouch

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 12-12-13 Amount Paid 365.00
Received By LC Cash/Check No. 13981

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1/13

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 TBD SW 91ST STREET (no rural route) City LINCOLN NE, Zip 68528

Owner ASPEN BUILDERS Address 1633 NORMANDY COURT, LINCOLN, NE 68512

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

Date of Tests 11-24 to 11-25 Weather: Precipitation dry 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	11-24	10 AM	11-25	10 AM	11-25	10:00	33"	11-24	:30	30	5/8	50
2	34						:01	34"		:31		5/8	50
3	36						:03	34"		:33		1/2	60
4	36						:04	33"		:34		1/2	60
5	36						:05	32"		:35		3/4	40
6	36						:06	32"		:36		3/4	40

Person Conducting Percolation Tests

Name: Bob Barnes

Phone: 416-9660

Address 1633 Normandy Ct 68512

Sum of Percolation Rates: 300

Average of Rates: 50

Rate Used for Calculation: 50

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

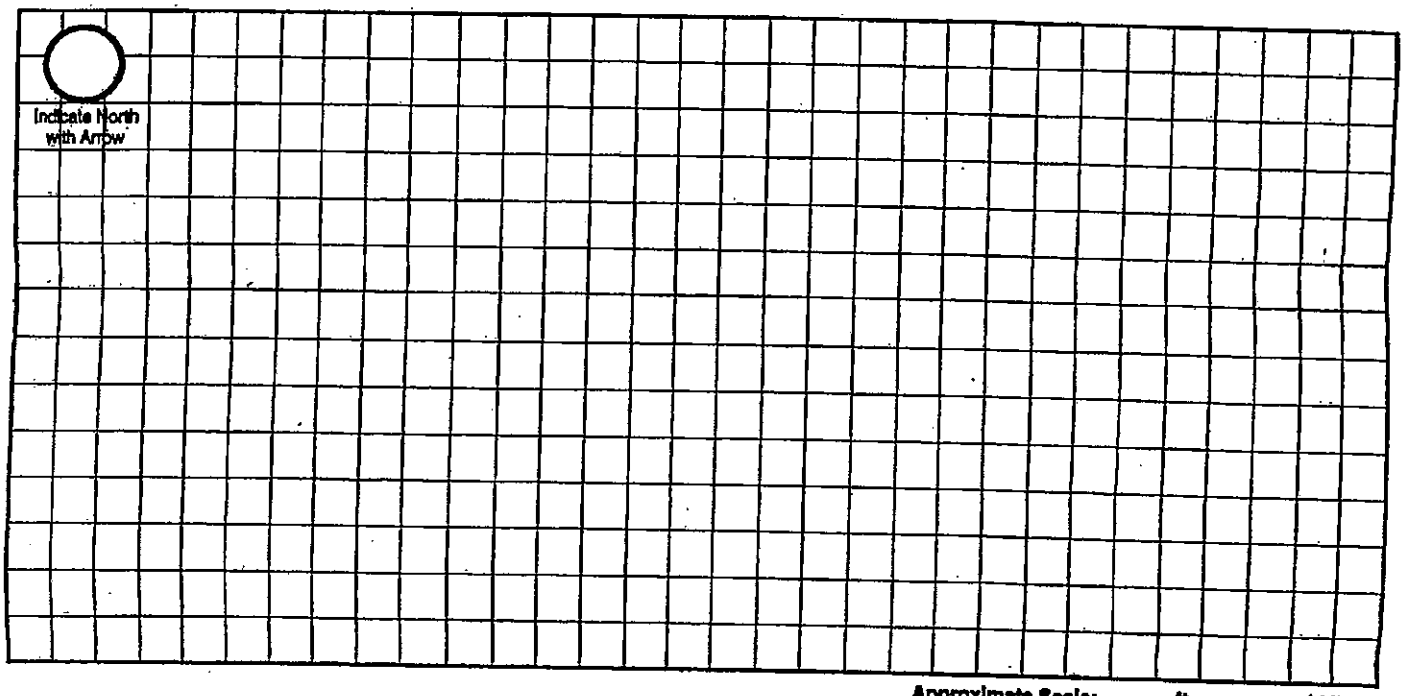
C

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) TBD SW 91ST STREET City LINCOLN NE, Zip 68528

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 60 (min/inch = mpi) No. of Bedrooms 4 Soil Type Otoe Land Slope 1 %

☑ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1320 sq.ft.

Total length of laterals 330 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 12-6-13

Installer_____ Date 12-6-13

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

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS000854

System Type: Standard

Situs: No Site Address Specified

Issued: 12/17/2013

Expires: 12/17/2014

Description: CONESTOGA LAKE ESTATES, BLOCK 2, Lot 2

Owner: WEBB, TROY & CHRISTY
1733 SW 32 ST
LINCOLN, NE 68522

Judith A Halstead
Judith A. Halstead, MS, Health Director

Dear Applicant:

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

SCANNED

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

DEC 11 2013

A

Permit Number H5000854

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☑ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

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Legal Description LOT 2, BLOCK 2, CONESTOGA LAKE ESTATES ADDN, LLCN

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID

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Name ASPEN BUILDERS, INC Signature

Address 1633 NORMANDY COURT, SUITE B City/State/Zip LINCOLN, NE, 68512

Home Phone Work Phone 402. 423. 6811

C. Certified Installer

Name: Bob Benes Signature

Address 1633 Normandy Ct City/State/Zip Lincoln, NE 68512

Work Phone 423-6811

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☑ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☐ Yes ☑ No Total Acres 3.1

Garbage Grinder? ☑ 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. 02-30

1. Health Department
Site visits
Comments
Date rec'd 12/12/13
Date frwd 12/12/13
ACTION ☑ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd 12/12/13
Date frwd 12/12/13
ACTION ☑ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd 12-12-13
Date frwd 12-12-13
ACTION ☒ Approved ☐ Disapproved
Signature Jim Blouch

Installation Final Written Approval
By
Date 7/16/14

Business Office Use Only
Date Received 12-12-13 Amount Paid 365.00
Received By LC Cash/Check No. 13981

White - Health Department Yellow - Engineer Pink - Building & Safety

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
H3000854

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address TBD SW 91ST STREET (no rural routes) City LINCOLN, NE Zip 68588

1633 NORMANDY COURT LINCOLN NE 68512

Legal Description LOT 7, BLOCK 2, CONESTOGA LAKE ESTATES ADDN, LCN

1/4	1/4	Section	Township	Range	Subdivision	Addition	Block	Lot

PID

B. Owner

Name ASPEN BUILDERS, INC Signature

Address 1633 NORMANDY COURT, SUITE B City/State/Zip LINCOLN NE 68512

Home Phone Work Phone 402. 423. 6811

C. Certified Installer

Name Bob Benes Signature

Address 1633 Normandy Ct City/State/Zip Lincoln NE 68512

Work Phone 423.6811

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

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Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

1. Health Department

Site visits

Comments

Date rec'd 12/12/13
Date frwd 12/12/13

ACTION ☐ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk

Comments

Date rec'd
Date frwd

ACTION ☑ Approved ☐ Disapproved
Signature

3. City or County Engineer

Comments

Date rec'd 12/16/13
Date frwd 12/16/13

ACTION ☑ Approved ☐ Disapproved
Signature

Installation Final Written Approval

By

Date 2/16/14

Business Office Use Only
Date Received Amount Paid
Received By 12-12-13 Cash/Check# 350.00
LC 15981

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated 1/13

AUG 08 2014

D

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

Permit Number: HS 854

Sewage Disposal System

As Built Plans & Specifications

Date 8-5-14

System Location (Indicate correct number and street)

Address 3938 SW 91st (no rural route) City Denton NE, Zip 68339

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: 85 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 50 ft.
   stream - ft.
   pressure line - ft.
   property line 50 ft.

B. Septic Tank

1. Material: Fiberglas
   Number of compartments: 2
2. Capacity: 2-1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☒ above ☐ below grade 6 in.
5. Inlet: ☐ baffle ☒ tee
6. Outlet: ☐ baffle ☒ tee
7. Depth to top of tank, below unfinished grade: 18 in.
8. Distances to: Well or suction line 120 ft.
   Stream - ft.
   Pressure line 130 ft.
   Property line 160 ft.

C. Distribution Box

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

D. Absorption Field

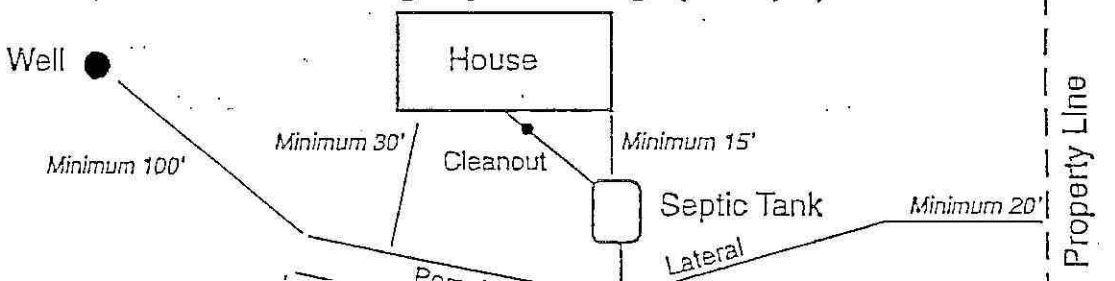
(Provide as-built drawings on back of this form)

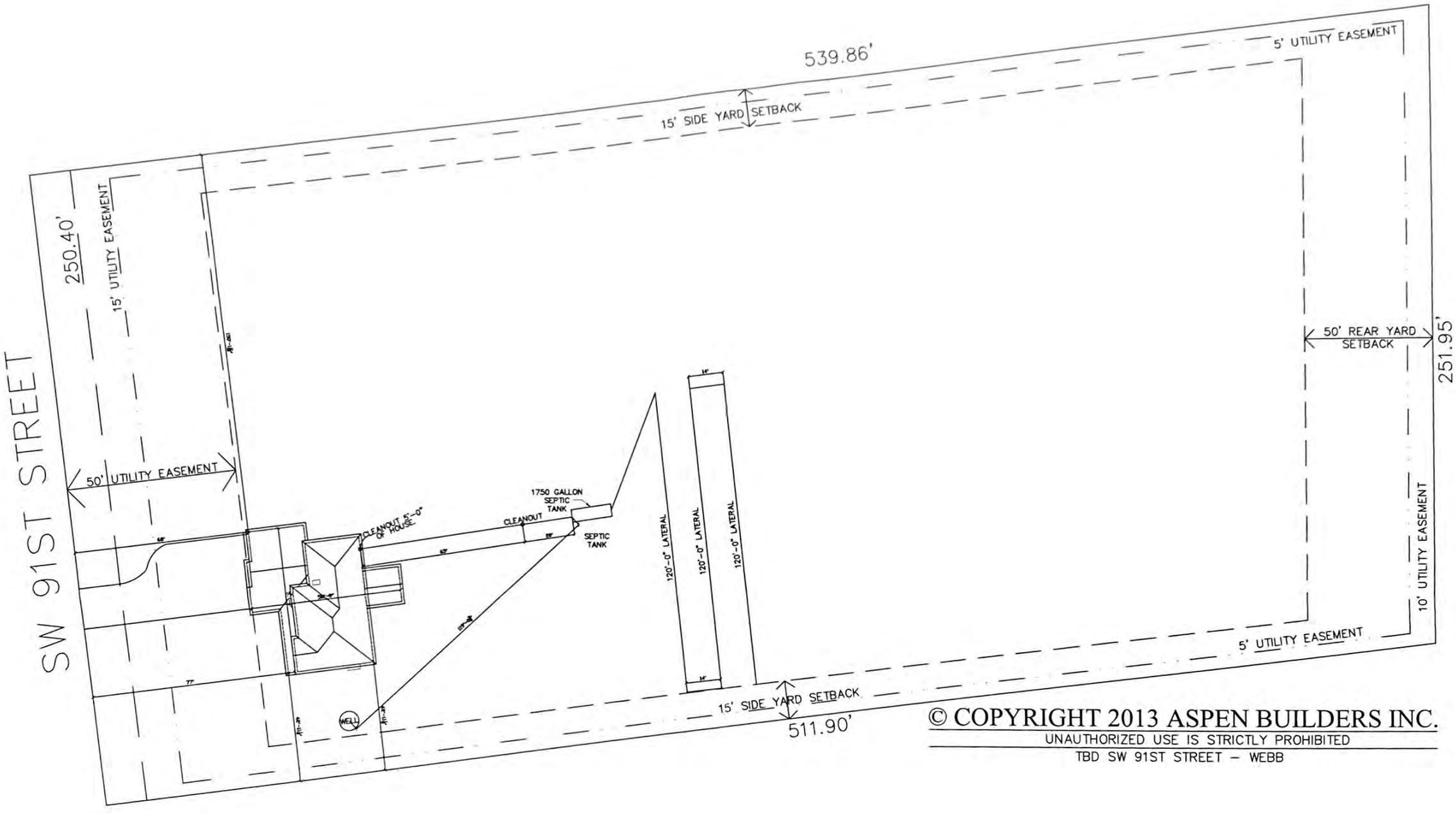
1. Type: ☐ Half rounds ☐ Perforated pipe chambers
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other gravelless chambers
2. Lateral lines: Number 3
   Length of each line: 120 ft. 120 ft.
   125 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3' ft.
   Slope 0 in/100 ft.
   Average depth 39 in
4. Filter material: none
   Depth of material _____ in.
5. Distances to: Well or suction line 120 ft.
   Stream - ft.
   Pressure line 130 ft.
   Property line 25 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)





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TBD SW 91ST STREET – WEBB