



**Arkansas Department of Health**  
 Division of Environmental Health Protection  
 4815 West Markham, Little Rock, Arkansas 72205-3867

FEB 14 2005

Receipt No. 142300

BENTON COUNTY HEALTH UNIT

- New Installation
- Alteration
- Repair

①

**Individual Sewage Disposal System Permit Application**

**Part 1 Specifications**

STD = Standard System     SRL = Serial Distribution     CPF = Capping Fill     LPP = Low Pressure Pump  
 RPF = Rock Plant Filter     HLD = Holding Tank     ISF = Intermittent Sand Filter     RSF = Recirculating Sand Filter  
 OXD = Oxidation Lagoon     MTP = Mechanical Treatment Plant     OTH = Other

1 Owner's Name: **Wolfe Boat Works Inc.**    2 Phone Number: **479-770-0050**

3 Mailing Address: **118 "C" West Apple Blossom**    City: **Lowell**    State: **AR**    Zip: **72745**    4 County: **Benton**

5 Address of proposed system (if a 911 address is not available, attach detailed directions or map):  
**911: 14101 E. Hwy 12, Rogers**

6 Subdivision Name: **NA**    7 Approval Date:    8 Date Recorded:    9 Lot Number: **2 & 3**

10 Lot Dimensions: **See attached**    11 Total Area (Acres): **2.01**    12 No. of bdrms OR No. of persons (commercial): **2 EMP + 10 patron/day**    13 Est. Daily Flow (GPD): **80**

14 Brief Legal Description of Property (attach a separate sheet if necessary):  
**PT of the NW 1/4, NE 1/4, Section 9 & PT of the SW 1/4, SE 1/4, Section 4, Township 19 N, Range 29 W**

15 Water Supply (specify supplier if public water): **Rogers**    16 Distance to Nearest Public Sewer System (specify sewer system): **> 2 miles**

17 Soil Determination (Primary Area) Indicate the depth to items a-f if observed in the soil (designate in inches)

a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C. / Depth	h. Loading Rate (GPD / ft <sup>2</sup> )
NA		25"					.59

18 Soil Determination (Secondary Area) Indicate the depth to items a-f if observed in the soil (designate in inches)

a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C. / Depth	h. Loading Rate (GPD / ft <sup>2</sup> )
same		25"					.59

19 Percolation Test (min / in) - suitable soils only

Rate for Hole 1	<b>NA</b>
Rate for Hole 2	
Rate for Hole 3	
Alt. Area Perc.	
Average Perc. (1-3)	

20 System Design

a. Size of Septic Tank	<b>1000</b>	GAL	f. Trench Depth	<b>18</b>	in
b. Size of Dose Tank		GAL	g. Trench Spacing	<b>10</b>	ft
c. Absorption Area	<b>212</b>	ft <sup>2</sup>	h. Remarks		
d. Number of Field Lines	<b>2</b>				
e. Length of Field Lines	<b>65</b>	ft			

21 Sketch of Site and System Layout  
 Attach a minimum 8 1/2 X 11 inch sketch showing property lines, building locations, location of soil evaluation pits, location of percolation test holes, disposal system location and layout, location of alternate disposal field, location of wells, driveways, and any additional information affecting system location. Disposal system layout must be drawn to a minimum scale of 1" = 30'. Also indicate on the layout: distance from the system to wells, distance from the system to the two nearest property lines, and distance from wells to property lines.

22 I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations pertaining to Individual Sewage Disposal Systems.

Rebecca L. Corbitt    RS, PSC    1136373  
 Signature    Title    D.R. Number  
Rebecca L. Corbitt    02/10/05    479-466-6183  
 Typed Name    Date    Phone Number

23 Approval of Health Authority: The information above has been reviewed and found to meet the requirements of the Arkansas Department of Health for Individual Sewage disposal systems. A PERMIT FOR CONSTRUCTION is hereby issued.

Environmental Health Representative: Danny May    Date: 2-17-05

**Part 2 Installation Inspection**

Stub-out Depth (top of pipe)	Dose Tank Material
Septic Tank Inlet Depth (top of pipe)	Pump Make and Model
Septic Tank Size <b>1000</b> GAL	Media Used in Absorption System <b>pipe &amp; gravel</b>
Septic Tank Manufacturer <b>piles</b>	Depth of Curtain Drain ft
Tank Material <b>concrete precast</b>	Depth of Settled Capping Fill ft
Dose Tank Size GAL	Pump Run Duration min sec
Dose Tank Manufacturer	Pump Rest Duration min sec
GPS Reading	Other Information
Latitude Longitude	<b>2 @ 70' installed</b>
Name of Installer <b>John Larson</b>	License Number <b>1028</b>
Environmental Health Specialist <b>X</b>	Date <b>4-17-2005</b>

**Part 3 Permit for Operation**

The information contained in Part 1 and Part 2 of this form has been reviewed and found to meet the requirements of the Arkansas Department of Health. The PERMIT FOR OPERATION of this system is hereby issued.

Environmental Health Specialist <b>[Signature]</b> RS 781	Date <b>25 Apr 2005</b>
Comments <b>* No final inspection, installer given approval to shoot &amp; cover system due to time constraints</b>	

**TO THE OWNER**

The Arkansas Department of Health requires a \$30.00 fee to be paid by the property owner to the Arkansas Department of Health. Please attach payment to the Application and System Layout and submit in triplicate to your local Environmental Health Specialist at the local County Health Unit for approval.

The permit for construction may be deemed invalid by the local Environmental Health Specialist before construction if the site and/or soil conditions have changed after approval of the permit or if the information on the permit is inaccurate.

If the design and installation of your individual sewage disposal system are approved, a permit for operation will be issued.

Approval for operation does not constitute a guarantee that the system will function properly. The approval states that the system was designed and installed according to Arkansas Department of Health Rules and Regulations Pertaining to Individual Sewage Disposal Systems and Installers, unless there are exceptions or deviations noted in the comments.

The Rules and Regulations were formulated in order to prevent as many public health problems as possible; particularly those created by improper design and installation. Soil conditions can vary greatly during different periods of the year; therefore it is virtually impossible to design a system which can be assured of working under all conditions which may be encountered.



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 Division of Environmental Health Protection  
 4815 West Markham, Little Rock, Arkansas 72205-3867

Receipt No. 142300  
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- New Installation
- Alteration
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# Individual Sewage Disposal System Permit Application

## Part 1 Specifications

- STD = Standard System
- RPF = Rock Plant Filter
- OXD = Oxidation Lagoon
- SRL = Serial Distribution
- HLD = Holding Tank
- MTP = Mechanical Treatment Plant
- CPF = Capping Fill
- ISF = Intermittent Sand Filter
- OTH = Other
- LPP = Low Pressure Pump
- RSF = Recirculating Sand Filter

1 Owner's Name <b>Wolfe Boat Works Inc.</b>		2 Phone Number <b>479-770-0050</b>	
3 Mailing Address <b>118 "C" West Apple Blossom</b>	City <b>Lowell</b>	State <b>AR</b>	4 County <b>Benton</b>
5 Address of proposed system (if a 911 address is not available, attach detailed directions or map) <b>911: 14101 E. Hwy 12, Rogers</b>			
6 Subdivision Name <b>NA</b>	7 Approval Date	8 Date Recorded	9 Lot Number <b>2 &amp; 3</b>
10 Lot Dimensions <b>See attached</b>	11 Total Area (Acres) <b>2.01</b>	12 No. of bdrms OR No. of persons (commercial) <b>2 EMP + 10 patron/day</b>	
13 Est. Daily Flow (GPD) <b>80</b>			
14 Brief Legal Description of Property (attach a separate sheet if necessary) <b>PT of the NW 1/4, NE 1/4, Section 9 &amp; PT of the SW 1/4, SE 1/4, Section 4, Township 19 N, Range 29 W</b>			
15 Water Supply (specify supplier if public water) <b>Rogers</b>		16 Distance to Nearest Public Sewer System (specify sewer system) <b>&gt; 2 miles</b>	

17 Soil Determination (Primary Area) Indicate the depth to items a-f if observed in the soil (designate in inches)							
a. Bedrock <b>NA</b>	b. BSWT	c. MSWT <b>25"</b>	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C. / Depth	h. Loading Rate (GPD / ft <sup>2</sup> ) <b>.59</b>

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19 Percolation Test (min / in) - suitable soils only	
Rate for Hole 1	<b>NA</b>
Rate for Hole 2	
Rate for Hole 3	
Alt. Area Perc.	
Average Perc. (1-3)	

20 System Design			
a. Size of Septic Tank	<b>1000</b>	GAL	f. Trench Depth <b>18</b> in
b. Size of Dose Tank		GAL	g. Trench Spacing <b>10</b> ft
c. Absorption Area	<b>212</b>	ft <sup>2</sup>	h. Remarks
d. Number of Field Lines	<b>2</b>		
e. Length of Field Lines	<b>65</b>	ft	

21 Sketch of Site and System Layout  
 Attach a minimum 8 1/2 X 11 inch sketch showing property lines, building locations, location of soil evaluation pits, location of percolation test holes, disposal system location and layout, location of alternate disposal field, location of wells, driveways, and any additional information affecting system location. Disposal system layout must be drawn to a minimum scale of 1" = 30'. Also indicate on the layout: distance from the system to well, distance from the system to the two nearest property lines, and distance from wells to property lines.

22 I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations pertaining to Individual Sewage Disposal Systems.

<i>Rebecca L. Corbitt</i> Signature	RS, PSC Title	1136373 D.R. Number
Rebecca L. Corbitt Typed Name	02/10/05 Date	479-466-618' Phone Number

23 Approval of Health Authority: The Information above has been reviewed and found to meet the requirements of the Arkansas Department of Individual Sewage disposal systems. A PERMIT FOR CONSTRUCTION is hereby issued.

Environmental Health Representative *Danny May* Date 2-17-05

## WOLFE BOAT WORKS

SLAB	1'6.5"
CLEAN-OUT	4'1.5"
IN TANK	9'4"
TOP TANK	8'10"
OUT TANK	9'8"
TOP TANK	8'10"
OUT D-BOX	10'4"
GROUND D-BOX	9'8"
1 <sup>ST</sup> LINE	12'3"
GROUND	11'9.5"
MID 1 <sup>ST</sup> LINE	12'3"
GROUND	11'10"
END 1 <sup>ST</sup> LINE	12'3"
GROUND	11'10"
2 <sup>ND</sup> LINE	13'7"
GROUND	13'2"
MID 2 <sup>ND</sup> LINE	13'7.25"
GROUND	13'2.5"
END 2 <sup>ND</sup> LINE	13'7.5"
GROUND	13'2.5"



BENTON COUNTY HEALTH UNIT  
 New Installation  
 Alteration  
 Repair

# Individual Sewage Disposal System Permit Application

## Part 1 Specifications

<input checked="" type="checkbox"/> STD = Standard System	<input type="checkbox"/> SRL = Serial Distribution	<input type="checkbox"/> CPF = Capping Fill	<input type="checkbox"/> LPP = Low Pressure Pump
<input type="checkbox"/> RPF = Rock Plant Filter	<input type="checkbox"/> HLD = Holding Tank	<input type="checkbox"/> ISF = Intermittent Sand Filter	<input type="checkbox"/> RSF = Recirculating Sand Filter
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<b>NA</b>		<b>25"</b>					<b>.59</b>

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Rate for Hole 1	<b>NA</b>
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Alt. Area Perc.	
Average Perc. (1-3)	

20 System Design

a. Size of Septic Tank	<b>1000</b>	GAL	f. Trench Depth	<b>18</b>	in
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<b>Rebecca L. Corbitt</b> Typed Name	<b>02/10/05</b> Date	<b>479-466-6183</b> Phone Number

23 Approval of Health Authority: The Information above has been reviewed and found to meet the requirements of the Arkansas Department of Health for Individual Sewage disposal systems. A PERMIT FOR CONSTRUCTION is hereby issued.

Environmental Health Representative *Benny May* Date **2-17-05**

**Part 2 Installation Inspection**

Stub-out Depth (top of pipe)		Dose Tank Material	
Septic Tank Inlet Depth (top of pipe)		Pump Make and Model	
Septic Tank Size	GAL	Media Used in Absorption System	
Septic Tank Manufacturer		Depth of Curtain Drain	ft
Tank Material		Depth of Settled Capping Fill	ft
Dose Tank Size	GAL	Pump Run Duration	min sec
Dose Tank Manufacturer		Pump Rest Duration	min sec
Other Information			
Name of Installer		License Number	
Environmental Specialist		Date	

**Part 3 Permit for Operation**

The information contained in Part 1 and Part 2 of this form has been reviewed and found to meet the requirements of the Arkansas Department of Health. The PERMIT FOR OPERATION of this system is hereby issued.

Environmental Specialist	Date
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Comments

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**TO THE OWNER**

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# Individual Sewage Disposal System Installation Specifications

Name of Applicant
Location of System
Name of Installer

PE = Pipe Elevation (top of pipe)  
GE = Ground Elevation  
TE = Tank Elevation

Septic Tank Size	Gal	Dose Tank Size	Gal	Drawdown	inches
Type of System				Number and Length of Lines	at ft
Orifice Head	ft	Pump Run	min sec	Pump Rest	min sec

Stub-out	PE	GE
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Tank Inlet	PE	GE	TE
Tank Outlet	PE	GE	TE

D. Tank Inlet	PE	GE	TE
D. Tank Outlet	PE	GE	TE

**Line 1**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 2**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 3**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 4**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 5**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 6**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 7**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 8**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 9**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

**Line 10**

PE for D-Box outlet OR PE for Sanitary Tee / Hillside Box outlet (Serial Distribution) _____	Beginning	Middle	End
	PE	PE	PE
	GE	GE	GE

Comments \_\_\_\_\_  
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\_\_\_\_\_

\_\_\_\_\_  
Installer Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Environmental Specialist

\_\_\_\_\_  
Date

# Individual Sewage Disposal System Design Specs for: Wolfe Boat Works

## System Sizing

System is designed for an average daily flow of 80 gallons per day.

## Tank & Leach Field

Designed with 2 lateral lines at 65'  
Lateral lines are 18" inches deep, 24" inches wide on 10' centers.  
1,000-gallon concrete septic tank and distribution box

## Pipe Specifications:

House to tank is 4" SCH 40

Tank to D-Box is 4" SCH 40 or SDR 35

All tight lines are SDR 35.

## Sewage Disposal System Installation Notes:

- Maximum trench depth should not exceed 18".
- Flow line out of distribution box should be at or above ground elevation at Line 1.
- Each soil absorption trench should be installed on contour as designed.
- Gravel trench should begin 5' from the tight line.
- Tight line trenches should be no deeper than 6".
- Excavation of trenches by backhoe needs to be done in a manner to prevent compaction of trench bottom.
- To avoid smearing of the sidewall of trenches, no digging should be done while the ground is wet.
- Final grading over the absorption area shall be done to drain all surface water off and away from septic system.

The location and/or elevation of any existing utilities as shown on these plans should not be relied on as being exact or complete. The contractor is advised to contact Arkansas One Call at 1-800-482-8998 for information on existing utilities on this property.

## Homeowner Notes:

- House guttering should be in such a manner to carry runoff water around and away from the lateral field.
- Garbage grinders are not recommended for septic systems.
- Recommend topsoil and seeding to prevent erosion.

	Ground Elevation			Flow Line Elevation		
	Beg	Mid	End	Beg	Mid	End
Stub out				Above 4'9"		
Septic tank inlet				5'		
Septic tank outlet				5'3"		
D-Box In				7'5"		
D-Box out				7'7"		
Line 1	7'4"	7'4"	7'4"	8'4"	8'4"	8'4"
Line 2	8'9"	8'9"	8'9"	9'9"	9'9"	9'9"

Bench mark = 6' 3/4" Top of wooden stake

## Notice:

This is only a plan and does not necessarily reflect the actual size shape or location of any improvement may be constructed on this property. This individual sewage disposal system was designed according to Arkansas Department of Health Rules and Regulations Pertaining to Sewage Disposal Systems, DR's, However, this does not constitute a guarantee that the system will function properly.



**Individual Sewage Disposal System Design Specs for:  
Wolfe Boat Works**

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**System Sizing**

System is designed for an average daily flow of 80 gallons per day.

**Tank & Leach Field**

Designed with 2 lateral lines at 65'  
Lateral lines are 18" inches deep, 24" inches wide on 10' centers.  
1,000-gallon concrete septic tank and distribution box

**Pipe Specifications:**

House to tank is 4" SCH 40      Tank to D-Box is 4" SCH 40 or SDR 35      All tight lines are SDR 35.

**Sewage Disposal System Installation Notes:**

- Maximum trench depth should not exceed 18".
- Flow line out of distribution box should be at or above ground elevation at Line 1.
- Each soil absorption trench should be installed on contour as designed.
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**Homeowner Notes:**

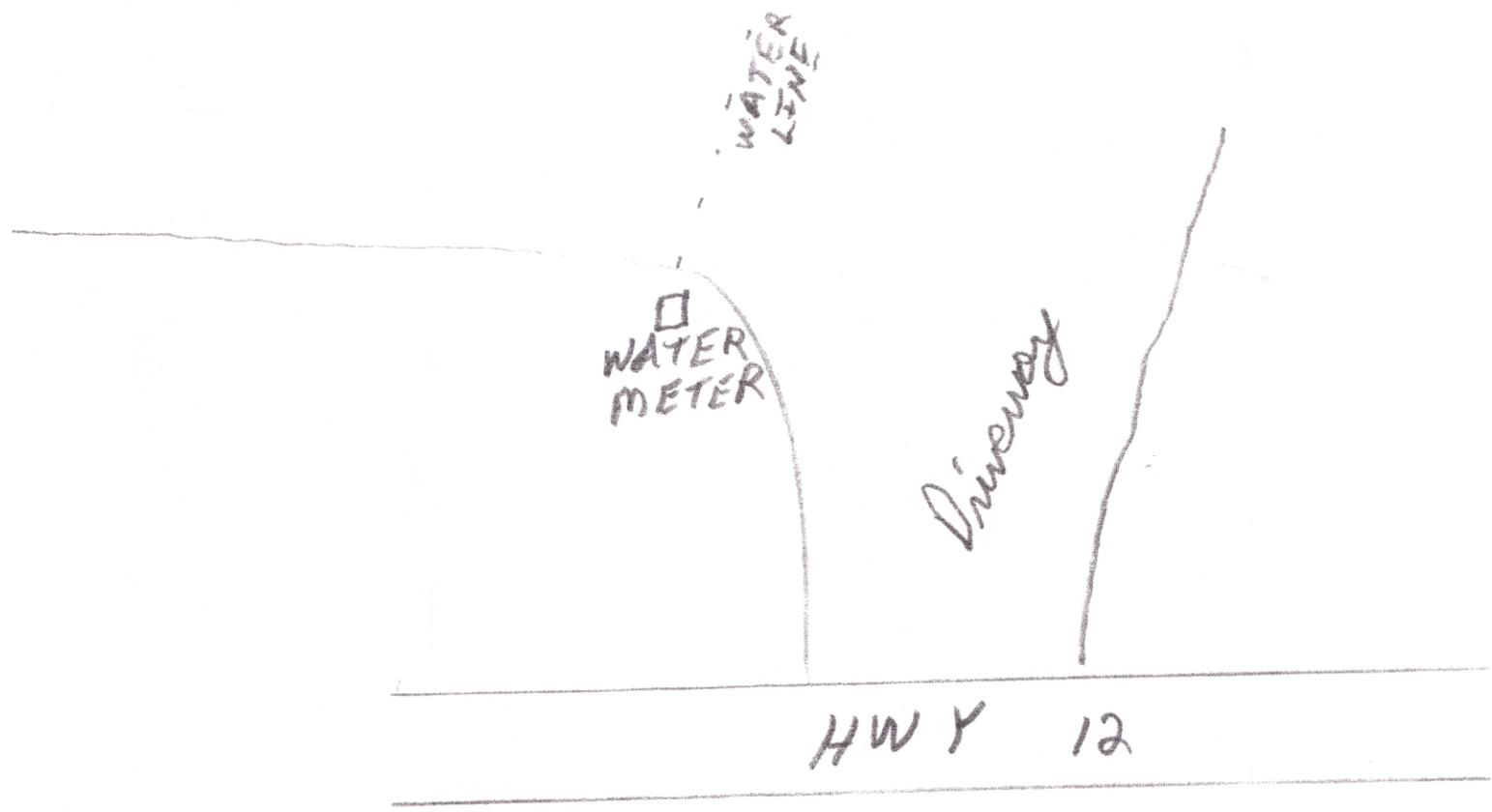
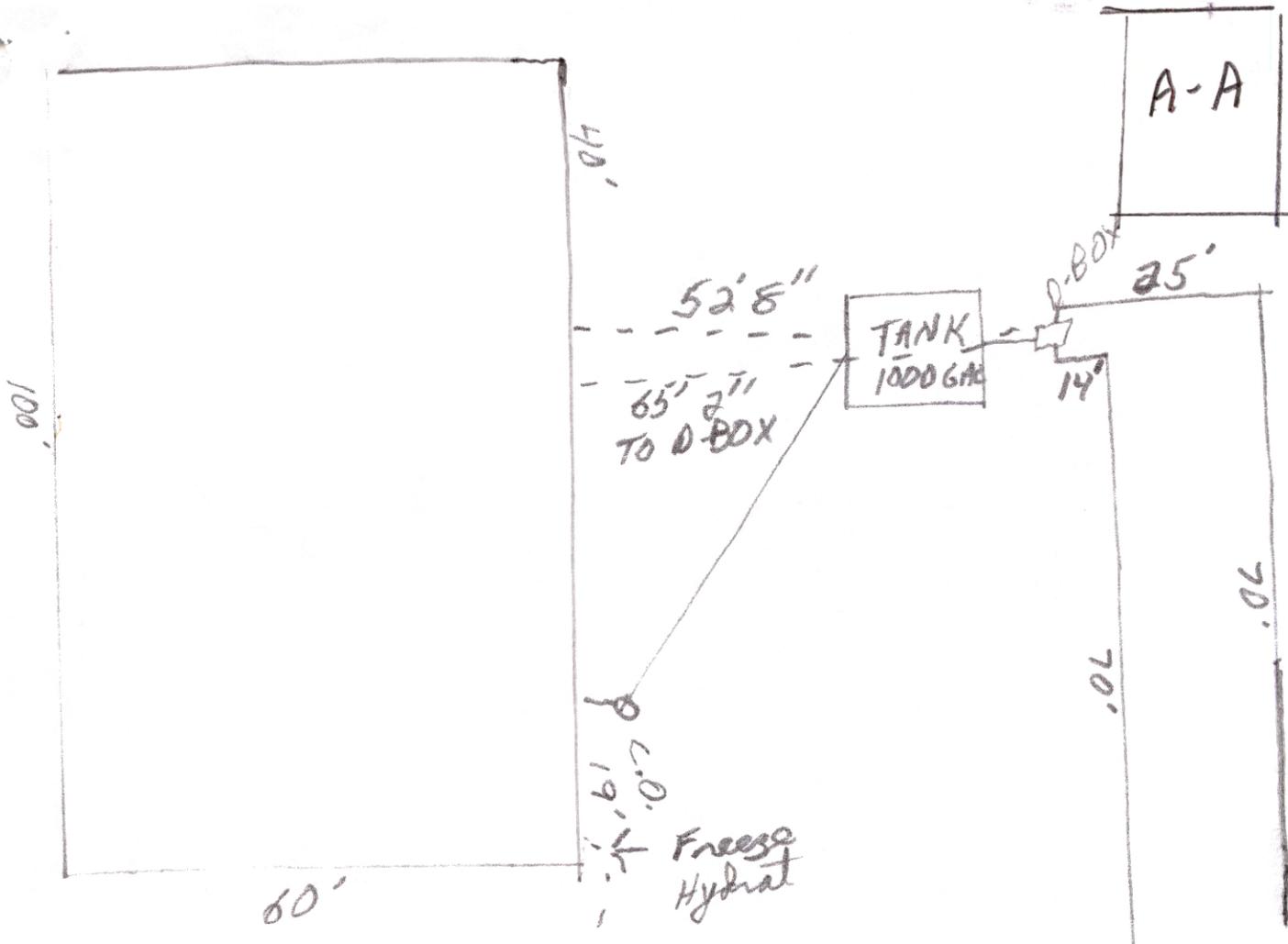
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	Ground Elevation			Flow Line Elevation		
Stub out	2'8"			Above 4'9"		
Septic tank inlet	3'7"			5'		
Septic tank outlet	4'4 1/2"			5'3"		
D-Box In	6'7"			7'5"		
D-Box out	6'7"			7'7"		
	Beg	Mid	End	Beg	Mid	End
Line 1	7'4"	7'4"	7'4"	8'4"	8'4"	8'4"
Line 2	8'9"	8'9"	8'9"	9'9"	9'9"	9'9"

Bench mark = 6' 3/4" Top of wooden stake

**Notice:**

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Wolfe Boat Works**

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1,000-gallon concrete septic tank and distribution box

**Pipe Specifications:**

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	Ground Elevation			Flow Line Elevation		
Stub out	2'8"			Above 4'9"		
Septic tank inlet	3'7"			5'		
Septic tank outlet	4'4 1/2"			5'3"		
D-Box In	6'7"			7'5"		
D-Box out	6'7"			7'7"		
	<b>Beg</b>	<b>Mid</b>	<b>End</b>	<b>Beg</b>	<b>Mid</b>	<b>End</b>
Line 1	7'4"	7'4"	7'4"	8'4"	8'4"	8'4"
Line 2	8'9"	8'9"	8'9"	9'9"	9'9"	9'9"

**Bench mark = 6' 3/4" Top of wooden stake**

**Notice:**

This is only a plan and does not necessarily reflect the actual size shape or location of any improvements, which may be constructed on this property. This individual sewage disposal system was designed according to the Arkansas Department of Health Rules and Regulations Pertaining to Sewage Disposal Systems, DR's, and installers. However, this does not constitute a guarantee that the system will function properly.