

# LAYOUT PLAN

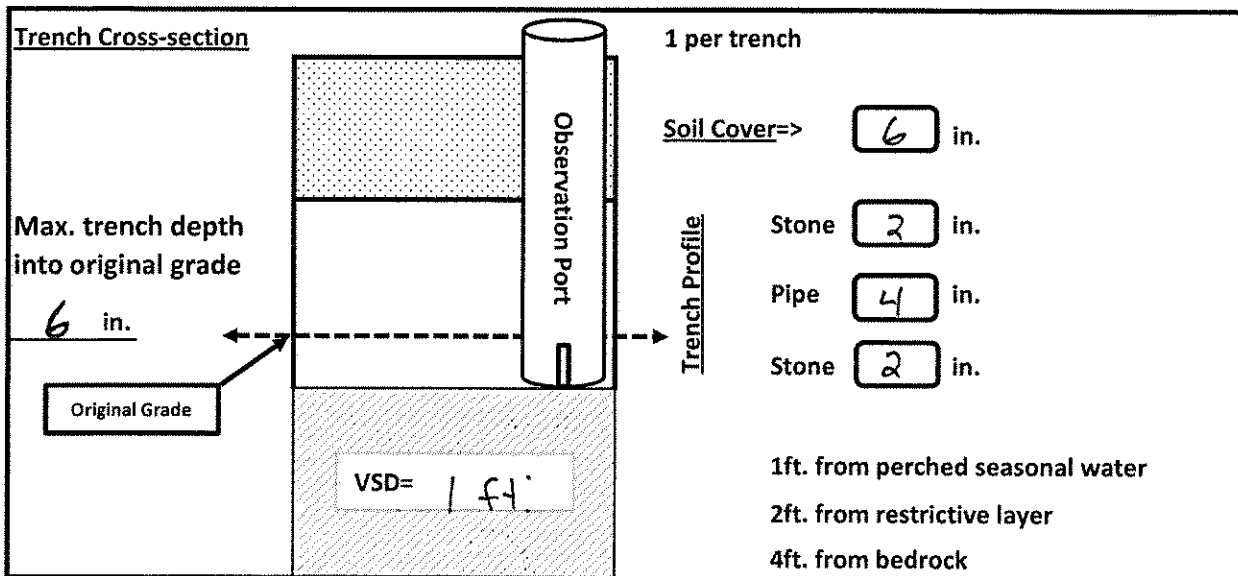
Homeowner: <u>John Smith</u>	Designer: <u>MGB Inc.</u>
Address: <u>110 N. TR. 69</u>	City: <u>Tiffin</u>

<b>Septic Tank</b>	
Supplier:	<u>ACME</u>
Capacity:	<u>1500</u>
Treatment:	<u>Septic</u> ATU

<b>Dosing Tank:</b>	
Supplier:	<u>NA</u>
Capacity:	<u>NA</u>
<b>Pump:</b>	
Make/Model:	<u>-</u>
TDH/gpm:	<u>-</u>
Counter/Run Meter	YES or <u>NO</u>

**Soil Absorption Field**

<b>Soils</b>	
Basal Loading Rate: <u>0.4/0.6</u>	Perched Water: <u>16"</u>
Linear Loading Rate: <u>2.9</u>	Restrictive Layer: <u>30"</u>
<b>Design</b>	
Bedroom# = <u>3</u> x120	<u>360</u> gpd
Area:(gpd/basal)+ 25% =	<u>1125</u> ft <sup>2</sup> .
Trench length:(gpd/LLR)=	<u>124</u> ft.
Total width:(LLR/basal)=	<u>7.25</u> ft.
<b>Actual Dimensions</b>	
	Square Feet <u>1200</u> ft <sup>2</sup>
Trench# <u>5</u>	Trench Spacing <u>6</u> ft.
Trench Length <u>120</u> ft.	Field Width <u>26</u> ft.
Trench Width <u>2</u> ft.	Trench Material: <u>Stone</u>
Trench Height <u>8"</u>	Chambers



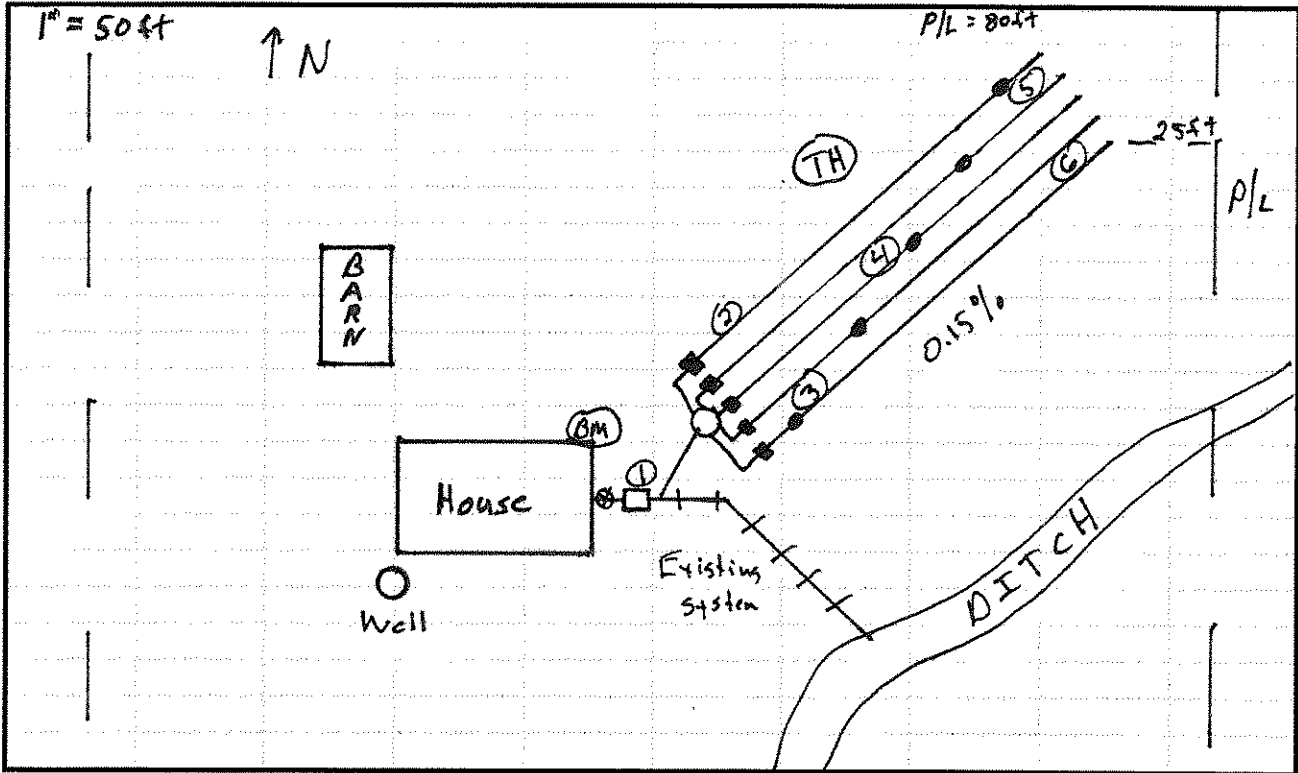
# Layout Plan

Grade Shots	
BM	2
Outlet	2.8
1	2.2
2	3.4
3	3.5
4	3.6
5	3.6
6	3.8
7	

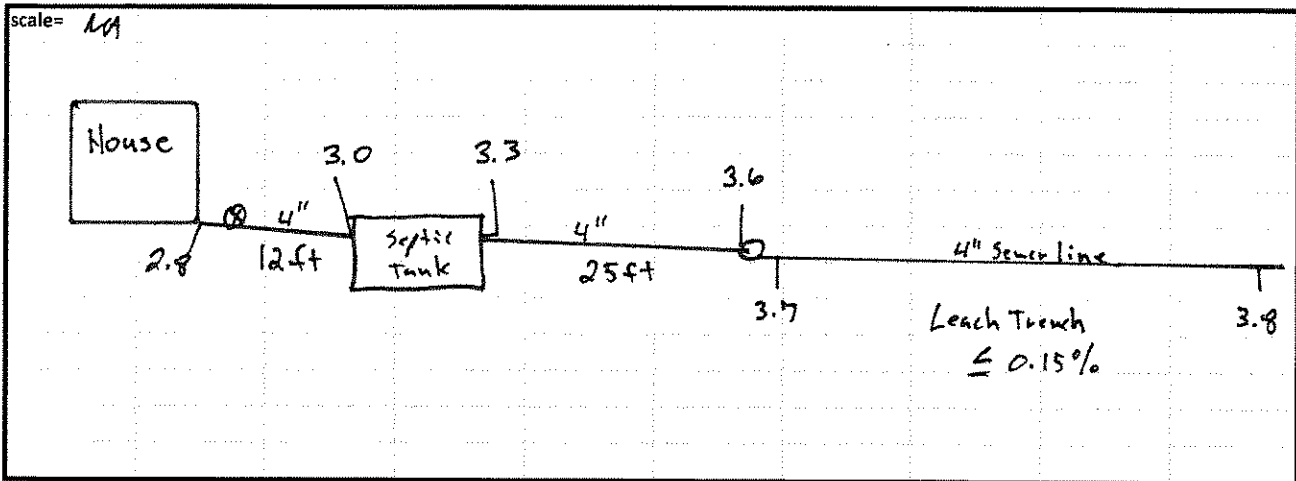
Patio Slab

Required Items			
	Yes	No	NA
House	X		
Buildings	X		
Existing sys.	X		
Well	X		
Property lines	X		
Public roads		X	
Test holes	X		
Grade shots			
Septic tank	X		
Dose tank			X
Sewer lines	X		
Cleanouts	X		
D-Box(s)	X		
Header			
5 Observ. ports	X		
Interceptor			X

## Layout



## Cross-section



# NPDES/Tank Replacement Plan

Homeowner: <u>John Smith</u>	Designer: <u>MGB LLC</u>
Address: <u>111 N. TR. 69</u>	City: <u>Tiffin</u>

**Septic Tank**

Supplier: ACME

Capacity: 500 gpd

Type:

Septic tank replacement

ATU tank replacement

NPDES

Treatment:

Chemical

UV

**Lift Station:**

Supplier: NA

Capacity: NA

**Pump:**

Make/Model: NA

TDH/gpm: NA

**Failsafe Monitoring**

Pump lockout

Remote telemetry

Note: Requires basic landline

**System Discharge**

Free falling sample port  Yes or No

Type of receiving stream Creek

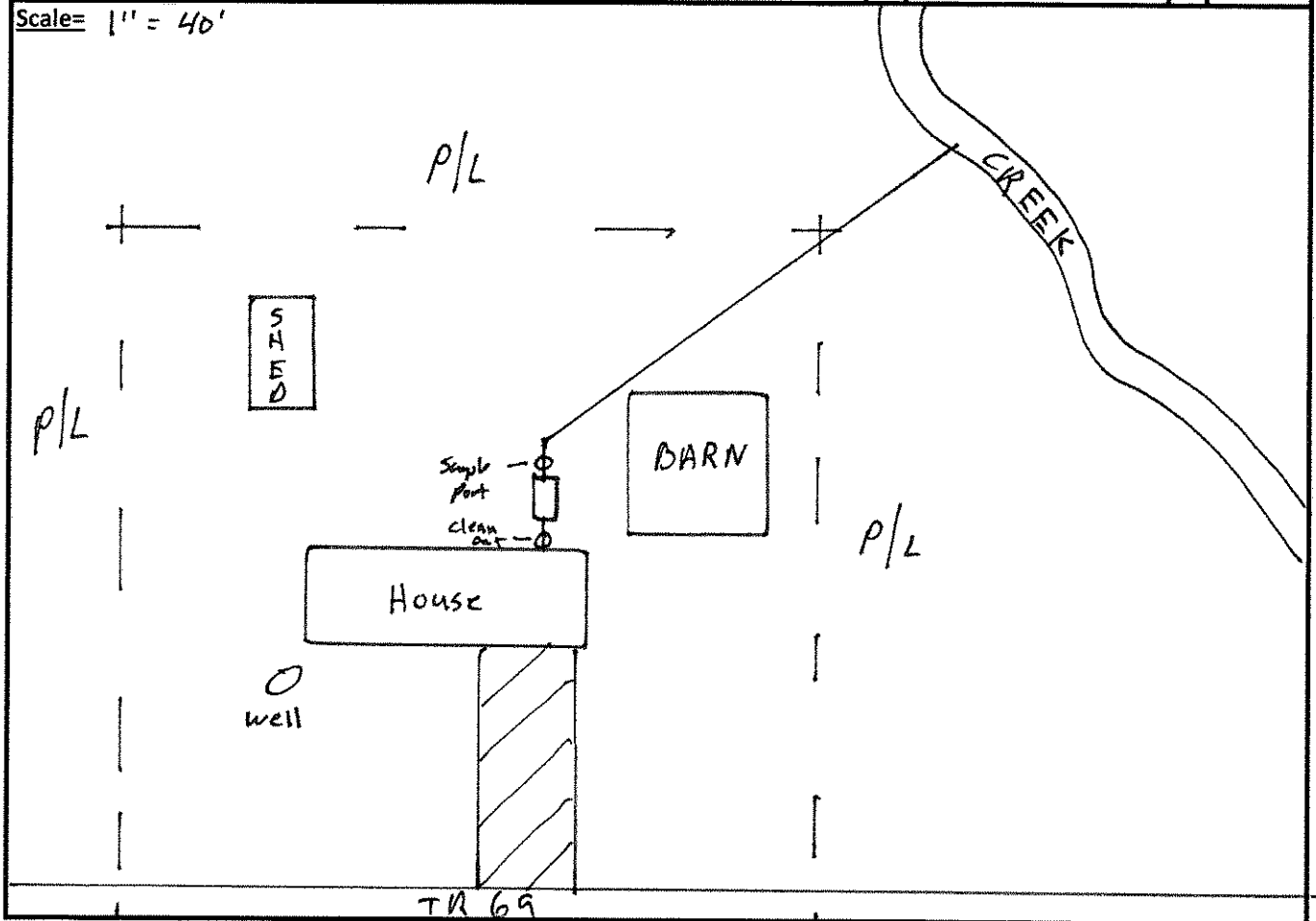
Easement Required  Yes or No

**Required Items**

Receiving Stream	<input checked="" type="checkbox"/>	Structures	<input checked="" type="checkbox"/>
Sample port	<input checked="" type="checkbox"/>	Well	<input checked="" type="checkbox"/>
Cleanout	<input checked="" type="checkbox"/>	Property Lines	<input checked="" type="checkbox"/>
System	<input checked="" type="checkbox"/>	Existing system	<input checked="" type="checkbox"/>

**Layout Plan**

Scale= 1" = 40'



# LAYOUT PLAN

Homeowner: _____	Designer: _____
Address: _____	City: _____

**Septic Tank**

Supplier: \_\_\_\_\_

Capacity: \_\_\_\_\_

Treatment: Septic  
ATU

**Dosing Tank:**

Supplier: \_\_\_\_\_

Capacity: \_\_\_\_\_

Pump: \_\_\_\_\_

Make/Model: \_\_\_\_\_

TDH/gpm: \_\_\_\_\_

Counter/Run Meter      YES or NO

**Soil Absorption Field**

**Soils**

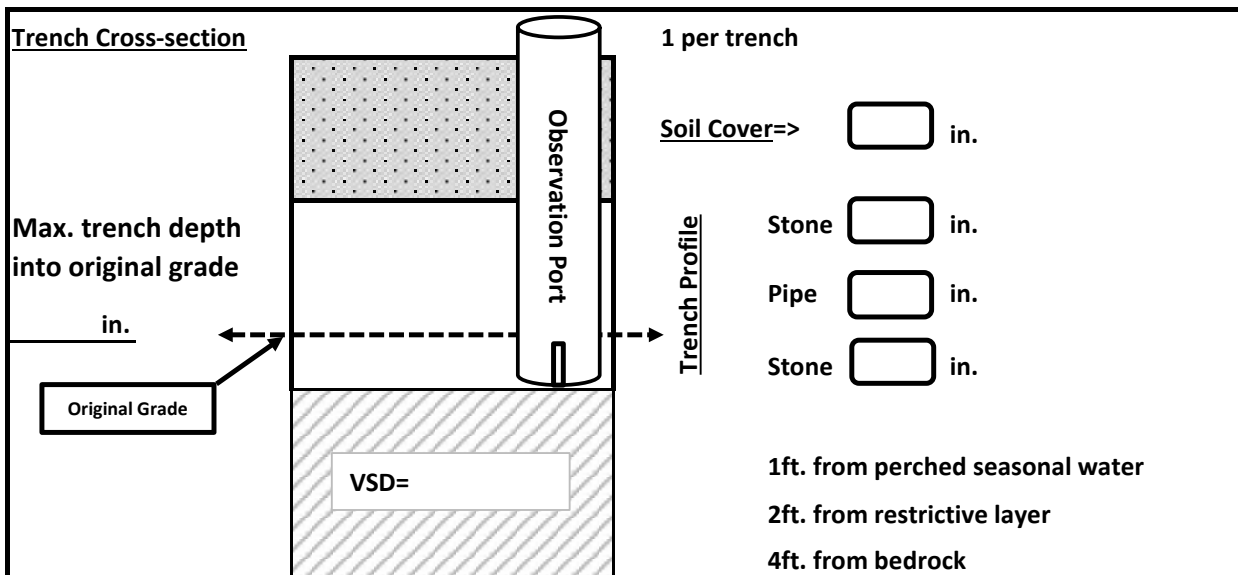
Basal Loading Rate: _____ / _____	Perched Water: _____
Linear Loading Rate: _____	Restrictive Layer: _____

**Design**

Bedroom# = <input type="text" value=""/> x120 _____ gpd	
Area: (gpd/basal) + 25% = _____ ft <sup>2</sup> .	
Trench length: (gpd/LLR) = _____ ft.	
Total width: (LLR/basal) = _____ ft.	

**Actual Dimensions**

Trench# _____	Square Feet _____
Trench Length _____	Trench Spacing _____
Trench Width _____	Field Width _____
Trench Height _____	Trench Material: Stone Chambers



# Layout Plan

Grade Shots	
BM	
Outlet	
1	
2	
3	
4	
5	
6	
7	

Required Items							
	Yes	No	NA		Yes	No	NA
House				Septic tank			
Buildings				Dose tank			
Existing sys.				Sewer lines			
Well				Cleanouts			
Property lines				D-Box(s)			
Public roads				Header			
Test holes				Observ. ports			
Grade shots				Interceptor			

## Layout

A large rectangular area filled with a light gray grid, intended for drawing the layout plan. The grid consists of small squares, with some lines being slightly thicker to form a larger grid pattern.

## Cross-section

scale=

A rectangular area filled with a light gray grid, intended for drawing the cross-section. The grid is similar to the layout plan area. The text "scale=" is located at the top left corner of the grid.

# NPDES/Tank Replacement Plan

Homeowner: _____	Designer: _____
Address: _____	City: _____

**Septic Tank**

Supplier: \_\_\_\_\_

Capacity: \_\_\_\_\_

Type:

Septic tank replacement  
 ATU tank replacement  
 NPDES

Treatment:

Chemical  
 UV

**Lift Station:**

Supplier: \_\_\_\_\_

Capacity: \_\_\_\_\_

**Pump:**

Make/Model: \_\_\_\_\_  
 TDH/gpm: \_\_\_\_\_

**Failsafe Monitoring**

Pump lockout  
 Remote telemetry

Note: Requires basic landline

**System Discharge**

[3ft]	Free falling sample port	Yes or No
	Type of receiving stream	
	Easement Required	Yes or No

**Required Items**

Receiving Stream	<input type="checkbox"/>	Structures	<input type="checkbox"/>
Sample port	<input type="checkbox"/>	Well	<input type="checkbox"/>
Cleanout	<input type="checkbox"/>	Property Lines	<input type="checkbox"/>
System	<input type="checkbox"/>	Existing system	<input type="checkbox"/>

**Layout Plan**

**Scale=**