

8930 Stanford Boulevard, Columbia, MD 21045 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org

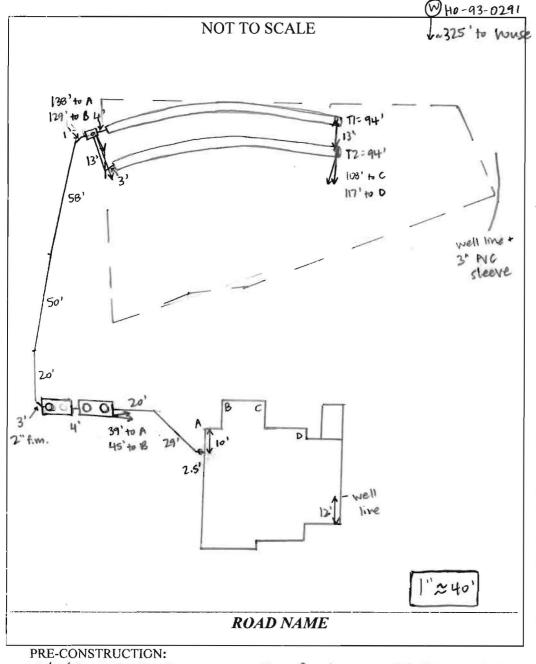
Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT	DATE: 7/20/17 ONSITE SEWAGE DIS	SPOSAL SYSTEM P 504	H					
APPROVAL	DATE: 9/1/17 PERMIT: C	CONSTRUCTION						
PROPERTY A								
SUBDIVISION	I: Country Springs	LOT: 19 TAX ID: 04-351819						
CONTRACTO	R: South Carpell Backhoe	EMAIL: 3cbackbas Ocomo	nstre					
CONTRACTOR	ADDRESS: 440 Salen Bottom RD (1 14	16-368					
PROPERTY O	WINER: Ryan and Jennifer George	EMAIL: Ryangeorge15@yalioo.com	<u> </u>					
OWNER ADDR	ESS: 3075 Mullineaux Lane	PHONE: 443-629-925	5					
SEPTIC TANK S	SIZE (GALLONS): 2000 TANK M	ANUFACTURER: Babylon						
PUMP MODEL	EP0411A PUMP SIZE .4HP	PUMP TANK CAPACITY: 1500						
DISTRIBUTIO	N SYSTEM: GRAVITY PRESSURE	DOSED BEDROOMS: 6 APPLICATION RATE:	3.0					
	LINEAR FEET REQUIRED: 188	INLET DEPTH: 4						
TRENCHES:	TRENCH WIDTH: 3	MAXIMUM BOTTOM DEPTH: 8						
*	MINIMUM SPACE BETWEEN TRENCHES: 11	EFFECTIVE AREA BEGINNING DEPTH: 4						
LCCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL ARI SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPEC	EA AND TANK LOCATIONS MUST BE STAKED BY LICENSE TION.	D					
	May need heavy load bearing tank							
NOTES:								
	<u></u>		6 10					
ISSUED BY:	Robert Freemon ISSUE	DATE: 7/31/17 EXPIRATION DATE: 7	אן סבו					
NOTE: CONT	FRACTOR MUST SCHEDULE A PRE-CONSTRUCTION IN	NSPECTION PRIOR TO BEGINNING ANY INSTALLATION						
		N APPROVAL OF ALL COMPONENTS PRIOR TO COVERING	,					
	E MUST BE APPROVED BY HEALTH DEPARTMENT AN	D GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.						
	ERTIGHT TANKS REQUIRED	T DOWN CDADIENT EDOM ANY WATER WELL						
	NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS							
		OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM						
	RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRINTERS THAT SOLIDS ARE NOT DISCHARGED TO THE	ETREATMENT UNITS BE PUMPED AT A FREQUENCY ADE	QUATE					
	TO THE HOLANA DO COLLATE COLLABOR ALOR THE		THE					

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 TO SCHEDULE INSPECTIONS.



TRENCH/	DRAINFIEL	D DATA
WIDTH	INLET	BOTTOM
3,	4'	8'
NUMBER OF	TRENCHES _	2
TOTAL LENG	тн Іг	38'
	AREA 564	1 -
DISTRIBUTIO		
DISTRIBUTIO	N BOX BAFFL	E ELBOW
DISTRIBUTION	N BOX PORT	YES

SEPTIC TANK DATA SEPTIC TANK I LEVEL YES
MANUFACTURER BABYLON
CAPACITY 2000 GAL
SEAM LOC TOP
TANK LID DEPTH 2 - 2.5
BAFFLES YES
BAFFLE FILTER NO
MANHOLE LOC FRONT + REAR
6" PORT LOC NONE
WATERTIGHT TEST No
SLOTTEDYES
DATE ON LID 6-20-17
PUMP/SEPTIC TANK LEVEL YES
MANUFACTURER BABYLON
CAPACITY 500 GAL
SEAM LOCTDP
TANK LID DEPTH 2.5-3'
BAFFLES NO
BAFFLE FILTER NO
MANHOLE LOC REAR
6" PORT LOCNONE
WATERTIGHT TEST NO
SLOTTED NO
DATE ON LID 5-9-17

8/2/17 Met S. Carroll on site for layout. All SDA and tank stakes present. Adjusted tank placement to keep even cover over both tanks. Trenches staked - checked elevations at stakes. Trenches staked at 13' center to center - moved T2 uphill to keep 13' center-to-center. Well line installed crossing through NE corner of SDA - plumber must move it outside + sleeve when £10' from SDA. (SD)

INSTALLATION: 8/2/17 House connection made, On site while septic terms was set - no cracks on sides or bottom. Also saw pump tank setting, but pad to leave before final depth/ level was reached. (SC) 8/3/17 TI complete + left open @ ends for inspection, S. Carroll adding stone to T2. 3' wide, B' bottom @ T2, TI 3.5' to stone + 3' wide. Pump tank set. Well line now sleaved w/ 3" PVC when \$10' within SDA. (SC) 8/9/17 D-box installed + Connected to brenches, 2" force main pum from pump tank to D-box. Need pumpt alarm test. (SC) 9/5/17 Net 5. Carroll on site for pump + alarm test. Alarm sounds, pump pumps effluent to D-box. Alarm wire needs to be in conduct - fix + vetest alarm. (SC) 9/7/17 Alarm wire in conduct, alarm sounds when triggered. (SC)
FINAL INSPECTOR Savab Collisis DATE OF APPROVAL 9/7/17

Clerk of the Circuit Court for Howard County Land Records/Licensing

The Thomas Dorsey Building 9250 Bendix Road Columbia, MD 21045 410-313-5850

LR - Agreement Recording Fee 1x 20.00 20.00

Name: George

Ref: 39

LR - Agreement Surcharge 1x 40.00 40.00

SubTotal: 60.00 Fotal: 60.00

CRD-Credit 60.00 Credit Card Confirmation: 53531P

09/08/2017 11:03 CC13-DS #9032414 /1246/109



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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

AGREEMENT FOR APPROVAL OF AN INDIVIDUAL DRINKING WELL WITH AN ON-SITE TREATMENT SYSTEM

This agreement is entered into by and between the Howard County Health Department ("the Health
This agreement is entered into by and between the Howard County Health Department ("the Health Department") and health Department") and health Department").
WHEREAS, the Owner owns a tract of land at street address 15046 Scotts word Court, 1000 bine mo 21797 and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 14, Block # 03, Parcel # 240, Deed Reference # 17272/ and Tax Account # 04-351819 ("the Property"). WHEREAS, the Property lacks an available public drinking water source and is required to have and individual well as the source of drinking water for the residence of the property.
WHEREAS, the Owner has installed a residential drinking well under well permit that has been tested by the Health Department (or a private laboratory certified to perform testing) for Nitrate-nitrogen. The results of the tests have shown that the Nitrate level meets or exceeds the Maximum Contaminant Level (MCL) of 10 milligrams per liter.

WHEREAS, The Maryland Department of the Environment (MDE) has promulgated rules and regulations under which a Certificate of Potability may be issued and has delegated the authority to issue such Certificate to the Health Department.

WHEREAS, MDE regulations permit the Health Department to issue as a special condition, a permanent deviation to the Certificate of Potability for individual wells where treatment has been installed to meet the MCL for Nitrate.

WHEREAS, MDE has determined that Nitrate can be effectively removed from the drinking water by the use of treatment devices (e.g. reverse osmosis).

WHEREAS, the Owner is requesting that the Health Department issue a Certificate of Potability contingent upon installation and maintenance of a water treatment device to reduce Nitrate.

WHEREAS, neither the Owner nor the Health Department has knowledge of an alternative safe source of water for the Property.

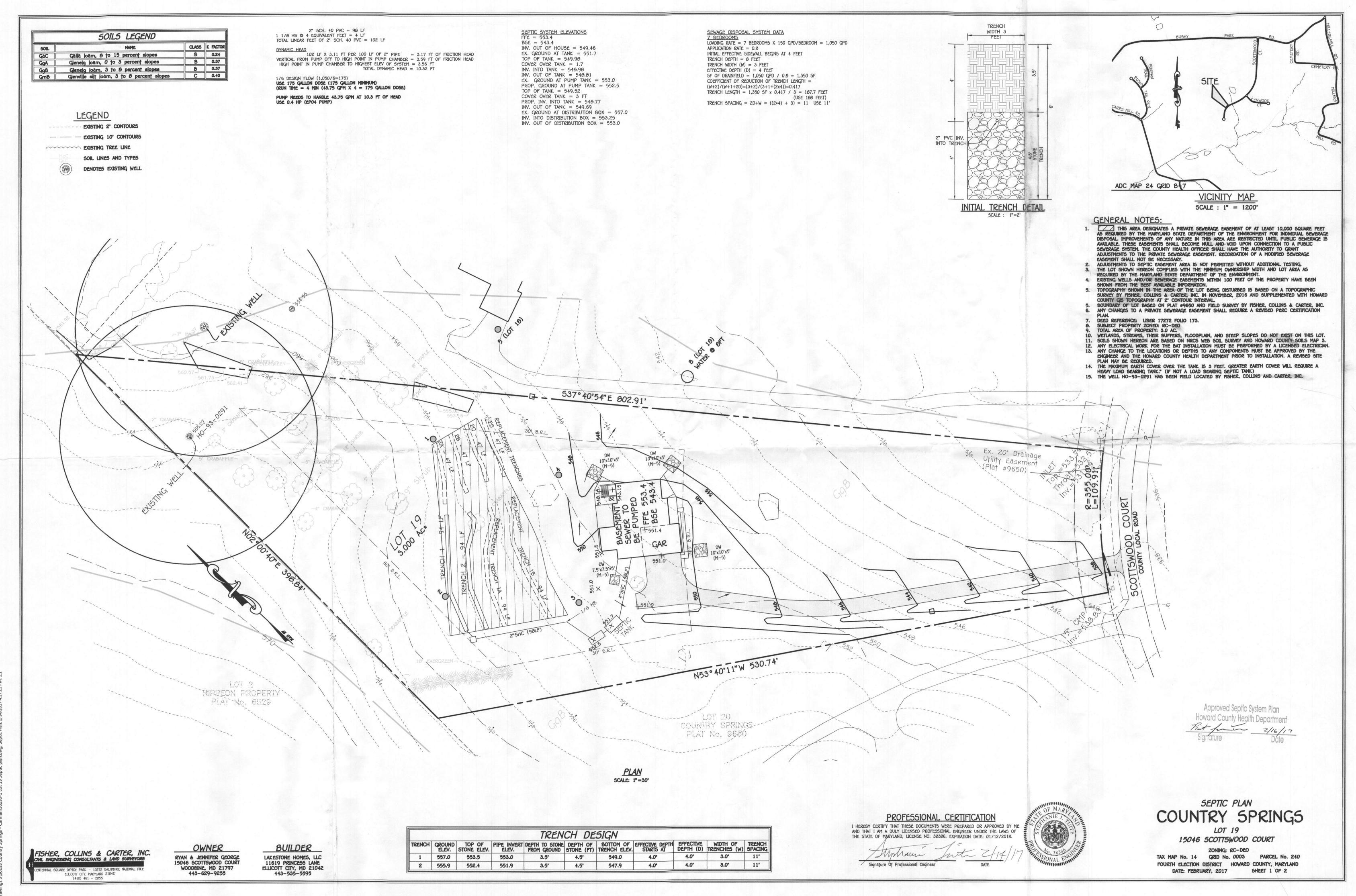
NOW THEREFORE, the parties have agreed to the following terms and conditions:

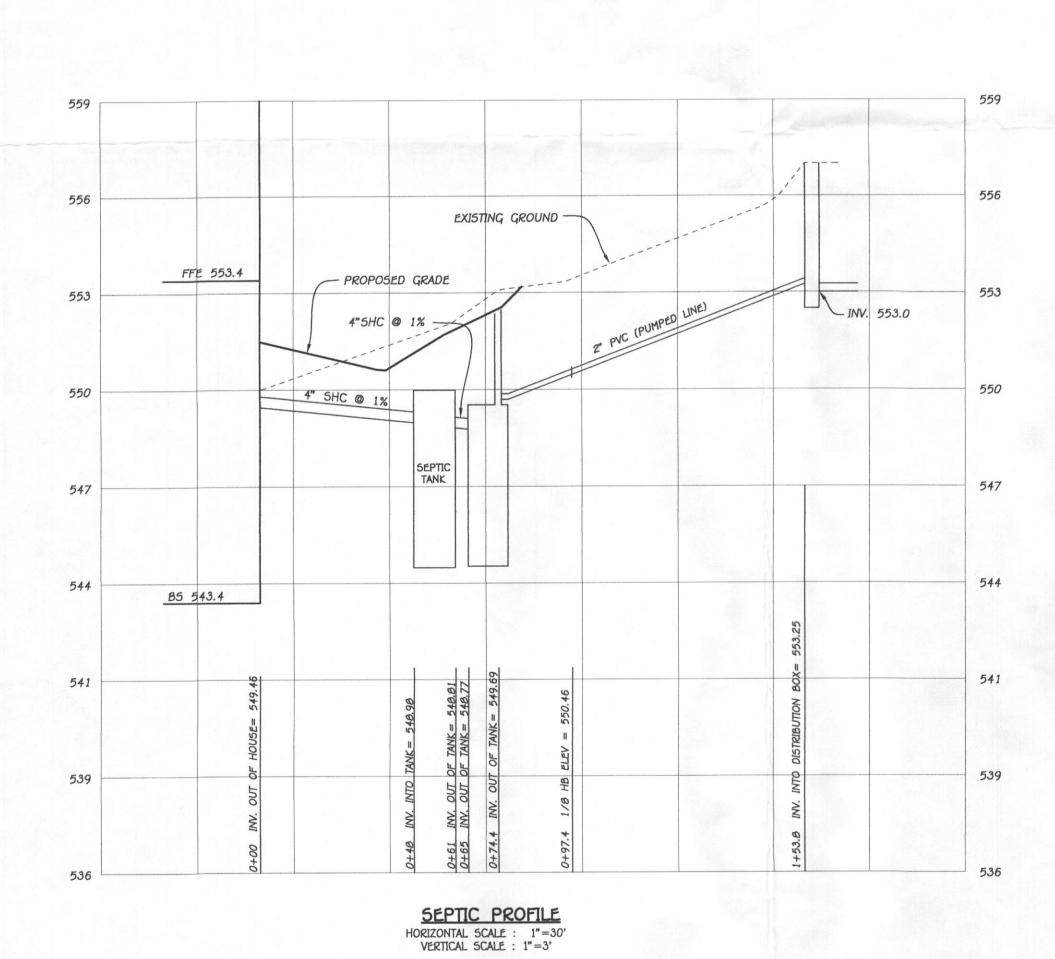
- 1. The Owner will record this Agreement among the Land Records of Howard County, Maryland and provide confirmation to the Health Dept.
- 2. The Owner agrees to install and maintain a water treatment device, which effectively reduces the Nitrate below the MCL. The Health Department shall verify that the treatment device is

- operating effectively and the Owner agrees to allow access to the Health Department to collect a follow-up sample(s).
- 3. The Health Department shall issue a Certificate of Potability for the well once follow-up sampling shows acceptable Nitrate levels.
- 4. The Owner agrees that there shall be no liability on part of the Health Department for any immediate or long term impacts to health or property, under any circumstance or including, but not limited to, treatment device failure, improper maintenance or installation, or defect. The Health Department does not warranty or guarantee that the device will adequately or properly function and the Owner agrees to implement and pay for any necessary changes or corrections.
- 5. The Owner acknowledges and agrees that neither the Health Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system or treatment device.
- 6. This Agreement shall not be construed to limit any authority of the Health Department to protect the public health, safety or enjoyment of property or to issue any other orders to take any other action, which is now or may hereafter be within its authority.
- 7. This agreement contains the entire agreement and understanding between the Health Department and the Owner. There are no additional terms other than as contained in this Agreement. This Agreement may not be modified except in writing signed by each of the parties or their authorized representatives.
- 8. The Agreement shall run with the land and binds the Owner, his heirs, successors, and assigns.

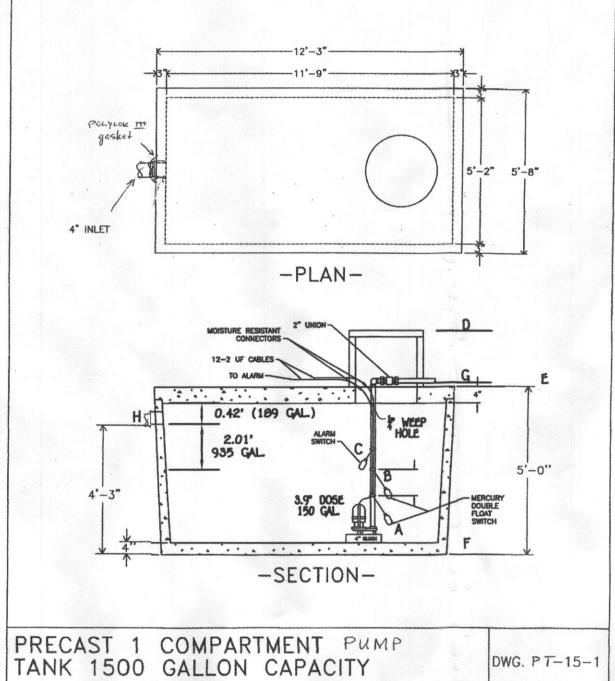
 The owner agrees to provide a copy of this agreement to any purchaser or lessee of the property.
- 9. The laws of the State of Maryland govern the provisions of all transactions.

The parties have signed and	sealed this Agreement	on the dates set forth	below.
/sacon	9/8/17		
Owner	Date	Buyer	Date
Owner	Date	Buyer	Date
	- alstin		•
Howard County Health Dep	partment Date		





MONARCH PRODUCTS COMPANY, INC. YORK HAVEN, PA. -12'-3"----



EMERGENCY STORAGE = 935 GAL. + 189 GAL = 1,124 GAL TOTAL

PUMP ALARMS / INFORMATION A PUMP OFF: 546.50 B PUMP ON: 547.19 C HIGH WATER ALARM : 547.88 D TOP OF ACCESS COVER : 552.70 TOP OF TANK : 550.00 F BOTTOM OF TANK : 544.67 G DISCHARGE OUT OF TANK : 550.17

H INVERT INTO TANK : 548.92



GOULDS PUMPS

EP04 Single phase: 0.4 HP, 115 or 230 V, 60 Hz, 1550 RPM, built in overload with automatic reset.

EP05 Single phase: 0.5 HP, 115 V or 230V, 60 Hz, 1550 RPM, built in overload with automatic reset.

Power cord: 10 foot standard length, 16/3 SJTW with three prong grounding plug. Optional 20 foot length, 16/3 SJTW with three prong grounding plug (standard proper)

Fully submerged in high grade turbine oil for lubrication and efficient heat transfer.

Available for automatic and manual operation. Automatic models include Mechanical Float Switch

assembled and preset at the factory.

GOULDS PUMPS

APPLICATIONS

Specifically designed for the following uses:

 Effluent systems • Farms

Heavy duty sump

Water transfer Dewatering

SPECIFICATIONS

 Solids handling capability: ¾" maximum. Capacities: up to 60 GPM. Total heads: up to 31 feet.

• Discharge size: 11/2" NPT. Mechanical seal: carbon-rotary/ceramic-stationary, BUNA-N elastomers.

• Temperature: 104° F (40° C) continuous 140° F (60° C) intermittent.

 Fasteners: 300 series stainless steel. Capable of running dry without damage to components.

MODEL INFORMATION

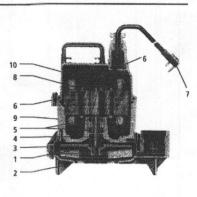
Order No.	HP	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum On Level	Minimum Off Level	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight Ibs/kg																	
EP0411							Plug / No Switch	10'	11/4"	Manual	Manual	15"		20 / 9.1																
EP0411A											Piggyback / Wide-Angle	10'	11/4"	12"	6"	15"	21 / 9.5													
EP0411F		115	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	20		Plug / No Switch	20'	11/4"	Manual	Manual	15"	15*	20 / 9.1		
EP0411AC	.4														Piggyback / Wide-Angle	20'	11/4"	12°	6"	15"		21 / 9.5								
EP0412		230			10	10	Plug / No Switch	10 ⁴	11/4"	Manual	Manual	15"	3/4"	20 / 9.1																
EP0412F			6	10			10	Plug / No Switch	20'	11/2"	Manual	Manual	15"		20 / 9.1															
EP0511F				20		Plug / No Switch	20'	1½"	Manual	Manual	15"		22 / 10																	
EP0511AC	.5	115	13	13	13	13	13	13	13	13	15	13	13	13	13	13	13	13	20	20	20		Piggyback / Wide-Angle	20'	11/2"	12"	6"	15"	,	23 / 10.4
EP0512F		230	6.5	10		Plug / No Switch	20'	1½"	Manual	Manual	15"		22 / 10																	

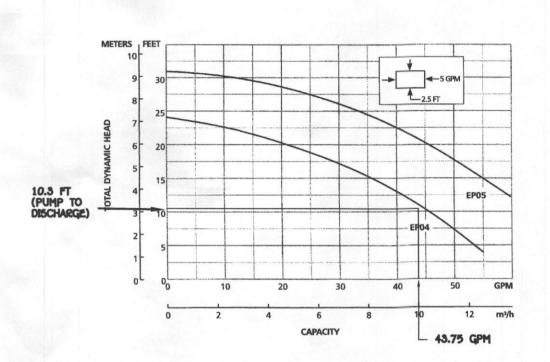
PERFORMANCE RATINGS

| Total Head (ft. of water) | Gallons Per | Minute | EP04 | EP05 | |

Pump Casing Mechanical Seal Ball Bearings Oil Filled Motor Motor Housing/ Stator Assembly

COMPONENTS





PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 30306, EXPIRATION DATE: 01/12/2010.

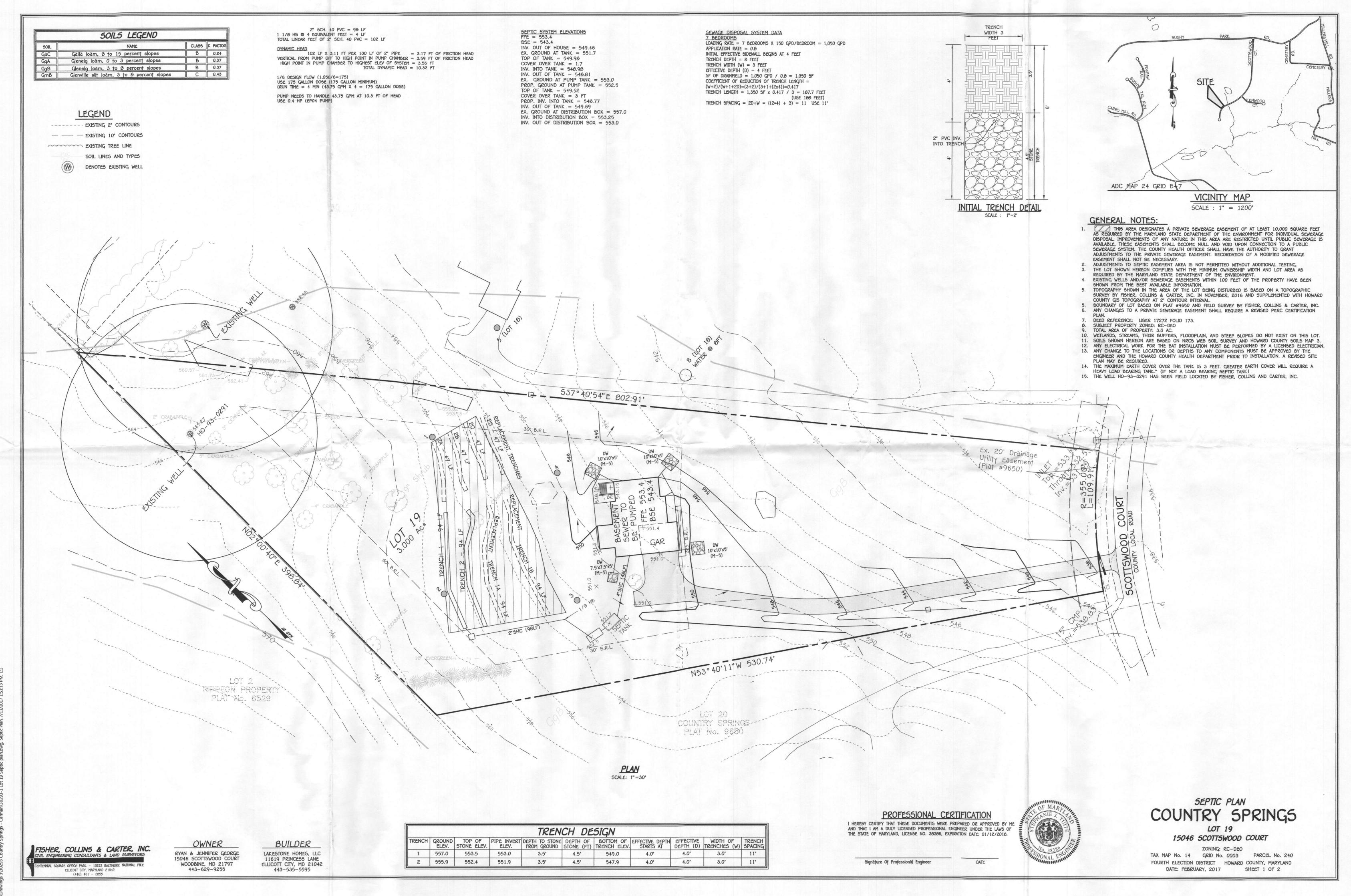
Signature Of Professional Engineer

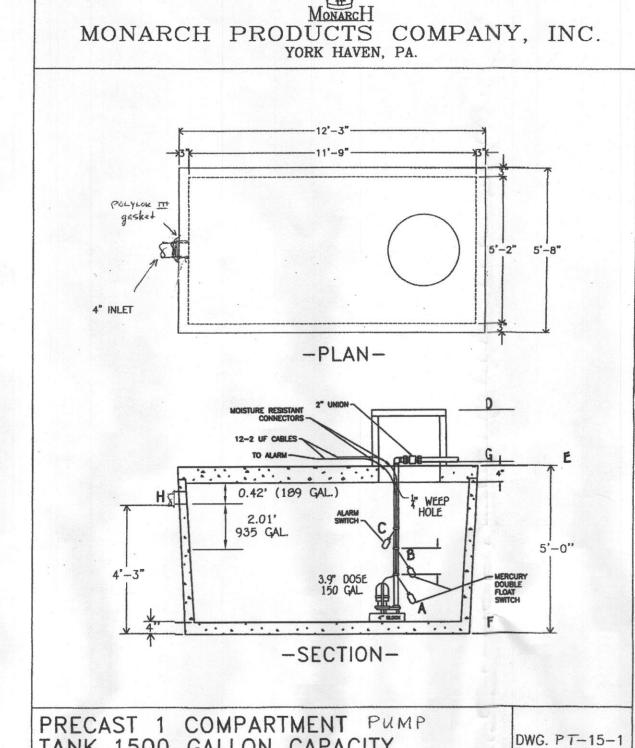
SEPTIC PLAN

COUNTRY SPRINGS

15046 SCOTTSWOOD COURT

ZONING: RC-DEO TAX MAP No. 14 GRID No. 0003 PARCEL No. 240 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND DATE: FEBRUARY, 2017 SHEET 2 OF 2





EMERGENCY STORAGE = 935 GAL. + 189 GAL = 1,124 GAL TOTAL

G DISCHARGE OUT OF TANK : 550.17 H INVERT INTO TANK : 548.92

TANK 1500 GALLON CAPACITY

PUMP ALARMS / INFORMATION
A PUMP OFF: 546.50
B PUMP ON: 547.19 HIGH WATER ALARM : 547.88 TOP OF ACCESS COVER : 552.70 E TOP OF TANK : 550.00 BOTTOM OF TANK : 544.67



APPLICATIONS

Effluent systems

Heavy duty sump

SPECIFICATIONS

Capacities: up to 60 GPM.

 Total heads: up to 31 feet. • Discharge size: 11/2" NPT.

• Temperature: 104° F (40° C) continuous 140° F (60° C) intermittent.

• Fasteners: 300 series stainless steel.

MODEL INFORMATION

EP0411A

EP0411F

EP0411AC

EP0412

EP0412F

EP0511AC .5

 Water transfer Dewatering

Homes • Farms

Specifically designed for the following uses:

Solids handling capability: ¾" maximum.

Mechanical seal: carbon-rotary/ceramic-stationary, BUNA-N elastomers.

Capable of running dry without damage to components.

GOULDS PUMPS

21 / 9.5

20 / 9.1 21 / 9.5

20 / 9.1

20 / 9.1

22 / 10 23 / 10.4 22 / 10

EP04 Single phase: 0.4 HP, 115 or 230 V, 60 Hz, 1550

EP05 Single phase: 0.5 HP, 115 V or 230V, 60 Hz, 1550 RPM, built in overload with automatic reset.

Power cord: 10 foot standard length, 16/3 SJTW with three prong grounding plug. Optional 20 foot length, 16/3 SJTW with three prong grounding plug (standard

Fully submerged in high grade turbine oil for lubrication and efficient heat transfer.

Available for automatic and manual operation.

Automatic models include Mechanical Float Switch

assembled and preset at the factory.

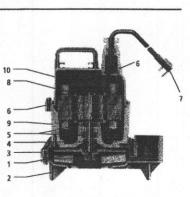
RPM, built in overload with automatic reset.

GOULDS PUMPS

PERFORMANCE RATINGS Total Head (ft. of wate

EP04 EP05
53 -
46 62
36 55
21 46
0 33
- 11

Mechanical Seal O-Rings Power Cord Oil Filled Motor Motor Housing/ Stator Assembly



CAPACITY 43.75 GPM

4" 5HC @ 1% SEPTIC TANK B5 543.4 539

EXISTING GROUND -

PROPOSED GRADE

4"5HC @ 1% -

SEPTIC PROFILE

HORIZONTAL SCALE: 1"=30'

VERTICAL SCALE: 1"=3'

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 30306, EXPIRATION DATE: 01/12/2018.

Signature Of Professional Engineer

DATE



SEPTIC PLAN COUNTRY SPRINGS

LOT 19 15046 SCOTTSWOOD COURT

ZONING: RC-DEO TAX MAP No. 14 GRID No. 0003 PARCEL No. 240 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND DATE: FEBRUARY, 2017 SHEET 2 OF 2

FISHER, COLLINS & CARTER, INC.

RYAN & JENNIFER GEORGE 15046 SCOTTSWOOD COURT WOODBINE, MD 21797 443-629-9255

LAKESTONE HOMES, LLC 11619 PRINCESS LANE ELLICOTT CITY, MD 21042 443-535-5595

INV. 553.0

Freemon, Robert

From:

Freemon, Robert

Sent:

Monday, January 23, 2017 2:32 PM

To:

'jeff@lakestonehomes.com'

Subject:

FW: 15046 Scottswood Ct.

Attachments:

15046 Scottswood Ct.pdf; HCHD BP Process.pdf; OSDS design plan requirements

11.21.16.pdf; Well & Septic SETBACKS.pdf

From: Freemon, Robert

Sent: Monday, January 23, 2017 2:30 PM

To: 'jeff@lackestonehomes.com' **Cc:** 'ryangeorge15@yahoo.com' **Subject:** 15046 Scottswood Ct.

Hi,

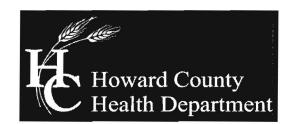
I am reviewing the building permit (B17000150) for 15046 Scottswood Ct. and have some comments (See Attached). If you submitted floor plans to Dept. of Inspections, Licenses, and Permits (DILP) they may not have forwarded them to us due to limited number of copies or were too large to scan. You can send them to me via email or by dropping them off at our office. Let me know if you have any questions.

Robert Freemon Howard County Health Department 8930 Stanford Blvd. Columbia, MD 21045 Well and Septic Program Bureau of Environmental Health

Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic



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Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

MEMORANDUM

TO:

Lakestone Homes

11619 Princess Ln. Ellicott City, MD 21042

FROM:

Robert Freemon 715

Well & Septic Program

RE:

15046 Scottswood Ct.

Woodbine, MD 21797 "Before BP Approval"

DATE:

1/23/17

I have reviewed the building permit B17000150 for 15046 Scottswood Ct. and here are my comments.

- Floor plans of the proposed house must be sent to the Health Dept.
- An On-Site Sewage Disposal Design Plan (OSDS) must be created and approved by the Health Dept.

Freemon, Robert

From:

Freemon, Robert

Sent:

Wednesday, January 25, 2017 11:17 AM

To: Cc: 'Stephanie Tuite' 'Tony Fertitta'

Subject:

RE: 15046 Scottswood Ct.

Here are the septic specs.

For all trenches: 4-8 sidewall credit, 0.8 rate

From: Stephanie Tuite [mailto:Stephanie@fcc-enq.com]

Sent: Monday, January 23, 2017 8:50 PM

To: Freemon, Robert **Cc:** Tony Fertitta

Subject: 15046 Scottswood Ct.

Importance: High

Can you send me septic specs for this property? Attached is the info Jeff sent us, but need specs. Thanks.

Steph



A 42471 LOT NUMBER: 19

SUBDIVISION: COUNTRY Springs

DRY WELL OR DRY WELL AND TRENCH

HD-191

		sq. ft./bedroom
	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	
4 bedroom	1250 gallon	
5 bedroom	1500 gallon	
Inletfeet	below original gra	de.
Bottom maximum depth	feet bel	ow original grade.
Effective area begins	at feet	below original grade.
and leave a to exceed l	5-foot earth buffe	sorbent area, run the trench on level ground r between dry well and trench. No trench is . Trench inlet to be same as dry well, with istribution pipe.
Sec.	TREN	CHES
		sq. ft./bedroom
Trench to be	wide.	
Inletfeet		
Bottom maximum depth	feet bel	ow original grade.
Effective area begins	at feet	below original grade.
feet of st	one below distribut	ion pipe.
(2) If more (3) Trenches (4) Call for (5) Provide tank and (6) If a ga	to be installed on inspection of tren 6" - 8" diameter drywell.	ed, a distribution box is required. level ground. ch before gravel is installed. cleanout and cap to grade or above on septions s used, increase septic tank capacity by 50%
LOCATION:		
		4
		,
		·

Transmittal

Via:	☐ Fax ☐ Fax (orig	☐ Mail ginal to follow via ∪	ger 🗌 E	-Mail	☐ To Be Picked Up	
To:	Bureau of E 8930 Stanfo	Environmental ord Blvd	Health	Attn: Fax:		bert Freemon 0) 313-2648
	Columbia, I	MD 21046-4544 	1	Phor	e: (4 1	10) 313-2640
From:	Stephanie 1	Tuite		CC:		
Re:	15046 Scot	tswood Court	- Septic Plan	W.O	# 30	293-1
Date:	02/10/17			Page	s:	Page(s) Including this cover
Rema Atta	ched please t	find three copie		•	for P	Shop drawings Other For Review & Comment ermit # B17000150. Tony Fertitta with our office.
Pleas	se call with a	ny questions.				
			Stephanie Tuit Fisher, Collins		EED A	AP BD&C

CONFIDENTIALITY NOTICE

This transmission contains confidential information which may be legally privileged, and is intended only for the use of the individual named above. If you are not the intended recipient, you are hereby notified that any distribution (except to the intended recipient), copying, or disclosure of this transmission is strictly prohibited.

Freemon, Robert

From:

Freemon, Robert

Sent:

Wednesday, February 01, 2017 2:50 PM

To:

'Tony Fertitta'

Subject:

RE: 15046 Scottswood Ct.

Hey Tony,

The septic tank does not need to be a heavy load bearing tank. It is a precautionary recommendation due to the 1% fall, the grading and the possibility the hung sewer hole is drilled by the plumber before reviewing the septic plan or doing the layout. The pump tank is going to need to be a load bearing tank if the grade goes unchanged. I was informed that the 2 inch slot in the dividing wall of the septic tank does not need to be shown. Hope this helps.

Robert Freemon Howard County Health Department 8930 Stanford Blvd. Columbia, MD 21045

Well and Septic Program

Bureau of Environmental Health

Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic

From: Tony Fertitta [mailto:tonyf@fcc-enq.com] Sent: Wednesday, February 01, 2017 12:21 PM

To: Freemon, Robert

Subject: RE: 15046 Scottswood Ct.

the tank is 2.7' in the ground why do I need a load bearing tank. I thought it need to be 3'+ for it needing load bearing.

Thanks Tony

From: Freemon, Robert [mailto:rfreemon@howardcountymd.gov]

Sent: Wednesday, February 01, 2017 9:23 AM

To: Stephanie Tuite Cc: Tony Fertitta

Subject: RE: 15046 Scottswood Ct.

Here are my comments for the OSDS Plan. Let me know if you have any questions.

Robert Freemon Howard County Health Department 8930 Stanford Blvd. Columbia, MD 21045 Well and Septic Program Bureau of Environmental Health

Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

Transmittal

Via:	☐ Fax ☐ Fax (oriç	☐ Fax ☐ Mail ☐ Messenger ☐ Fax (original to follow via U.S. Mail)				/lail	☐ To Be Picked Up
To:	Bureau of E	Environme	ntal Health		Attn:	Rol	bert Freemon
	8930 Stanfo	ord Blvd		Fax:	(41	0) 313-2648	
	Columbia, MD 21046-4544						0) 313-2640
From:	Stephanie 7	Tuite ———			CC:		
Re:	15046 Scot	tswood Co	urt - Septic Plan		W.O.#	302	93-1
Date:	Date: 02/15/17						Page(s) Including this cove
We ar	re forwarding:	□ Prints	Copy of Letter	Spec	cification	ns	☐ Shop drawings ☐ Other
		Urgent	For your use	As re	equeste	d	For Review & Comment
_							
Rema							
Atta	ched please f	find three c	opies of the revise	ed Septic	Plan f	or Pe	ermit # B17000150.
Plans	s have been r	evised to s	how a 2000 gallor	ı septic ta	ank.		4
				•			
Pleas	se call with a	ny question	ıs.				
			Stephanie Tuit Fisher, Collins			ED A	P BD&C

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Maura J. Rossman, M.D., Health Officer

MEMORANDUM

TO:

Stephanie Tuite

Fisher, Collins & Carter, Inc. 10272 Baltimore National Pike

FROM:

Robert Freemon 845

Well & Septic Program

RE:

15046 Scottswood Ct.

Woodbine, MD 21797

"OSDS"

DATE:

2/1/17

Here are my comments for 15046 Scottswood Ct. Onsite Sewage Disposal System Design Plan.

- Two Alternate well sites or a 1500sqft well box must be added to the plan.
 - Replacement trenches need to be shown on the plan.
 - Elevations between the "Septic Profile" and "Septic System Elevations" are not consistent.
 - The septic tank/pump tank is unacceptable. The pump must have its own chamber separate from the two compartments of the septic tank.
 - It is recommended the OSDS design include a heavy load bearing septic tank. The 1% fall in conjunction with grading limits room for error with pouring the foundation slab at the planned elevation.

A 2inch in height and 4 foot wide slot must be shown in the dividing wall of the two compartments of the septic tank.

There needs to be 6 inches between the pump and the tank floor.

- The septic tank needs to be 25ft from the storm water management dry well.
- Add the note: "Any change to the locations or depths to any components must be approved by the engineer and the Howard County Health Department prior to installation. A revised site plan may be required."
- Add the note: "The maximum earth cover over the tank is 3 feet. Greater earth cover will require a heavy load bearing tank." (If not a load bearing septic tank)
- Add the note: "Electrical work for the installation must be performed by a licensed electrician."
- Add the note: "The well (tag#____) has been field located and is accurately shown."

CON L MESON

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Α	707/1	_

SUBDIVISION: COUNTRY Springs

LOT NUMBER: 19

DRY WELL OR DRY WELL AND TRENCH

				sq. ft./bedroom
			Septic Tank	Minimum Total Square Feet
3 bedro	om		1000 gallon	
4 bedro	om		1250 gallon	
5 bedro	om		1500 gallon	
Inlet _		feet	below original gra	ade.
Bot tom	maximu	n depth _	feet be	low original grade.
Effecti	ve are	a begins	at fee	t below original grade.
NOTE:	and	leave a cceed 10	5-foot earth buffe	bsorbent area, run the trench on level grounder between dry well and trench. No trench is no Trench inlet to be same as dry well, with distribution pipe.
		ž.	TRE	NCHES
				sq. ft./bedroom
Trench	to be		wide.	
			below original gra	ade.
Bottom	maximu	n depth _	feet be	low original grade.
Effecti	ve are	a begins	at fee	t below original grade.
			one below distribu	
NOTE:	(1)	No trench	n to exceed 100 fe	et in length.
	(2)	If more t	than one trench us	ed, a distribution box is required.
			to be installed or	
				nch before gravel is installed. cleanout and cap to grade or above on septic
		tank and	drywell.	
			rbage disposal ease absorbent side	is used, increase septic tank capacity by 50% ewall area by 22%.
LOCATIO	N:			
	-			
			y management proceed from	
HD-191				