

Bureau of Environmental Health

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

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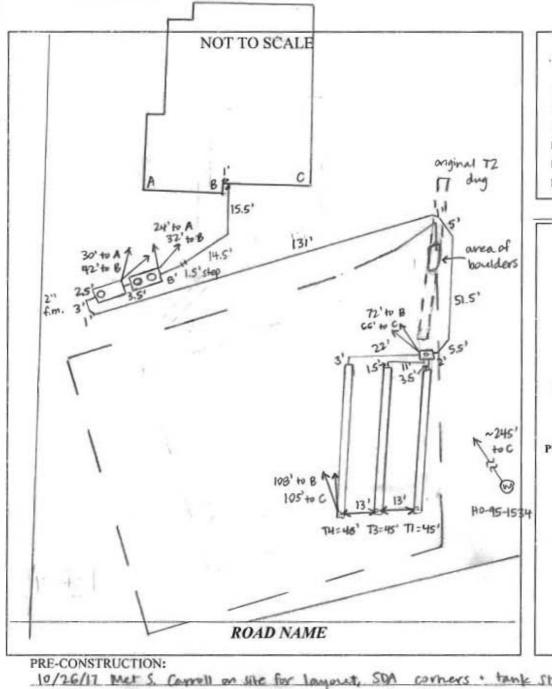
Maura J. Rossman, M.D., Health Officer

RECEIPT	DATE: 10/13/17 ONSITE SEW	AGE DISPOSA	AL SYSTEM	P	562301
APPROVAL	DATE: 12/7/17 6 PERMIT	r: const	TRUCTION	. A	
PROPERTY A	DDRESS: 14665 Red Lion Drive				
SUBDIVISION	: Red Lion Estates		LOT: 16	TAX ID:	04-374649
CONTRACTO	R: South Carroll Backhoe		EMAIL:	scbackhoe@com	cast.net
CONTRACTOR	ADDRESS: 4410 Salem Bottom Roa	d, Westminster, N	MD 21157	PHONE:	410-596-3618
PROPERTY O	WNER: Salvatore and Estela Val	enziano	EMAIL:		
OWNER ADDR	ESS: 14661 Red Lion Drive, Wood	lbine, MD 21797		PHONE:	
SEPTIC TANK S	SIZE (GALLONS): 1500	TANK MANUFA	CTURER: B	abylon	
PUMP MODEL	: Pump Size	1/3	PUMP TA	NK CAPACITY:	1000
DISTRIBUTIO	N SYSTEM: ⊠ GRAVITY □	PRESSURE DOSED	BEDROOMS:	4 APPLICA	ATION RATE: 1.2
3	LINEAR FEET REQUIRED: 139			INLET DEPTH:	4
TRENCHES:	TRENCH WIDTH: 3	4	MAXIMUN	BOTTOM DEPTH:	8
	MINIMUM SPACE BETWEEN TRENCHES: 10	EF	ECTIVE AREA B	EGINNING DEPTH:	7
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DI SURVEYOR PRIOR TO PRE-CONSTRUCTI		TANK LOCATION	IS MUST BE STAKE	BY LICENSED
NOTES:	Wall Check indicates possibility that hou at upper SDA boundary,	ise sewer may be lo	wer elevation th	an planned. Place C	box and upper trench
ISSUED BY:	Robert Freemon	ISSUE DATE:	10/13/17	EXPIRATION D	ATE: 10/13/18
NOTE: CON	TRACTOR MUST SCHEDULE A PRE-CONST	RUCTION INSPECTION	ON PRIOR TO BE	GINNING ANY INST	ALLATION
	TRACTOR MUST SCHEDULE AN INSPECTIO				
	IE MUST BE APPROVED BY HEALTH DEPAR ERTIGHT TANKS REQUIRED	TIMENT AND GRAVE	EL TICKET MUST	BE AVAILABLE FOR	REVIEW.
	PARTS OF SEPTIC SYSTEM SHALL BE AT LEA	ST 100 FEET DOWN	GRADIENT FROM	M ANY WATER WELL	
	HOLE RISERS REQUIRED ON ALL SEPTIC TA				54
NOTE: AN E	LECTRICAL PERMIT IS REQUIRED FOR INS		ELECTRICAL CO	MPONENTS OF THE	SYSTEM
A DOS WARES AND A STREET AND A STREET		004217	1000107000000	2001 B 2002 B 2001 D 2001	
	RECOMMENDS SEPTIC TANKS, BAT, AND NSURE THAT SOLIDS ARE NOT DISCHARG			PUMPED AT A FREC	QUENCY ADEQUATE

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.

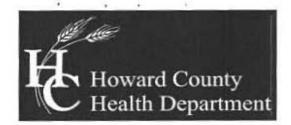


TRENCH	/DRAINFIEL	D DATA
WIDTH	INLET	BOTTOM
31'	4'	8'
NUMBER OF	TRENCHES _	3
TOTAL LENG	отн1	38'
ABSORPTIO	N AREA 414	+SIDEWA
DISTRIBUTIO	ON BOX LEVEL	YES
DISTRIBUTIO	ON BOX BAFFL	ELBOW
DISTRIBUTIO	N BOX PORT	YES
	Description of the second	118

SEPTIC TANK I LEV	
MANUFACTURER	BARYLON
CAPACITY	500 GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC_	FRONT + REA
6" PORT LOC	HONE
WATERTIGHT TEST	T_NO_
SLOTTED	YES
DATE ON LID	
PUMP/SEPTIC TANK I	EVEL YES
MANUFACTURER_	BABYLON
CAPACITY	000 GAL
SEAM LOC	TOP
TANK LID DEPTH	1.5-2'
BAFFLES	No.
BAFFLE FILTER	
MANHOLE LOC	REAR
6" PORT LOC	NONE
WATERTIGHT TEST	L NO
SLOTTED	No
DATE ON LID	9-15-17
Pump: 1/3 h	The second secon

10/26/17 Met S. Carrell on site for layout, SDA corners + tank staked. Contour is stightly off from plan - laid out 3 = 46' trenches to fit in upper part of SDA. Put D-box closer to middle of easement. (SO)

INSTALLATION: 10/31/17 T1 · T3 dag. T3 left open for inspection + T1 open at ends. 3' wide, 3.5' to stone. S. Carrell digging T2 hit two boulders ~5' depth 19' into T3 from start. Solid pipe 9' over that area + add 9' to T2 end. Soil laoks good in trench after yorky area. © [Correspondance: homeowner on site + does not want trench outside. SDA. Okay to install 1× 48' trench on contour below f1 + T3. Keep 12' CTC. 201* Tanks set, line run from house to tanks. House connection made. 11/1/17. Tit dag + left open for inspection. 3' unde. 3.5' to stone. No rock > 50% in T4. 2" force main run from pump tank to D-box. Need pump + alarm test. 50/12/6/17 on site fx pump + alarm. Not enough water in tank, junction box must be above grade. 60/12/7/17 Junction box now above FINAL INSPECTOR. Sarah Collins. DATE OF APPROVAL 12/7/17 grade, alarm sounds, pump pumps effluent to D-box. 60



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

MEMORANDUM

TO:

Ronald Thompson

310 South Main Street

Mt. Airy, Maryland 21771

FROM:

Robert Freemon #45

Well & Septic Program

RE:

Red Lion Inn. Estates Lot 16

14665 Red Lion Drive

Woodbine, MD 21797

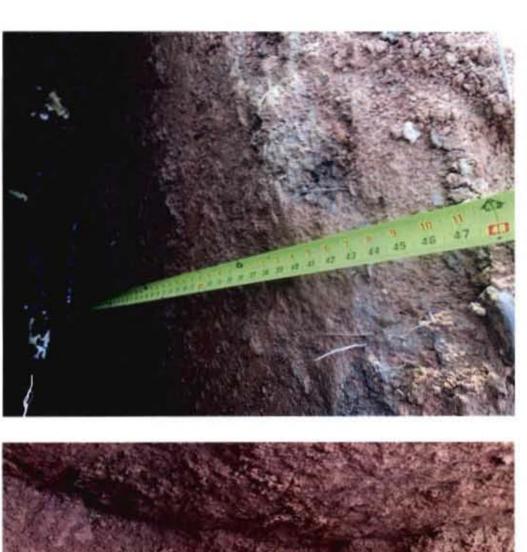
"BAT Plan"

DATE:

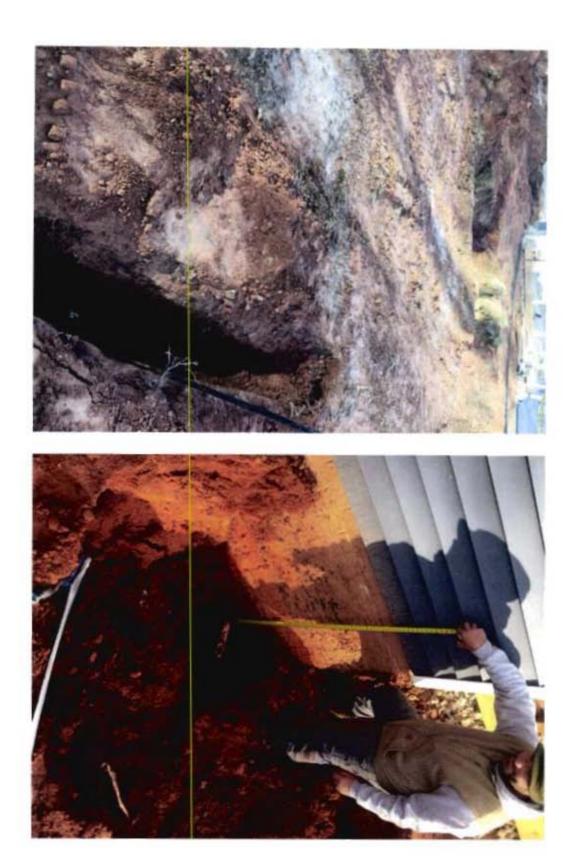
10/25/16

Having looked at the BAT Plan I noticed the Septic Disposal Area is different from the latest signed Percolation Certification Plan of 2/22/08. If the decision is to adjust the Septic Disposal Area a Revised Percolation Certification Plan must be submitted and approved by the Health Dept.

-sleeve extends from house to 20' past septic area per builder 14665 Red Lion Drive well line installation







Freemon, Robert

From:

Freemon, Robert

Sent:

Monday, November 28, 2016 10:44 AM

To:

Subject:

'Ron Thompson' RE: Red Lion Lot 16

All septic tanks need to be two compartment.

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

Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

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

From: Ron Thompson [mailto:ron@vanmar.com]
Sent: Friday, November 25, 2016 12:30 PM

To: Freemon, Robert

Subject: RE: Red Lion Lot 16

Spencer:

One question – it appears the regular tank section needs to be shown on the plans. For a 1250 gallon tank (4 bedroom), does it need to be a two compartment tank or is it a single tank? The details I have from Babylon Tank show it as a single compartment tank?

Thank you.

Ronald E. Thompson, PE VANMAR ASSOCIATES 310 South Main Street PO Box 328 Mount Airy, Maryland 21771 301-829-2890 (O) 443-421-2164 (C) 301-831-5603 (F)

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

Sent: Tuesday, November 22, 2016 10:45 AM To: Ron Thompson < ron@vanmar.com >

Subject: RE: Red Lion Lot 16

Hey Ron,

If they wish to change the BAT unit to a regular septic tank you will need to red line the plan yourself or print off a new OSDS (See attachments). I can red line the Note but not the septic tank change. Let me know what you decide. If you have any questions let me know.

Robert Freemon Howard County Health Department 8930 Stanford Blvd. Columbia, MD 21045 Well and Septic Program Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

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

From: Ron Thompson [mailto:ron@vanmar.com]
Sent: Monday, November 21, 2016 3:24 PM

To: Freemon, Robert

Subject: RE: Red Lion Lot 16

That will be fine. Also, will this site qualify for a regular septic tank instead of a BAT tank? I think the owners would like to not use a BAT tank. If they do, that can also be red lined.

Ronald E. Thompson, PE VANMAR ASSOCIATES 310 South Main Street PO Box 328 Mount Airy, Maryland 21771 301-829-2890 (O) 443-421-2164 (C) 301-831-5603 (F)

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

Sent: Monday, November 21, 2016 2:53 PM To: Ron Thompson < ron@vanmar.com >

Cc: neil@mulloybuilders.com Subject: Red Lion Lot 16

Hey Ron,

I would like to Red Line Note 17 on the Perc Cert and Note 10 on the BAT Plan to include: The property line closest to perc hole #59 must be staked prior to system installation "by a licensed surveyor". Would this be alright with you?

Robert Freemon Howard County Health Department 8930 Stanford Blvd. Columbia, MD 21045 Well and Septic Program Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

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

LETTER OF TRANSMITTAL

□AGENCY □	CLIENT DFII	E DBILLING DO	COORESPONDANCE DOTHER		
	310 S	Engineers ~ Sur outh Main Street, P.O. 301-829-2890 301-8	Sociates, Inc. rveyors ~ Planners Box 328, Mt. Airy, MD 21771 31-5015 301-695-0600 FAX) 301-831-5603		
TO: Howard County Dept. of Environmental Health 8930 Stanford Boulevard Columbia, Maryland 21045 Attn: Robert Freemon			DATE: March 15, 2017 PROJECT: RED LION INN ESTATES, Lot 16 VanMar # B65594		
		ENCL	OSED:		
COPIES	DATE		DESCRIPTION		
		Revised			

COPIES	DATE	DESCRIPTION
3	3/15/17	Revised Onsite Sewage Dispoisal System Design Plan, Lot 16 Red Lion Inn Estates

REMARKS: Hi Robert, revised to reflect your comments Submitted for review and approval. Thank you!

COPIES TO (ADDRESS): John & Rosa Horst, 2767 Thornbrook Road, Ellicott City, Maryland 21042

SUBMITTED BY: dkv Greng.5594.lot 16 BAT Plan.3.15.17



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

MEMORANDUM

TO:

Ronald Thompson

310 South Main Street Mt. Airy, MD 21771

FROM:

Robert Freemon #15

Well & Septic Program

RE:

Red Lion Estates

Lot 16

Revised Perc Cert & BAT Plan

DATE:

11/7/16

Here are my comments for the Revised Perc Cert:

- All existing structures on the property must be shown on the plan. There is an existing shed on the property that is not being shown on the plan.
- The failed perc hole symbol in the legend needs to be removed as there are no failed percs on the plan.
- The greater than 25% slope symbol in the legend needs to be removed as there are no greater than 25% slopes on the plan.
- Add the note: The property line closest to Perc Hole #59 must be staked prior to system installation.

Here are my comments for the BAT Plan:

- All existing structures on the property must be shown on the plan. There is an existing shed on the property that is not being shown on the plan.
- Well Certification Statement needs to be added to the plan. The statement must include the tag number and a signature certifying it was field located and accurately shown.
- All perc holes must be labeled with their corresponding test number.
- Add the note: The property line closest to Perc Hole #59 must be staked prior to system installation.
- The cross-section of the pump chamber is not acceptable. We need to see a better pump tank cross-section from the tank manufacturer.
- The pump tank model being chosen must be shown on this plan.
- The Fiction loss calculations are incorrect and must be corrected.
- The Ball Valve uses the Gates Valve coefficient in the friction loss calculations. If the
 gate valve is being installed than it must be labeled as a gate valve. If the Ball Valve is
 being installed than the Ball Valve coefficient must be used in the calculations.

Capy Neil Mullay in Enail 301 829 2890 11/14 Talked to Ron about Calculations

Freemon, Robert

From:

Freemon, Robert

Sent:

Tuesday, October 25, 2016 3:30 PM

To:

'Ron Thompson'

Cc:

'neil@mulloybuilders.com'

Subject:

Red Lion Inn Lot 16

Attachments:

14665 Red Lion Dr.pdf; Signed PC.pdf; Perc-Site Plan REQ.pdf; Plan Notes REQ.pdf; Well

& Septic SETBACKS.pdf

Hi Ron,

Here are my comments for the BAT Plan for 14665 Red Lion Drive. I have CC'd the builder as per his request. If you have any questions let me know. (See Attachments)

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

Well and Septic Program Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

Transmittal Form #9

rev - 6/04

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING Division of Land Development

		DIVISION OF EG	nd Developin	16111	
DATE:	6-20-07			DPZ File No.	WP-07-131
epart	ment of Planning and Zoning				
1	Transportation Planning		/ En	vironmental and Com	munity Planning (Ag Pres/Route 1
1	Historic Preservation			velopment Engineerin	
	Public Service and Zoning Administration			her	3
	Research		Z FI		
	Address Coordinator		0	- /-	
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Agenci	es				
1	Soil Conservation District		Ta	x Assessment	
1	Department of Inspections, Licenses & Per	rmite		rizon	
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2	Final Plat/Plat of Easement/RE Plat		_	Declaration of In	itent (Forest Cons)
_	Final Constr Plans (RDS)		1	Drainage and/or	Computation/Pond Safety Comp
	Final Development Plan			Preliminary Road APFO Roads Te	d Profiles
	Site Development Plan		2	APFO Roads Te	st/Mitigation Plan/Traffic Study
	Landscape Plan/Supplemental Plan			Noise Study	
	Grading Plan		_	Sight Distance A	nalysis/Speed Flow Study
_	House Type Revision/Walk-Thru Red-Line				
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4	Waiver Patrion Applic/Exhibit		_	Road Poster For	m Letter
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			-		ity or HDC Meeting Information
				Route 1 Details/S	Summary
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OMME	NTS:			SRC/Comments	Due By: 7-27-0/
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V	Check, initial and return to the Departme	nt of Planning and	Zonina if ni	an is approved with	no comments.
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From:

Robert Bricker

To:

Shanaberger & Lane

Date:

7/2/2007 5:20:35 PM

Subject:

Re: WP-07-131 Red Lion Inn Estates Lots 15 to 18

My comments concern the proposal as presented, that the noise abatement is implemented through design and contruction of the residences.

You are correct in your belief that the Health Department will not approve a proposal that alters the hydrology in and around the described septic easements. These are conflicting land uses. The Health Department responded negatively to the previous proposal to locate sound-deflecting fences on the areas of the subject property platted as septic easements. -Robert Bricker

>>> "Shanaberger & Lane" <home@shanlane.com> 7/2/2007 4:47 PM >>> Robert,

Thank you for your comments regarding this waiver request. In the event that the Development Engineering Division continues requesting that the noise wall be built as originally approved, crossing part of the private septic easement for Lot 17, it is my belief that the Health Department would not approve such an arrangement. The noise wall would be a wood fence built with the bottom flush to the ground, and with stone-filled gabions beneath it. As such, the fence would impede the flow of surface water during and after precipitation, and the gabions would collect that surface water and direct it into the ground. I cannot imagine this being allowed in a private sewage easement. What would the Health Department's position be on this issue?

Attached are copies of your comments on the waiver position, and a pdf file of the originally-approved noise wall location across the private sewage easement.

Thank you.

G. Scott Shanaberger Professional Land Surveyor Shanaberger & Lane

---- Original Message -----

From: "Robert Bricker" < rbricker@howardcountymd.gov">rbricker@howardcountymd.gov
To: "Cindy Hamilton" < CHamilton@howardcountymd.gov

Cc: <G Scott Shanberger <home@shanlane.com>

Sent: Thursday, June 28, 2007 5:00 PM

Subject: WP-07-131 Red Lion Inn Estates Lots 15 to 18

Cindy,

Content of attched file follow:

6/28/2007

TO: Cindy Hamilton, Chief Division of Land Development

FROM: Robert Bricker, Environmental Sanitarian Well and Septic Program

Wo Comment

RE: File Number: WP-07-131 (reference F-07-089)

Title: Red Lion Inn Estates Lots 15 to 18

The Howard County Health Department has reviewed the above referenced submittal. We understand that the alternative to a sound-deflecting wall or fence proposed by the property owner will have no impact on existing or proposed wells and septic systems including the septic easements. We have NO COMMENT regarding the waiver requested by the property owner as it relates to the subdivision proposed on Final Plat F-07-089.

RCB CC: G, Scott Shanaberger, Shanaberger & Lane file

No virus found in this incoming message. Checked by AVG Free Edition. Version: 7.5.476 / Virus Database: 269.9.12/878 - Release Date: 6/28/2007 5:57 PM

