

# APPLICATION

A 22772

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 445-5000, EXT. 356

DISTRICT 5

DATE 1/27/76

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Frank T. Willson & Wf., et al

ADDRESS 4 Ashton Realty Co., Route 100, Ashton, Md. PHONE (8) 924-4811

PROPERTY LOCATION:

SUBDIVISION Linden Channel Hills LOT NO. 12, Blk. A, Sec. 5

ROAD AND DESCRIPTION R/W off Orlen Drive

SIZE OF LOT 111,000 sq. ft. TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_  
NUMBER OF BEDROOMS  
(Single Family Dwlg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OR APPLICANT /s/ Robert Johnson

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

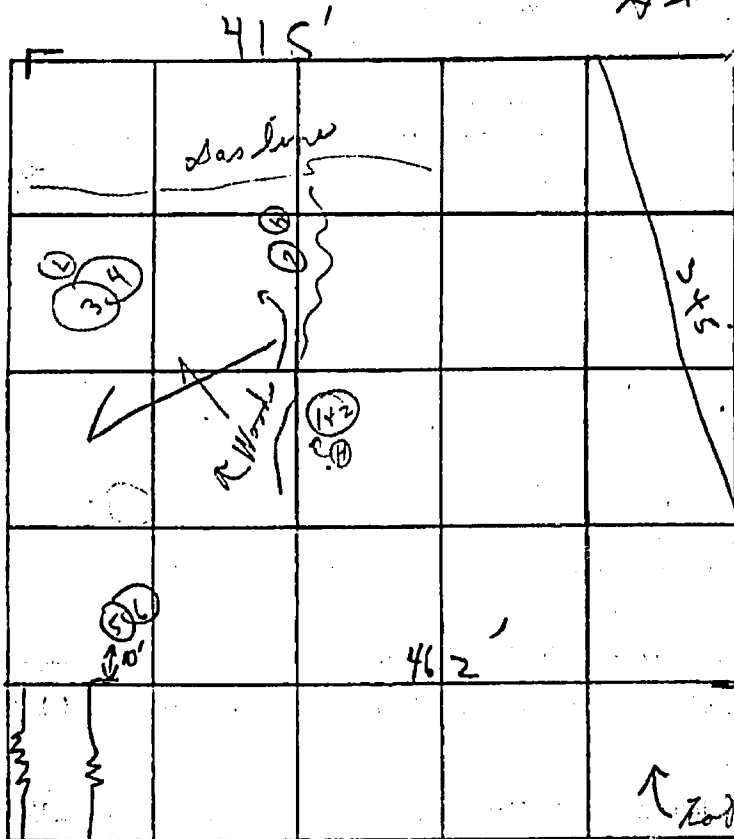
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

A 22772



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Orion

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/14/76	1	6' s	1:57	1:59	1:59	2:03	4m	
	⊕ 2	13 1/2' n	1:59	1:59	1:59	2:05	6m	
	3	6' s	2:15	2:17	2:17	2:22	5m	
	⊕ 4	13' n	2:15	2:19	2:19	2:25	6m	
	5	5 1/2' s	2:32	2:35	2:35	2:41	6m	
	⊕ 6	13' n	2:33	2:36	2:36	2:45	9m	
	⊕ 7	(12 1/2' Visual similar to others)						
						6:36	6m	

Handy 4' sand each 6'

120 sq ft 6m

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT:

Sandy <sup>micro</sup> loam - below clay

C. B. D

F. rock + men

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Wednesday, December 8, 2021 1:43 PM  
**To:** 'Michael Romero'  
**Cc:** Freemon, Robert; Williams, Jeffrey  
**Subject:** RE: B21003799\_13522 Orion Drive\_1 story addition master suite  
**Attachments:** Building Permit Application Process.pdf; ENGINEERS\_2.4.2020.pdf; SEPTIC CONTRACTORS 2.4.2020.pdf; Percolation & Plan Requirements For Developed Lots.pdf; Percolation Test Application.pdf; A22772\_P29179.pdf

Hi Michael:

Thank you for sending me the floor plans. The existing floor plan shows 5 bedrooms on 2<sup>nd</sup> floor (including the multipurpose room). With the addition of a master suite, the total # comes to 6 bedrooms. While the existing 1250 gallon septic tank is rated for 4 bedrooms, the drywell/trench is only good for 3 bedrooms (252 + 211 = 463 / 150 gallons per bedroom = 3 bedroom).

**Existing System Calculation:**

Effective area starts at 6' with bottoms of both systems at 12'. Using a 0.8 application rate based on the percs at 6', the trench has capacity for 252 gpd, and the drywell has capacity for 211 gpd (44' perimeter x 6' depth x 0.8 rate). There is no data for 4' buffer (only about 1.5' at most), so the perc test hole closest to existing system must go to 16 feet deep. Septic record attached.

**Moving forward, the following requirements will apply to this building permit prior to approval:**

1. Perc testing (PT) to establish/confirm adequate sewage disposal area (SDA).
2. Percolation Certification Plan to formally establish the SDA on the property.
3. Onsite Sewage Disposal System (OSDS) Plan to show septic upgrades and replacement systems within the established SDA.
4. Septic Upgrades to the existing system.
5. Well Upgrades (TBD).

The perc test process starts with a perc test application, test plan from an engineer and fee (\$506). I've attached information about our BP application process, PT application, and a list of engineers and septic contractors to assist you.

Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786  
hoswald@howardcountymd.gov

**From:** Michael Romero <michael@romeroarchitects.com>  
**Sent:** Thursday, December 2, 2021 2:59 PM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** Re: B21003799\_13522 Orion Drive\_1 story addition master suite

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hello Hank,

As requested, please find attached the floor plan. Let me know if you need anything else. Thanks!

Best,

Michael

Michael Romero  
*Principal*  
**Romero Architects**  
4106 Gallatin Street  
Hyattsville, MD

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202.436.2200  
[www.romeroarchitects.com](http://www.romeroarchitects.com)

Licensed Architect in Maryland, Washington, D.C., & Virginia

On Dec 2, 2021, at 11:16 AM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Michael:

I am following-up on behalf of my coworker Spencer Freemon on building permit # B21003799. The address is 13522 Orion Drive. You sent him a copy of the existing floor plan. Can you also forward a copy of the proposed floor plan for the 1-story master suite addition? Once I have this information, I will be able to provide you with the requirements by this Department.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)