



# Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

DILP 2019 AIR 2 PH2:05  
Date Received: \_\_\_\_\_  
Permit No.: B19002541

Building Address: 12054 Hill Top Rd.  
 City: Luxxville State: MD Zip Code: 21029  
 Suite/Apt. #: \_\_\_\_\_ SDP/WP/DA #: \_\_\_\_\_  
 Subdivision: \_\_\_\_\_  
 Lot: M1A Tax Map: 41 Parcel: 130

Existing Use: single family home  
 Proposed Use: same  
 Estimated Construction Cost: \$ 20,000.00  
 Description of Work: Pole Building 40x30

Occupant/Tenant Name: \_\_\_\_\_  
 Was tenant space previously occupied?  Yes  No  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Property Owner's Name: Shane Griffith  
 Address: 12054 Hill Top Rd.  
 City: Luxxville State: MD Zip Code: 21029  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: Shane@RMMechanicalSpecialists.com

Applicant's Name & Mailing Address, (if other than stated herein)  
 Applicant's Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Contractor Company: Fetterville  
 Contact Person: Ivan Smucker  
 Address: 245 Fetterville Rd.  
 City: East Earl State: PA Zip Code: 17519  
 License No.: 134975  
 Phone: 800-331-1875 Fax: \_\_\_\_\_  
 Email: Ivan@fettervillesales.com

Engineer/Architect Company: James Kopenhagen  
 Responsible Design Prof.: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1st floor: <u>40</u> <u>30</u>	
	2nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
<b>Construction type:</b>	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	<b>Multi-family Dwelling</b>	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Shane Griffith Print Name: Shane Griffith  
 Email Address: Shane@RMMechanicalSpecialists.com Date: 8/2/19  
 Title/Company: \_\_\_\_\_

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
 \*\*PLEASE WRITE NEATLY & LEGIBLY\*\*  
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA ( Zoning )		
PSZA ( Engineering )		
Health	<u>8/20/19</u>	<u>H. Oswald</u>

Is Sediment Control approval required for issuance?  Yes  No  
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	
Rear:	
Side:	
Side St.:	
All minimum setbacks met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$ <u>25</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>1854</u>

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, August 20, 2019 1:29 PM  
**To:** Shane Griffith  
**Subject:** RE: B19002541\_12054 Hall Shop Road

Hi Mr. Griffith:

Yes, I did receive the new plan and pump receipts. After some back & forth, I decided to accept the plan that was developed for the neighboring property located at 12050 Hall Shop Road because it does look like it accurately represents the locations of the well and septic components on your property located at 12054 Hall Shop Road. I made some notes on the plan to help clarify that the plan was for the proposed pole barn on your property.

The plan does not show how the driveway will be extended to the proposed structure. If you were to extend the driveway, then I would not recommend crossing the sewer house connection. I would also stay as far from the septic tanks as possible.

The building permit has been approved by the Health Department. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

-----Original Message-----

**From:** Shane Griffith <Shane@rmmechanicalspecialists.com>  
**Sent:** Tuesday, August 20, 2019 12:30 PM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** Re: B19002541\_12054 Hall Shop Road

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

Hank just checking in did you get everything you needed let me know please thanks have a good day

Sent from my iPhone

> On Aug 13, 2019, at 8:48 AM, Oswald, Hank <hoswald@howardcountymd.gov> wrote:

>

> Dear Mr. Griffith:

>

> This office is in receipt of a building permit for a 40' x 30' pole building. Prior to approval of the building permit, please supply the following:

>

>

> 1. A scaled site plan showing the septic tank locations.

> 2. An updated service contract with a scavenger truck to pump the septic tanks. In addition, please provide this office with copies of the last two pumping receipts.

**COMPLETE THIS FORM WHEN DROPPING OFF ANY  
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY  
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 8/15/19  
To: Hank Oswald  
(Person's Name and Division)  
From: Shane Griffith (301) 252-3611  
(Your Name, Company Name and Telephone Number)  
Subject: Project name Pole Barn  
Project site address 12054 Hall Shop Rd Clarksville MD 2029  
Permit # B19002541 SDP # \_\_\_\_\_  
Other information pertinent to this project \_\_\_\_\_

✓ Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
- Letter Summarizing Changes
- Energy conservation calculations
- Copies of Septic Bills (be specific).  
 Health Department Request  DPZ/ DED Request  Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # \_\_\_\_\_
- Other site plan

**Contact Person Information: (Required)**

Shane Griffith  
Please Print Name

Telephone No: 301-252-~~528~~3611

E-Mail Address: Shane@rmmechanicalspecialists.com

**PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.**

**RECEIVED**

Received by 

**AUG 15 2019**

# Fyock Septic Service, Inc.

P. O. Box 89  
Glenelg, MD 21737

410-988-9270 Office

410-531-1256 Fax #

## Invoice

Date	Invoice #
5/6/2019	R9894

<b>Bill To</b>			<b>Service Location</b>		
Shane Griffith 12054 Hall Shop RD Clarksville, Md 21029			pump sealed tanks every 3 months		
<b>Rep</b>	<b>Terms</b>	<b>Due Date</b>	<b>Time</b>		
AS	Due on receipt	5/6/2019	301-252-3611		
<b>Service</b>	<b>Description</b>		<b>Rate</b>	<b>Miles/Loads</b>	<b>Amount</b>
Residential P... Fuel 1500 Gallons	Pump Out Residential Septic Tank Fuel Surcharge County Waste Disposal Fee		185.00 10.00 65.00		185.00 10.00 65.00
Notice To Customer: I understand that Fyock Septic Service is NOT responsible for any damage to property while rendering services at the above address.				<b>Total</b> \$260.00	
Customer Signature: _____			Date: <u>5-6-19</u>		
Comments			Serviced By <u>Skip</u>		
			Check # _____		
<b>MAKE CHECK PAYABLE TO FYOCK SEPTIC SERVICE</b>					

# Fyock Septic Service, Inc.

P. O. Box 89  
Glenelg, MD 21737

410-988-9270 Office  
410-531-1256 Fax #

## Invoice

Date	Invoice #
8/6/2019	R9895

<b>Bill To</b>			<b>Service Location</b>		
Shane Griffith 12054 Hall Shop RD Clarksville, Md 21029			pump sealed tanks every 3 months		
<b>Rep</b>	<b>Terms</b>	<b>Due Date</b>	<b>Time</b>		
AS	Due on receipt	8/6/2019	301-252-3611		
<b>Service</b>	<b>Description</b>		<b>Rate</b>	<b>Miles/Loads</b>	<b>Amount</b>
Residential P... Fuel 1500 Gallons	Pump Out Residential Septic Tank Fuel Surcharge County Waste Disposal Fee		185.00 10.00 65.00		185.00 10.00 65.00
Notice To Customer: I understand that Fyock Septic Service is NOT responsible for any damage to property while rendering services at the above address.				<b>Total</b> \$260.00	
Customer Signature: _____			Date: 8-6-19		
Comments			Serviced By <i>Step</i>		
			Check #		
<b>MAKE CHECK PAYABLE TO FYOCK SEPTIC SERVICE</b>					

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, August 13, 2019 8:48 AM  
**To:** 'SHANE@RMMECHANICALSPECIALISTS.COM'  
**Subject:** B19002541\_12054 Hall Shop Road  
**Attachments:** Septic Record\_12054 Hall Shop Road.pdf

Dear Mr. Griffith:

This office is in receipt of a building permit for a 40' x 30' pole building. Prior to approval of the building permit, please supply the following:

- 1.) A scaled site plan showing the septic tank locations.
- 2.) An updated service contract with a scavenger truck to pump the septic tanks. In addition, please provide this office with copies of the last two pumping receipts.

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

Respectfully,

Hank

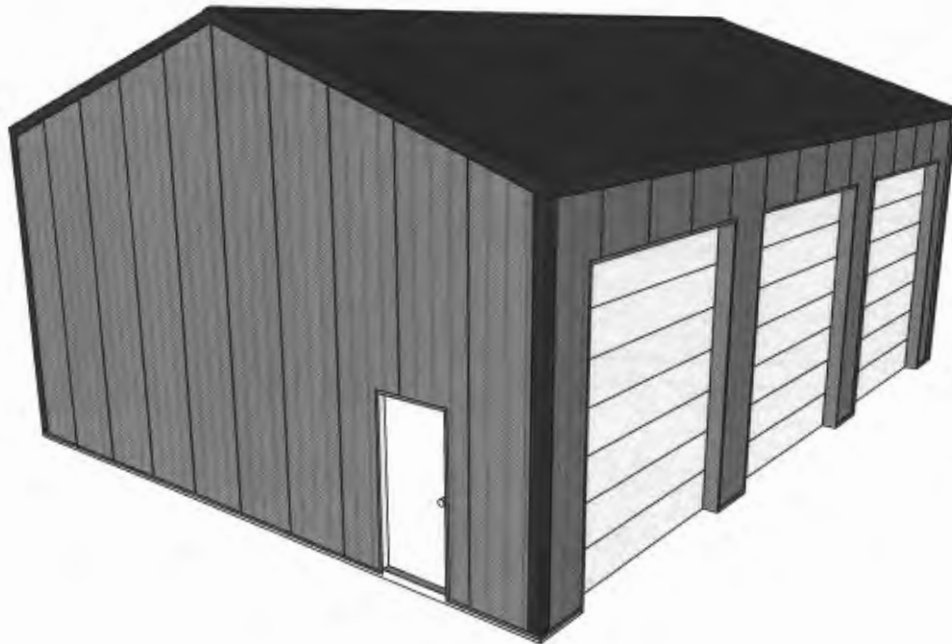
Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

B19002541



**Contract: 116FEIS19**  
**Free Standing Building installed on your level site**  
**30' width x 40' length x 14' inside height**  
**Roof System: 4' o/c trusses Pitch: 4/12**  
**Loading: 30-5-5 standard**  
**Walls: 8' o/c 3-Ply 2x6 Glulam Load-Bearing Posts**  
**Siding: 28 Gauge Painted Steel (Ash Gray)**  
**Trim Color (Ash Gray), Heron Blue Corner Trim & L Trim**  
**Roofing Type: 27 Gauge Painted Steel with Ridge Vent**  
**(Heron Blue)**  
**Flush Eaves & Gables**  
**3 - 10 X 12 Insulated Steel-Backed (White)**  
**Overhead Door(s) RPI #4300**  
**1 - 3' X 6'8" Steel Flush Entry Door(s)**  
**MD Engineered plans**



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. 16053, Expiration Date: 06-04-2020, per Code of Maryland Regulations 09.23.03.10

**THIS BUILDING MEETS OR EXCEEDS THE 2015 IBC BUILDING CODE FOR POST FRAME CONSTRUCTION**

**Special Conditions**

- \* **Finished Floor 1.5 " Below Top Of Skirt board.**
  - \* **Skirt Board: 1 Row Treated 2x6.**
  - \* **Trash Removal By Fetterville.**
- For Contract: 116FEIS19**

**Cover Sheet**



**Client Name:** *Shane Griffith*

**Address:** *12054 Hall Shop Rd  
Clarksville, MD, 21029*

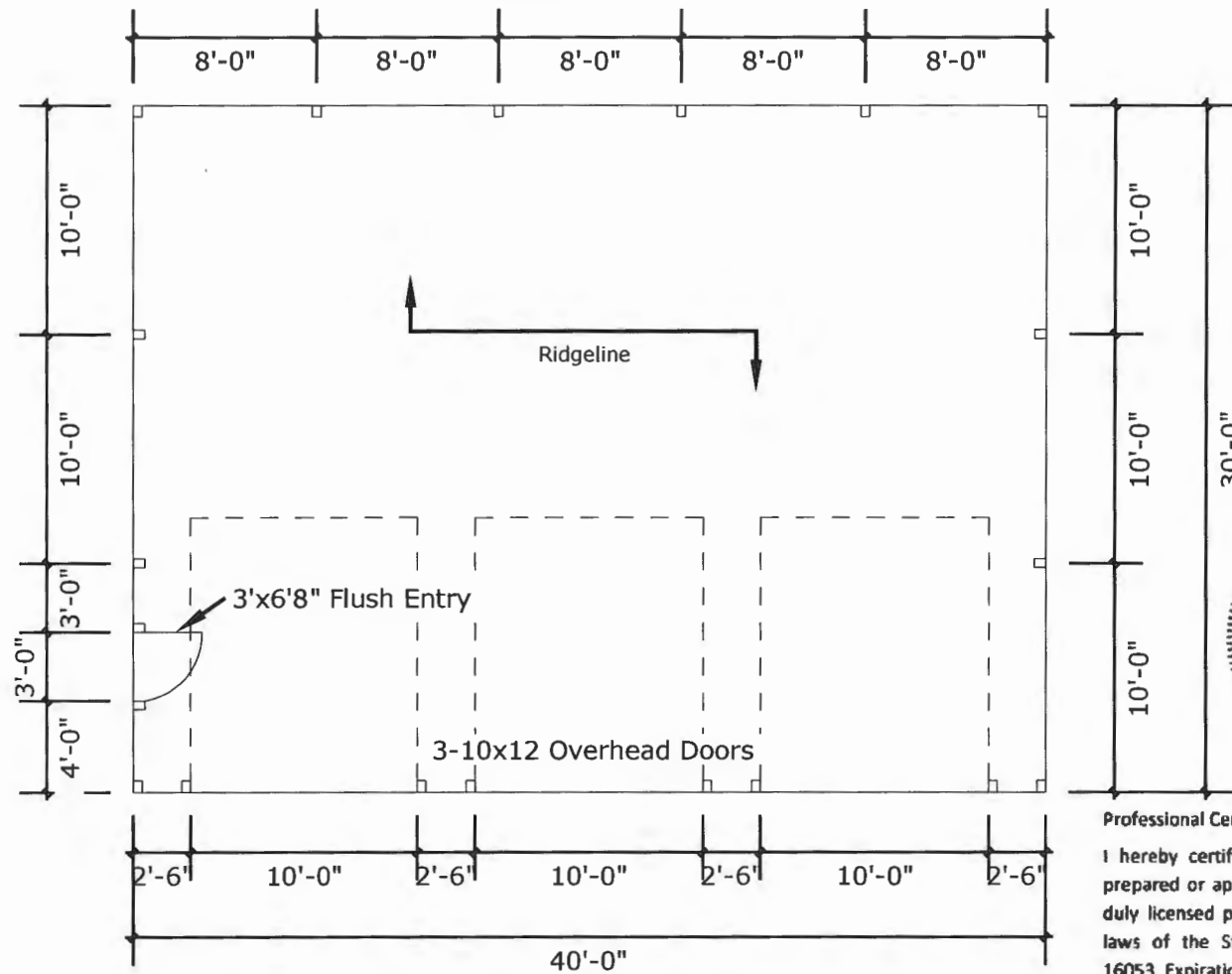
**Phone:** *301-252-5862*

**Contact:**  
*Ivan Smucker*  
**800-331-1875 Ext. 100**  
**Email:**  
*Ivan@fettervillesales.com*

**Fetterville Sales**  
**245 Fetterville Rd.**  
**East Earl, PA, 17519**  
**800-331-1875**

**CONFIRM FINISH FLOOR  
HEIGHT WITH CUSTOMER**

**Floor Plan**  
Personal use, 1,200 sq. ft.



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**Scale: 1/8" = 1'**

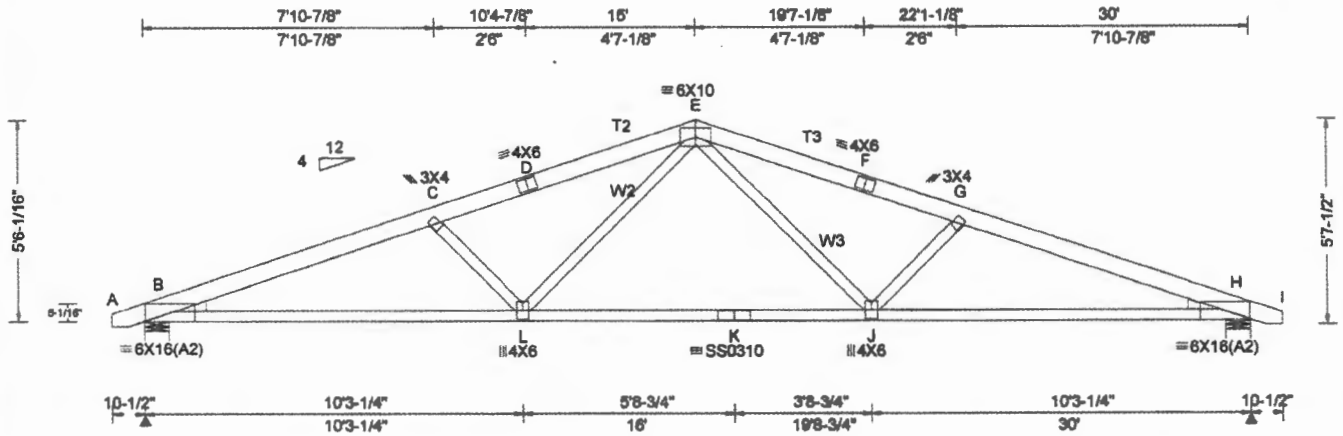
**Post Layout / Header Height is 13' 11" from Top of Skirt Board to Top of Header**



**Client Name:** *Shane Griffith*  
**Address:** *12054 Hall Shop Rd  
Clarksville, MD, 21029*  
**Phone:** *301-252-5862*

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**800-331-1875 Ext. 100**  
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<b>Loading Criteria (psf)</b> TCLL: 40.00 TCCL: 5.00 BCCL: 0.00 BCDL: 5.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.15 Spacing: 48.0"	<b>Wind Criteria</b> Wind Std: ASCE 7-05 Speed: 90 mph Enclosure: Closed Category: I EXP: C Mean Height: 15.00 ft TCCL: 3.0 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any I: 0.87 GCpi: 0.18 Wind Duration: 1.80	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: 40.0 Ct: 1.2 CAT: I Pf: 26.9 Ce: 1.0 Lu: - Ca: not used Snow Duration: 1.15  <b>Code / Misc Criteria</b> Bldg Code: IBC 2009 TPI Std: 2007 Rep Factors Used: No FT/RT/PT: 2(0)/2(2)/2(0) Plate Type(s): WAVE, 18SS	<b>Def/CSI Criteria</b> PP Deflection in loc L/defl L# VERT(LL): 0.435 E 819 240 VERT(TL): 0.655 E 544 180 HORZ(LL): 0.169 J - - HORZ(TL): 0.254 J - - Creep Factor: 2.0 Max TC CSI: 0.892 Max BC CSI: 0.999 Max Web CSI: 0.437  VIEW Ver: 16.02.01D.0314.13	<b>Maximum Reactions (lbs)</b> Loc R / U / Rw / Rh / RL / W B 3182 / 389 / 513 / - / 172 / 8.0 H 3182 / 389 / 513 / - / - / 8.0 Wind reactions based on MWFRS B Min Brg Width Req = 4.0 H Min Brg Width Req = 4.0 Bearings B & H are a rigid surface.  Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. B - C 1857 - 6943 E - F 1692 - 5870 C - D 1673 - 6017 F - G 1674 - 6017 D - E 1692 - 5870 G - H 1857 - 6944
---	--	--	---	---

**Lumber**  
 Value Set: 13B (Effective 6/1/2013)  
 Top chord 2x6 SP SS Dense :T2, T3 2x6 SP #1:  
 Bot chord 2x4 SPF 2100f-1.8E  
 Webs 2x4 SPF Stud :W2, W3 2x4 SPF #1/#2:  
 :Lt Wedge 2x4 SPF Stud::Rt Wedge 2x4 SPF Stud:  
 Lumber value set "13B" rets design values approved 1/30/2013 by ALSC

**Purlins**  
 In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:  
 Chord Spacing(in oc) Start(ft) End(ft)  
 TC 24 -0.88 30.88  
 BC 102 0.15 29.85  
 Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Loading**  
 Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-09 section 1607.  
 Truss designed for unbalanced snow loads.

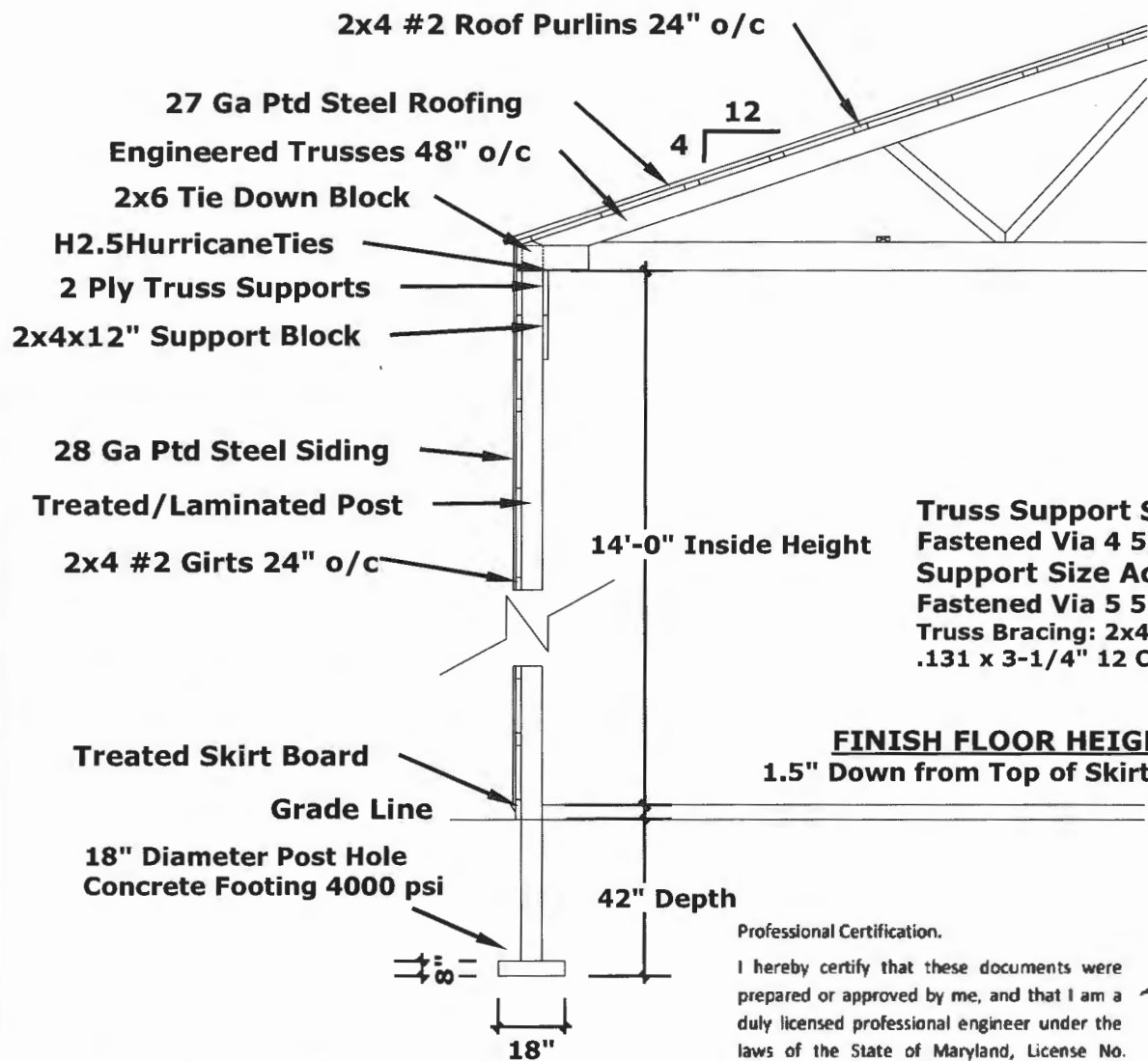
**Wind**  
 Wind loads based on MWFRS with additional C&C member design.



10/16/2017

**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
**\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**  
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.  
 Alpine, a division of ITW Building Components Group Inc, shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.  
 For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinet.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

13723 Riverport Drive  
 Suite 200  
 Maryland Heights, MO 63043



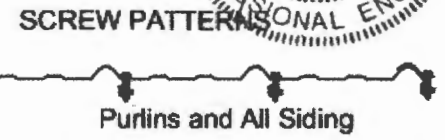
**DOOR PLACEMENTS:**  
 Entry Door sets 1-1/2" Down  
 from top of Skirt Board  
 Garage Door sets 2" Down

**Truss Support Size: 2-Ply 2x10 #2 SYP**  
 Fastened Via 4 5/16"x 4" GRK's Per Connection  
**Support Size Across Eave Wall Door: 2-Ply 2x12 #1 SYP**  
 Fastened Via 5 5/16"x 4" GRK's Per Connection  
**Truss Bracing: 2x4 Diagonal, B/C Laterals, Web Bracing Per Print**  
 .131 x 3-1/4" 12 Coil Nails for All 2x4 & 2x6 Girts, Purlins, Fascia

**FINISH FLOOR HEIGHT:**  
 1.5" Down from Top of Skirt Board



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No Scale

Typical Section View



**Client Name:** Shane Griffith  
**Address:** 12054 Hall Shop Rd  
 Clarksville, MD, 21029  
**Phone:** 301-252-5862

**Contact:**  
 Ivan Smucker  
 800-331-1875 Ext. 100  
 Email:  
 Ivan@fettervillesales.com

**Fetterville Sales**  
 245 Fetterville Rd.  
 East Earl, PA, 17519  
 800-331-1875



5'-6"

14'-0"

**Front**



40'-0"



**Rear**

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**Elevation View**

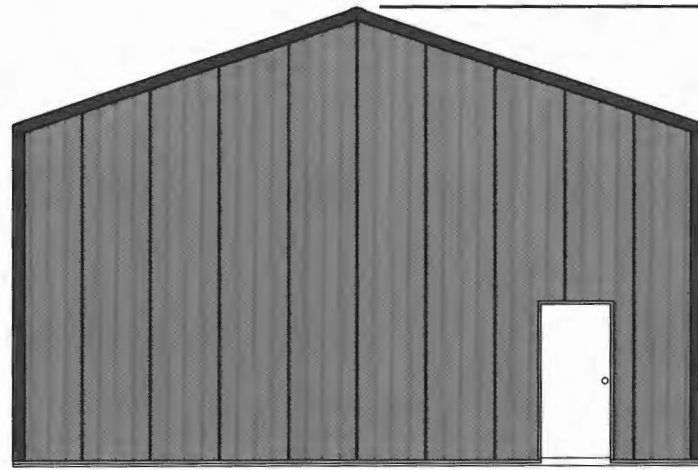
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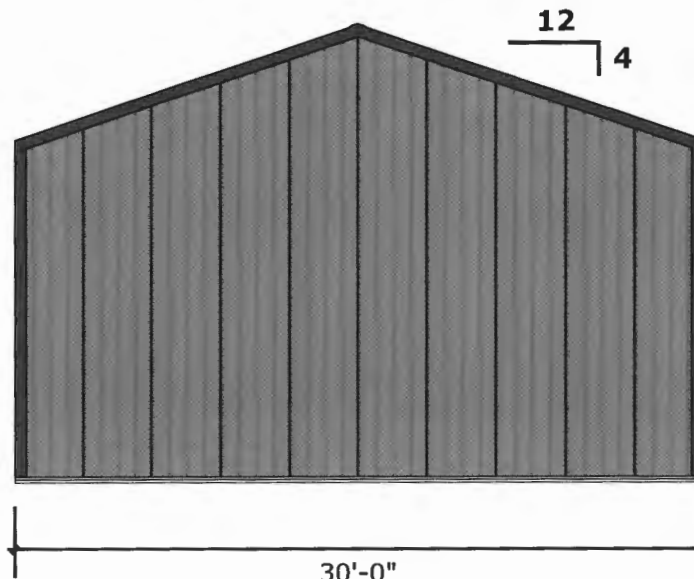
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Left



Right



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Elevation View



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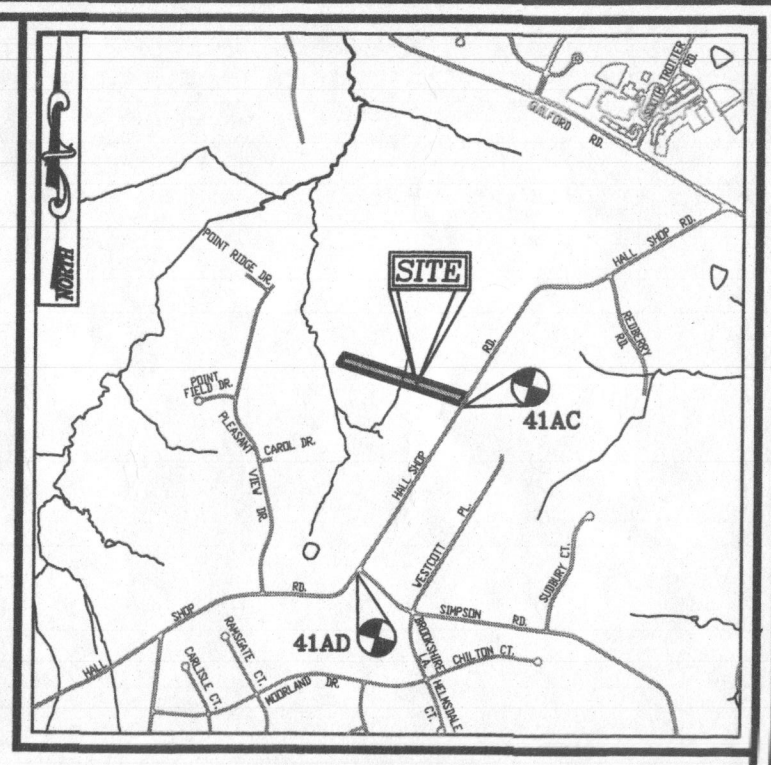
**LEGEND:**

	PROPERTY LINE		EXISTING WOOD FENCE
	RIGHT OF WAY LINE		EXISTING 10' CONTOUR
	ADJACENT PROPERTY LINE		EXISTING 2' CONTOUR
	EXISTING EDGE OF PAVING		SOILS
	EXISTING UTILITY POLE		PROPOSED PERC. TEST
	EXISTING WELL		PASSED PERC. TEST
	EXISTING TREE LINE		FAILED PERC. TEST

**BENCHMARKS**

HOWARD COUNTY BENCHMARK 41AC (CONC. MON.)  
 N 551969.54 E 1331695.36 ELEV. 488.42  
 HALL SHOP ROAD

HOWARD COUNTY BENCHMARK 41AD (CONC. MON.)  
 N 550232.06 E 1330624.23 ELEV. 494.87  
 CORNER HALL SHOP ROAD AND SIMPSON ROAD



TYLER TOWING, INC.  
 TM: 41 PARCEL: 491  
 L. 5206 / F. 156  
 0.60 AC.  
 USE: RESIDENTIAL  
 ZONED: RR-DEO

TM: 41 PARCEL: 258  
 L. 310 / F. 596  
 3.72 AC.

ELLIS L. WISE  
 MARGIE A. WISE  
 TM: 41 PARCEL: 255  
 L. 3739 / F. 104  
 4.19 AC.  
 USE: RESIDENTIAL  
 ZONED: RR-DEO

ELLIS L. WISE  
 ALLEN C. WISE  
 TM: 41 PARCEL: 256  
 L. 2297 / F. 500  
 1.00 AC.  
 USE: RESIDENTIAL  
 ZONED: RR-DEO

JASON HENDRIX  
 TM: 41 PARCEL: 130  
 L. 13802 / F. 100  
 1.00 AC.  
 USE: RESIDENTIAL  
 ZONED: RR-DEO

MICHAEL E. BOOSALIS  
 CAROLINE BOOSALIS  
 TM: 41 PARCEL: 254  
 L. 11653 / F. 284  
 1.25 AC.  
 USE: RESIDENTIAL  
 ZONED: RR-DEO

SANJEEV OSURI  
 PAMELA OSURI  
 TM: 41 PARCEL: 188  
 HALL SHOP MANOR  
 L. 13890 / F. 73  
 PLAT: 16675

HUGH SCHREENGOST  
 KIMBERLY A. SCHREENGOST  
 TM: 41 PARCEL: 188  
 HALL SHOP MANOR  
 L. 8993 / F. 356  
 PLAT: 16675  
 LOT 5  
 10,003 SF  
 USE: RESIDENTIAL  
 ZONED: RR-DEO

**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
BaA	BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	C/D	.37	NO
GbA	GLADSTONE LOAM, 0 TO 3 PERCENT SLOPES	A	.28	NO
GbB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	A	.28	NO
GbC	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	A	.28	NO
GbD	GLENNVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	.43	YES

SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE  
 -HOWARD COUNTY SOILS MAP NUMBER 23 - CLARKSVILLE SE

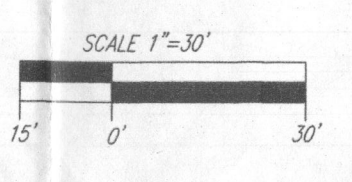
**NOTE:**  
 HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT  
 OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH  
 A SLOPE GREATER THAN 5 PERCENT

**GENERAL NOTES**

1. THIS SUBJECT PROPERTY IS ZONED RR-DEO.
2. PROPERTY OUTLINE SHOWN HEREON IS BASED ON A DEED PLOTTING.
3. DEED REFERENCES: L. 310 / F. 596
4. THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED MARCH, 2015, AND HOWARD COUNTY GIS.
5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
6. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
7. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
8. ADJUSTMENT TO THE SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
9. THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
10. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
11. ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE AND DEFINE AN PRIVATE SEPTIC EASEMENT FOR THE PROPERTY / PROJECT IN ACCORDANCE WITH THE STATE AND COUNTY CODES.

PLAN SCALE  
 SCALE: 1"=30'

\* B19002541  
 Owner: Shane Griffith  
 12054 Hall Shop Rd  
 Clarksville



THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

PERCOLATION CERTIFICATION:  
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS M. HOFFMAN, JR.  
 PROFESSIONAL LAND SURVEYOR No. 267 \_\_\_\_\_ DATE \_\_\_\_\_

NO. \_\_\_\_\_ REVISION \_\_\_\_\_ DATE \_\_\_\_\_

**PERCOLATION TEST PLAN**

**WISE PROPERTY**  
 12054 HALL SHOP ROAD  
 CLARKSVILLE, MD 21029

ZONED: RR-DEO  
 PARCEL: 258  
 HOWARD COUNTY, MARYLAND

5TH ELECTION DISTRICT  
 TAX MAP: 41 GRID: 01

**ROBERT H. VOGEL ENGINEERING, INC.**  
 ENGINEERS • SURVEYORS • PLANNERS  
 8407 MAIN STREET  
 ELLICOTT CITY, MD 21043 TEL: 410.461.7866  
 FAX: 410.461.8961

DESIGN BY: \_\_\_\_\_ RHV  
 DRAWN BY: \_\_\_\_\_ JMR  
 CHECKED BY: \_\_\_\_\_ RHV  
 DATE: \_\_\_\_\_ AUGUST 2015  
 SCALE: 1"=30'  
 W.O. NO.: \_\_\_\_\_ 14-65

PROFESSIONAL CERTIFICATE  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16193, EXPIRATION DATE: 06-27-2016

1 SHEET OF 1

ROBERT H. VOGEL, PE No.16193