



# Building Permit Application

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

Date Received: 7/11/19

Permit No.: B19002250

Building Address: 7409 Oak Crest Lane  
 City: Clarksville State: MD Zip Code: 21029  
 Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Subdivision: \_\_\_\_\_  
 Lot: 30 Tax Map: \_\_\_\_\_ Parcel: \_\_\_\_\_

Property Owner's Name: Cynthia Dzubak  
 Address: 7409 Oak Crest Lane  
 City: Clarksville State: MD Zip Code: 21029  
 Phone: 301 362-1402 Fax: \_\_\_\_\_  
 Email: Nazubak e

Existing Use: Propane tank  
 Proposed Use: Propane tank  
 Estimated Construction Cost: \$ 2500.00

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

Description of Work:  
Moving propane tank 10'-1000 UG TANK. Customer is having a garage built where tank is currently located

Contractor Company: AmeriGAS  
 Contact Person: Mike Larrimore  
 Address: 8101 Dorsey Run Road  
 City: Jessup State: MD Zip Code: 20794  
 License No.: 55321  
 Phone: 410-465-0800 Fax: \_\_\_\_\_  
 Email: Michael.Larrimore@Amerigas.com

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

Engineer/Architect Company: \_\_\_\_\_  
 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:	1 <sup>st</sup> floor:	
	2 <sup>nd</sup> 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 type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" 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: \_\_\_\_\_  
 Michael Larrimore @ Amerigas.com  
 Email Address  
 District Manager Amerigas  
 Title/Company

Print Name: Michael Larrimore  
 Date: 7/11/2019

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>7/19/2019</u>	<u>[Signature]</u>

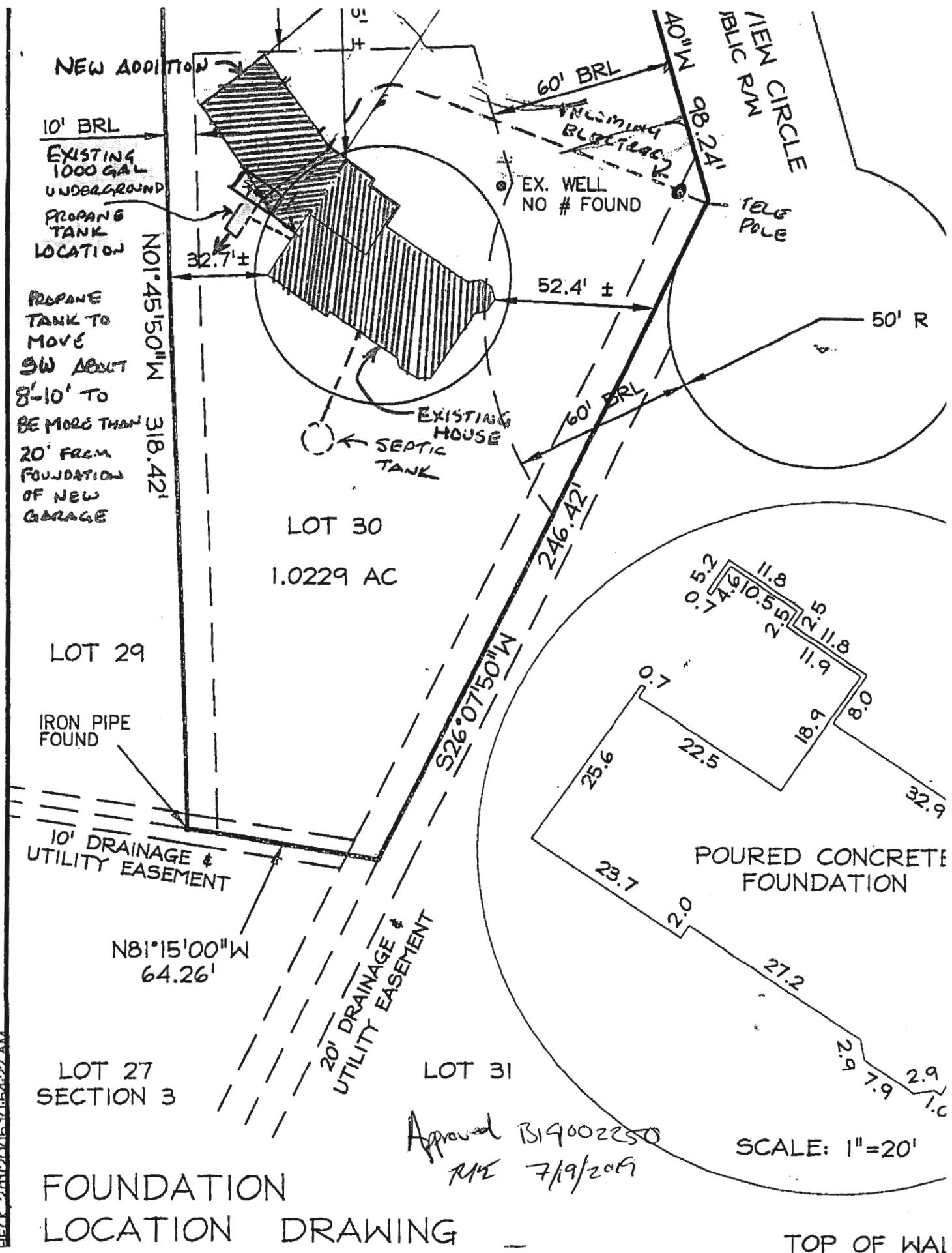
Is Sediment Control approval required for issuance?  Yes  No  
 CONTINGENCY CONSTRUCTION START

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	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	#

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold:SHA

RECEIVED  
 JUL 11 2019  
 110 - pe.c  
 Access



HECK 2/11/2005 10:54:22 AM



Building Address: 7409 CARRIST LANE  
City: CLARKSVILLE State: MD Zip Code: 21029  
Suite/Apt. #: \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
Subdivision: \_\_\_\_\_  
Lot: 30 Tax Map: \_\_\_\_\_ Parcel: \_\_\_\_\_

Existing Use: SFH w/ 2 CAR GARAGE  
Proposed Use: SFH w/ 2 CAR GARAGE + DRIVEWAY  
Estimated Construction Cost: \$ 150,000.00  
Description of Work: ADD ON 40'x24' GARAGE w/ DRIVWAY  
RELOCATE DRIVE TO MAKE 4' COVERED  
EXISTING GARAGE TO USE AS SPACE  
CONCRETE DRIVE

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

Property Owner's Name: NICHOLAS DEHAIK  
Address: 7409 CARRIST LANE  
City: CLARKSVILLE State: MD Zip Code: 21029  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Applicant's Name & Mailing Address, (if other than stated herein)  
Applicant's Name: MARK ROMAN CONSTRUCTION  
Address: PO BOX 783  
City: FALLS CHURCH State: VA Zip Code: 22034  
Phone: 703-776-1136 Fax: \_\_\_\_\_  
Email: MARK@MARKCONSTRUCTION.COM

Contractor Company: MARK ROMAN CONSTRUCTION  
Contact Person: MARK ROMAN  
Address: PO BOX 783  
City: FALLS CHURCH State: VA Zip Code: 22034  
License No.: 39363  
Phone: 703-776-1136 Fax: \_\_\_\_\_  
Email: MARK@MARKCONSTRUCTION.COM

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

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No. of stories:	<b>Depth</b> <b>Width</b>	
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	2 <sup>nd</sup> floor:	
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	<input type="checkbox"/> Manufactured Home	

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Gas:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Supply	
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<input checked="" 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 checked="" type="checkbox"/> Propane Gas
Other:	
Sprinkler System:	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Grading Permit Number:	
Building Shell Permit Number:	

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Applicant's Signature: [Signature]  
Print Name: Mark Roman  
Date: 12/2/19  
Title/Company: Mark Roman Construction, Inc.

Print Name: \_\_\_\_\_  
Date: \_\_\_\_\_

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>12/2/19</u>	<u>[Signature]</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>25.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>1279</u>



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

Date: 11/14/19  
 To: DAN SWINDER / HEALTH DEPT  
 (Person's Name and Division)  
 From: MARK REDMAN MARK CONSTRUCTION 301 776-1136 x2  
 (Your Name, Company Name and Telephone Number)  
 Subject: Project name DZUBAK GARAGE  
 Project site address 7409 OAKCREST LANE  
 Permit # B18003778 SDP # \_\_\_\_\_  
 Other information pertinent to this project TWO PAGES OF PLANS REPLACING IN ORIGINAL PLANS

**RECEIVED**  
 NOV 15 2019  
 PLAN REVIEW DIVISION

- ✓ Please check the attachments below that you are submitting with this transmittal: GARAGE CONVERSION REMOVED FROM PROJECT
- 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 REVISED FLOOR PLANS (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 \_\_\_\_\_

**Contact Person Information: (Required)**

Mark Redman  
 Please Print Name Telephone No: 301-776-1136 x2  
 E-Mail Address: mark@mauckconstruction.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 by AKH PER HEALTH  
 (GARAGE CONVERSION REMOVED FROM SCOPE OF WORK)

## Freemon, Robert

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**From:** Freemon, Robert  
**Sent:** Tuesday, June 11, 2019 2:38 PM  
**To:** Mark Redman  
**Subject:** RE: Oakcrest Lane

Mark,

There is a potential for the building permit to be approved with the renovation of the existing garage taken off the table. Area within 100' of the well cannot be used for sewage disposal. The detached garage appears to be within this 100' well arch. It is not a guarantee a waiver to the Perc Cert will be approved however you may certainly ask for one. The letter would need to be addressed to Mike Davis (Deputy Director) and have the address of the property in question. The homeowners would need to explain why they are asking for the waiver and have their signatures on it. This letter can be scanned and emailed directly to me.

If there are stages to this project please make sure to describe them in the letter. Of course if you have any questions let me know.

**Robert "Spencer" Freemon**  
**Howard County Health Department**  
**8930 Stanford Blvd. Columbia, MD 21045**  
**Bureau of Environmental Health**  
**Well and Septic Program**  
**Phone: 410-313-6357**  
**Email: [rfreemon@howardcountymd.gov](mailto:rfreemon@howardcountymd.gov)**  
**Website: <https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>**

---

**From:** Mark Redman <mark@mauckconstruction.com>  
**Sent:** Wednesday, June 05, 2019 7:09 AM  
**To:** Freemon, Robert <rfreemon@howardcountymd.gov>  
**Subject:** Oakcrest Lane

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

Robert,

While everything is getting sorted on the septic for Oakcrest Lane, would the permit pass if I removed the renovation to the existing garage? My thought is we could get the garage built (which was the first phase) at the same time we are getting a new septic plan approved and installed. Once that is done, we would be able to file a new permit (or amend the one in place) to add the garage renovation work back in.

Let me know.

Thank you,

Mark

Mark Redman  
Mauck Construction & Renovations



## 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

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

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### MEMORANDUM

TO: Cynthia & Nicholas Dzubak  
7409 Oakcrest Lane  
Clarksville, MD 21029

FROM: Robert Freemon *RF*  
Well & Septic Program

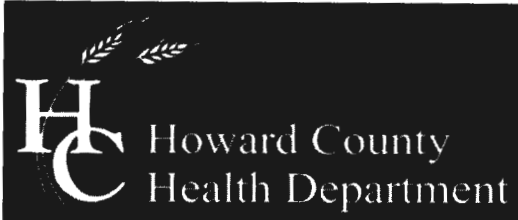
RE: 7409 Oakcrest Lane  
Clarksville, MD 21029  
**"Before BP Approval"**

DATE: 5/20/2019

---

After looking at the drainage swale near the walk out in the backyard it has been determined that trenches may be laid out in this area. The depth of the swale should not affect the drainage of waste water. The swale however must be filled in to its original grade to keep stormwater from funneling on to the sewage disposal area (SDA) and saturating the soil. Due to the necessity for a drainage way a retaining wall may be possible for supporting both the restored grade and drainage away from the walkout. Both a stormwater inlet and retaining wall have setbacks of 25ft to a sewage disposal area. The design of the retaining wall and the stormwater management device will need to be shown on the Perc Cert Plan.

*Proposed 5/23 Council use existing  
Drywells*



## 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

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

---

### MEMORANDUM

TO: Nicholas Dzubak  
7409 Oakcrest Lane  
Clarksville, MD 21029

FROM: Robert Freemon *RIF*  
Well & Septic Program

RE: 7409 Oakcrest Lane  
Clarksville, MD 21029  
*"Before BP Approval"*

DATE: 12/3/2018

---

After review of 7409 Oakcrest Lane in conjunction with the proposed building permit (B18003778) here are my comments. The proposed addition significantly increases both the house footprint and the amount of conditioned living space. With this you are required to have a Percolation Certification Plan (perc cert) signed by the Health Dept. designating a sewage disposal area on the property. In addition the existing septic system will need to be evaluated to confirm its condition and adequacy for the proposed house.

According to Health Dept. records this property does not have a signed perc cert plan however sufficient data from a prior perc test is available. Due to this perc testing will not be required at this time. A septic/civil engineer will need to be hired to create the perc cert plan. The Health Dept. recommends hiring an engineer to create the plan due to the information required on them. Based on the perc results, condition of the existing system and total number of bedrooms the engineer will finalize the Perc Cert Plan by showing a suitable sewage disposal area able to fit 2 to 3 systems. This Perc Cert Plan will then need to be submitted to the Health Dept. for approval.

Prior to finalizing the perc cert plan the existing septic system will need to be evaluated to confirm its condition and adequacy for the proposed house. A septic contractor or a friend with a back hoe will need to uncover the existing system for inspection. Depending on the condition and size of the system a septic system upgrade may or may not be required. Before building permit B18003778 can be approved a perc cert signed by the Health Dept. and a septic system evaluation must occur.

## **Freemon, Robert**

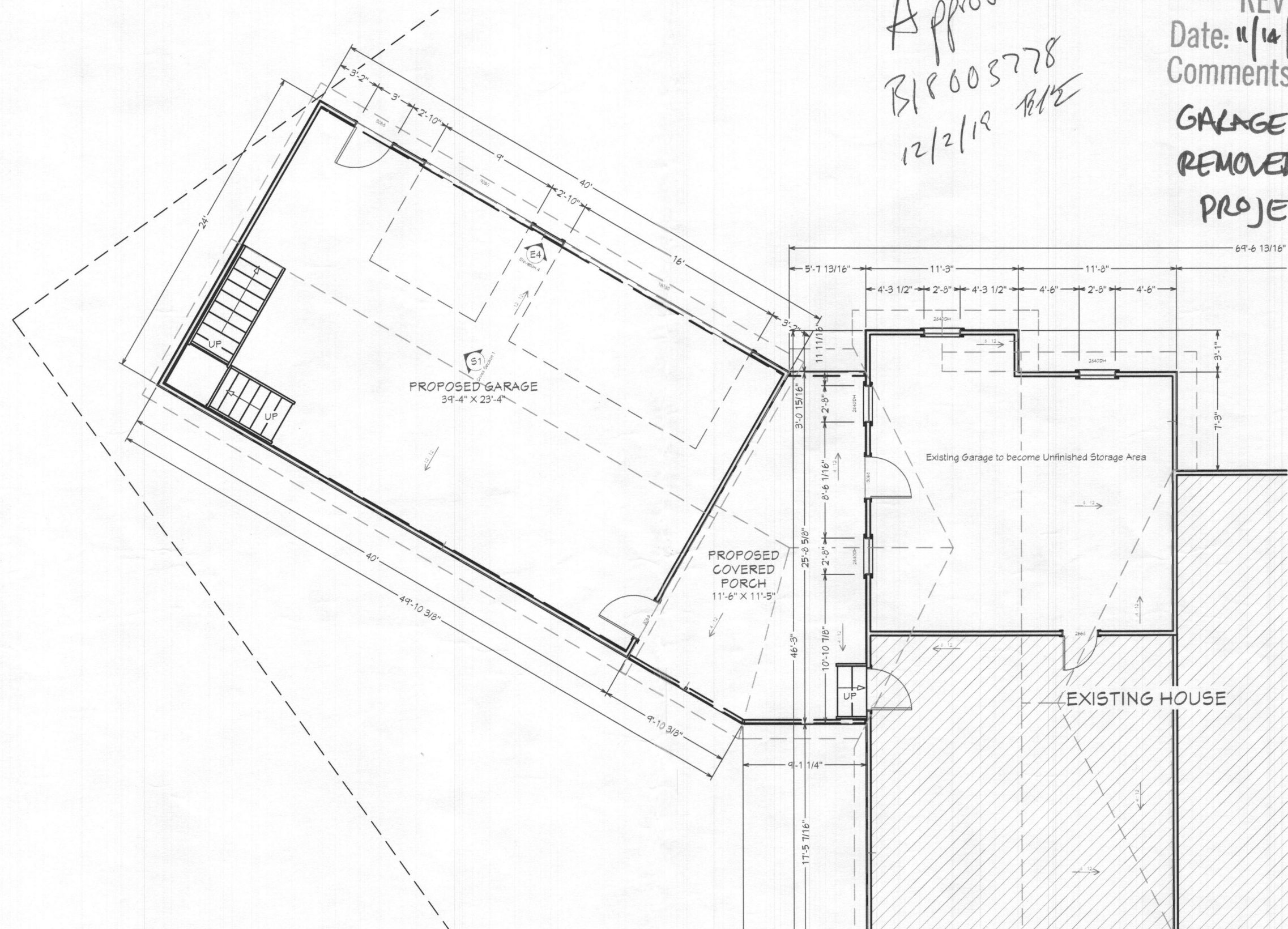
---

**From:** Freemon, Robert  
**Sent:** Monday, December 03, 2018 2:53 PM  
**To:** 'MARK@MAUCKCONSTRUCTION.COM'  
**Subject:** 7409 Oakcrest Lane  
**Attachments:** 7409 Oakcrest Lane.pdf; HCHD BP Process.pdf; ENGINEERS Surveyors REV 6-28-02.pdf; SEPTIC CONTRACTORS\_updated 8-14-18.pdf; Perc-Site Plan REQ.PDF; Weil & Septic SETBACKS.PDF; Additional Setbacks.pdf; SWM Setbacks.pdf; Geothermal Well Setbacks.pdf; Floor Plan Memo.pdf; Septic Savers 410-313-0700.pdf  
*Sept Records in Separate Email*

Hi,

I have reviewed the building permit B18003778 for 7409 Oakcrest Lane and attached are my comments. I have also attached supplemental information regarding the building permit process and Health Dept. requirements. In addition to what is stated in the memo I also need full house floor plans of the existing house (all levels). These do not need to be professionally done. They can be hand drawn as long as everything mentioned in the floor plan memo (attached above) is shown. These can be sent to me via email. I understand some of this may be overwhelming so if you would like to set up an appointment to meet and go over everything I would be happy to do that for you. Let me know if you have any questions.


**Robert "Spencer" Freemon**  
**Howard County Health Department**  
**8930 Stanford Blvd. Columbia, MD 21045**  
**Bureau of Environmental Health**  
**Well and Septic Program**  
**Phone: 410-313-6357**  
**Email: [rfreemon@howardcountymd.gov](mailto:rfreemon@howardcountymd.gov)**  
**Website: <https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>**

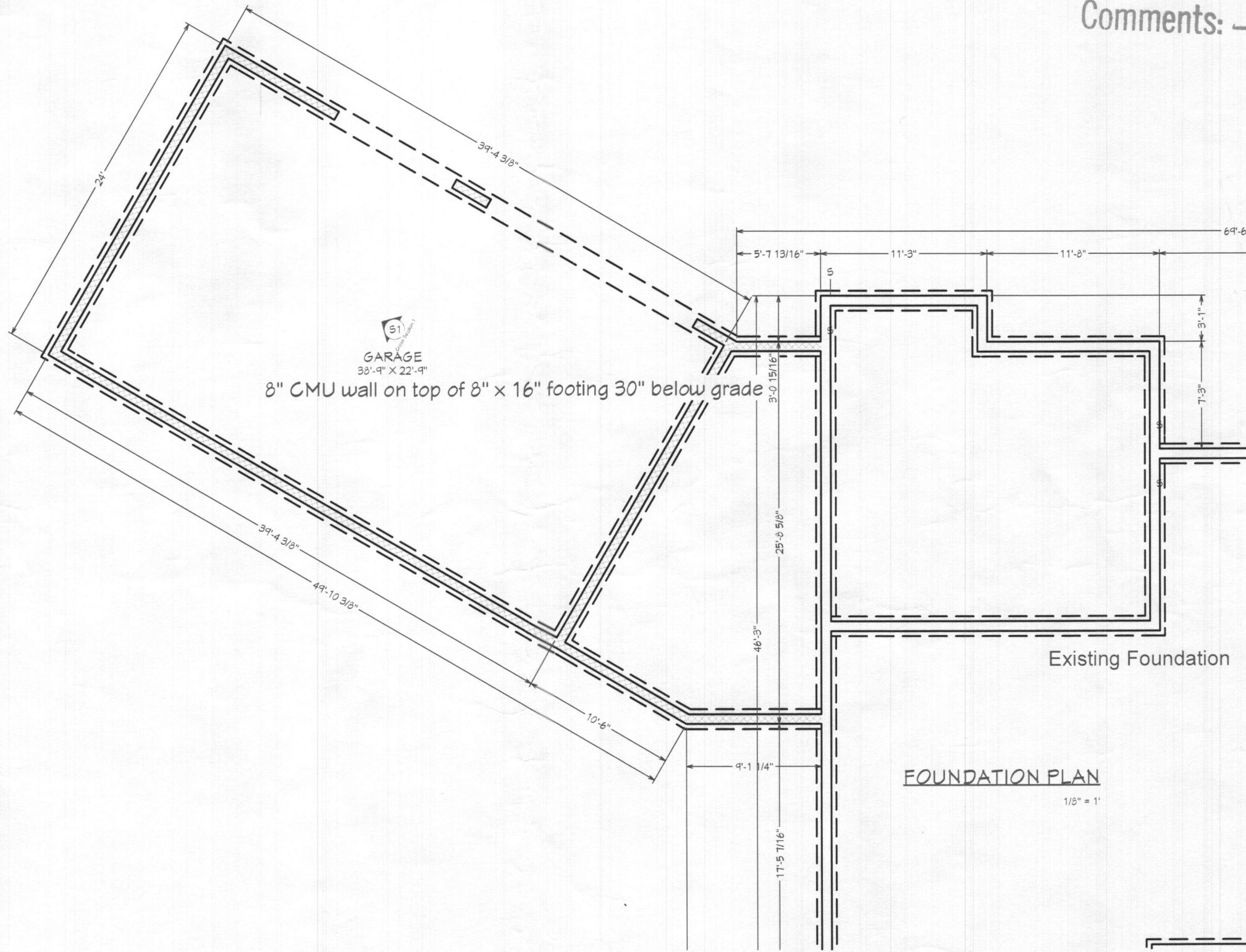


Approved  
 B18003778  
 12/2/18 B/E

REVISED  
 Date: 11/14/19  
 Comments: B18003778  
 GARAGE CONVERSION  
 REMOVED FROM  
 PROJECT

FLOOR PLAN  
 1/8" = 1'

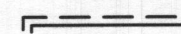
SHEET NUMBER	1	REVISION #
FLOOR PLAN		
DATE: October 18, 2018 SCALE:		
Dzubak Garage & Garage Conversion 7409 Oakcrest Lane Clarksville, MD 21029		
 MAUCK CONSTRUCTION & RENOVATIONS PO Box 383 Fullon, MD 20759 301-776-1136 www.mauckbuild.com © 2018		



REVISED  
 Date: \_\_\_\_\_  
 Comments: \_\_\_\_\_

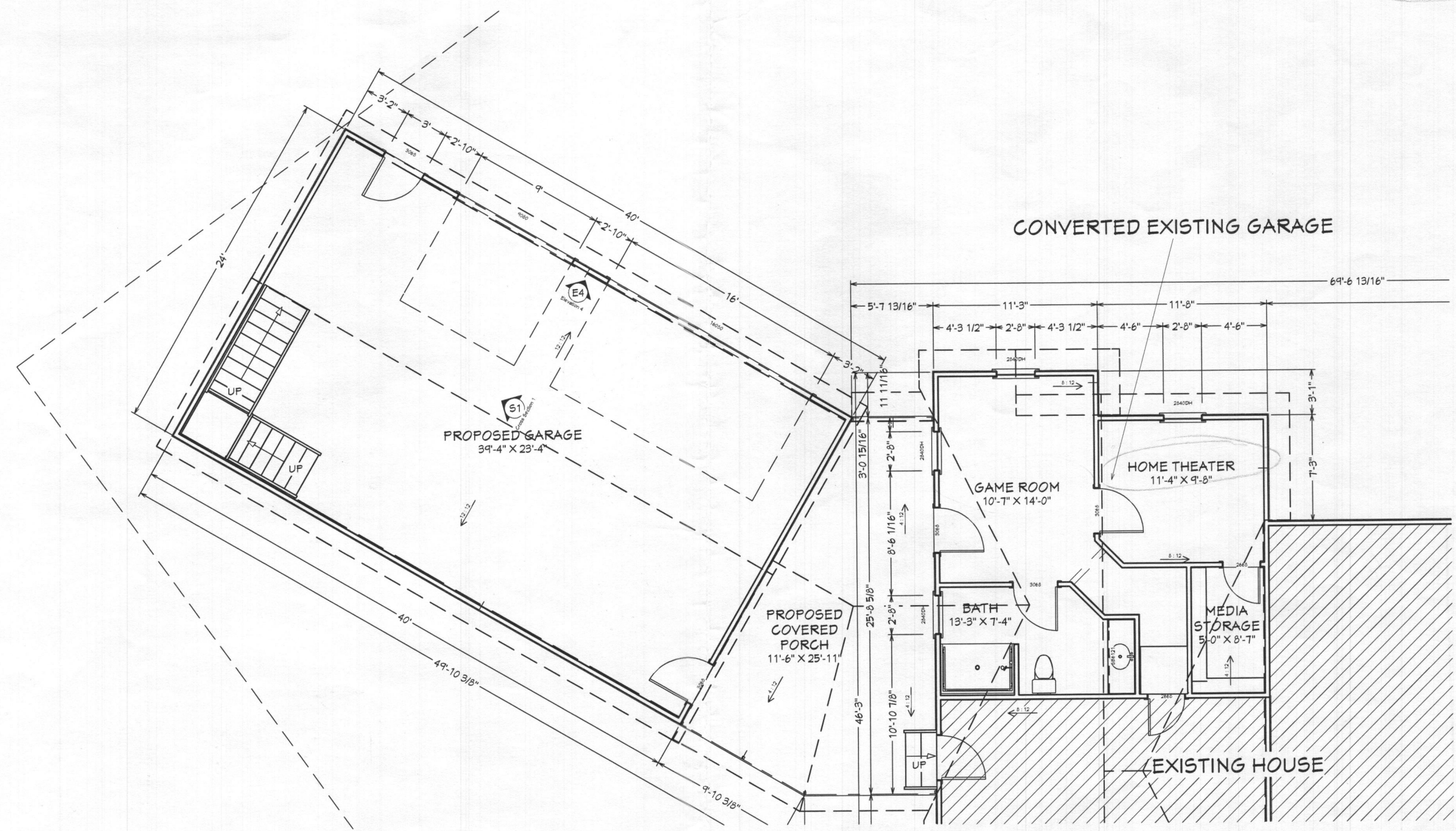
**FOUNDATION PLAN**

1/8" = 1'



1 New BR  
 22.6 x 22 = 497.2 sq ft  
 Living space

E2



**FLOOR PLAN**  
 1/8" = 1'

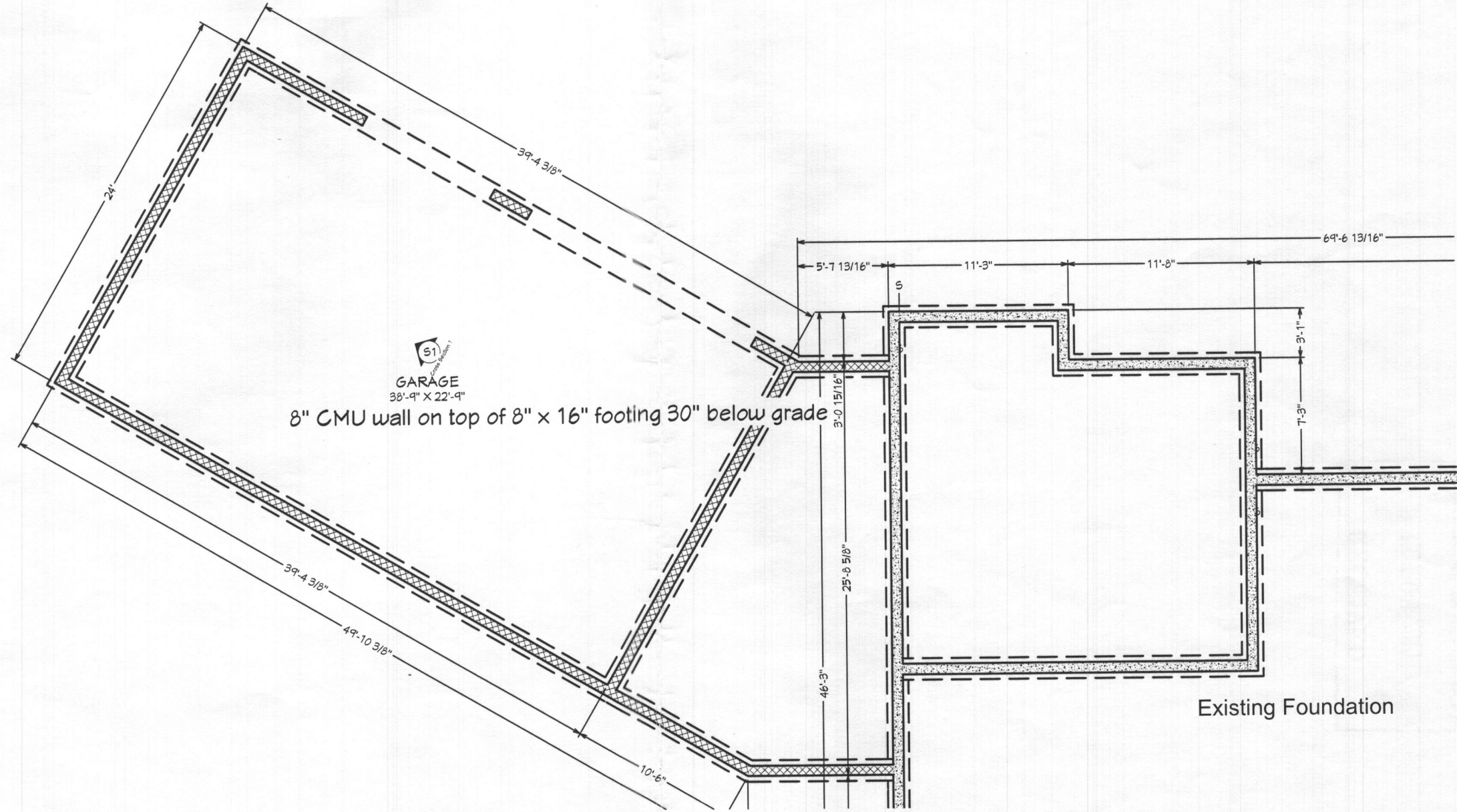
SHEET NUMBER  
**1**  
 REVISION #:


**FLOOR PLAN**

DATE: October 18, 2018 SCALE:

Dzubak Garage & Garage Conversion  
 7409 Oakcrest Lane Clarksville, MD 21029

**MAUCK** CONSTRUCTION & RENOVATIONS  
 PO Box 383 Fulton, MD 20759 301-776-1136 www.mauckbuild.com © 2018




**GARAGE**  
 38'-9" X 22'-9"  
 8" CMU wall on top of 8" x 16" footing 30" below grade

Existing Foundation

**FOUNDATION PLAN**  
1/8" = 1'

Dzubak Garage & Garage Conversion  
 7409 Oakcrest Lane Clarksville, MD 21029

**FOUNDATION PLAN**

SHEET NUMBER

**2**

REVISION #:

DATE: October 18, 2018 SCALE:



E1 FRONT ELEVATION

1/8" = 1'

E2 SIDE ELEVATION

1/8" = 1'



SHEET NUMBER

3

REVISION #:

ELEVATIONS

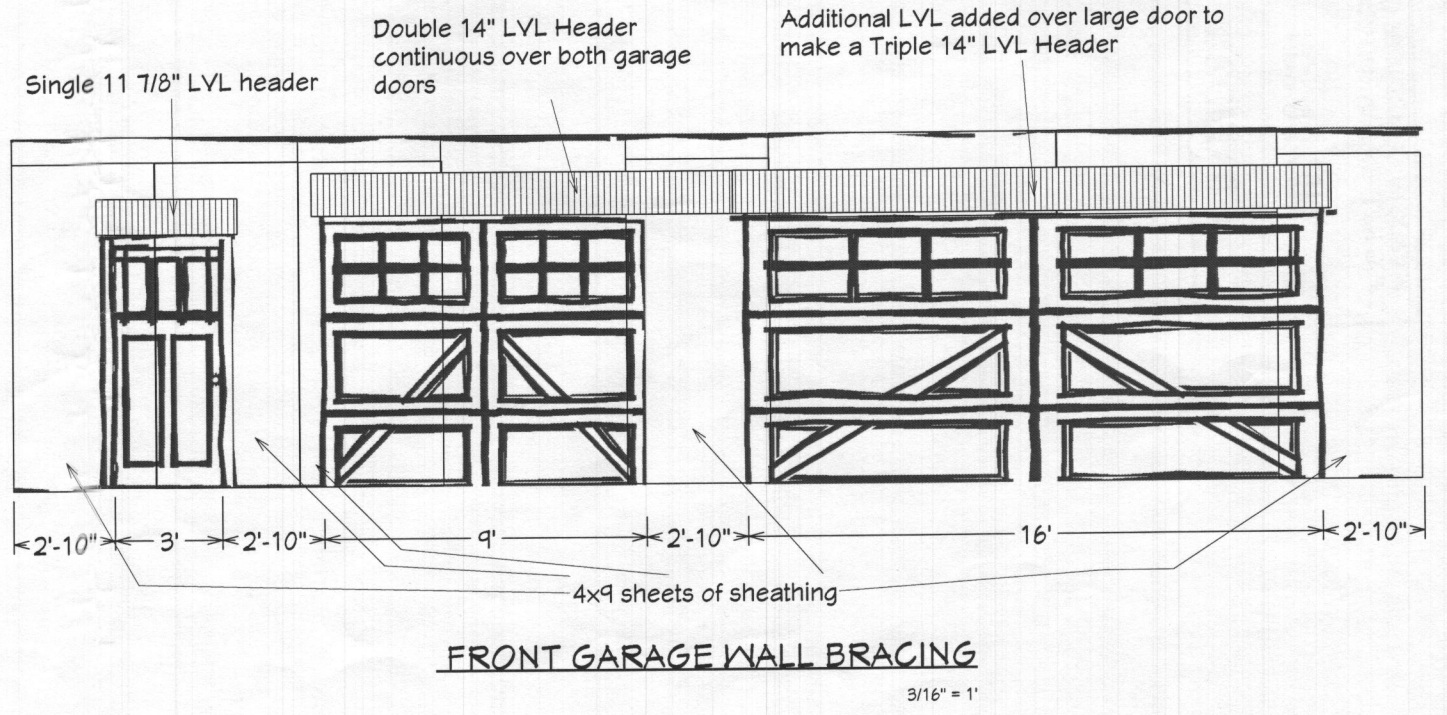
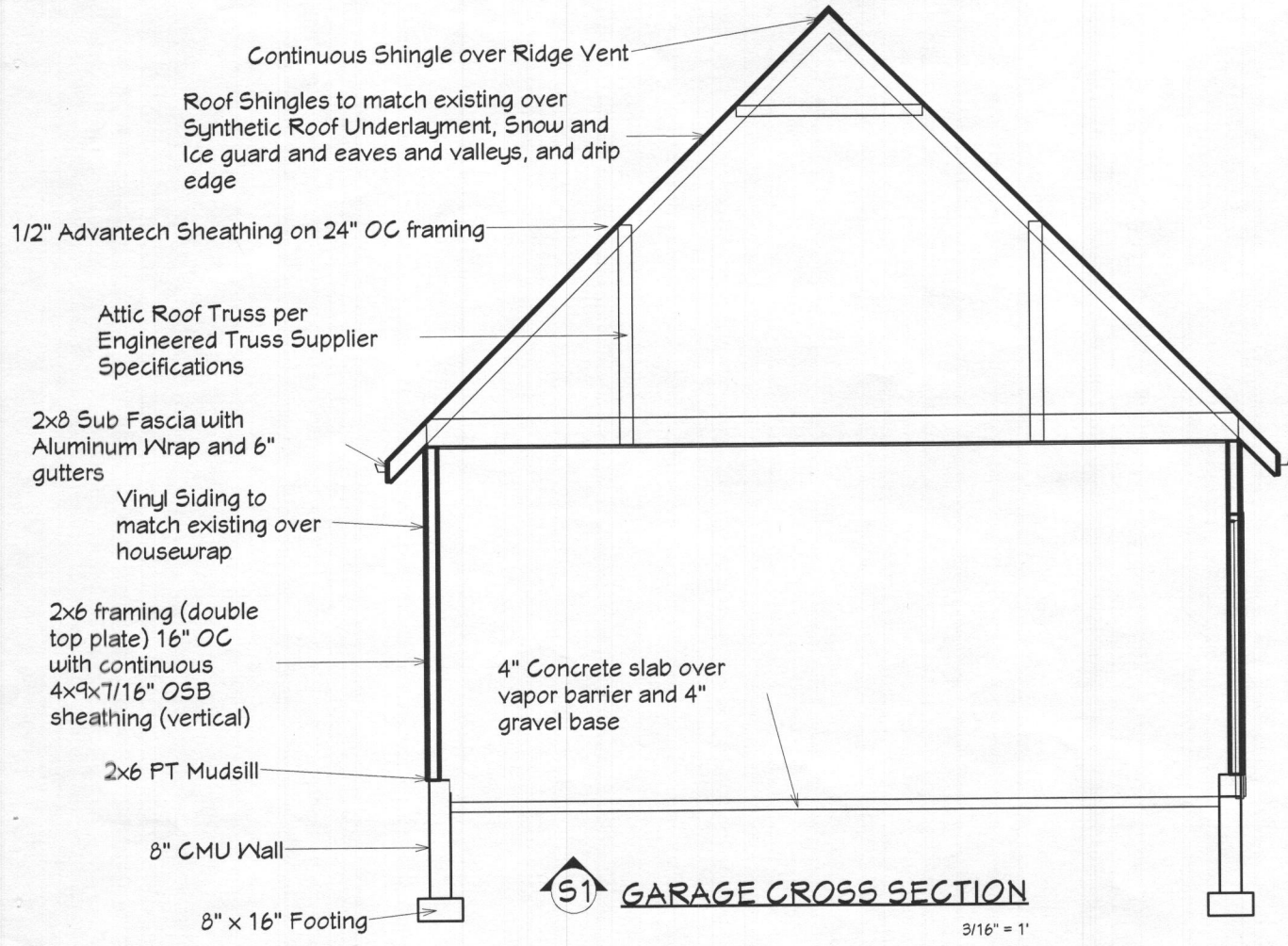
DATE: October 18, 2018 SCALE:

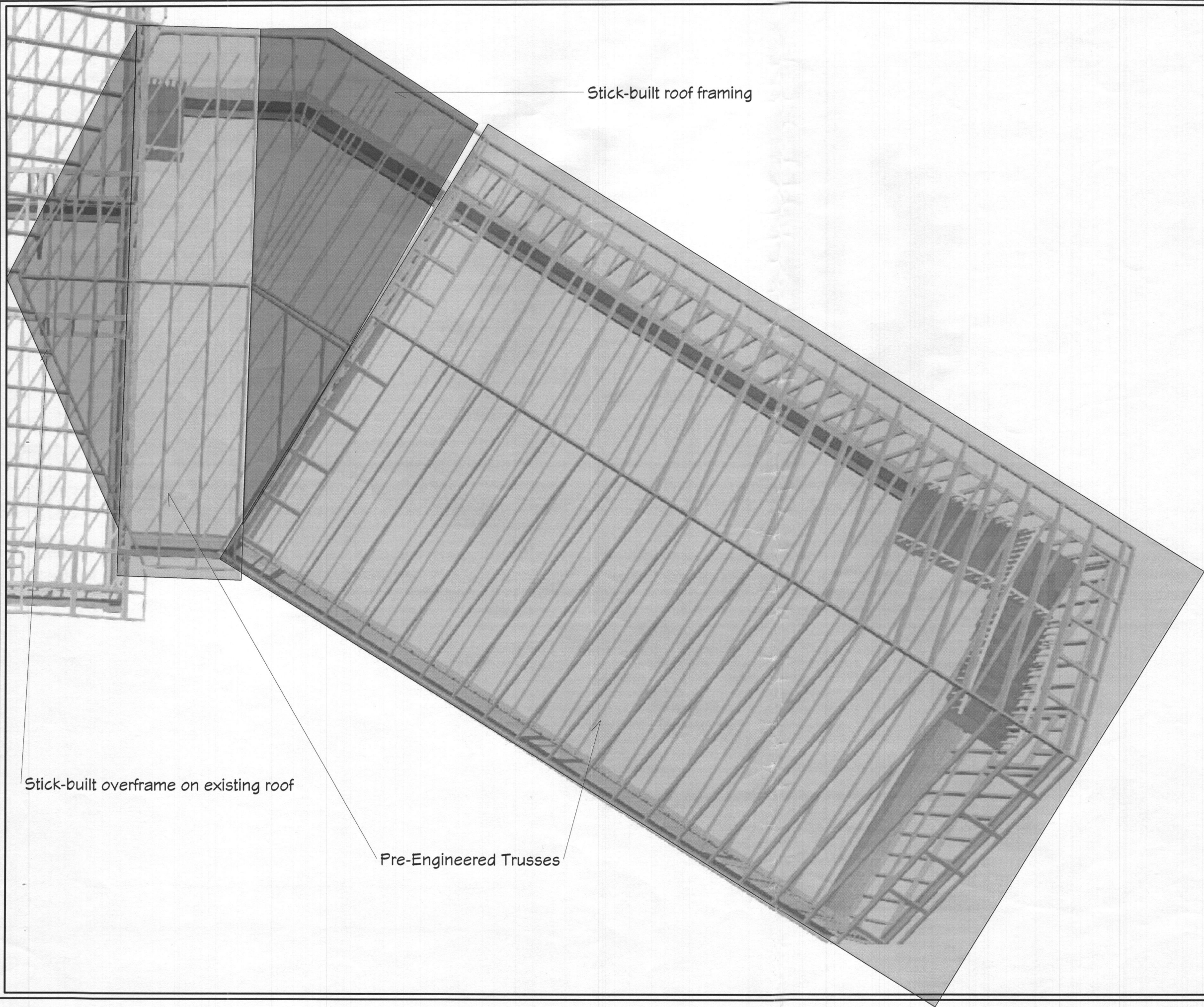
Dzubak Garage & Garage Conversion  
7409 Oakcrest Lane Clarksville, MD 21029

**MAUCK** CONSTRUCTION  
& RENOVATIONS

PO Box 383 Fulton, MD 20759 301-776-1136 www.mauckbuild.com © 2018

**E3 REAR ELEVATION**  
1/8" = 1'

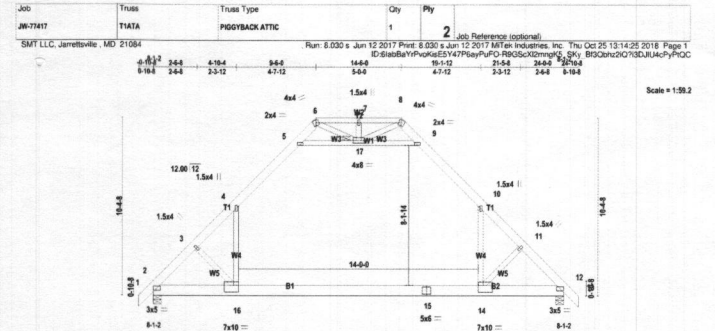
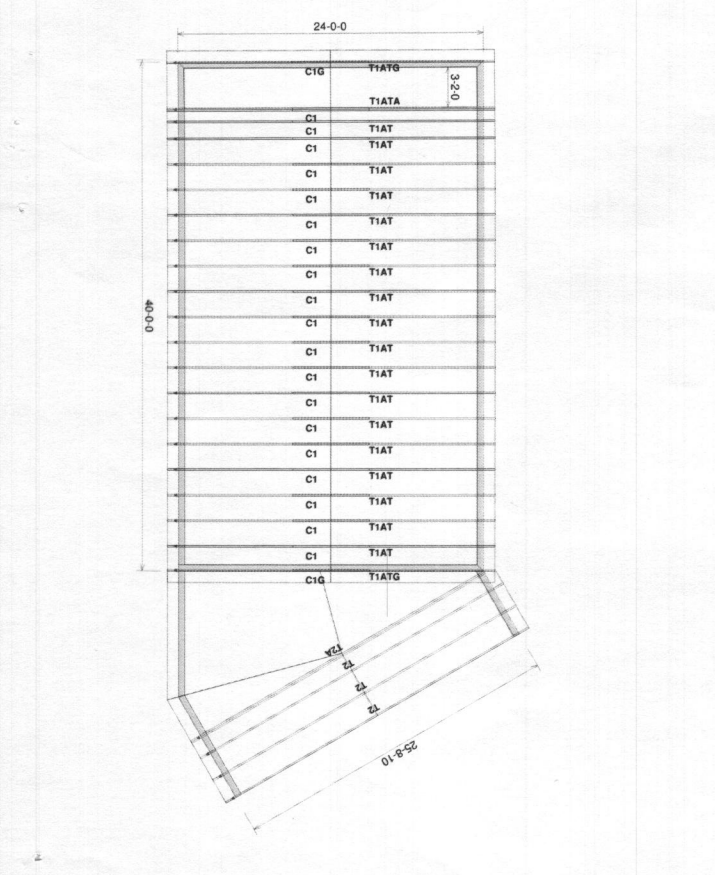




Stick-built roof framing

Stick-built overframe on existing roof

Pre-Engineered Trusses



LOADING (psf)	SPACING	CSL	DEFL	in (ft)	Ltd	PLATES	GRP
TCLL 30.0	Plate Grp DOL 1.15	TC 0.68	Vert(L) -0.48 14-16	>17	240	MT20	244190
Roof Snow-30.0	Lumber DOL 1.15	BC 0.26	Vert(R) -0.67 14-16	>17	180		
TCLL 10.0	Reg Stress Incr YES	WB 0.21	Horz(CT) 0.02 12	n/a	n/a		
BCLL 10.0	Code IRC2015/TP2014	Matn-P	Atic -0.30 14-16	574	360		Weight: 389 lb FT = 0%

**REACTIONS:** (b)size) 2x21890-5.6 (min. 0-1-11), 12x21890-5.6 (min. 0-1-11)  
 Max Horz 2x-426(L,C 3)  
 Max Uplift-265(L,C 3), 12-3225(L,C 3)

**FORCES:** (b) - Max. Comp. Max. Ten. - All forces 250 (lb) or less except when shown.

**TOP CHORD:** 2-1-40320, 3-21-40260, 3-22-40164, 2-23-37710, 4-23-37275, 4-24-32571, 24-25-21507, 5-25-18191, 5-26-15105, 6-26-95117, 6-27-49517, 6-28-49107, 6-29-48707, 6-30-48307, 6-31-47907, 6-32-47507, 6-33-47107, 6-34-46707, 6-35-46307, 6-36-45907, 6-37-45507, 6-38-45107, 6-39-44707, 6-40-44307, 6-41-43907, 6-42-43507, 6-43-43107, 6-44-42707, 6-45-42307, 6-46-41907, 6-47-41507, 6-48-41107, 6-49-40707, 6-50-40307, 6-51-39907, 6-52-39507, 6-53-39107, 6-54-38707, 6-55-38307, 6-56-37907, 6-57-37507, 6-58-37107, 6-59-36707, 6-60-36307, 6-61-35907, 6-62-35507, 6-63-35107, 6-64-34707, 6-65-34307, 6-66-33907, 6-67-33507, 6-68-33107, 6-69-32707, 6-70-32307, 6-71-31907, 6-72-31507, 6-73-31107, 6-74-30707, 6-75-30307, 6-76-29907, 6-77-29507, 6-78-29107, 6-79-28707, 6-80-28307, 6-81-27907, 6-82-27507, 6-83-27107, 6-84-26707, 6-85-26307, 6-86-25907, 6-87-25507, 6-88-25107, 6-89-24707, 6-90-24307, 6-91-23907, 6-92-23507, 6-93-23107, 6-94-22707, 6-95-22307, 6-96-21907, 6-97-21507, 6-98-21107, 6-99-20707, 7-00-20307, 7-01-19907, 7-02-19507, 7-03-19107, 7-04-18707, 7-05-18307, 7-06-17907, 7-07-17507, 7-08-17107, 7-09-16707, 7-10-16307, 7-11-15907, 7-12-15507, 7-13-15107, 7-14-14707, 7-15-14307, 7-16-13907, 7-17-13507, 7-18-13107, 7-19-12707, 7-20-12307, 7-21-11907, 7-22-11507, 7-23-11107, 7-24-10707, 7-25-10307, 7-26-9907, 7-27-9507, 7-28-9107, 7-29-8707, 7-30-8307, 7-31-7907, 7-32-7507, 7-33-7107, 7-34-6707, 7-35-6307, 7-36-5907, 7-37-5507, 7-38-5107, 7-39-4707, 7-40-4307, 7-41-3907, 7-42-3507, 7-43-3107, 7-44-2707, 7-45-2307, 7-46-1907, 7-47-1507, 7-48-1107, 7-49-707, 7-50-307, 7-51-000, 7-52-000, 7-53-000, 7-54-000, 7-55-000, 7-56-000, 7-57-000, 7-58-000, 7-59-000, 7-60-000, 7-61-000, 7-62-000, 7-63-000, 7-64-000, 7-65-000, 7-66-000, 7-67-000, 7-68-000, 7-69-000, 7-70-000, 7-71-000, 7-72-000, 7-73-000, 7-74-000, 7-75-000, 7-76-000, 7-77-000, 7-78-000, 7-79-000, 7-80-000, 7-81-000, 7-82-000, 7-83-000, 7-84-000, 7-85-000, 7-86-000, 7-87-000, 7-88-000, 7-89-000, 7-90-000, 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