



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: _____

Permit No.: _____

Building Address: 1029 St. Michaels Road
City: Utt Army State: MD Zip Code: 21911
Suite/Apt. #: _____ SDP/WP/BA #: _____
Subdivision: _____
Lot: _____ Tax Map: _____ Parcel: _____

Existing Use: _____
Proposed Use: _____
Estimated Construction Cost: \$ 13,000
Description of Work: Remove existing interior walls and reframe according to engineers plans to enlarge kitchen space
Occupant/Tenant Name: Cate and Greg Stryker
Was tenant space previously occupied? ☐ Yes ☐ No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: Cate and Greg Stryker
Address: 1029 St. Michaels Rd
City: Utt Army State: MD Zip Code: 21911
Phone: 202-391-7908 Fax: _____
Email: CateStryker@gmail.com

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: Jane Taff
Address: Below
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Contractor Company: Hassle Free Home Improvements
Contact Person: Jane Taff
Address: 26218 Ridge Rd
City: Damascus State: MD Zip Code: 20872
License No.: 81083
Phone: 240-425-0037 Fax: 240-207-3394
Email: jtaff@hasslefreehome.com

Engineer/Architect Company: Sweeney Engineering PC
Responsible Design Prof.: Patrick Sweeney
Address: 1918 Oak Lodge Rd
City: Catonsville State: MD Zip Code: 21228
Phone: 410-919-7446 Fax: _____
Email: pat@sweeneyengineering.net

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: _____
Area of construction (sq. ft.): _____	2nd floor: _____
Use group: _____	Basement: _____
	<input type="checkbox"/> Finished Basement
	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
	<input type="checkbox"/> Slab on Grade
Construction type: _____	No. of Bedrooms: _____
<input type="checkbox"/> Reinforced Concrete	<u>Multi-family Dwelling</u>
<input type="checkbox"/> Structural Steel	No. of efficiency units: _____
<input type="checkbox"/> Masonry	No. of 1 BR units: _____
<input type="checkbox"/> Wood Frame	No. of 2 BR units: _____
<input type="checkbox"/> State Certified Modular	No. of 3 BR units: _____
	Other Structure: _____
	Dimensions: _____
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 type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input 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: Jane Taff Print Name: Jane Taff
Email Address: jtaff@hasslefreehome.com Date: 7/31/18
Office Mgr - HFFH
Title/Company: _____

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

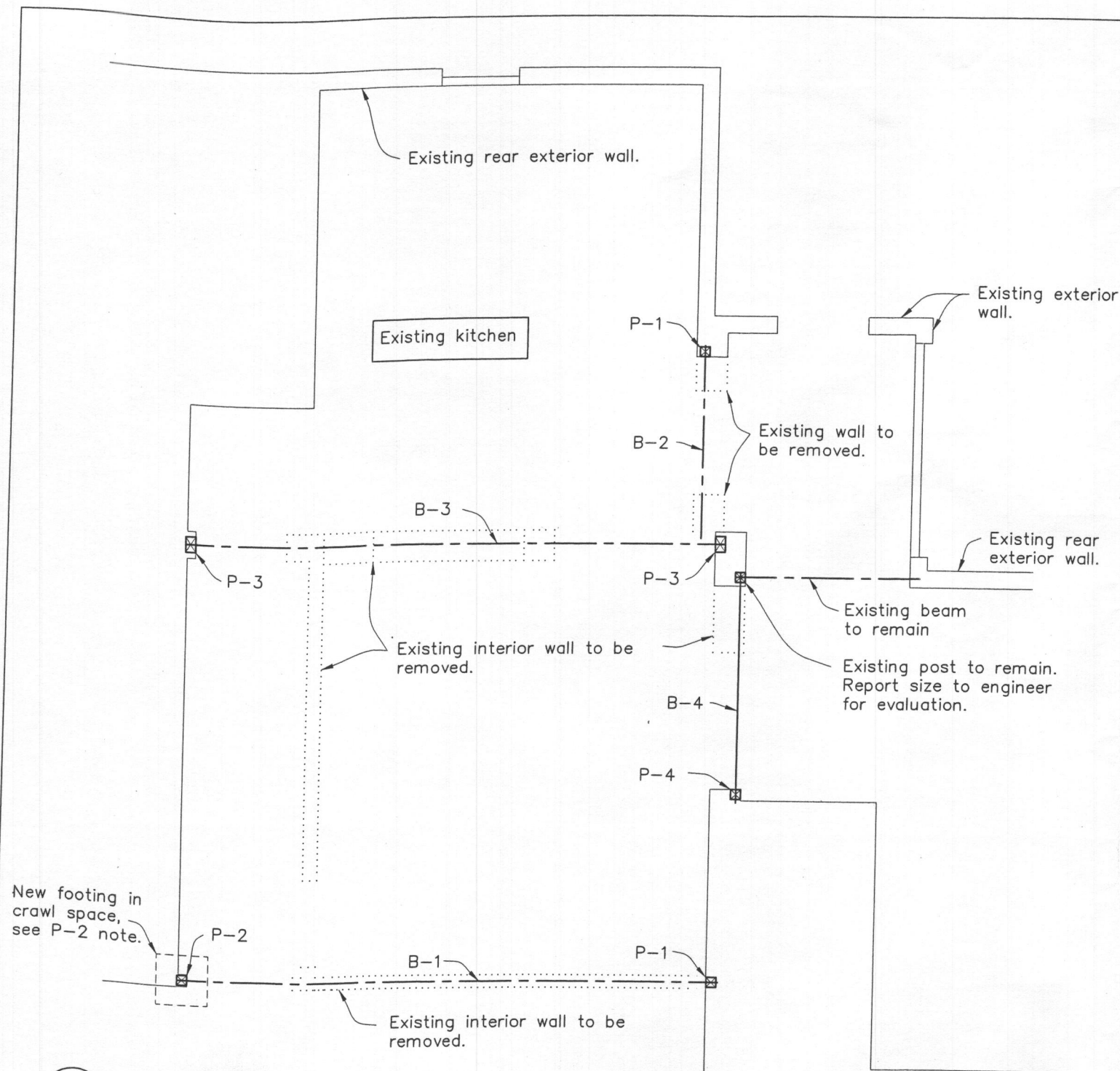
AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health		

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: _____

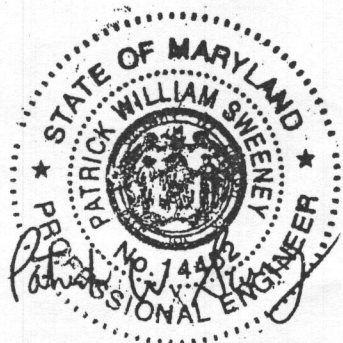
Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

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



A Partial 1st floor plan with attic and roof framing
Scale: $\frac{1}{4}"=1'-0"$

APPROVED
WALK-THRU BUILDING PERMIT
BP# _____ A# _____
APP. SAN *[Signature]* DATE: 9/1/18
DESC. OF WORK: *Remove existing wall*



General Structural Notes:

1. General

- 1.1. All construction shall conform with the provisions of the 2015 International Residential Code for one and two family dwellings.
- 1.2. Design live loads:

Roof	30 psf
Floors	40 psf
Ground Snow Load, P_g	30 psf
Ultimate wind speed (3 second gust)	115 mph
Seismic design category	B
Seismic site class	D
- 1.3. The contractor shall provide all shoring and bracing as required to support the existing structure. The contractor shall examine the existing structure to determine the extent of necessary shoring and bracing. The capacity and method used for shoring and bracing shall be the responsibility of the contractor.

2. Foundations

- 2.1. Footings are designed for an allowable soil bearing capacity of 2000 psf. Contractor to verify that the existing soil conditions meet or exceed this bearing capacity. Footings shall bear on natural undisturbed soil, 1'-0" below original grade.

3. Cast in place concrete

- 3.1. All concrete shall be ($f'_c=3,000$ psi) stone aggregate concrete at 28 days. All concrete exposed to the weather shall be air entrained.

4. Reinforcing steel

- 4.1. All reinforcing shall be high strength new billet steel conforming to ASTM designation A615, grade 60.

5. Wood

- 5.1. Structural solid wood rafters, joists, beams and studs shall be Spruce Pine Fir No.2 surfaced dry at a maximum of 19 % moisture content. All lumber exposed to weather shall be pressure treated Southern Pine No.2
- 5.2. All laminated veneer lumber (LVL) shall have the following minimum properties: $F_b=2600$ psi, $F_v=285$ psi, $E=2,000,000$ psi, $F_c=2510$ psi(parallel), $F_c=750$ psi(perpendicular). All LVL's shall have a $1\frac{3}{4}"$ minimum thickness.
- 5.3. All multiple members 10" or less in depth shall have each member nailed with 2 rows of 16d nails spaced at 12" o.c. Members deeper than 10" shall have 3 rows of 16d nails spaced at 12" o.c..
- 5.4. All nails are to be common wire nails. Nailing of all framing shall be as specified in the contract documents but in no case shall be less than the recommended nailing schedule contained in the 2015 International Residential Code.
- 5.5. All fasteners used with pressure treated lumber are to be hot dip galvanized, stainless steel or 1.85 oz. of zinc per square foot of surface (G185).
- 5.6. All flush wood connections shall have metal hangers. Install all hangers in strict conformance to the manufactures instructions. Fill all nail or screw holes using the specified nails and screws only.

Framing Schedule:

- B-1: (2) $1\frac{3}{4}" \times 11\frac{7}{8}"$ LVL beam centered on existing bearing wall and tight to underside of existing attic joists. Nail each existing attic joist to beam with (2) 12d nails. Connect LVL plies together with LedgerLOK screws @ 16" oc staggered.
- B-2: (2)2x10 beam tight to underside of existing wall plate. Nail existing wall plate to beam with 12d nails @ 16" oc. Connect to (B-3) with Simpson HU210-2 metal hanger.
- B-3: (3) $1\frac{3}{4}" \times 11\frac{7}{8}"$ LVL beam at existing bearing wall and tight to underside of existing attic joists and roof rafters. Nail each existing attic joist to beam with (2) 12d nails. Connect LVL plies together with 5" long LedgerLOK screws @ 16" oc staggered.
- B-4: (2)2x6 flush joist under existing gable wall. Bear on top of existing beam at rear end.
- P-1: 4x4 glulam post, connect to beam with (2) Simpson LCE4 post caps. Block solid between existing 1st floor joists to provide solid support to foundation wall. The design assumes that the post aligns with the foundation wall, report to engineer if assumption is not true.
- P-2: 4x4 glulam post, connect to LVL beam with (2) Simpson LCE4 post caps. Provide same post in crawl space directly under 1st floor post with 18"x18"x8" thick footing reinforced with (2)#4 bars each way at mid-depth of footing. Connect post to footing with Simpson ABW44Z post base, connect post to existing crawl beam with (2) LedgerLOK screws.
- P-3: 4x6 glulam post, Connect to LVL beam with (2) Simpson LCE4 post caps. Block solid between existing 1st floor joists to provide solid support to foundation wall. The design assumes that the post aligns with the foundation wall, report to engineer if assumption is not true.
- P-4: (2) 2x4 stud post.

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. 14452, Expiration Date: May 31, 2019.

Sweeney Engineering, PC Structural Engineers (410)719-7446	Project: Stryker Residence 1029 St. Michaels Road Mount Airy, MD 21771	Title: Framing Plan and Notes	Sheet#: 1 of 1 Date: June 13, 2018 Job#: 18108
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