



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: 3330 Rosemary Lane
City: West Friendship State: MD Zip Code: 21794
Suite/Apt. # _____ SDP/WP/BA #: _____
Census Tract: _____ Subdivision: _____
Section: _____ Area: _____ Lot: _____
Tax Map: _____ Parcel: _____ Grid: _____
Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: SFD
Proposed Use: SFD
Estimated Construction Cost: \$ 10,000
Description of Work: Tree damage repair. Repair damaged rafters and collar tie in kind. All work completed as per code and plans. 100 %
Occupant or Tenant: _____
Was tenant space previously occupied? Yes No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: Samuel Snowden
Address: 3330 Rosemary Lane
City: West Friendship State: MD Zip Code: 21794
Phone: 443-924-9698 Fax: _____
Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: Daniel Williams - Rapid Permit Service
Address: 7711 Garrison Rd #200
City: Landover Hills State: MD Zip Code: 20784
Phone: 301-731-4767 Fax: 301-731-5948
Email: dwilliams@rapidpermits.com

Contractor Company: South River Restoration
Contact Person: Mike Warden
Address: 1001 Prince Georges Blvd Ste 100
City: Upper Marlboro State: MD Zip Code: 20774
License No.: 89657
Phone: 800-460-0622 Fax: 301-218-3777
Email: _____

Engineer/Architect Company: EFI Global
Responsible Design Prof.: Jack Cash
Address: 6304 Woodside Ct Ste 112
City: Columbia State: MD Zip Code: 21046
Phone: 410-794-1262 Fax: 410-794-1269
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 st floor: <u>---</u>	
	2 nd floor: <u>---</u>	
Area of construction (sq. ft.):	Basement: <u>---</u>	
	<input checked="" type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<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	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input checked="" 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 checked="" 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.

Daniel Williams
Applicant's Signature
dwilliams@rapidpermits.com
Email Address
Expediter / RPS, Inc.
Title/Company

Daniel Williams
Print Name
10/25/2018
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>10/25/18</u>	<u>D. Bernard</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



Engineering, Fire &
Environmental Services

EFI Global, Inc.
DC Service Center
4516 Daly Drive
Suite M
Chantilly, VA 20151
Tel: (703) 802-9771
Tel: (800) 802-9770
Fax: 703-802-9773
www.efiglobal.com

September 6, 2018

South River Restoration
c/o: Mike Warden
1001 Prince Georges Blvd Suite 100
Upper Marlboro, MD 20774

RE: **Tree Damage Report**
Bobbi Snowden
3330 Rosemary Lane
West Friendship, MD 21794

EFI File No.: 9837010850

EFI Global, Inc. (EFI) has completed an inspection of the residence located at 3330 Rosemary Lane in West Friendship, MD. Our findings, analysis and conclusions are included herein.

This report contains a discussion of the information gathered during the investigation and an analysis and conclusions with respect to the condition of the subject site at the time of EFI's inspection. The conclusions contained herein are based on information available to date. This written report is the response to your request for an engineering investigation at the property.

ASSIGNMENT

EFI Global received an assignment from Mike Warden with South River Restoration on August 21, 2018 to examine the residence owned by Bobbi Snowden. The purpose of the examination was to evaluate the damage caused to the residence by a fallen tree.

BACKGROUND

The residence has suffered damages due to a fallen tree from the side yard. The tree fell during a significant wind storm and fell over the southwest corner of the detached garage.



Tree Damage Report

**Bobbi Snowden
3330 Rosemary Lane
West Friendship, MD 21794**

Prepared For:

**South River Restoration
1001 Prince Georges Blvd Suite 100
Upper Marlboro, MD 20774
ATTN: Mike Warden**

EFI Project No. 9837010850

September 6, 2018

Prepared By:

**Jack Cash, PE, LEED AP
EFI Global, Inc.
4515 Daly Drive, Suite M
Chantilly, VA 20151**



EFI Global 

Engineering, Fire &
Environmental Services

BUILDING/SYSTEM DESCRIPTION

The Bobbi Snowden residence located at 3330 Rosemary Lane in West Friendship, MD is a two story single-family house. There is a detached garage located directly southwest from the main house (seen in the picture to the right). This garage contains a two-car garage on the first floor along with a laundry room at the north end. There is a livable attic space above the garage that is finished.



OBSERVATIONS/DISCUSSION

The tree landed on the southwest wall of the garage damaging roof rafters above the finished attic. Only one rafter was damaged beyond repair (as seen in the picture below). This rafter and its collar tie will need to be replaced with 2x



members of matching size. The new rafter should attach to the ridge beam with a Simpson rafter hanger or equal and attach to the exterior wall with a Simpson H2.5a hurricane tie or equal. The new collar tie should attach to the rafters with six GRK RSS screws on each end.

The rafters on each side of the damaged rafter require repairs from damages near the end of the rafters (seen in the picture

below). A 2x section of matching size to the rafters should be sistered to the damaged rafters. This new section should start from the bearing end of the rafter and extend a minimum of three feet past any damages to the existing rafter. The new section should be attached to the existing rafter with two rows of GRK RSS screws at 6" on centers staggered.



All damaged roof sheathing should be replaced with sheathing of matching thickness and H-clips installed at all unsupported edges per the current building code.

Once these repairs and replacements are completed, the roof of the garage will be considered structurally sound again and adequate for occupancy.

CONCLUSIONS

Based on our observations, we determined that:

- There is 1 damaged rafter and collar tie that require replacement. The replacement rafter and tie should match the existing members in size.
- The rafters on each side of the damaged rafter can be repaired by sistering new members on one side.

QUALIFICATIONS

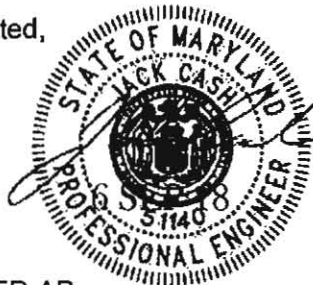
The information presented in this report addressed the limited objectives related to the evaluation of the extent of the tree damage at the Bobbi Snowden residence. This report only describes the conditions present at the time of our evaluation. It is not intended to fully delineate or document every defect or deficiency throughout the subject property. If any additional information is encountered which relates to this evaluation, EFI reserves the right to alter the opinions contained in this report. In some cases, additional studies may be warranted to fully evaluate concerns noted.

The findings noted herein do not constitute a scope of work for repair or offer of repair. Detailed design documents should be prepared to accurately reflect the scope of any repair work and competitive bids be obtained to determine actual repair costs.

Our services have been performed using that degree of skill and care ordinarily exercised under similar conditions by reputable members of EFI's profession practicing in the same or similar locality at the time of performance.

Any verbal statements made before, during, or after the course of the investigation were made as a courtesy only and are not considered a part of this report. EFI appreciates this opportunity to provide consulting services to South River Restoration in this matter. Please contact us should any questions arise concerning this report, or if we may be of further assistance.

Respectfully submitted,



Jack Cash, PE, LEED AP
Structural Engineer

