

County of Shenandoah



DEPARTMENT OF BUILDING INSPECTIONS
Shenandoah County Government Center
600 N. Main Street, Suite 107
Woodstock, VA 22664
540-459-6185

RESIDENTIAL ROOF/GROUND MOUNT SOLAR PANEL APPLICATION PACKET



County of Shenandoah

BUILDING DEPARTMENT
600 N. Main Street, Ste 107
WOODSTOCK, VA 22664
www.shenandoahcountyva.us

CONTENTS OF PACKET & DESCRIPTION OF EACH FORM

Page 1: Solar Panel Application Checklist. This document is to assist you in providing all the required information and approvals in order for our department to issue a building permit.

Page 2: Virginia Department of Health (VDH) Request. The Building Department is required by State Law to engage VDH on all additions or alterations that may affect existing sanitary facilities and water supplies. Along with this form, a site plan showing the location of the house and the addition, existing septic tank, drain-field area, water supply, and the estimated distances between the components and proposed addition. This form, and site plan, is to be signed by the Building Department. The form and site plan is then to be submitted, by you the applicant, to VDH.

Page 3: Universal Application for Permits. This document is required to be completed for any permit application. Check each box that pertains to what you are specifically applying for. For the installation of the deck, check "building". Be sure that you fill this application out completely.

Page 4: Site Plan for Zoning Permit. If the home is being constructed outside of any township, this zoning form is to be completed. Fill out this application completely and also draw where the home is to be located on the property and show the dimensions from the property lines. It is also helpful to show the well and septic on you site plan as well. If you are within the town limits of any township, zoning approval from that town is required and to be submitted with your permit application.

Page 5: Owners Affidavit. This document is required to be filled out if you, the owner of the property, are conducting any portion of the installation of the deck yourself. If you are hiring a licensed contractor to perform all work, this form is not to be completed.

Page 6 & 7: Contractor List Form/Permit Authorization Affidavit. Complete the Contractor List Form to show who will be performing the work. The Affidavit to be completed if the permit applicant is any person other than the licensed contractor performing the work. The contractor whom will be performing the work is required to complete this form. If the contractor is applying for the permits themselves, this form is not to be completed.

** Please ask one of our staff members if you have any questions. **



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SOLAR PANEL PERMIT APPLICATION CHECKLIST

- Complete the building permit application
 - Please include the job value for each of the building, mechanical, plumbing, electric if applying for all permits at the same time
 - Include a copy of the Virginia State Contractors license and/or the Shenandoah County Contractors license for verification.
 - Include a daytime phone number and email address so that we may contact you for any additional information or questions pertaining to your application.
- Include two complete sets of construction plans that are clearly legible.
 - Plans must include, but not limited to, the following:
 1. Foundation Plan for Ground Mount Systems - Footing size, width, rebar size, depth, and placement.
 2. Rack System Information for Roof Mount Systems – Installations instructions, design calculations for snow load and wind load.
 3. Engineering analysis for roof structure that the roof mount system is being installed on. If any reinforcement or repairs are required, engineering document is to be included in the permit application submittals.
 4. All electrical component documentation and UL listings
 5. **Systems wiring diagram**. This is what the inspector will use to verify compliance.
 6. All drawings must be signed by the individual (not company) responsible for the design, and must show the address and contact information.
- Approval by the Health Department (VDH) for the onsite sewage disposal systems and wells.
 - This is required to ensure compliance with the setbacks from the well and sanitary facilities. (If hooked to a public utility, this is not required)
 - A walkover request form is to be generated by the Building Department and given to the applicant to be submitted to VDH.
 - This is only required for solar panels being mounted on a ground mount system.
- Approval from the Zoning Department. (Must be approved prior to issuance of a building permit)
 - Contact the town in which the structure will be constructed in order to gain approval.
 - If located outside any town limit, Shenandoah County zoning can be applied for at the time of permit application.
 - This is only required for solar panels being mounted on a ground mount system.

****All agency approvals are to be submitted prior to the issuance of a building permit. ****



Shenandoah County Building Inspection Request for Health Department Review

To Be Completed By Property Owner or Agent:

Owner Name: _____	_____ (Phone)	_____ (e-mail address)
Mailing Address: _____ (Street or PO Box)	_____ (City/Town)	_____ (State) _____ (Zip Code)
Contractor/Agent: _____	_____ (Phone)	_____ (e-mail address)
Mailing Address: _____ (Street or PO Box)	_____ (City/Town)	_____ (State) _____ (Zip Code)
Property Physical Address: _____		
Tax Map #: _____ Current Number of Bedrooms: _____ Number of Bedrooms Added (if applicable): _____		

PLEASE READ CAREFULLY:

This report is only intended to address the above referenced request and does not address evaluation procedures for sewage systems being sold through real estate transfers, or systems and water supplies being re-used as part of a subdivision process. This document specifically addresses VDH's implementation of §32.1-165 of the *Code of Virginia* and is not to be used for any unauthorized use.

The property boundaries and building locations are clearly marked or identified at the property. I give permission to the Virginia Department of Health to enter the property described, if necessary, for the purpose of processing this application. An accurate sketch of the property, existing structures, wells, sewage disposal systems, and proposed structure(s) is attached.

Owner or Agent Signature: _____ **Date:** _____

The Shenandoah County Building and Code Enforcement Department hereby requests that the Virginia Department of Health evaluate the onsite sewage system and/or water supply on the property prior to the issuance of a building permit.

Description of Proposed Work: _____

Related Building Permit #: _____

Building Inspections Representative: _____ **Date:** _____

Please take this completed form to Local Health Department (See reverse for Site Sketch & contact information)

- Please attach any recent records of system maintenance (Pump-outs or Operation and Maintenance Reports).
- (To prevent potential damage to the system VDH recommends homeowners first contact Miss Utility for marking any underground utilities. The septic tank and distribution box should be carefully uncovered by hand.)

Please indicate proposed addition(s) in relation to existing structure. Also, please show location of **existing septic tank, drainfield area and water supply** and indicate actual or estimated distances between the proposed improvement and the closest septic system component(s). The footprint of proposed addition(s) must be staked or otherwise marked on the property. **Please note:** you may be required to uncover certain sewage components for evaluation.

Site Sketch (may be attached)



Shenandoah County Health Department
494 North Main Street // Suite 100
Woodstock, VA 22664
540-459-3733



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APPLICATION FOR BUILDING PERMIT

PERMITS APPLIED FOR Building Electric Plumbing HVAC Gas
 Zoning Alarm Suppression Demo Other _____

Owner: _____ Phone: _____ Email: _____

Mailing Address: _____

Location of Jobsite: _____ Location In: Town County

Directions from County Office: _____

Purpose of Permit: New Building Addition Alteration Remodel Other _____

Use of Proposed Structure or Building: _____

Size of Proposed Structure or Building (Includes Basement) (Square Feet): _____ Ridge Height of Purposed Structure of Building _____ Ft.

Description of Work: _____

Single Family Dwelling Mobile Home Modular Townhouse Commercial Industrial Multi-Family Dwelling

<u>Cost of Improvement</u>	<u>Type of Construction</u>	<u>Type of Sewage Disposal</u>	<u>Type of Foundation</u>
Building: \$ _____	_____	<input type="checkbox"/> Public Sewer	<input type="checkbox"/> Crawlspace
Electric: \$ _____	_____	<input type="checkbox"/> Private Septic	<input type="checkbox"/> Unfinished Basement
Plumbing: \$ _____	Type of Heat/AC _____ _____	<u>Type of Water Supply</u>	
Heat/AC: \$ _____		<input type="checkbox"/> Public Water	<input type="checkbox"/> Finished Basement
Other: \$ _____		<input type="checkbox"/> Private Well	<input type="checkbox"/> Slab on Grade
Total: \$ _____	_____	<input type="checkbox"/> Other _____	<input type="checkbox"/> Post to Footing

of Stories: _____ # of Bedrooms: _____ # of Full Baths: _____ # of Half Baths: _____ Garage: Attached Detached None

Contractor: _____ Phone #: _____ Cell #: _____

Email: _____ VA Contractor License #: _____ VA Class: A B C County License

Mechanic's Lien Agent: _____ None Designated

I Certify the Above Information is True and Correct to the best of my knowledge:

Owner Lessee Contractor Agent Architect/Engineer

Applicant Signature: _____ Phone #: _____ Email: _____

Print Name: _____ Date: _____ Best way to contact you: _____



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Site Plan for Zoning Permit - Minor

APPLICANT / OWNER

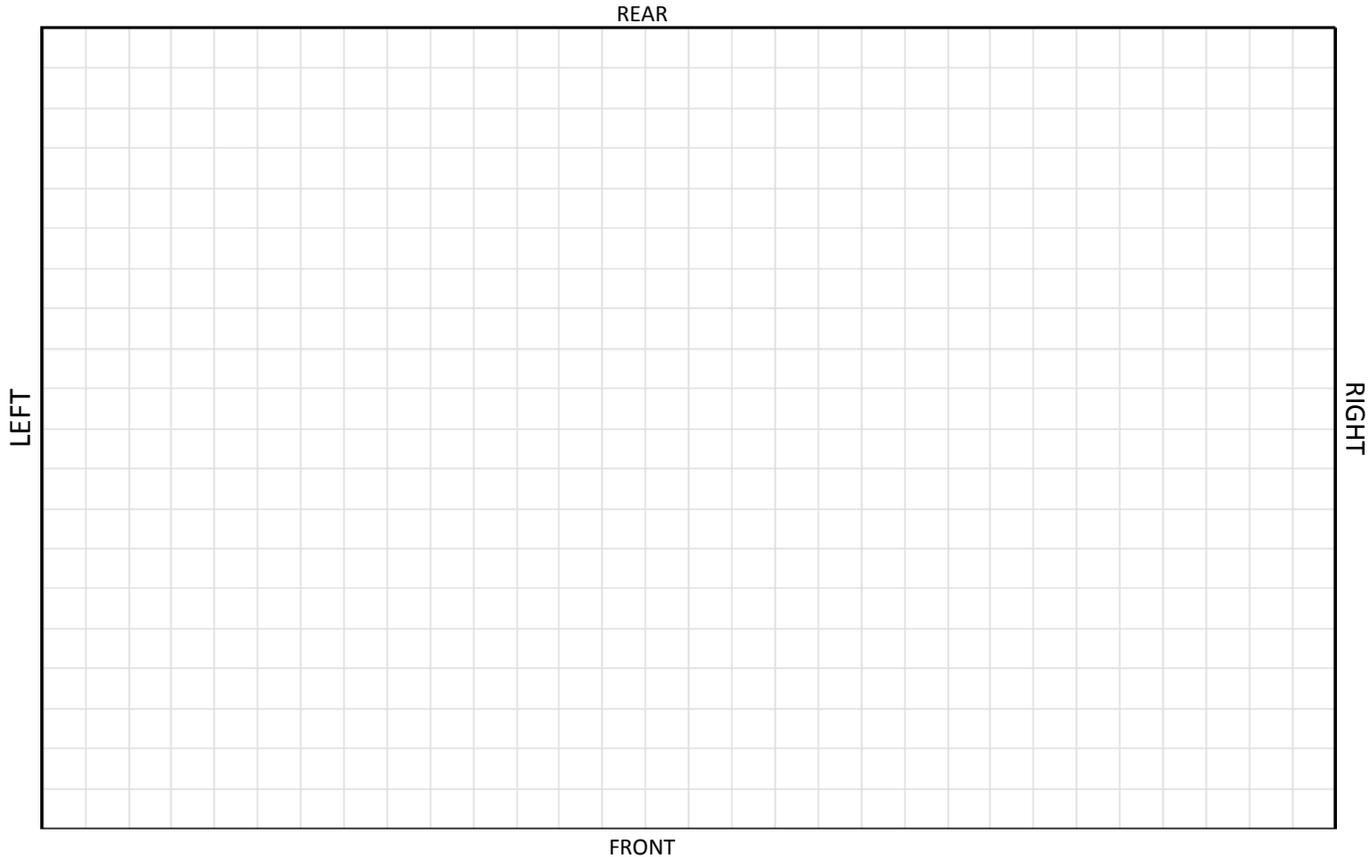
Name _____ Address _____
 Daytime Telephone _____
 E-Mail _____

PROPERTY

Address / Location _____
 Tax Map # _____ Parcel size _____ ac \ sf
 Proposed Setbacks: Front _____ Right Side _____ Left Side _____ Rear _____

SITE PLAN INSTRUCTIONS

The site plan must show: the proposed structure(s); all existing structures; all roads and waterways; and the distance from the proposed structures to all property lines. **Be as accurate as possible.**



I certify the above information provided is correct and true.

Signature _____ Date _____

OFFICE USE ONLY

Permit # _____	Fee _____	Date Rec'd _____	Floodplain? Y \ N
Zoning _____	Electoral Dist. _____	Magisterial Dist. _____	



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OWNER'S AFFIDAVIT

I, _____ of (address) _____
_____ affirm that I am the legal owner of a certain tract or parcel of the
land located at: _____.

I understand that I am applying for a building permit as owner of the above referenced
property and I am acting as my own contractor. I further understand that if I hire or enter
into a contractual agreement with any person(s) on this project, they must be licensed with
Shenandoah County and the Commonwealth of Virginia. If I decided to use a licensed
contractor, I will notify the Shenandoah County Community Development office prior to
the contractor starting any work.

Owner's signature

SIGNED AND ACKNOWLEDGED IN SHENANDOAH COUNTY, VIRGINIA ON THE
_____ DAY OF _____, 20____, IN THE PRESENCE OF THE UNDERSIGNED WITNESS.

Witness' signature

**Please note that if you are not the owner of the property, owner must sign and give written permission to
perform work, prior to the issuance of any permit.**



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CONTRACTOR LISTING FORM

Owner's Name: _____ Date: _____

In accordance with §81-1 License Required of the Code of Shenandoah County, I understand the person, firm, or corporation, providing the following services must be licensed. **A Permit Authorization Affidavit must be filled out by the person performing the Plumbing, Electric, Heating & A/C, Gas Service and Foundation work.** Please indicate who will be doing the following:

GENERAL CONTRACTING: _____

EXCAVATION/GRADING: _____

FOUNDATION WORK: _____

FRAMING: _____

ELECTRIC: _____

PLUMBING: _____

HEATING & A/C: _____

GAS SERVICE: _____

I CERTIFY THE ABOVE INFORMATION IS TRUE AND CORRECT. I AM AUTHORIZED BY THE CONTRACTORS LISTED ABOVE TO MAKE APPLICATION FOR THIS PROJECT.

Signature (Owner or Agent): _____

Date: _____



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PERMIT AUTHORIZATION AFFIDAVIT

§ 54.1-1111. Prerequisites to obtaining business license; building, etc., permit.

It shall be unlawful for the building inspector or other authority to issue or allow the issuance of such permits unless the applicant has furnished his license or certificate number issued pursuant to this chapter or evidence of being exempt from the provisions of this chapter.

I, _____ do hereby authorize the following person, _____ the right to act as my agent to obtain a(n) _____ permit in my absence and that I will be performing the work associated with the above permit located at _____, Virginia.

***Any misrepresentation of submitted data may result in legal prosecution.**

_____ (signature) _____ (date)

_____ (printed name)

_____ (DPOR license number)