

Town of Amherst, New Hampshire

Office of Community Development

Building · Code Enforcement · Planning · Zoning · Economic Development
2 Main St · Amherst, NH 03031 · 603.673.6041 · www.AmherstNH.gov

BUILDING PERMIT APPLICATION

To Build, Alter, Repair, Install, or Change Buildings, Land, or Uses

Complete All Sections Entirely

Property Address: _____ Map/ Lot _____
Property Owner Name: _____ Zone: _____
Phone #: _____ Email: _____

PERMIT APPLICANTS INFORMATION:

Contractor: _____ Name: _____
Address: _____
Phone Number: _____ Cell Phone: _____
Email: _____

Architect/ Engineer Firm: _____
Name: _____ License #: _____
Address: _____
Phone Number: _____ Cell Phone: _____
Email: _____

Electrical: _____
Name: _____ License #: _____
Address: _____
Phone Number: _____ Cell Phone: _____
Email: _____

Plumbing: _____
Name: _____ License #: _____
Address: _____
Phone Number: _____ Cell Phone: _____
Email: _____

Septic: _____
Name: _____ License #: _____
Address: _____
Phone Number: _____ Cell Phone: _____
Email: _____

BP # _____
EP # _____
PP # _____

Office Use Only

Fees:	Admin Fee _____	Building (Heated) _____	Building (Non-heated) _____
	Electric _____	Plumbing _____	Septic _____
	Total _____	Paid _____	

Detailed Description of Work:

Total Cost of Improvements: \$ _____
Square Footage of Improvements/ Additions/ Remodel : _____

Please check off applications –

1- Type of Building Permit:

- New Building Addition Alteration Demo - Yr Built _____
- Repair/ Replacement Pool Shed Deck Electrical
- Plumbing Commercial/ Industrial Sign
- Home Occupation OTHER _____

* Residential requires Application Form EC-1 certification from the NH Public Utilities Commission
(Available at <http://www.puc.state.nh.us/energycodes/Form%20EC-1.pdf>)

2- Use:

- One Family Two Or More Family- # of Units _____ Garage (Residential)
- Garage (Commercial) Barn/ Shed/ Agricultural Hotel/ Motel/ Dorm- # of Units _____
- Office/ Professional Industrial Public Utility Educational Retail Store
- Restaurant Medical Storage Assembly OTHER _____

Non Residential- Describe in detail proposed use of building(s):

3- Characteristics:

- Wood Frame Masonry Structural Steel Reinforced Concrete
- Other: _____
- Sewage- Private (Septic) Public Water Supply- Private (Well) Public
- Historic District- Yes No Scenic Road- Yes No
- Heating- Gas Oil Electric Wood Central Air- Yes No
- Elevator- Yes No
- Total Parking Spaces: _____ # of Bathrooms: (Full) _____ (Partial) _____
- # of Bedrooms: _____ (Residential Only)

4- Dimensions:

Number of Stories: _____
Square footage of all floor areas: _____ (Base on exterior dimensions)
Total Land Area: _____ (Acres)

Signature of applicant: _____ Date: _____

- I certify I have completed the following Stormwater Management Determination Form
- I certify a Driveway permit and Bond was submitted to Amherst DPW

This project may be subject to Impact Fees

By signing above, I certify that the proposed work is authorized by the owner of record and agree to conform to all applicable Codes, Laws and Ordinances for the Town of Amherst, New Hampshire. I further acknowledge that construction activities shall not commence until the Building Permit is approved and issued, and the structure will not be occupied or otherwise utilized without the issuance of a Certificate of Occupancy.



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Notice of New Code Adoption

On August 2, 2024 Governor Sununu signed into law House Bill 1059, which updated the NH State Building Code (RSA 155-A) to the 2021 editions with NH amendments. Note, the Energy Code remains the 2018 edition. The following code updates, retroactively, went into effect July 1, 2024 however, it will not be fully enforced until January 1, 2025.

The Updated NH State Building and Fire Codes:

2021 International Building Code 2021

International Residential Code 2021

International Plumbing Code 2021

International Mechanical Code

2021 International Existing Building Code

2018 International Energy Conservation Code 2021

International Swimming Pool and Spa Code

2020 National Electrical Code, NFPA 70 2021 Fire Code, NFPA 1 2021 Life Safety Code,
NFPA 101

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Notice of New Code Requirements

As of March 14, 2023, the Town of Amherst has a local amendment to the NH State Building Code. These requirements shall be in effect for all new construction.

“Adoption of Codes by Reference. The Town of Amherst hereby adopts the following building codes and amendments thereto pursuant to RSA 155-A and 674:51, as amended. These codes shall be known as the Building Code and are adopted to establish rules and regulations for the construction of buildings within the limits of the Town of Amherst. Where any provision of the Building Code conflicts with State or federal law, the code creating the greater degree of life safety shall take precedence. (3-11-14, 3-14-23)

1. The definition of potable water in Section R202 of the 2018 International Residential Code is replaced with:

POTABLE WATER. Water free from impurities present in amounts sufficient to cause disease or harmful physiological effects and conforming to the Drinking Water Maximum Contaminant Level standards established by the more stringent of the New Hampshire Department of Environmental Services or the U.S. Environmental Protection Agency for Arsenic, Bacteria, Copper, Fluoride, Lead, Nitrate, Nitrite, Uranium, Manganese, and those Per- and Polyfluoroalkyl Substances (PFAS) Contaminants for which standards have been set, including but not limited to:

Perfluorohexane sulfonic acid (PFHxS), total of all isomers
Perfluorononanoic acid (PFNA), total of all isomers
Perfluorooctane sulfonic acid (PFOS), total of all isomers
Perfluorooctanoic Acid (PFOA), total of all isomers

2. The existing text of the 2018 International Residential Code, Section P2602 Individual Water Supply and Sewage Disposal, Subsection P2602.1, General, is supplemented by the addition of the following:

Water Quality Test. Water from an individual water supply shall be approved as potable by the authority having jurisdiction prior to issuance of a certificate of occupancy. A report from a laboratory accredited under the New Hampshire Environmental Laboratory Accreditation Program or another state program under the National Environmental Laboratory Accreditation Program shall be submitted to the code/building official. When water treatment is necessary, treated water shall be tested for the contaminants listed within the “potable water” definition.

Well Capacity Test. An individual water supply system based on an individual well shall provide at least 960 gallons of water over a four-hour period in accordance with the following requirements:

1. Upon completion of the drilling and development of the well, the well must be pumped with a submersible pump located at the likely depth the permanent well pump would be set and at least 25 feet above the bottom of the well.
2. The determination of the usable well yield must be performed by completing a pump test a minimum of four hours in duration unless the criteria in No. 4 below is met.
3. During the pump test, the water level in the well must always be at least 20 feet above the pump intake, and if not, the pumping rate must be reduced to maintain the minimum 20 feet of water above the pump intake.
4. The pump test can be terminated in less than four hours if the water level drawdown rate is measured as less than 1 inch per minute over a 30-minute period and the pumping rate being maintained is a minimum of 4 gallons per minute.
5. Upon completion of the pump test, the water level must recover within 24 hours to at least 85 percent of the static water level measured prior to commencement of the pump test.
6. The well must have a minimum aquifer yield of no less than 2 gallons per minute.
7. The pump test must be overseen and documented by a licensed water well contractor, licensed pump installer, or a licensed geologist, with appropriate qualifications.
8. The well construction details, and pump test results must be documented and provided to the municipality and the homeowner.
9. If a well fails to meet the required pumping rate and performance standards, additional water volume may be met by adding a water storage tank to the domestic water system or another approved alternative method.
10. If the sanitary exclusion zone (as defined in NH Department of Environmental Services regulations) of one or more additional wells overlaps the sanitary exclusion zone of the subject well, then all such wells with overlapping sanitary exclusion zones must be tested and meet the capacity requirements simultaneously. The early termination provision of paragraph 4 shall not apply unless each well being tested simultaneously meets the criteria of paragraph 4.”

- **All new construction shall meet these potable water requirements. Testing and flow results are required.**
- **A Blower door test shall be required.**
- **An HVAC duct leakage test shall be required.**

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New Hampshire Residential Energy Code Application
 for Certification of Compliance for New Construction, Additions and/or Renovations of
 Detached One- and Two-family dwellings and multi-family dwellings (townhouses) not over 3 stories
EC-1 Form

Minimum Provisions from 2018 IECC Chapter 4 [RE]

Effective Date: July 3, 2024 Rev.5

Owner/Owner Builder: Company Name: (if applicable)			General Contractor: Company Name:		
Name:			Name:		
Mail Address:			Mail Address:		
Town/City:	State:	Zip:	Town/City:	State:	Zip:
Phone:	Cell:		Phone:	Cell:	
E-Mail:			E-Mail:		
Location of Proposed Structure:			Type of Construction:		
Tax Map #:		Lot #:	<input type="radio"/> Residential <input type="radio"/> Small Commercial <input type="radio"/> New Building <input type="radio"/> Renovation <input type="radio"/> Addition <input type="radio"/> Thermally Isolated Sunroom <input type="radio"/> Modular Home: the site contractor must submit this form detailing supplementary rooms and Floor and/or Basement insulation unless the floor insulation is installed or provided by the manufacturer and no heated space is added.		
Street:					
Town/City:	County:				
Zone 5 <input type="radio"/> Cheshire, Hillsborough, Rockingham Strafford Zone 6 <input type="radio"/> All other NH counties and town of Durham			Total New Conditioned* Floor Area: _____ ft ²		
			Basement or Crawl Space type: (*a conditioned space is one being heated/cooled, containing uninsulated ducts or w/ a fixed opening into conditioned space. Walls must be insulated) Conditioned? <input type="radio"/> Yes (Walls must be insulated) <input type="radio"/> No <input type="checkbox"/> Full Basement <input type="checkbox"/> Walk Out Basement <input type="checkbox"/> Slab on Grade <input type="checkbox"/> Other _____		
Structure is EXEMPT because: <input type="checkbox"/> Mobile Home <input type="checkbox"/> On an historic register			Form Submitted by: <input type="checkbox"/> Owner <input type="checkbox"/> Builder <input type="checkbox"/> Other _____		

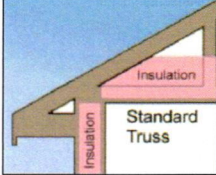
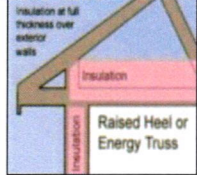
I hereby certify that all the information contained in this application is true and correct, and construction shall comply in all respects with the terms and specifications of the approval given by the local municipal code official or New Hampshire Department of Energy.

Signature _____ Print Name _____ Date _____

Official Use Only	
Date Complete Application Received:	Approved by:
Approval Number:	Date:
	Stamp:

Directions: Complete the "Your Proposed Structure" columns. No measurements or calculations are needed. Copies of plans are NOT needed. If you at least meet the Energy Code requirements, your project will be approved. Write N/A in any section that does not apply to your project. If your planned structure does meet these requirements, consider downloading REScheck <http://www.energycodes.gov/rescheck> to explore energy modelling options. **Please submit pages 1,2 and 3 only.**

YOUR PROPOSED STRUCTURE

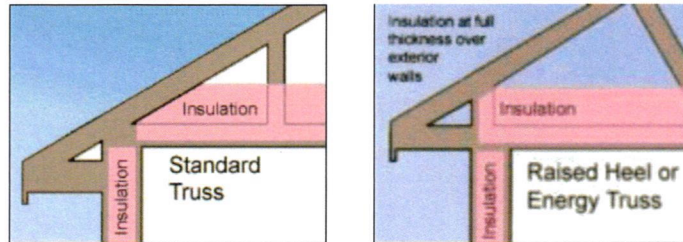
Building Section	Required R or U Values		Write Planned R and U Values	Brands / Models / insulation type and thickness (if known)
			Write in U-Value	
Window U Factor (lower U is better)	U .30 (maximum) U-.32 (if log walls in Zone 5) U-.30 (if log walls in Zone 6) U .45 (Thermally Isolated Sunrooms only)		Write in U-Value	Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Skylights	U .55 (or less) U .70 (Thermally Isolated Sunrooms only)			
Flat Ceilingⁱ <i>or</i> Flat Ceiling with Raised or Energy Trusses R-value	 R-49 (Zone 5 or 6) if using the above construction technique R-49 if log walls	 R-38 (Zone 5 or 6) if maintaining the full R value over the plates R-49 if log walls	Write in R-Value → If using only R-38 in Zone 5 or 6 you must check this box	NOTE: R-38 will satisfy the requirement for R-49 if the full R-38 insulation value is maintained over the outside plates. If using only R-38 (Zone 5 or 6), you must certify that you will maintain R-38 over the plates by checking the box below. <input type="checkbox"/> <i>By checking this box, I certify that this structure is being built with a raised energy truss or that the full R-value of the ceiling insulation will be maintained over the outside plates.</i>
Sloped or Cathedral Ceiling	R-30 (Zone 5 & 6) if less than 500 ft sq or 20% of total ceiling area or as above R-24 (Thermally Isolated Sunrooms only)		Write in R-Value	Check if <input type="checkbox"/> Sunroom
Above Grade Wallⁱⁱ R-value	Zone 5: R-20 Cavity Insulation only <i>or</i> R-13 plus R-5 Cavity plus Continuous Insulation Assembly U-Factor of, or less than 0.060 R-13 (Thermally Isolated Sunrooms only)	Zone 6: R-20 plus R-5 Cavity plus Continuous Insulation <i>or</i> R-13 plus R-10 Cavity plus Continuous Insulation Assembly U-Factor of, or less than 0.045 R-13 (Thermally Isolated Sunrooms only)	Write in R-Value	Log homes must comply with ICC400-2017, have an average minimum wall thickness of 5" or greater with specific gravity of ≤0.5 or 7" with specific gravity >0.5. Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Door U-Value	U .30 (maximum)		Write in U-Value	One opaque door in the thermal envelope is exempt from the U-factor requirement.
Floor R Value (e.g., floor over Basement or garage)	R-30 <i>or</i> Insulation sufficient to fill joist cavity minimum R-19		Write in R-Value	If conditioning the basement you must insulate Basement Walls . If not, you may

Basement or Crawl Space Wall R Value	For <i>both</i> Zone 5 and Zone 6 R-19 Cavity Insulation or R-15 Continuous Insulation	Write in R-Value	insulate either Floor or Basement Walls and Slab Edge (if $\leq 1'$ of grade)
Slab Edgeⁱⁱⁱ R Value	R-10 2' (Zone 5) 4' (Zone 6) (see drawing pg 3) <i>add R-5</i> if the Slab is heated or R-15 under entire heated slab if a log home.	Write in R-Value	Check if <input type="checkbox"/> Heated Slab
Air Sealing	A blower door test is required . The test must demonstrate an air exchange rate of <i>five</i> Air Changes per Hour (ACH) or less @ 50 Pa.	Blower Door	If required by the code official, an approved third party may be required to conduct the blower door test.

Submit pages 1,2 and 3 to local municipal code official or NH Department of Energy at energycodes@energy.nh.gov
Phone: 603.271.3670 Fax: 603.271.3878

Footnotes to Residential Energy Code Application for Certification of Compliance

ⁱ Ceilings with attic spaces: R-38 in Zone 5 or 6 will be deemed to satisfy the requirement for R-49 wherever the full height of uncompressed R-38 insulation extends over the wall top plate at the eaves or the full R-value is maintained. This is often accomplished by using a raised heel or energy truss as shown in the diagram below or by using higher R-value insulation over the plates.

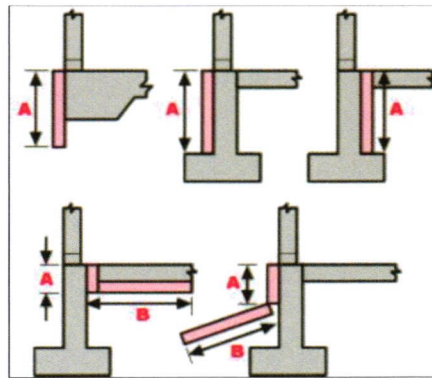


ⁱⁱ R-20 + R-5 means R-20 cavity insulation plus R-5 continuous insulation. A reduction of not more than R-3 of the required continuous insulation is permitted where the structural sheathing covers 40% or less of the gross area of the exterior walls.

ⁱⁱⁱ Slab edge insulation must start at the top of the slab edge and extend a total of two (Zone 5) or four feet (Zone 6). Insulation may go straight down, out at an angle away from the building, or along the slab edge and then under the slab. A slab is a concrete floor within 1' of grade level. See diagram below.

The top edge of insulation installed between the exterior wall and the interior slab may be mitered at a 45 degree angle away from the exterior wall.

Allowable Slab Insulation Configurations



A or A + B must equal two feet in Zone 5 or four feet in Zone 6

MODULAR HOMES must be certified by the NH Department of Safety. Unless the floor insulation is provided by the manufacturer this form may be submitted. This form may also be submitted if the basement is to be insulated or supplementary heated space is added to the home upon or after it is set.