TOWN OF FREEDOM
FREEDOM, NH 03836

ZONING-BUILDING PACKET

OFFICE HOURS: BY APPOINTMENT
OFFICE PHONE: 539-6323
CELL PHONE: 986-0486
Email: freedomzoning@townoffreedomnh.gov

GENERAL INSTRUCTIONS

Important: Read carefully before filling out and submitting an application.

All appropriate sections of the attached form must be completely filled out. The form is provides information you need as well as references to applicable sections of the Freedom Zoning Ordinance.

The zoning officer cannot act on this application unless you include:

- Include a signed or stamped *"Local Approval for construction of an individual sewage disposal system."* (Zoning ordinance section 2302.3)
- If the property is located on a town road, include the two page, approved *"Driveway Permit"* signed by the Road Agent. If there is not an approved driveway permit on file, the applicant must file an application and obtain a current approval. (Zoning ordinance section 805)
- If the property is located on a state road, include a state-approved driveway permit. (Zoning ordinance section 805) Find the application at: https://www.nh.gov/dot/org/operations/highwaymaintenance/documents/DrivewayPermitFormHandWrittenEntries.pdf

MAIL OR DELIVER The completed application to the Zoning Officer at the town of Freedom. You can mail it or leave it in the mail slot in the foyer of the town office. **Please note, it may take up to 30 days to approve or deny a zoning application.**

TOWN OF FREEDOM ZONING PERMIT APPLICATION

1. Owner Information

Owner_____ Date:_____

Permanent Address:_____ Phone #_____

E-mail Address:_____ Cell#_____

2. Property Information

Property Address: _____ Phone: _____

Map#_____ Lot#_____ Lot Size (acres)_____ Zoning District_____

You can find the first 3 items on your tax bill. Check zoning district with zoning officer.

Is this property non-conforming by area? (Section 803) ☐ Yes ☐ No

Zoning District	Min. Lot Size	Zoning District	Min. Lot Size
Village Residential (VR)	1 acre	Residential/Light Commercial (R/LC)	5 acres
General Residential (GR)	2 acres	Shorefront GR	2 acres
Rural Residential (RR)	1 acre	Shorefront RR	1 acre

Does the property have town water or a private well? _____

What class road does the property border on? _____

See page 10 for a list of town roads to find this information.

Are there any easements or rights of way on the property? _____ ☐ Yes No ☐

Does this property lot have a tax exemption because part/all acreage is in current use? _____ ☐ Yes No ☐

If there are prior zoning applications concerning the property, include the application and a Plot Plan

Is this property on a corner—i.e., borders on two different streets? (Section 803)_____ ☐ Yes No ☐

Are there wet areas or wetlands on the property? (Section 403 to 306, Article 6)_____ ☐ Yes No ☐

Is the property 0.5 acres or less? Section 310.1.7 _____ ☐ Yes No ☐

Is the property in the floodplain? See Floodplain Ordinance https://townoffreedom.net/regulations/ ☐ Yes No ☐

3. Current Property Use—check all that apply

Residential (existing home) ☐ # of current bedrooms ___ Accessory buildings only ☐ Raw Land ☐

In Current Use ☐ Commercial ☐ Camp/Campground ☐ Home Occupation: Minor ☐ Major ☐

Other ☐ Specify _____

4. Proposed Project

Describe **all parts** of the proposed project (new construction, removals, replacements, new rooms, etc.)

_____

_____

Total Square Feet of Project _____ Proposed start date _____

Is this use permitted or does it require a special exception? Permitted ☐ Special exception ☐
See page 11-12 for a list of permitted and special exception uses by district

Will the height of any structures be altered? Section 308.3.1 ☐ Yes No ☐

Will the total footprint of all structures exceed 15% lot coverage? Section 310.1.6 ☐ Yes No ☐

Will the project expand a non-conforming structure? By what %? Section 906 ☐ Yes No ☐

Does the project comply with all parking requirements? Section 1104.1 ☐ Yes No ☐

If the proposed building a manufactured home, does it meet the requirements? Section 110 ☐ Yes No ☐

Is the property adjacent to a stream Section 602-603 ☐ Yes No ☐
See table of streams on page 13.
If yes, provide a stormwater management plan. (See pages 14-18).

Will any additional water flow off the site to an abutter's property or town road (Section 602- ☐ Yes No ☐
If yes, provide a stormwater management plan (See pages 14-18)

5. Present and Proposed Construction

Boundary lengths (in feet). If you have a surveyed plot plan, please use that data. If not, go to https://townoffreedom.net/tax-maps/ to select your tax map, then find your lot number for the data.

Lot road frontage: _____ Left boundary: _____ Right boundary: _____ Rear boundary: _____

List the setbacks for building(s) **presently** on your property? Include all building overhangs in your measurements. (Tables 304.1 to 304.6)

Building name	Front (on road)	Right boundary	Left boundary	Rear boundary
Required setback	50 feet	30 feet	30 feet	40 feet Shorefront 75 feet

What are the setbacks for the **proposed** structure(s)?

Building name	Front (on road)	Right boundary	Left boundary	Rear boundary
Required setback	50 feet	30 feet	30 feet	40 feet Shorefront 75 feet

Address the following if property in the shorefront district

Any proposed structures within 300' of reference line? Table 304.5 ☐ Yes No ☐
Will the project require any earth work? Section 304.6. ☐ Yes No ☐
Is there a need for erosion control? Section 304.6.3 ☐ Yes No ☐
Is there any tree cutting within 75'? Section 703.4 and Section 304.6.5 ☐ Yes No ☐
Is there tree cutting beyond 75' with a grade of 12.5% or greater? Section 305.6.5.3 ☐ Yes No ☐
Do the impervious surfaces on the lot exceed 25%? Section 704 ☐ Yes No ☐
Is any State shoreland approval needed? ☐ Yes No ☐
Follow the link below for instructions and to download form at bottom of page if needed:
https://onlineforms.nh.gov/app/#/formversion/282248b1-10d0-4046-9d49-e85d148c09a3

PLOT PLAN

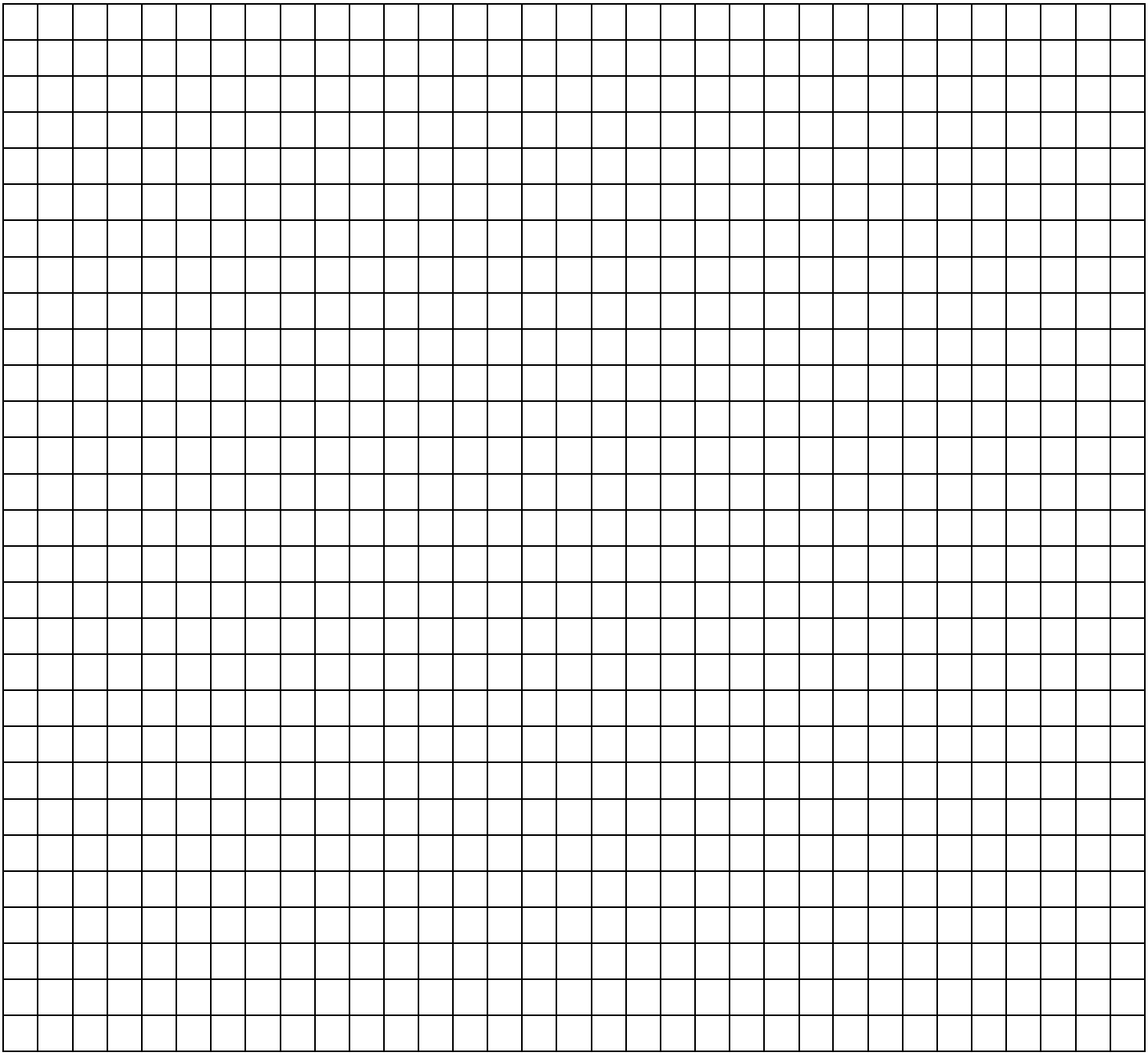
Date:_____

Map_____Lot_____Property Address:_____

Owner Name(s):_____ Phone:_____

In the space below draw (to scale)
1. The boundaries and shape of your lot and mark the boundary distances
2. Show all present and proposed buildings in their correct location and indicate dimensions (in feet).

Orient your drawing so the road is at the bottom of the diagram. A survey of your property may be required as part of this application.



SIGNATURES

The undersigned owner hereby requests a zoning permit for the above use, to be issued based on the representations contained herein. Permit is void in the event of misrepresentation and/or not being in compliance with the zoning ordinance, site plan review, subdivision regulations (if applicable) and other applicable state and town laws and regulations. Construction is not authorized until a building permit is issued. By signing below, owner acknowledges and allows access to property for inspection regarding this proposed work.

This application must be submitted by and signed by all owners of the property listed on this application.

Signature _____ Date _____

Print name _____
Property owner

Signature _____ Date _____

Print name _____
Property owner

Signature _____ Date _____

Print name _____
Property owner

Signature _____ Date _____

Print name _____
Property owner

If you are using an agent for this application, provide the information below:

Designation of agent

I designate the person listed below as my agent for the purpose of procuring the necessary local permits for the proposed work as described herein. Representations made by my agent may be accepted as though made by me personally, and I understand that I am bound by any official decision made based on such representations.

Agent _____ Telephone # _____

Address _____

Owner's signature _____

Owner's signature _____

Owner's signature _____

Owner's signature _____

Map_____Lot _____

Zoning Officer Decision

The zoning officer is required to deny an application under Section 2303, if:

- The application is for a use that requires a special exception
- The application requires a variance

Only the ZBA is the body that can grant either of the above.

Approved_____ Date_____ Zoning Officer _____
Denied _____ Date_____ Zoning Officer _____

Reason for Denial:
Article: _____ Section: _____ - _____
Article: _____ Section: _____ - _____
Article: _____ Section: _____ - _____
Article: _____ Section: _____ - _____

If the zoning officer denies the application, the applicant may appeal this decision to the Zoning Board of Adjustment. Please use the Zoning Board Application found on the town's website, www.townoffreedomnh.gov

ZBA Tips:

- Application and Appointment of Agent Form must be completed and signed by all owners of the property.
- Abutter letters go directly to ZBA at PO Box 227, Freedom, NH 03836
- The applicant is responsible to fulfill all requirements from the ZBA and provide the necessary information. The applicant is responsible for reading the regulations. The Zoning Officer's role is to help the applicant complete the application if the applicant requests help.
- To be considered by the ZBA, an application must be significantly different from a previous application which the ZBA has previously denied.
- If the ZBA approves the special exception or variance, the application will come back to the zoning officer for action. The zoning officer will determine that the applicant has met all conditions imposed by the ZBA and sign below.
- The ZBA approval can be appealed within 30 days of the decision.

Once the zoning officer has signed the application, it can go to the Building Department.

FOR USE IF THE APPLICANT'S ORIGINAL APPLICATION IS DENIED AND THE ZBA HAS APPROVED THE PROPOSED PROJECT

Approval below signifies that the applicant has submitted proof that they have met all conditions listed by the zoning board of adjustment.

Approved____ Date _____Zoning Officer _____

Per ZBA decision dated:_____

TOWN OF FREEDOM
APPLICATION FOR
BUILDING PERMIT

Tax Map # _____Lot # _____
Application Date _____
Permit # _____ Fee: _____
By _____

See building permit fee schedule on page 8 and building code requirements on page 9

1. Owner Information

Owner_____ Date: _____
Permanent Address:_____ Phone #_____
E-mail Address:_____ Cell#_____

2. Property Information

Property Address: _____
Map#_____ Lot#_____ Lot Size (acres)_____ Phone _____
NH Septic Approval# _____ Date _____ # of Bedrooms _____
NH Energy Code Approval# _____

3. Contractor/Builder Name: _____Company: _____
Address: _____ State/Zip _____ Phone _____

4. Reason for Permit ☐ New Structure ☐ Addition ☐ Remodel ☐ Alteration ☐ Change of Use

□ Res □ Comm □ Ind Type of Business _____Type of Mfg. _____
Of Stories _____ ☐ Frame ☐ Metal ☐ Masonry ☐ Other _____
Size of Building Width _____ Length _____

Foundation	Basement	Exterior Walls	Insulation	Interior finish	Heating
☐ Concrete	☐ Full	☐ T-l11	☐ Blanket	☐ Drywall	☐ Electric
☐ Cement Block	☐ Finished	☐ Clapboard	☐ Wall Roof	☐ Paneling	☐ Oil
☐ Other	☐ Other	☐ Other	☐ Other	☐ Other	☐ Wood*

*Fire Department Permit Required

I hereby agree to comply with the town subdivision regulations, Freedom growth management regulation, flood plain ordinance, state shoreland protection act, selectmen's town road specifications, fire codes, state air and water pollution permits (sewage etc.), state building codes and any other requirements in effect in the town of Freedom.

I hereby certify under penalty of perjury that the estimated cost of construction, alteration,or remodeling (including labor and material) is $_____

Date: _____ Owner/Agent Signature: _____

Code Officer: _____ Owner/Agent Print Name: _____

Valid for (1) One Year from Date Issued. Owner Address: _____

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:

Tax Map #: Lot #:

Street:

Town/City: County:

Type of Construction:

○ **Residential** ○ **Small Commercial**

○ New Building ○ Renovation ○ Addition

○ Thermally Isolated Sunroom

○ 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.

Zone 5 ○ Cheshire, Hillsborough, Rockingham Strafford

Zone 6 ○ All other NH counties **and town of Durham**

Total New Conditioned* Floor Area:

_____ ft²

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? ○ Yes (Walls must be insulated) ○ No

☐ Full Basement ☐ Walk Out Basement

☐ Slab on Grade ☐ Other _____

Structure is EXEMPT because:

☐ Mobile Home ☐ On an historic register

Form Submitted by:

☐ Owner ☐ Builder ☐ 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**_____

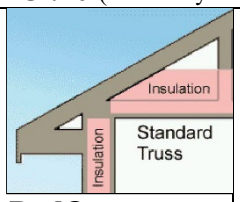
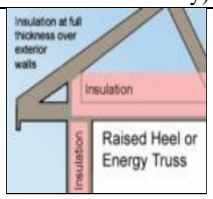
Official Use Only

Date Complete Application Received: **Approved by:** **Date:**

Approval Number: **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

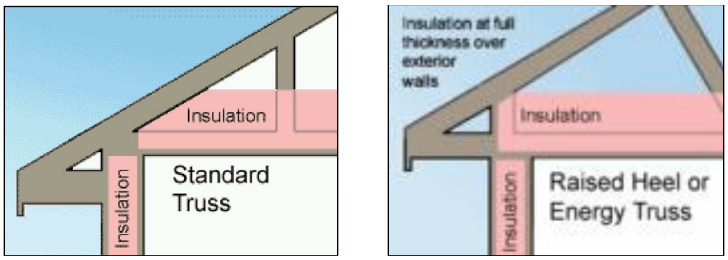
Building Section	Required R or U Values	Write Planned R and U Values	Brands / Models / insulation type and thickness (if known)
Window U Factor (lower U is better)	**U .30** (maximum) **U-.32** (if log walls in Zone 5) **U-.30** (if log walls in Zone 6) **U .45** (Thermally Isolated Sunrooms only)	Write in U-Value	Check if ☐ **Sunroom** ☐ **Log Walls**
Skylights	**U .55 (or less)** **U .70** (Thermally Isolated Sunrooms only)		
Flat Ceiling[i] *or* **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.** ☐ ***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.***
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 ☐ **Sunroom**
Above Grade Wall[ii] **R-value**	**Zone 5:** **R-20** Cavity Insulation only *or* **R-13** *plus* **R-5** Cavity *plus* Continuous Insulation *or* 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 *or* **R-13** *plus* **R-10** Cavity *plus* Continuous Insulation *or* 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 ☐ **Sunroom** ☐ **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** *or* 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 *both* Zone 5 and Zone 6 **R-19** Cavity Insulation or **R-15** Continuous Insulation	Write in R-Value	insulate either **Floor** or **Basement Wall**s and **Slab Edge (if ≤ 1' of grade)**
Slab Edge[iii] R Value	**R-10** **2′** (Zone 5) **4′** (Zone 6) (see drawing pg 3) ***add*** **R-5** if the Slab is heated or **R-15** under entire heated slab if a log home.	Write in R-Value	Check if ☐ **Heated Slab**
Air Sealing	A blower door test is **required**. The test must demonstrate an air exchange rate of ***five*** 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.

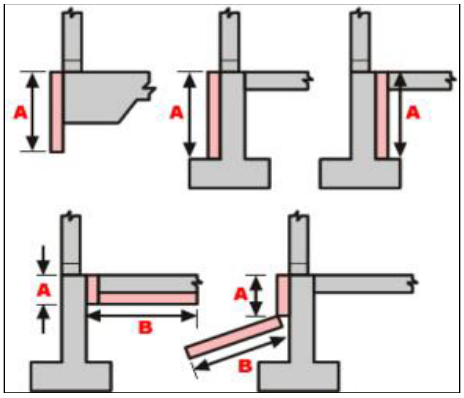


[ii] R-20 + R-5 means R-20 cavity insulation plus R-5 continuous insulation. A reduction of not more than R-3 of the required continuous insulation is permitted where the structural sheathing covers 40% or less of the gross area of the exterior walls.

[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.

Residential IECC Chapter 4 [RE]
The following list is intended as a general summary of energy related requirements.
Please consult the 2018 IECC Chapter 4 [RE] for complete requirements.

	Air Leakage Code Section R402.4	The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of IECC Sections R402.4.1 through R402.4.5. The building thermal envelope must be durably sealed to limit infiltration. See Table R402.4.1.1 for a list of thermal envelope elements and installation criteria. Building envelope air tightness shall be verified to comply by Blower Door testing to not exceed air leakage of 5 Air Changes per Hour (ACH) at 50 Pascals pressure. The local Building Official may require an independent 3rd party to conduct the test.
	Testing Code Section R402.4.1.2	The Blower Door Test is the required method to demonstrate code compliance with the air leakage requirement. Blower Door Test conducted by: _____ Result (at 50 Pa): _____CFM Interior Volume_____ CF _____ACH
	Fireplaces Code Section R402.4.2	New wood-burning fireplaces shall have tight-fitting flue dampers or doors and outdoor combustion air.
	Recessed Lighting Code Section R402.4.5	Recessed lights in the thermal envelope must be type IC rated and labeled as meeting ASTM E 283 and sealed with a gasket or caulk between the housing and the interior wall or ceiling covering.
	High-Efficacy Lighting Code Section R404.1	Not less than 90 percent of the lamps in permanently installing lighting fixtures shall contain only high-efficacy lamps.
	Materials and Insulation Identification Code Section R103.2 and R303.1	Materials, systems and equipment shall be identified in a manner that will allow a determination of code compliance. Manufacturer manuals for all installed heating, cooling and service water heating equipment must be provided. Insulation R-values, glazing and door U-values and heating and cooling equipment efficiency must be clearly marked on the building plans, drawings or specifications.
	Pull-Down Attic Stairs, Attic Hatch, and Access Doors Code Section R402.2.4	Should be insulated to a level equal to the surrounding surfaces and tightly sealed and weather-stripped at the opening. Access that prevents damaging or compressing insulation shall be provided to all equipment. A baffle or retainer shall be provided to prevent loose fill insulation from spilling from the attic access.
	Access Hatches and Doors Codes Sections R402.4 and R402.3.4	All doors leading from a conditioned space into an unconditioned space such as an attic or basement should be insulated to a level equal to the surrounding space and weather-stripped or rated door units meeting the U-factor requirement. One door less than 24 square feet is exempt.
	Duct Insulation Code Section R403.3.1	**Supply and return** ducts in attics must be insulated to at least R-8 where 3 in. diameter or greater and not less than R-6 for ducts smaller than 3 in. diameter. Supply and return ducts in other portions of the building must be insulated to at least R-6 where 3 in. diameter or greater and not less than R-4.2 for ducts smaller than 3 in. diameter. Exception: Ducts or portions thereof located completely inside the building thermal envelope.
	Duct Construction Code Sections R403.3.2 and R403.3.5	Ducts, air handlers and filter boxes shall be sealed. Joints and seams must comply with the *Int. Mech. Code* or Section M1601.4.1 of the *International Residential Code*. Building framing cavities **shall not** be used as ducts or plenums (neither supply nor return).

	Duct Testing Code Sections R403.3.3	Ducts shall be pressure tested to determine air leakage by either 1) rough-in test or 2) post-construction test. Rough in Test: Ducts must be no leakier than 6 CFM per 100 sqft of conditioned floor area with air handler installed or 4 CFM per 100sqft without the air handler installed. Post Construction: Ducts must be no leakier than 8 CFM per 100 sqft of conditioned floor area. See Code for further requirement details. Test conducted by: _____ Duct test result at 25 Pa:_____Post construction or _____Rough-in test
	Temperature Controls Code Section R403.1, R403.1.1 and R403.1.2	At least one thermostat must be provided for each separate heating and cooling system. The thermostat controlling the primary system must be equipped with a programmable thermostat. Heat pumps having supplementary electric-resistance heat must have controls that, except during defrost, prevent supplemental heat operation when the heat pump compressor can meet the heating load
	Mechanical System Piping Insulation Code Section R403.4	Mechanical system piping capable of conveying fluids at temperatures above 105°F or below 55°F must be insulated to R-3.
	Circulating Hot Water Systems Code Section R403.5.1.1 and R403.5.3	Controls for circulating hot water system pumps shall start based on the identification of a demand for hot water within the occupancy. The controls shall automatically turn off the pump when the water in the circulation loop is at the desired temperature and when there is no demand for hot water. Circulating domestic hot water system piping shall be insulated to R-3.
	Mechanical Ventilation Code Section R403.6	The building shall be provided with ventilation that meets the requirements of Section M1504 of the International Residential Code or the International Mechanical Code, as applicable, or with other approved means of ventilation. Outdoor air intakes and exhausts must have automatic or gravity dampers that close when the ventilation system is not operating.
	Equipment Sizing Code Section R403.7	Heating and cooling equipment shall be sized in accordance with ACCA Manual S based on building loads in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies. Equipment shall have an efficiency rating equal to or greater than applicable federal standards.
	Certificate Code Section R401.3	A permanent certificate, completed by the builder or registered design professional, must be posted on a wall in the space where the furnace is located, in a utility room or on the electrical distribution panel. It must list the R-values of insulation installed in or on the ceiling, walls, foundation, slab and ducts outside the conditioned spaces; U-factors and SHGC for fenestration; results from any required duct system test and building envelope air leakage testing performed on the building. The certificate must also list the type and efficiency of heating, cooling and service water heating equipment.
	Existing Buildings and Structures See **Appendix J** of IRC	The purpose of these provisions is to encourage continued use of existing buildings and structures. Work in existing buildings shall be classified into categories of repair, renovation, alteration and reconstruction. Consult this Appendix for specific requirements related to work in existing buildings.

TOWN OF FREEDOM
PERMIT FEE SCHEDULE

1. **NEW CONSTRUCTION –** Additions, Residential Dwelling-Modular Homes

   45 cents per square foot of floor space MINIMUM $60.00

2. **Accessory Buildings, Commercial, Industrial, Garages, Sheds, Utility Building, Ground Mount Solar, and Decks**

   45 cents per square foot of floor space MINIMUM $60.00

3. **FOR ALTERATIONS OR REPAIRS TO - Dwellings, Sheds, Garages, Decks, Roof Mounted Solar ETC.**

   $5.00 per one thousand dollars of construction MINUMUM $60.00

4. **NEW CONSTRUCTION –** Agriculture, Schools, Churches, Hospitals

   $3.00 per one thousand dollars of construction MINUMUM $60.00

5. **FOR ALTERATIONS, RENOVATIONS, ADDITIONS IN BUILDINGS LISTED IN #4**
   $3.00 per one thousand dollars of construction MINUMUM $60.00

6. **MECHANICAL PERMITS –** ELECTRICAL, PLUMBING, GAS PIPING / MECHANICAL

   $70.00 up to 5,000 square feet
   $120.00 5,001 – 10,000 square feet
   $180.00 10,001 square feet and up

   On time Renewals shall be $50.00. **Renewals done after expiration date - $5.00 per thousand** of remaining construction costs.

7. **MISCELLANEOUS**

A. Mobile Homes	$60.00
B. Swimming Pools	$60.00
Above Ground	
In Ground	
C. Healthy Tree Removal	$75.00*
	*Plus noticing fee of $15.00 per abutter
D. Dead/Dangerous Tree Removal	$75.00
E. STR Conditional Use Permit Application	Initial $100.00 Renewal $50.00
F. Foundation	½ the total permit cost
G. Work Started without a permit	$100.00 flat fee + permit fee (Waived for Electrical, plumbing or structural emergency)

8. **REINSPECTION**
   $50.00 This fee will be charged for each inspection conducted after 2 failed attempts at obtaining approval for both rough and final inspections.

Building Code Requirements

- All building permits require a zoning permit prior to the issuance of the permit.
- Building permits must be posted in conspicuous place on construction board.
- A current permit for construction of a septic system is required prior to the issuance of a building permit.
- Roof system per 2018 Building Code
- Stair geometry in residential homes per 2018 Building Code
- Hard-wired smoke detectors with battery backup are required. One on each level and one in every bedroom chamber. Power to the smoke detector circuit must be taken from a circuit that supplies a bedroom chamber or living room.
- An oil burner permit is required for all oil-fired heating systems, including replacement of systems. This permit is issued by the Town Fire Chief.
- Propane, Heat Pump, Central Air per Building Codes
- New driveways entering from town roads need a driveway permit from the town road agent.
- All new homes need to contact the Selectmen's Office for 911 house number at beginning of project.
- Bonding of the water piping system to the electric service grounding is required.
- A bonding conductor connected to the grounding electrode conductor for telephone and cable TV is required at their service entrance locations.
- Unheated basement must have their ceiling insulated and a door is required at the bottom of bulkhead stairways to meet NH energy code.
- Electrical requirements per 2017 NFPA 70
- Solar projects must provide an affidavit from engineer that they comply with all applicable building codes electrically and structurally.
- For any new or renovation of commercial structures. A third party independent fire safety review of proposed construction or renovation will be required. And follow NFPA 1: fire code, 2018 edition:
  1.15
  1.16

Freedom Roads by Class

NOTE: If your property is not located on a road on this list, your property is on a private road.

State Roads

Cushing Corner Road
Eaton Road
Elm Street
Old Portland Road
Porter Road
Village Road

Town Roads

Abenaki Drive
Babcock Road
Beach Club Drive
Ben Road
Bennett Road
Black Road
Burnham Road
Charles Perry Road
Chick Drive
Cold Brook Road
Durgin Hill Road
E Danforth Road
Fife and Drum Way
Flintlock Lane
Freedom Point Road
Hampshire Road
Hampton Lane
Haverhill Street
Hillside Drive
Huckins Road
Huntress Bridge Road
Independence Drive
Kidder Drive
Liberty Lane
Little Knoll Circle
Loon Lake Road
Marina Road

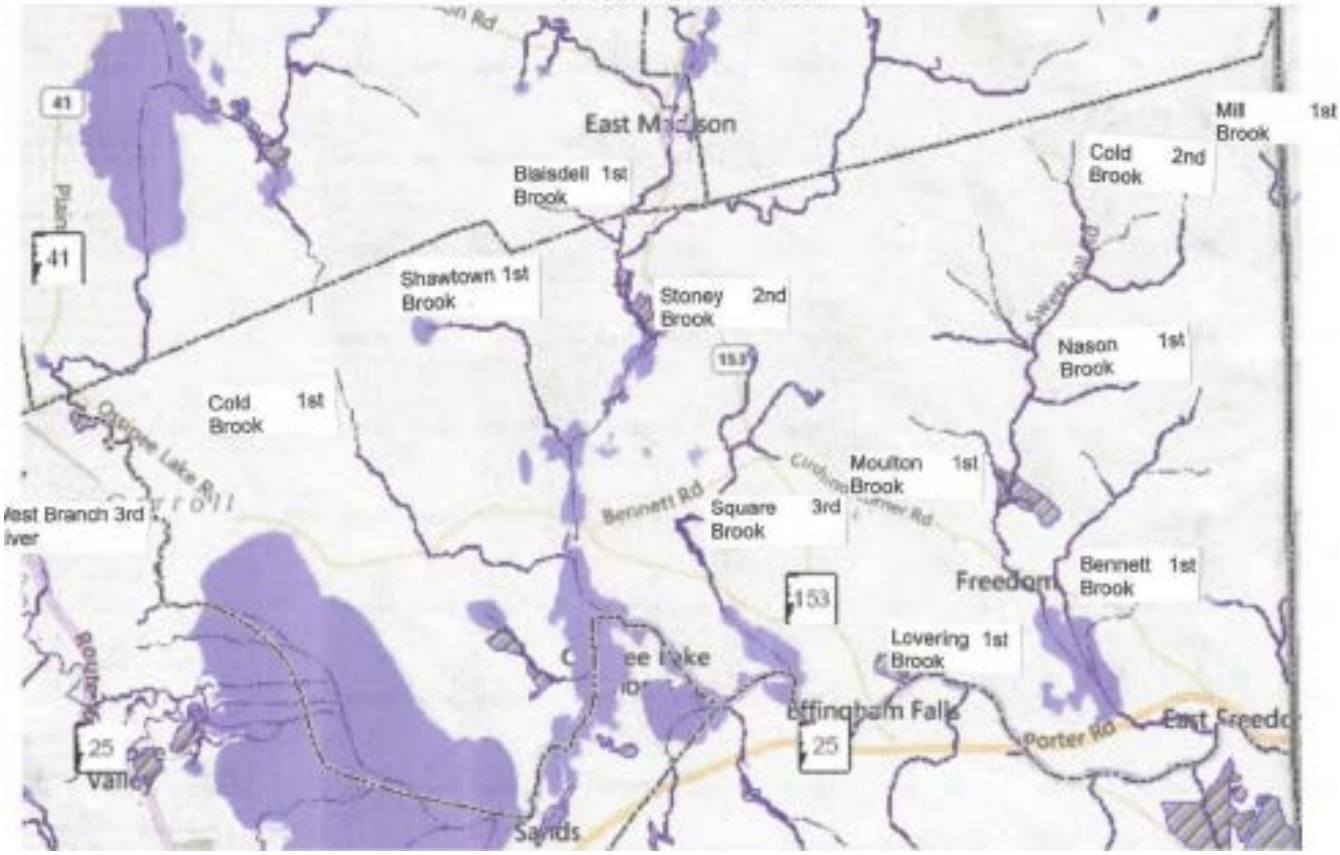
Town Roads

Moulton Road
Mudgett Drive
Nason Road
North Broad Bay Road
Old Stagecoach Road
Old West Ossipee Road
Olde Yankee Drive
Ossipee Lake Road
Packard Drive
Patriots Way
Paul Hill Road
Pauli Point Road
Pequawket Trail
Powder Horn Lane
Rice Hill Road
Round Pond Road
Scarboro Road
Shawtown Road
Sherwood Forest Way
Stoddard Lane
Swett Hill Road
W Danforth Road
Watson Hill Road
West Bay Road
York Lane
Youngs Hill Road

PERMITTED USES BY DISTRICT	VR	GR	RR	R/LC	SF
1. Single family dwelling	X	X	X	X	
2. Agriculture	X	X	X	X	
3. Forestry	X	X	X	X	
4. Produce Stand	X	X	X	X	
5. Water Storage Facility	X	X	X	X	
6. Residential Camping	X	X	X	X	
7. Elderly Housing	X	X	X	X	
8. Attached Accessory Dwelling Unit	X	X	X	X	
9. Minor Home Occupation Amended	X	X	X	X	
10. Wireless Telecom Service Facility	X	X	X	X	
11. Manufactured Housing		X	X	X	
12. Cluster Development		X			
13. Retail Store				X	
14. Automobile Service Station				X	
15. Office				X	
16. Outdoor Recreational Facility					X
17. Accessory use such as beach, dock, driveway					X
18. Erosion control for projects eligible for a permit by notification					X
19. Accessory use to a permitted use	X	X	X	X	

SPECIAL EXCEPTION USES	VR	GR	RR	R/LC	SF
1. Tourist home	X	X	X	X	
2. Major Home occupation	X	X	X	X	
3. Elderly group home	X	X	X	X	
4. Private school	X	X			
5. Church	X	X		X	
6. Office		X			
7. Clinic		X			
8. Community Building		X			
9. Hospital		X			
10. Hotel		X			
11. School		X			
12. Residence Camp		X	X		
13. Recreational Camping or Camping Park		X	X		
14. Outdoor Recreational Facility			X		
15. Animal Hospital			X		
16. Light Commercial					
17. Single-family Workforce Housing (Limited)		X	X	X	
18. Multi-family Workforce Housing				X	
19. Off-lot parking facility		X	X	X	
20. Marina					
21. Shore front common area					X
22. Erosion control for projects not eligible for a permit by notification					X
23. Cutting and removal of trees and natural vegetation					X
24. Accessory use to a permitted use	X	X	X	X	X

Freedom Streams forStormwater Management Plans



Waterbody	Order	Location
Bennett Brook	1st	headwater north of Scarboro Rd follows Scarboro Rd to Loon Lake
Blaisdell Brook	1st	headwater Blazo Mt to Stoney Brook to Upper Danforth
Cold Brook	2nd	headwater Cold Brook Rd to Loon Lake to Ossipee River
Cold Brook	1st	headwater north of town forest to Broad Bay
Lovering Brook	1st	Village Rd to Ossipee River
Mill Brook	1st	north of Rice Hill Rd to Bickford Pond
Moulton Brook	1st	joins Cold Brook at Moulton Rd to Loon Lake to Ossipee River
Nason Brook	1st	joins Cold Brook at Moulton Rd to Loon Lake to Ossipee River
Shawtown Brook	1st	headwater Trout Pond to Middle Danforth Pond
Square Brook	3rd	headwater Rt 153 to Berry Bay to Ossipee River
Stoney Brook	2nd	headwater Ben Hill to Upper Danforth
West Branch River	3rd	flows from Silver Lake into Ossipee Lake

Source: NH Fish and Game Topographical Maps

EXAMPLE Stormwater Management Plan

Creating a project plan allows you to take a comprehensive look at your property. Through thoughtful observation you can follow the path that stormwater flows through your property from its source to its ultimate endpoint. Once these details are identified, you can start planning where you might be able to install one or more of the stormwater practices described in this guide to intercept flow and soak up the rain. Finally, you can use the Residential Loading Model to calculate your property's stormwater footprint and the water quality benefit a stormwater practice would provide.

1. MAP YOUR PROPERTY

Map your property using an aerial photo or by hand using graph paper. Using a grid will help you draw your house, driveway, and other property features to scale. Other resources available to map your property include:

- Google Maps or other online imagery
- Municipal offices/web site - tax map, online GIS (if available)
- Approved septic system plan, if you have a septic system

HELPFUL TOOLS

Gather the following materials to help create your project plan.

- Measuring tape
- Ruler
- Calculator
- Shovel
- Bucket or waterproof container
- Paper and Pen
- Graph paper
- Tax map or aerial photo of your property with lot lines

Illustrations in Appendix B by Braden Drypolcher

EXISTING CONDITION

Map or sketch your property the way it currently exists (Figure 1). It is useful to make copies of your existing condition map to use to sketch different ideas for your planned future condition.

PLANNED CONDITION

Sketch proposed changes and property improvements such as building an addition, deck or storage shed, clearing trees to expand your lawn, or installing a stormwater practice, like a rain garden or rain barrel.

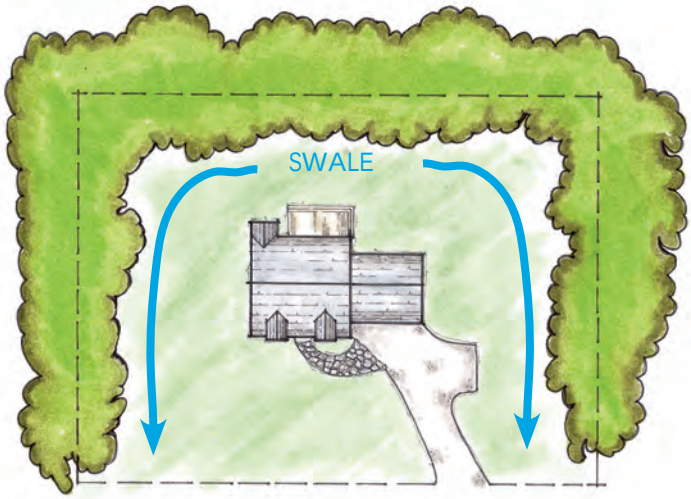


Figure 1. Example existing conditions map.

2. IDENTIFY PROPERTY DETAILS

Identify and record the following features of your property:

Lot Size

The size of your lot should be on your property tax assessment, the deed to your house, the purchase and sales agreement for your home, on your town's web site, or you can contact your town offices.

Break Down of Land Cover Types

Estimate the area of each land use type by doing the following.

Impervious Roof

Measure the length and width of your house, garage, and any other structure that has a roof and multiply to get the area (Figure 2).

Add the roof areas together to get the total impervious roof area for the property.

Other Hard Surfaces

Other hard surfaces include driveways, walkways, decks, patios, or other surfaces that prevent water from soaking into the ground. Measure the average length and average width of these areas and multiply to get the area (Figure 3).

Add the areas together to get the total other hard surfaces area for the property.

Lawn and Landscaped Areas

Lawn and landscaped areas include any areas with grass or gardens that you regularly maintain. Measure the average length and average width of each of these areas and multiple to get the area (Figure 4).

Add the areas together to get the total lawn/landscaped area. If your property has no natural or forested areas on it, you can simply subtract the impervious roof and other hard surface areas from your total lot size to get the lawn/landscaped area.

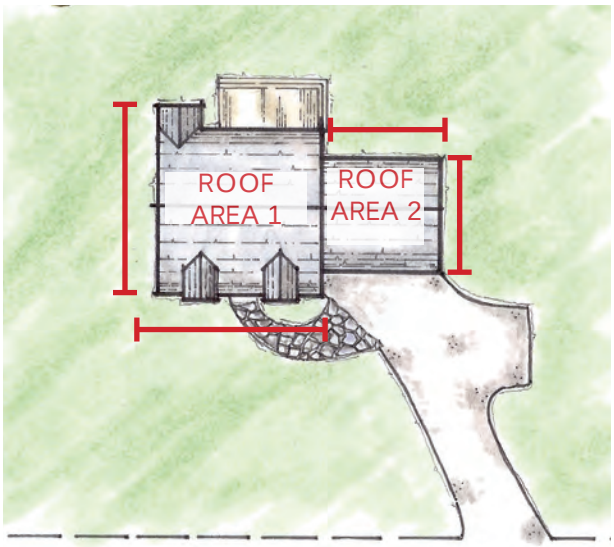


Figure 2. Measuring impervious roof areas.

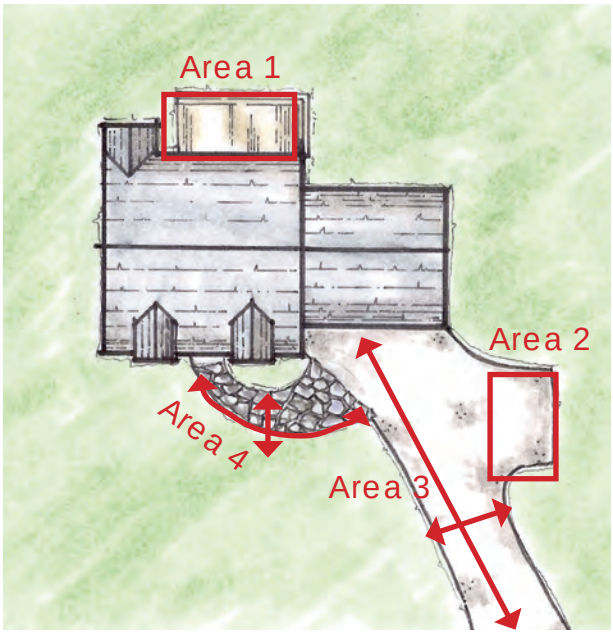


Figure 3. Measuring other hard surface areas.

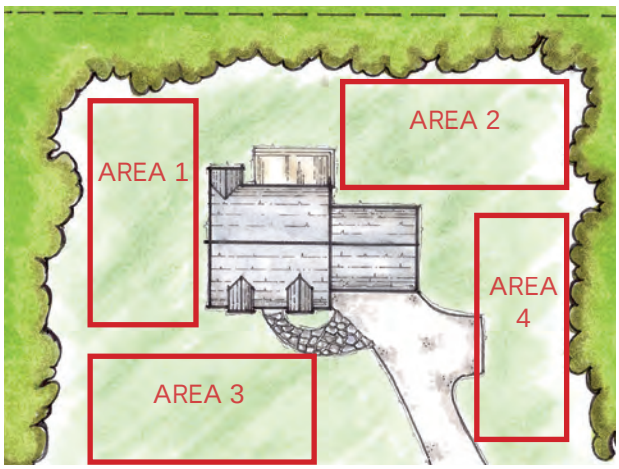


Figure 4. Measuring lawn areas.

Forested or Natural Areas

Forested and natural areas include any areas that are naturally vegetated and are not actively maintained. Measure the average length and width of these areas and multiply to get the area. Then add the areas together to get the total forested area.

Alternatively subtract the impervious roof, other hard surfaces, and lawn/landscaped areas from the total lot size to get the forested/natural area of your property.

Other Features

Roof Downspouts

If you have gutters on your house, follow them along the roof line to the downspouts. There may be more than one downspout on your house. Identify downspout locations and other areas, such as roof valleys where rain collects and runs off of your roof. This will help you plan the best placement for stormwater treatment practices to capture roof runoff.

Vegetated Buffer Areas

Identify vegetated buffer areas such as trees or other vegetated areas at the edge of your property boundary or around features on your property such as streams, wetlands, or steep slopes.

Steep Slopes & Other Vulnerable Areas

Identify any areas on your property with steep slopes and areas that regularly erode. Existing rills or gullies in the soil or exposed roots and rocks identify areas that may have erosion problems. Planting or allowing natural vegetation to grow along the top of the slope to create a buffer can protect against slope erosion.

Stormwater Treatment Practices

Identify any existing or planned stormwater treatment practices and their approximate location on your property.

Streams or Ponds

Identify any streams or ponds on or near your property. You can look up the water quality of those waterbodies to see if they have any existing pollution problems or impairments to consider in the New Hampshire Surface Water Quality Assessment at www.des.nh.gov/organization/divisions/water/wmb/swqa/index.

3. IDENTIFY HOW AND WHERE STORMWATER FLOWS

When rain hits the ground, it flows over and through your yard. Some of it finds places to soak into the ground or low spots to puddle, and the rest of it may run off of your property. Using the property maps that you created, you can estimate how and where stormwater runoff flows on your property by following the steps below.

1. Pretend you're a raindrop (or better yet, watch a real rain storm). Identify high points in your lawn or driveway. Observe the directions that water flows and the places where the water ends up (the stormwater endpoints). These could be places where water puddles, where it enters a catch basin, or where it enters or could enter a stormwater practice that you install.

2. Draw a boundary line on your project map around the area that drains to each stormwater endpoint. The boundary line represents the "drainage area" or watershed for each stormwater endpoint. For example, if all of the runoff from the back of your garage roof drains to a single gutter downspout, the roof is the drainage area to the stormwater endpoint at the downspout. And if the right side of your yard all drains toward the road, that is a separate drainage area. You can identify these drainage areas on your property map by drawing a line around their perimeters (Figure 5).

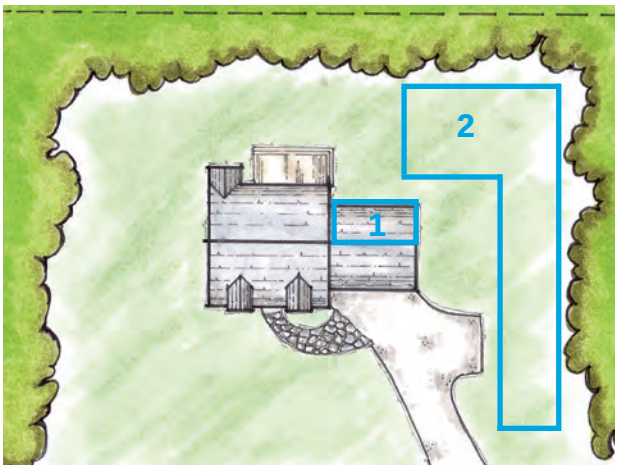


Figure 5. Draw the boundary lines (drainage areas) for stormwater endpoints.

3. To estimate the size of each drainage area measure the approximate length and width and multiply to get the area or, if you used grid paper to scale your map, you can count the squares within each boundary line.

4. ESTIMATE HOW MUCH STORMWATER RUNOFF YOUR PROPERTY CREATES

The roof and other hard surfaces (i.e., impervious areas) on your property create the most stormwater runoff. While lawns and landscaped areas contribute to the stormwater problem, managing the runoff that comes from impervious surfaces is the best way to reduce stormwater runoff and pollution.

To estimate the amount of stormwater runoff that your property creates, complete the following steps:

1. Add up all the areas of impervious roof and other hard surfaces (ft^2) that you identified in Step 2.

2. Most storms in New Hampshire produce 1" of rain or less. To determine the volume of stormwater created during a storm that produces 1-inch of rain, multiply the total area of impervious (from above) by 1-inch, then divide by 12. Keep in mind that some storms produce greater than an inch of runoff. Stormwater treatment practices could be oversized to reduce overflow or the practice could be designed to direct overflow to another treatment practice or a designated pervious area.

$$(\text{IMPERVIOUS AREA}_{total}\ ft^2) \text{ X } (1 \text{ inch} / 12) = \text{STORMWATER VOLUME } (ft^3)$$

5. SELECT A LOCATION, TEST THE SOIL, AND SELECT A STORMWATER PRACTICE

Refer to the Getting Started section of this guide on page 10 for instructions on selecting appropriate locations, testing the soils, and selecting a stormwater practice for your site.

6. PREPARE A PROJECT PLAN

Using a copy of your existing conditions map, create your project plan by combining all of your property details (from Step 2), how and where water flows (from Step 3), soil information and selection of location and stormwater practices (from Step 5) into one document. Include proposed changes and improvements to the property such as building new structures like a deck or storage shed, clearing trees to expand your lawn, or installing a stormwater practice, like a rain garden or rain barrel.

Chapter 4, The Landscape Design Process, from *Landscaping at the Water's Edge An Ecological Approach* provides detailed instructions for preparing a project plan.

7. ESTIMATE YOUR STORMWATER FOOTPRINT

Take your project one step further by using the NH Residential Loading Model to estimate your stormwater footprint.

The NH Residential Loading Model was developed by the NH Department of Environmental Services specifically for property owners to use to estimate the amount of sediment and nutrients, specifically phosphorus and nitrogen, running off of your property. This model can be used to:

- Calculate a property's "stormwater footprint", which is how much sediment, phosphorus, or nitrogen runs off of a property.
- Calculate the water quality benefit of installing stormwater treatment practices on your property.
- Compare the existing and planned future condition of your property with different stormwater treatment scenarios to see the difference in stormwater runoff volume and pollutant amounts.

The NH Residential Loading Model is available in a web-based format on the Winnipesaukee Gateway at http://winnipesaukeegateway.org/resources/phosphorus-calculator/ or in a spreadsheet format at www.des.nh.gov/organization/divisions/water/stormwater.