

Date: _____

Application #: _____



Town of Thornton • Office of the Selectmen • 16 Merrill Access Road • Thornton NH, 03285 • 603.726.8168

Application for Floodplain Development Permit

Zoning Compliance Application#	FIRM Panel #	FIRM Date
Applicant's Name		Owner's Name
Address		Address
Phone #		Phone #
Property Location		
Subdivision	Tax #	Parcel #

Description of Work (Check all applicable boxes)

A. *Structural Development*

Activity

- New Structure
- Addition
- Renovations/Repairs/
Maintenance

Structure Type

- Residential (1-4 Family)
- Residential (4+ Family)
- Non-Residential (Floodproofing? Yes)
- Manufactured Home

B. *Other Development Activities*

- Paving Grading Filling Mining
- Excavation (Except for Structural Development Checked Above)
- Watercourse Alteration (Including Dredging and Channel Modifications)
- Drainage Improvements (Including Culvert Work)
- Road, Street, Bridge Construction
- Subdivision (New or Expansion)
- Individual Water or Sewer System
- Other (Please describe) _____

Date: _____

Application #: _____

Application for Floodplain Development Permit

To be Completed by Local Administrator

Yes No

- Is the development located in a Special Flood Hazard Area?
If yes, complete below:
 - a. FIRM Panel No. _____ FIRM Date: _____ Flood Zone: _____
 - b. Base Flood Elevation: _____ feet NGVD29 NAVD88 BFE not available
- Substantial Improvement Determination**
 - a. Cost of Improvement/Cost to Repair: \$ _____
 - b. Present Market Value of Structure: \$ _____
 - c. Ratio of Cost to Market Value: _____ %

Is the development a substantial improvement? (50% or greater)

All applicable Federal and State permits received? Cannot issue floodplain permit until all are received.

Additional Information Required

To be Completed by Local Administrator

The applicant must submit the documents checked below before the application can be processed.

- A Site Plan showing the location of all existing and proposed structures, water bodies, adjacent roads, lot dimensions, 100-year floodplain boundary, and proposed development.
- Development plans, drawn to scale, including where applicable: details for anchoring structures, types of flood damage-resistant materials used below the first floor, details of floodproofing of utilities located below the first floor, and details of enclosures below the first floor.
- A certified and completed Elevation Certificate that includes the proposed elevation of lowest floor (including basement). Applicant must submit the Elevation Certificate before construction (based on construction drawings), when building is under construction (before lowest floor is completed), and when construction is finished (as-built elevations).
- A certified and completed Floodproofing Certificate for floodproofed non-residential structures.
- For substantial improvements, the actual costs of construction (include all applicable costs including volunteer labor and donated supplies) and Pre-Improvement/Damage Market Value of only the structure (market appraisal or adjusted assessed value before improvement or, if damaged, before the damage occurred).
- Subdivision or other development plans. (If the subdivision is greater than 50 lots or 5 acres, whichever is lesser, the applicant must provide the Base Flood Elevation in the plans).
- Plans showing the extent of watercourse relocation and/or landform alteration.
- Other: _____

Reviewed by: _____

Date

Approved by Board of Selectmen: _____

Date

Summary of Thornton's Floodplain Development Regulations

The following is a brief summary of the key floodplain development regulations in the Town of Thornton. For the complete and detailed regulations please review Article XIV of the Thornton Zoning Ordinance pertaining to all development located in the Special Flood Hazard Areas (SFHA) as shown on FEMA's Flood Insurance Rate Map for the Town of Thornton.

- **Permitting.** A permit from the Board of Selectmen is required for all development in a SFHA. Development includes any man-made changes to improved or unimproved real estate, such as filling, dredging, grading, storage of materials, etc.
- **Certification.** The following certification is required for all new construction and substantial improvements in a SFHA: the as-built elevation of the lowest floor (including a basement); and if a non-residential structure has been floodproofed, the as-built elevation to which the structure was floodproofed and a floodproofing certificate.
- **Utilities.** Electrical, heating, ventilation, plumbing, and air conditioning equipment (including duct work), and other service facilities must be located above the BFE (if known) or be designed to be protected from flood waters.
- **Other Permits.** A permit cannot be issued by the Board of Selectmen for a development in a SFHA until all other necessary permits have been received by federal and state agencies.
- **Construction Requirements.** All new construction or substantial improvements in a SFHA shall be designed (or modified) and adequately anchored; be constructed with flood damage-resistant materials; and be constructed by methods and practices that minimize flood damages.
- **Basements.** For floodplain development purposes, a basement is an enclosure that is below ground level on all sides. A crawl space area might be considered a basement if it meets this definition. No basements are allowed in Zone A.

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

OMB No. 1660-0008
 Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.		Company NAIC Number:
City	State	ZIP Code
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) _____		
A5. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number _____		
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) _____ sq ft		a) Square footage of attached garage _____ sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in		c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number			B2. County Name		B3. State
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input type="checkbox"/> No Designation Date: _____ / _____ / _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input type="checkbox"/> Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.	
C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: _____ Vertical Datum: _____ Indicate elevation datum used for the elevations in Items a) through h) below. <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____ Datum used for building elevations must be the same as that used for the BFE.	
Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor) _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only) _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab) _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG) _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG) _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support _____ . _____	<input type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION			
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.			
<input type="checkbox"/> Check here if comments are provided on back of form.		Were latitude and longitude in Section A provided by a licensed land surveyor? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Check here if attachments.			
Certifier's Name		License Number	
Title	Company Name		
Address	City	State	ZIP Code
Signature	Date	Telephone	

PLACE
 SEAL
 HERE

ELEVATION CERTIFICATE, page 2

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	ZIP Code	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments

Signature

Date

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ . _____ feet meters above or below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ . _____ feet meters above or below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ . _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ . _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ . _____ feet meters above or below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name

Address

City

State

ZIP Code

Signature

Date

Telephone

Comments

Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
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G7. This permit has been issued for: New Construction Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ . _____ feet meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ . _____ feet meters Datum _____

G10. Community's design flood elevation: _____ . _____ feet meters Datum _____

Local Official's Name

Title

Community Name

Telephone

Signature

Date

Comments

Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or PO. Route and Box No.			Policy Number:
City	State	ZIP Code	Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

BUILDING PHOTOGRAPHS
Continuation Page

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	ZIP Code	Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.