



State of Vermont
Hazard Mitigation Grant Program
Project Application



	FEMA- DR- 4720	VT	Date Submitted to VEM:	12/5/23
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Part 1:	Applicant Information
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Applicant Name: <i>(Eligible Applicant i.e. local government, state agency, non-profit)</i>	Town of Richmond
County:	Chittenden
Project Title:	Elevation and Mitigation of 65 Esplanade in Richmond

Primary Contact Information

Name:	Stefani Hartsfield		
Title:	Property Owner		
Organization:			
Mailing Address:	65 Esplanade St. Richmond, VT 05477		
Work Phone Number:	802-355-6608	Fax Number	
Email	hartsfield3@gmail.com		

Secondary Contact Information

Name:	Josh Arneson		
Title:	Town Manager		
Organization:	Town of Richmond Vermont		
Mailing Address:	PO Box 285, Richmond, VT 05477		
Work Phone Number:	802-434-5170	Fax Number	802-329-2011
Email	jarneson@richmondvt.gov		

Fiscal Agent Contact Information

Name:	Connie Bona		
Title:	Finance Director		
Organization:	Town of Richmond Vermont		
Mailing Address:	PO Box 285, Richmond, VT 05477		
Work Phone Number:	802-336-2094	Fax Number	
Email	cbona@richmondvt.gov		

Federal Tax ID #	03-6000646	DUNS #	019336999	Fiscal Year (Start-End)	July 1 - June 30
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Part 2:	Local Plan Compliance
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Do you have a current Local Emergency Operations Plan on file with your Regional Planning Commission? If you are unsure, you can find out here under ERAF Summary Sheet: http://floodready.vermont.gov/assessment/community_reports	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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Has the municipality adopted bylaws to accomplish any or all of the following: (not required)	1. Limit new encroachments in Flood Hazard Areas?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Limit new encroachments in River Corridors?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	3. Adopt regulations to reduce vulnerability to other natural (non-flood) hazards?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Does Town Have a Currently Approved Local Hazard Mitigation Plan (LHMP)?					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If Yes:			If No:			
Name of Local Hazard Mitigation Plan: <i>(Regional, County or Town)</i>		2022 Chittenden County All Hazards Multi-Jurisdictional Hazard Mitigation Plan		Town Commits to Securing a FEMA-Approved LHMP Within 12 Months of HMGP Submittal to FEMA.		<input type="checkbox"/> Yes
Is Project Supported by LHMP?		Yes				
Has the municipality taken any other measures to reduce vulnerability? (e.g. adopt regulations to reduce vulnerability to other natural hazards, studied the site, etc.)						
Part 3:		Problem Description				
Problem Statement: <i>(What's Happening?)</i> NOTE: Include description of prior actions taken to remedy, study, or alleviate the problem, and their results.		This is a home that is located in the Special Flood Hazard Area. Its first floor of finished living space is at an elevation of 311.97 which is 1.37 feet above the BFE of 310.6 feet. (Base Flood Elevation) and the basement is 6.76 feet below BFE. The Town's zoning regulations require the lowest floor for new construction be at least one foot above BFE (Section 6.8.16 (e) 2. The home's basement was filled with water due to flooding in July 2023, and the home suffered damaged to the foundation, structure and mechanical systems.				
Location of Project:		44.402828	Longitude:	72.997189	<i>(in decimals)</i>	
History of Damages						
Date	Event	Description of Direct Damages	Description of Indirect Damages		Cost of Damage	
8/11/2011	Tropical Storm Irene	Flooded basement				
					Total Damage	\$0.00
Part 4:		Project Objective				
Project Objective <i>(What will your project fix and how?)</i>		Home Elevation. The objective is to elevate a Richmond Home in the Special Flood Hazard Area to 313 feet which is 2.4 feet above Base Flood Elevation (BFE). Currently, the first floor of finished living space is 1.37 feet above BFE. (Base Flood Elevation) and the basement is 6.76 feet below BFE. For new construction, the town of Richmond Zoning Regulations stipulates that the Lowest Floor be at least one foot above BFE (Section 6.8.16 e) 2. Development Standards). Elevating this house 1.03 feet will result in the lowest floor being 2.4 feet above BFE. Home will be elevated to prevent damage do foundation, structure and mechanicals.				

Part 5:	Analysis of Alternative Solutions
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Alternative Solutions		
Alternative Solution	Brief Title	Description of Alternative
1 (Preferred Alternative)	Elevation	Elevation of the home to 2.4 Feet above BFE.
2 (alternate solution)	Relocation	Relocation on the current lot is not possible as the current lot is completely below the BFE.
3	No Action	No Action

Please attach supporting documentation for alternatives analysis, if available

Preferred Alternative	
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Preferred Alternative:	Elevation is the only viable solution. It is cost effective to elevate and leave it on the existing footprint.
Justification:	Relocation on existing lot is not possible due to lot being entirely below BFE.

Part 6:	Project Description (for the Preferred Alternative)
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Project Description (Include project specifications: addresses, culvert dimensions, generator specs, etc.)	<p>This house will be elevated so that the lowest floor is 2.4 feet above Base Flood Elevation. The subgrade area (basement) will be eliminated and the foundation will be reconstructed with a slab with footings and an unfinished, vented crawlspace. New footings will need to be poured and a concrete slab; the house does not currently have a concrete slab.</p> <p>Minimum space requirements for each utility previously located in the basement will be added to exiting the footprint of the house in the form of a small, utility space. The slab will be increased by the code required minimum space requirements for each utility as defined by Vermont building codes and the International Mechanical code. All current code requirements (Vermont building code and the International Mechanical codes) for properly and safely re-locating existing utilities, including vents will be followed.</p>
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Expected Life of Project (Please click here for this number - on last page of document)	Permanent
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Will any trees be removed as part of this project?	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	If yes, how many and what species?
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Project Timeline (for the Preferred Alternative)		
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Task Description (Describe the individual tasks that will be completed)	Months to Complete	
Securing Engineer for Project	2	Months
Project Development, drawings, utility design, Engineering	2	Months
Securing Contractor for Project	2	Months
Project Mobilization and Construction	4	Months
		Months
		Months
		Months
Total Time Planned for Completion of Project	10	Months

Part 7:	Additional Application Documentation Checklist		
Required Application Forms (Attach with Application)			
Click here to access forms	Project Type (Only forms with check boxes are required)		
	Planning & 5% Projects	Infrastructure Projects	Acquisition/Demo Projects
Historic Preservation Project Review Cover Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assurances and Certifications, Form 20-16 A, B, C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25% Match Commitment Letter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Detailed Narrative Scope of Work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance Agreement	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Digital Photos of Project Site/Area	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Tax/Lister Card of Buildings in Project (Showing Year Built)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
FEMA Model Statement of Assurances	N/A	N/A	<input type="checkbox"/>
FEMA Declaration and Release Form	N/A	N/A	<input type="checkbox"/>
Statement of Voluntary Participation	N/A	N/A	<input type="checkbox"/>
Hazardous Materials Survey	N/A	N/A	<input type="checkbox"/>
Duplication of Benefits Affidavit	N/A	N/A	<input type="checkbox"/>
FEMA Model Deed Restriction	N/A	N/A	<input type="checkbox"/>
Maps: (Clearly Mark Project Location & Identify Adjacent Roads and Bodies of Water)			
Local General Highway Map	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood Insurance Rate Map (FIRM) with panel number	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Topographic Map	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Parcel Map	N/A	N/A	<input type="checkbox"/>
Equipment Staging Area (aerial)	N/A	<input type="checkbox"/>	<input type="checkbox"/>

Cost Effectiveness						
	Project Type (Only forms with check boxes are required)					
	Planning & 5% Projects	Infrastructure Projects	Elevation with BCA Exemption: Project is in SFHA and Costs Less Than \$175,000	Acquisition with BCA	Acquisitions with BCA Exemption: Substantial Damage	Acquisitions with BCA Exemption: Project is in SFHA and Costs Less Than \$276,000
Name of Form		Infrastructure Project with BCA <input type="checkbox"/>				
Benefit-Cost Analysis (BCA), with Supporting Documentation, and BCA Memo (<i>explaining assumptions made and data used</i>)	N/A		N/A	<input type="checkbox"/>	N/A	N/A
Substantial Damage Letter	N/A	N/A	N/A	N/A	<input type="checkbox"/>	N/A
Budget Showing Total Project Costs Less Than \$175,000 (Elevation)/\$276,000 (Acquisition)	N/A	N/A	<input type="checkbox"/>	N/A	N/A	<input type="checkbox"/>
FIRM Showing Project is in SFHA	N/A	N/A	THIS <input type="checkbox"/>	N/A	<input type="checkbox"/>	THIS <input type="checkbox"/>
Elevation Data Showing FFE is near or below BFE	N/A	N/A	OR THIS <input type="checkbox"/>	N/A	N/A	OR THIS <input type="checkbox"/>
A narrative description of the project's cost effectiveness in lieu of a conventional benefit-cost analysis.	<input type="checkbox"/>	N/A	N/A	N/A	N/A	N/A
A brief explanation of whether there is a reasonable expectation that future damage or loss of life and	<input type="checkbox"/>	N/A	N/A	N/A	N/A	N/A
Supporting Documentation (Only Include if Applicable to Project)						
<input type="checkbox"/>	Site Plan, including equipment staging location					
<input type="checkbox"/>	Engineering Information to Support Project Design (Hydrology and Hydraulics Analysis, Project Design Description, etc.)					
<input type="checkbox"/>	Project Plan (Informal But Detailed Project Drawings, Engineering Drawings, etc.)					
<input type="checkbox"/>	Elevation Certificate					
<input type="checkbox"/>	Endorsement of Project Design From the Local VTrans District Technician or ANR Stream Alteration Engineer					
<input type="checkbox"/>	Confirmation From the Local ANR Stream Alteration Engineer or ANR Floodplain Manager that the Proposed Project Conforms to No Adverse Impact Standards in the State Flood Hazard Area & River Corridor Rule and the State Stream Alteration Rule					
<input type="checkbox"/>	Letter(s) of Support (Not Required)					

Part 8:	Project Costs (for the Preferred Alternative)
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Project Costs for Preferred Alternative
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Elevation, Buyout & Public Infrastructure Applications: Attach a professional estimate to support any contracted cost figures in your budget

Item	Category (drop-down)	Unit Qty.	Unit Measurement	Unit Cost	Cost Estimate
Engineering	Contractual	1	1	10000	\$10,000.00
Elevation of Structure	Contractual	1	1	212750	\$212,750.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Total Project Cost					\$222,750.00

Summary of Project Costs

A		Total Project Costs	\$222,750.00
B		FEMA Share (75% of Line A)	\$167,062.50
C		Local Share (25% of Line A)	\$55,687.50

Identify source of local non-federal match:	Homeowner
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Please note, if this project is awarded, the subgrantee will be required to submit monthly financial and quarterly programmatic reports

Part 9:	Authorized Signature	
I certify that I am the authorized agent for the applicant and have responsibility for the development and completion of this application and all the information contained herein is true and accurate.		
<i>Authorized Agent's Signature / Title</i>		<i>Date</i>
<p>Please submit a copy of the application in both hard copy (color preferred) and a scanned version in Adobe PDF to:</p> <p>Stephanie A. Smith, State Hazard Mitigation Officer Vermont Emergency Management 45 State Drive Waterbury, VT 05671 stephanie.a.smith@vermont.gov</p>		

U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
SUMMARY SHEET FOR ASSURANCES AND CERTIFICATIONS

O.M.B. No. 1660-0025
Expires July 31, 2007

FOR
FY 2024

CA FOR (Name of Recipient)
Town of Richmond

This summary sheet includes Assurances and Certifications that must be read, signed, and submitted as a part of the Application for Federal Assistance.

An applicant must check each item that they are certifying to:

- Part I FEMA Form 20-16A, Assurances-Nonconstruction Programs
- Part II FEMA Form 20-16B, Assurances-Construction Programs
- Part III FEMA Form 20-16C, Certification Regarding Lobbying; Debarment, Suspension, and Other Responsibility Matters; and Drug-Free Workplace Requirements
- Part IV SF LLL, Disclosure of Lobbying Activities *(If applicable)*

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the identified attached assurances and certifications.

Josh Arneson

Typed Name of Authorized Representative

Town Manager

Title



Signature of Authorized Representative

11/29/23

Date Signed

NOTE: By signing the certification regarding debarment, suspension, and other responsibility matters for primary covered transaction, the applicant agrees that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by FEMA entering into this transaction.

The applicant further agrees by submitting this application that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the FEMA Regional Office entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. (Refer to 44 CFR Part 17.)

Paperwork Burden Disclosure Notice

Public reporting burden for this form is estimated to average 1.7 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing, reviewing, and maintaining the data needed, and completing and submitting the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington DC 20472. You are not required to complete this form unless a valid OMB control number is displayed in the upper corner on this form. **Please do not send your completed form to the above address.**

U.S DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
ASSURANCES-NONCONSTRUCTION PROGRAMS

*O.M.B. No. 1660-0025
Expires July 31, 2007*

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NOTE:

Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (*including funds sufficient to pay the non-Federal share of project costs*) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. Section 4727-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P. L. 88-352) which prohibits discrimination on the basis of race, color, or national origin; (b) Title IV of the Education Amendments of 1972, as amended (20 U.S.C. Sections 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. Section 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. Sections 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970, (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) Sections 523 and 527 of the Public Health Service Act of 1912, (42 U.S.C. 290-dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Acts of 1968 (42 U.S.C. Section 3601 et. seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provision in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Title II and III of the Uniformed Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provides for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or Federally assisted programs. These requirements apply to all interest in real property acquired for project purposes regardless of Federal participation in purchase.
8. Will comply with provisions of Hatch Act (5 U.S.C. Sections 1501-1508 and 7324-7328) which limit the political activities of employees whose principle employment activities are funded in whole or in part with Federal funds.
9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. Sections 276a to 276a-7) the Copeland Act (40 U.S.C. Section 276c and 18 U.S.C. Sections 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. Sections 327-333), regarding labor standards for federally assisted construction subagreements.
10. Will comply, if applicable with flood insurance purchase requirements of Section 102a of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. Sections 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176 (c) of the Clear Air Act of 1955, as amended (42 U.S.C. Section et seq.); (g) protection underground sources of drinking water under Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
12. Will comply with the wild and Scenic Rivers Act of 1968 (16 U.S.C. Sections 1271 et seq.) related to protecting components of the national wild and scenic rivers systems.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. Sections 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.
19. It will comply with the minimum wage and maximum hours provisions of the Federal Fair Labor Standards Act (29 U.S.C. 201), as they apply to employees of institutions of higher education, hospitals, and other non-profit organizations.

U. S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
ASSURANCES-CONSTRUCTION PROGRAM

O.M.B. No. 1660-0025
Expires July 31, 2007

PAPERWORK BURDEN DISCLOSURE NOTICE

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NOTE"

Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain federal assistance awarding agencies may require applicants to certify additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (*including funds sufficient to pay the non-Federal Share of project cost*) to ensure proper planning, management, and completion of the project described in this application.
2. Will give the awarding agency, the comptroller General of the United States, and if appropriate, the States, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a paper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or state.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with Intergovernmental Personnel Act of 1970 (42 U.S.C. Sections 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statues or regulations specified in Appendix A of OPM's standards for a Merit System of Personnel Administration (5 C.F.R. 900-subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. Sections 4801-et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statues relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. Sections 1681-1683, and 1685-1686) which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. Sections 794) which prohibits discrimination on the basis of; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. Sections 6101-61-7) which prohibits discrimination on the basis of age; (e) the Drug Abuse Office Treatment Act of 1972 (P.L. 93-255), as amended, relating to non-discrimination on the bases of abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the bases of alcohol abuse or alcoholism; (g) Sections 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. Sections et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) and other non-discrimination provisions in the specific statues(s) under which application for Federal assistance is being made, and (j) the requirements on any other non-discrimination Statues(s) which may apply to the application.
11. Will comply, or has already complied, with the requirements of Title II and III of the Uniform Relocation Assistance and Real Property Acquisition policies Act of 1970 (P.L. 91-646) which provides for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and Federally assisted programs. These requirements apply to all interest in real property acquired for project purpose regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. Sections 1501-1508 and 7324-7328) which limit the political activities of employment activities are funded in whole or impart with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. Sections 27a to 276a-7), the Copeland Act (40 U.S.C. Section 276c and 18 U.S.C. Section 874), the Contract Work Hours and Safety Standards Act (40 U.S.C. Sections 327-333) regarding labor standards for Federally assisted construction subagreements.

14. Will comply with the flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance in the total cost of insurable construction and acquisition is \$ 10,000 or more.

15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (E.O.) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management programs developed under the Coastal Zone Management Act of 1973 (16 U.S.C. Sections 1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementations Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. Section 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); (H) Protection of Endangered species Act of 1973, as amended, (P.L. 93-205).

16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. Sections 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.

17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and preservation of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 46s-1 et seq.).

18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.

19. Will comply with all applicable requirements of all other Federal laws, Executive Orders, regulations and policies governing this program.

20. It will comply with the minimum wage and maximum hours provisions of the Federal Fair Labor Standards Act (29 U.S.C. 201), as they apply to employees of institutions of higher education, hospitals, and other non-profit organizations.

21. It will obtain approval by the appropriate Federal agencies of the final working drawings and specifications before the project is advertised or placed on the market for bidding; that it will construct the project, or cause it to be constructed, to final completion in accordance with the application and approved plans and specifications; that it will submit to the appropriate Federal agency for prior approval changes that alter the cost of the project, use of space, or functional layout; that it will not enter into a construction contract(s) for the project or undertake other activities until the conditions of the construction grant program(s) have been met.

22. It will operate and maintain the facility in accordance with the minimum standards as may be required or prescribed by the applicable Federal, State, and local agencies for the maintenance and operation of such facilities.

23. It will require the facility to be designed to comply with the "American Standard Specifications for Making Buildings and Facilities Accessible to, and Usable by, the Physically Handicapped," Number A117-1961, as modified (41CFR 101-17.703). The applicant will be responsible for conducting inspections to ensure compliance with these specifications by the contractor.

24. If any real property or structure thereon is provided or improved with the aid of Federal financial assistance extended to the applicant, this assurance shall obligate the applicant, or in the case of any transfer of such property, any transferee, for the period during which the real property or structure is used for a purpose for which the Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits.

25. In making subgrants with nonprofit institutions under this Comprehensive Cooperative Agreement, it agrees that such grants will be subject to OMB Circular A-122, "Cost Principles for Non-profit Organization" including but not limited to, the "Lobbying Revision" published in vol 49, Federal Register, pages 18260 through 18277 (April 27, 1984).

U. S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
**CERTIFICATIONS REGARDING LOBBYING; DEBARMENT, SUSPENSION AND
OTHER RESPONSIBILITY MATTERS; AND DRUG-FREE WORKPLACE REQUIREMENTS**

*O.M.B. No. 1660-0025
Expires July 31, 2007*

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1.7 hours per response. The burden estimate includes the time for reviewing instructions and searching existing data sources, gathering and maintaining the data needed and completing, and submitting the form. You are not required to respond to this collection of information unless a valid OMB control number appears in the upper right corner of this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, Paperwork Reduction Project (1660-0001). **NOTE: Do not send your completed form to this address.**

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature of this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying" and 28 CFR Part 17, "Government-wide Debarment and Suspension (Nonprocurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Federal Emergency Management Agency (FEMA) determines to award the transaction, grant, or cooperative agreement.

1. LOBBYING

As required by section 1352, Title 31 of the U.S. Code, and implemented at 44 CFR Part 18, for persons entering into a grant or cooperating agreement over \$ 100,000, as defined at 44 CFR Part 18, the applicant certifies that:

(a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement.

(b) If any other funds than Federal appropriated funds have been paid or will be paid to any other person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or an employee of Congress, or employee of a member of Congress in connection with this Federal Grant or cooperative agreement, the undersigned shall complete and submit Stand Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions

(c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontracts) and that all subrecipients shall certify and disclose accordingly.

Standard Form-LLL "Disclosure of Lobbying Activities" attached
(This form must be attached to certification if nonappropriated funds are to be used to influence activities.)

2. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS (DIRECT RECIPIENT)

As required by Executive Order 12549, Debarment and Suspension, and implemented at 44 CFR Part 67, for prospective participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17.510-A. The applicant certifies that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three-year period preceding this application been convicted of a or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or perform a public a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1) (b) of this certification; and

(d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause of default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

**3. DRUG-FREE WORKPLACE
(GRANTEE OTHER THAN INDIVIDUALS)**

As required by the Drug-Free Workplace Act of 1988, and implemented at 44 CFR Part 17, Subpart F, for grantees, as defined at 44 CFR Part 17.615 and 17.620-

A. The applicant certifies that it will continue to provide a drug-free workplace by;

(a) Publishing a statement notifying employees that the unlawful manufacture, distributions

(b) Establishing an on-going drug free awareness program to inform employees about-

- (1) The dangers of drug abuse in the workplace;
- (2) The grantee's policy of maintaining a drug-free workplace;
- (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
- (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a);

(d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will-

(1) Abide by the term of the statement; and

(2) Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring on the workplace no later than five calendar days after such convictions;

(e) Notifying the agency, in writing, with 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position, title, to the applicable FEMA awarding office, i.e., regional office or FEMA office.

(f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is convicted-

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation act of 1973, as amended; or

(2) Requiring such an employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;

(g) Making a good faith effort to continue to maintain a drug free workplace through implementation of paragraphs (a),(b),(c),(d),(e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, City, County, State, Zip code)

Check If there are workplaces on file that are not identified here.

Section 17.630 of the regulations provide that a grantee that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for FEMA funding. States and State agencies may elect to use a state wide certification.

LOCAL MATCH COMMITMENT LETTER

11/29/2023

Town of Richmond
 PO Box 383
 Richmond, VT 05477

Hazard Mitigation Assistance (HMA) Sub-application Local Match Commitment Letter – Home Elevation at 65 Esplanade St.

Dear State Hazard Mitigation Officer:

As part of the Hazard Mitigation Assistance Program process, a local match funding commitment is required. This letter serves as the Town of Richmond’s commitment to meet the local match fund requirements for this grant.

Source of Local Match Commitment Funds:	Local Agency Funding <input type="checkbox"/>	Other Agency Funding <input type="checkbox"/>	Private Nonprofit Funding <input type="checkbox"/>	State Agency Funding <input type="checkbox"/>
--	--	--	---	--

Name of Local Match Commitment Funding Source:

Financial Match Source(s): Matching funds will be provided by the Hartsfields who are the owners of 65 Esplanade St.
In-Kind Match Source(s): Homeowners

If more than one funding source, list all entities and include amount for each. Example:

- Applicant's Name: \$10,000
- Property Owner Name: \$4,500

Total Project Cost:

\$222,750

Requested Federal Share (75%):

\$167,062.50

Local Match Commitment (25%):

\$55,687

We understand that in order for match to be accepted, it must be allowable, reasonable, allocable, consistently applied, and included in the approved budget. We are aware that appropriate documentation is required to record the cost match being provided. The records of all cash and in-kind contributions, including volunteer time will be documented.

We are aware that none of the cash or in-kind contributions can be paid from a federally funded source (including salaries) or currently being utilized as a cost match toward another federal grant.

Please contact Josh Arneson at 802-434-5170 or jarneson@richmondvt.gov with questions.

Sincerely,

<Add Signature of Authorized Agent>

Josh Arneson
Richmond Town Manager
802-434-5170
Jarneson@richmondvt.gov

DETAILED NARRATIVE SCOPE OF WORK

TO: STEPAHNIE SMITH, STATE HAZARD MITIGATION OFFICER

FROM: RICHMOND, VT

SUBJECT: DETAILED NARRATIVE -- SINGLE FAMILY HOME ELEVATION IN SPECIAL FLOOD HAZARD AREA

DATE: 11/29/23

CC: HOMEOWNER

Elevating Richmond Single Family Home in Special Flood Hazard Area

Core Purpose/Plan

This is a Home Elevation Project to elevate a Richmond Home in the Special Flood Hazard Area, so that its lowest floor is 2.4 feet above the BFE. Currently, the first floor of finished living space is at an elevation of 311.97 feet which is 1.37 feet above the BFE of 310.6 feet. (Base Flood Elevation) and the basement is 6.76 feet below BFE, so the house will be elevated for a total of 1.03 feet.

The subgrade area (basement) will be eliminated and the foundation will be reconstructed with a slab with footings and an unfinished, vented crawlspace. New footings will need to be poured and a concrete slab; the house does not currently have a concrete slab.

This project will not include any upgrades or improvements. The sole purpose of this project is to reduce future flood insurance risk by elevating the home 1.03 feet from its current level, resulting in the home being 2.4 feet above BFE (Base Flood Elevation).

Detailed Narrative on Elevation

1. Section 6.8.16 (e) 2 of the town of [Richmond's zoning regulations](#) requires the lowest floor be at least one foot above BFE. This design is to add 1.4 additional feet above community zoning regulations given the history of flooding at the house and provide more flood protection after the elevation. Elevating this house a full 1.03 which will exceed the town's zoning regulations for new construction by one 1.4 feet.
2. Existing Hazard

This location is not subject to other hazards including high winds, earthquakes, and other hazards.

3. Access

The front entry door to the house opens to a porch and the side entry door opens to a deck. Depending on final design either the porch and/or deck will be raised and the stairs extended or the porch and/or the deck will stay at the same elevation and stairs will be build from the new level of the doors to the porch and/or deck.

4. Home Size, Design, and Shape

This house is roughly 992 square feet with a very simple design.

From the town's listing card, it is easy to see that this is a small house.

5. Service Equipment –

To be clear, there will be no utility upgrades or improvements included in this project.

The only area that may require new “lines” are the electrical lines and/or the plumbing lines. Since electrical and plumbing lines will be completely redirected, in some cases, existing material may not conform to code requirements and, in some cases, new electrical or plumbing lines may be installed. However, this will only be done to ensure that all work conforms with current code requirements, including all code related vertical and horizontal clearances.

The existing utilities will be relocated to the first floor of the property.

Since the house is small, there is no available space in the existing footprint for the utilities that are currently stored in the basement.

To safely relocate the basement utilities, all code requirements will be followed. Minimal additional footprint to the first floor of the house will be added, as defined by the minimum code required vertical and horizontal clearances for each individual utility.

6. The Elevation Techniques –

Per FEMA's guidance, this home will be elevated using a slab with footings and foundation wall.

The house does not currently have a slab, so a new slab will need poured.

A licensed engineer will provide a drawing and plans for this home elevation prior to bidding out the project.

MAINTENANCE AGREEMENT

The Town of Richmond, State of Vermont, hereby agrees that if it receives any Federal aid as a result of the said project application, 65 Esplanade St, Richmond, VT it will accept responsibility , at its own expense if necessary, for the **routine** maintenance of any real property, structures, or facilities acquired or constructed as a result of such Federal aid. Routine maintenance shall include, but not be limited to, such responsibilities as keeping vacant land clear of debris, garbage, and vermin; keeping stream channels, culverts, and storm drains clear of obstructions and debris; and keeping detention ponds free of debris, trees, and woody growth.

The purpose of this agreement is to make clear the Subgrantee's maintenance responsibilities following project award and to show the Subgrantee's acceptance of these responsibilities. It does not replace, supersede, or add to any other maintenance responsibilities imposed by Federal law or regulation and which are in force on the date of project award.

Signed by: _____
(printed or typed name of signing official),

the duly authorized

(title)

of _____
(name of applicant)

This _____ (day) of _____ (month), _____ (year).

Signature: _____

Appendix A
Inspection Photos



Picture 1: Front (north) elevation.



Picture 2: Right side (west) elevation.



Picture 3: Rear (south) elevation. (Basement drain pipe discharge on left.)



Picture 4: Left side (east) elevation.

Property Database | Richmond, VT

Official copies of data must be obtained at the Richmond Town Office.

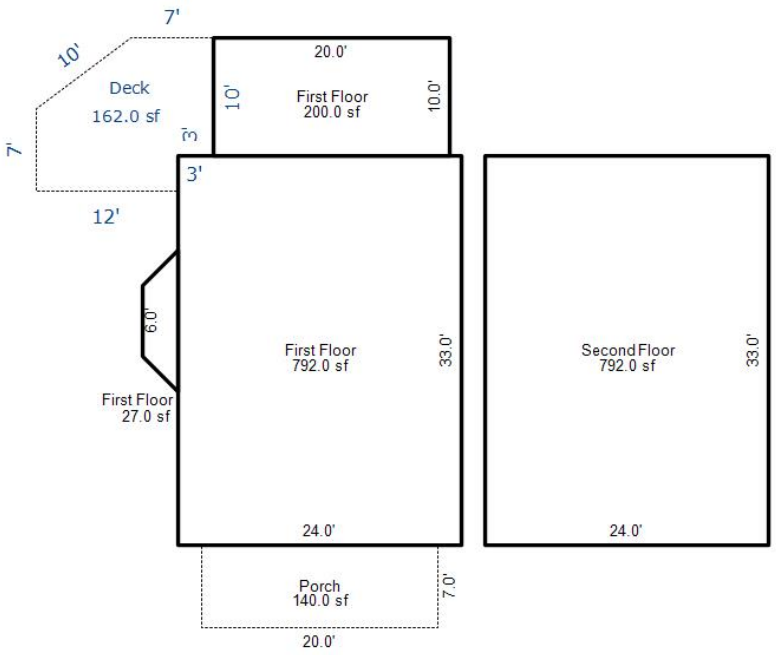
Owner Information		Parcel Value Information	
Parcel	ES0065	Prior to Reappraisal	
Owner	HARTSFIELD, KYLE & STEFANI	Land Value	49,500
	65 ESPLANADE	Dwelling Value	150,800
	RICHMOND, VT 05477	Site Imprvmt	15,000
Location	65 ESPLANADE	Outbuildings	
Descr	DWEL	Total	215,300
Parcel Information			
NBHD	1		
Acres	0.32		
Sales Information			
Book	140	Sale Date	2003-03-25
Page	736-737	Sale Price	190,000

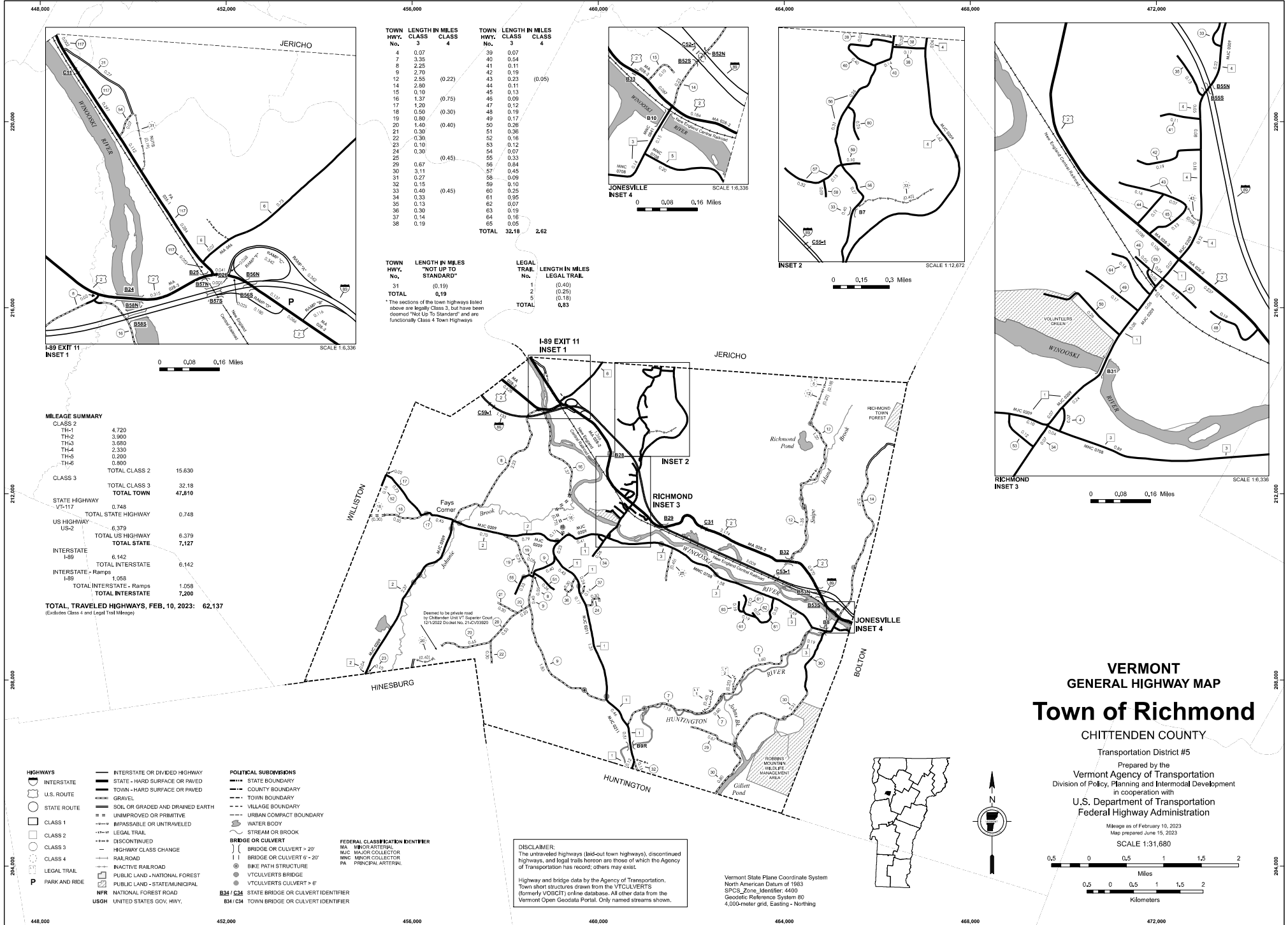
BUILDING	Total Rooms	7	Year Built	1880	Building SF	1811	Energy Adj	Average	Roughins	1
	Bedrooms	3	Effect Age	40	Quality	3.00	Bsmt Wall	Stone	Plumb Fixt	8
	Full Baths	2	Condition	Average	Style	2 Story	Bsmt SF	807	Fireplaces	
	Half Baths		Phys Depr	20	Design	Two Story	Bsmt Fin	UnFinsh	Porch	299
	Kitchens	1	Funct Depr	5	Bldg Type	Single	Bsmt Fin SF		Gar/Shed	
			Econ Depr							

Notes

LAND	Type	Bldg Lot	Area	0.32	Grade	0.75
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Sketch

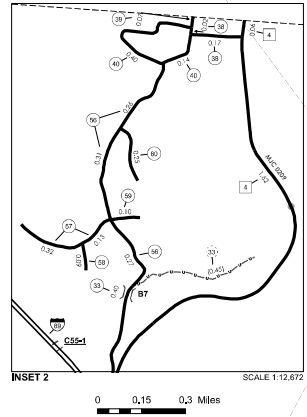
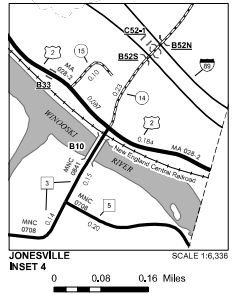




TOWN HWY. No.	LENGTH IN MILES CLASS 3	LENGTH IN MILES CLASS 4	TOWN HWY. No.	LENGTH IN MILES CLASS 3	LENGTH IN MILES CLASS 4
4	0.07		39	0.07	
7	3.35		40	0.54	
8	2.25		41	0.11	
9	2.70		42	0.19	
12	2.85	(0.22)	43	0.23	
14	2.80		44	0.11	
15	0.10		45	0.13	
16	1.37	(0.75)	46	0.06	
17	1.20		47	0.12	
18	0.50	(0.30)	48	0.19	
19	0.80		49	0.17	
20	1.40	(0.40)	50	0.26	
21	0.30		51	0.36	
22	0.30		52	0.16	
23	0.10		53	0.12	
24	0.30		54	0.07	
25		(0.45)	55	0.33	
29	0.67		56	0.84	
30	3.11		57	0.45	
31	0.27		58	0.09	
32	0.15		59	0.10	
33	0.40	(0.45)	60	0.25	
34	0.33		61	0.95	
35	0.13		62	0.07	
36	0.30		63	0.15	
37	0.14		64	0.16	
38	0.19		65	0.05	
TOTAL	32.18		TOTAL	2.62	

TOWN HWY. No.	LENGTH IN MILES "NOT UP TO STANDARD"	LEGAL TRAIL No.	LENGTH IN MILES LEGAL TRAIL
31	(0.19)	2	(0.40)
TOTAL	0.19	2	(0.25)
		5	(0.18)
TOTAL		7	0.83

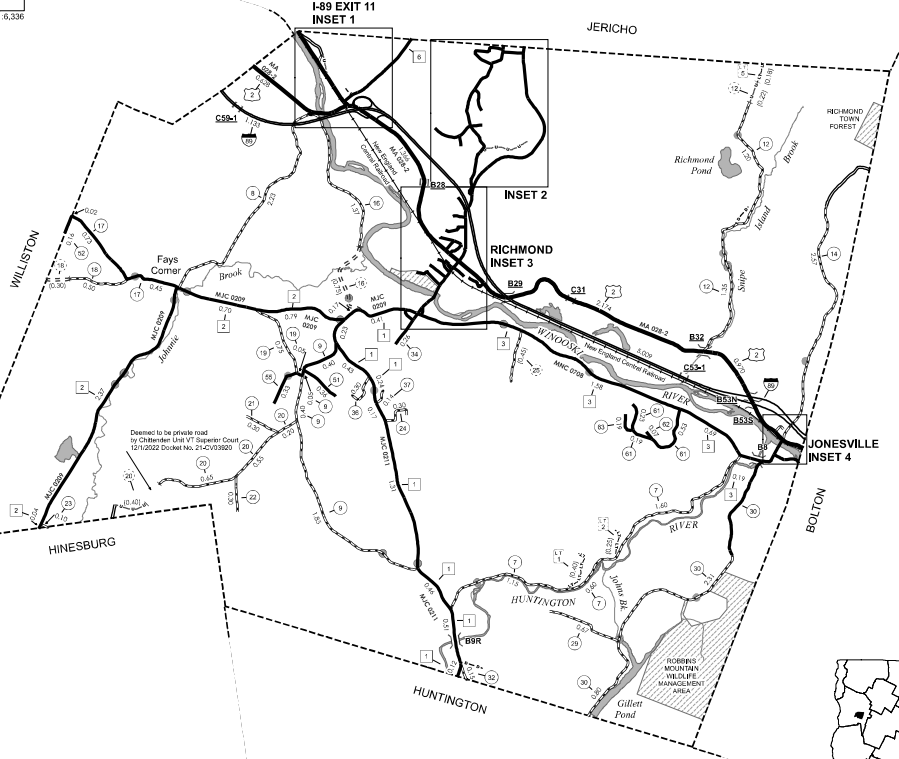
*The sections of the town highways listed above are legally Class 3, but have been deemed "Not Up To Standard" and are functionally Class 4 Town Highways



MILEAGE SUMMARY

CLASS	LENGTH (MILES)	TOTAL
CLASS 2		
TH-1	4,720	
TH-2	3,990	
TH-3	3,680	
TH-4	2,330	
TH-5	0,200	
TH-6	0,900	
TOTAL CLASS 2		15,630
CLASS 3		
TOTAL CLASS 3		32,18
TOTAL TOWN		47,810
STATE HIGHWAY		
VT-111	0,748	
TOTAL STATE HIGHWAY		0,748
US HIGHWAY		
US-2	6,379	
TOTAL US HIGHWAY		6,379
TOTAL STATE		7,127
INTERSTATE		
I-89	6,142	
TOTAL INTERSTATE		6,142
INTERSTATE - Ramps		
I-89	1,058	
TOTAL INTERSTATE - Ramps		1,058
TOTAL INTERSTATE		7,200
TOTAL TRAVELED HIGHWAYS, FEB. 10, 2023:		62,137

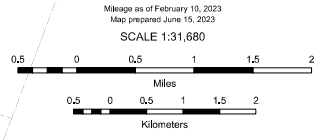
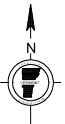
(Excludes Class 4 and Legal Trail Mileage)



DISCLAIMER:
The untraveled highways (bid-out town highways), discontinued highways, and legal trails herein are those of which the Agency of Transportation has record; others may exist.
Highway and bridge data by the Agency of Transportation. Town short structures drawn from the VT/CULVERTS (formerly VOICET) online database. All other data from the Vermont Open Geodata Portal. Only named streams shown.

VERMONT GENERAL HIGHWAY MAP
Town of Richmond

CHITTENDEN COUNTY
Transportation District #5
Prepared by the
Vermont Agency of Transportation
Division of Policy, Planning and Intermodal Development
in cooperation with
U.S. Department of Transportation
Federal Highway Administration



From: Bob Marquis <bobbymarquis@gmail.com>

Date: October 25, 2023 at 9:10:46 AM PDT

To: hartsfield3@gmail.com

Subject: 65 Esplanade

Hi Stephanie,

Finally here are some budgetary numbers— Due to Market Forces beyond anybody's control these numbers can vary but they will help you along. —

Excavation ———. - \$24,000

House jacking———. - 52,000

Electrical——. 4,000

Plumbing——— 3,000

General carpentry——. . 20,000

Concrete work. —— 40,000

Landscaping——— 6500

Added engineering——. 5,000

Contractor co-ordination. 30,500

Sub-total —— 185,000

15% profit & overhead. \$27,750

Total —— \$212,750

I did my best to add in things I believe will need to happen.

If you have any questions send them to me or call.

Bob Marquis

Marquis Project Services, LLC

802-922-7488

Bobbymarquis@gmail.com

U.S. DEPARTMENT OF HOMELAND SECURITY
 FEDERAL EMERGENCY MANAGEMENT AGENCY
 National Flood Insurance Program

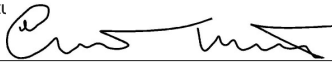
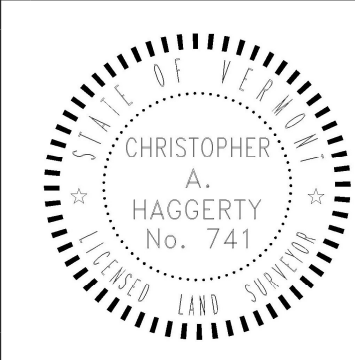

ELEVATION CERTIFICATE

IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 8-15

OMB Control Number: 1660-0008
 Expiration: 11/30/2018

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

SECTION A - PROPERTY INFORMATION				FOR INSURANCE COMPANY USE		
A1. Building Owner's Name <p align="center">Stefani & Kyle Hartsfield</p>				Policy Number:		
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <p align="center">65 Esplanade</p>				Company NAIC Number:		
City Richmond		State VT		Zip Code 05477		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <p align="center">Parcel # ES0065</p>						
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential						
A5. Latitude/Longitude: Lat. <u>44.402828</u> Long. <u>72.997189</u> Horizontal Datum: <input type="radio"/> NAD 1927 <input checked="" type="radio"/> 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 <u>2A</u>						
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) <u>790</u> 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 <u>0</u>				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="radio"/> Yes <input type="radio"/> No				d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No		
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION						
B1. NFIP Community Name & Community Number Richmond, Town of 500040				B2. County Name Chittenden		B3. State Vermont
B4. Map/Panel Number 50007C0313	B5. Suffix E	B6. FIRM Index Date 8/4/2014	B7. FIRM Panel Effective/ Revised Date 8/4/2014	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 310.6	
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input checked="" type="radio"/> FIS Profile <input type="radio"/> FIRM <input type="radio"/> Community Determined <input type="radio"/> Other/Source: _____						
B11. Indicate elevation datum used for BFE in Item B9: <input type="radio"/> NGVD 1929 <input checked="" type="radio"/> NAVD 1988 <input type="radio"/> Other/Source: _____						
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="radio"/> Yes <input checked="" type="radio"/> No Designation Date: <input type="radio"/> CBRS <input type="radio"/> OPA						
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)						
C1. Building elevations are based on: <input type="radio"/> Construction Drawings* <input type="radio"/> Building Under Construction* <input checked="" type="radio"/> 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: <u>Survey-grade GPS Observations</u> Vertical Datum: <u>NAVD88</u>						
Indicate elevation datum used for the elevations in items a) through h) below. <input type="radio"/> NGVD 1929 <input checked="" type="radio"/> NAVD 1988 <input type="radio"/> 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)	<u>303</u>	<u>84</u>	<input checked="" type="radio"/> feet	<input type="radio"/> meters		
b) Top of the next higher floor	<u>311</u>	<u>97</u>	<input checked="" type="radio"/> feet	<input type="radio"/> meters		
c) Bottom of the lowest horizontal structural member (V Zones only)	_____	_____	<input type="radio"/> feet	<input type="radio"/> meters		
d) Attached garage (top of slab)	_____	_____	<input type="radio"/> feet	<input type="radio"/> meters		
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>303</u>	<u>94</u>	<input checked="" type="radio"/> feet	<input type="radio"/> meters		
f) Lowest adjacent (finished) grade next to building (LAG)	<u>307</u>	<u>31</u>	<input checked="" type="radio"/> feet	<input type="radio"/> meters		
g) Highest adjacent (finished) grade next to building (HAG)	<u>309</u>	<u>93</u>	<input checked="" type="radio"/> feet	<input type="radio"/> meters		
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>307</u>	<u>73</u>	<input checked="" type="radio"/> feet	<input type="radio"/> meters		

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. 65 Esplanade			Policy Number:		
City Richmond	State VT	Zip Code 05477	Company NAIC Number:		
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>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.</i>					
<input type="checkbox"/> Check here if attachments.			Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Certifier's Name Christopher Haggerty		License Number VT LS #741			
Title Licensed Land Surveyor		Company Name Button Professional Land Surveyors, PC			
Address 20 Kimball Ave, Suite 102		City So. Burlington	State VT	Zip Code 05465	
Signature 		Date 10/10/17	Telephone 802-863-1812		
					
Copy all pages of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.					
Comments (including type of equipment and location, per C2(e), if applicable) Elevations are based on measurements made on 9/20/17, based on survey-grade static GPS observations. Item C2e is a water heater set on the basement floor. Elevation of the bottom of the ceiling-mounted furnace is 309.44. Item A8a represents the area of the basement enclosure. Item C2f is based on an existing 233 SF addition to the main structure which is supported by posts. Structure also has an attached 142 SF porch, also supported by posts.					
Signature 		Date 10/10/17			
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 _____ . _____ <input type="radio"/> feet <input type="radio"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the HAG.					
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ . _____ <input type="radio"/> feet <input type="radio"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the LAG.					
E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ . _____ <input type="radio"/> feet <input type="radio"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the HAG.					
E3. Attached garage (top of slab) is _____ . _____ <input type="radio"/> feet <input type="radio"/> meters <input type="checkbox"/> above or <input type="checkbox"/> below the HAG.					
E4. Top of platform of machinery and /or equipment servicing the building is _____ . _____ <input type="radio"/> feet <input type="radio"/> meters <input type="checkbox"/> above or <input type="checkbox"/> 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? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> 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					
<input type="checkbox"/> Check here if attachments.					

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. 65 Esplanade			Policy Number:	
City Richmond	State VT	Zip Code 05477	Company NAIC Number:	
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. <input type="checkbox"/> 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. <input type="checkbox"/> 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. <input type="checkbox"/> 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		
G7. This permit has been issued for: <input type="radio"/> New Construction <input type="radio"/> Substantial Improvement				
G8. Elevation of as-built lowest floor (including basement) of the building: _____ . _____ <input type="radio"/> feet <input type="radio"/> meters Datum _____				
G9. BFE or (in Zone AO) depth of flooding at the building site: _____ . _____ <input type="radio"/> feet <input type="radio"/> meters Datum _____				
G10. Community's design flood elevation: _____ . _____ <input type="radio"/> feet <input type="radio"/> meters Datum _____				
Local Official's Name			Title	
Community Name			Telephone	
Signature			Date	
Comments (including type of equipment and location, per C2(e), if applicable)				
<input type="checkbox"/> Check here if attachments.				

BUILDING PHOTOGRAPHS

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. 65 Esplanade			Policy Number:
City Richmond	State VT	Zip Code 05477	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.



Northerly and Easterly View (front and side view) - Photo taken 9/20/17



Southerly and Westerly View (rear and side view) - Photo taken 9/20/17

BUILDING PHOTOGRAPHS

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. 65 Esplanade			Policy Number:
City Richmond	State VT	Zip Code 05477	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.



Easterly Side (side view) - Photo taken 9/20/17