



Barrington Zoning Board of Adjustment Zoning Ordinance Variance and Special Exception Application Checklist

Please schedule a meeting with staff before submitting your application.

This checklist has been prepared to assist you in submitting a complete application to the Town of Barrington. At the Pre-Application meeting, staff will check off the items on this list that are required with your submission.

This document constitutes a public disclosure under RSA Chapter 91 – A, Access to Governmental Records and Meetings.

Date 5/28/2020 Case No. 250-101
 Owner James Saccoccia Mailing Address 21 James Henry Dr
 Phone 603-396-3981 Email jsaccoccia@gmail.com

PART I – GENERAL REQUIREMENTS

All Graphics shall be to Scale and Dimensioned

Description of Documents Required for Complete Application. No application shall be accepted without all items marked below.

Req'd	Req'd
-------	-------

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Zoning Board of Adjustment Application Checklist (<i>this form</i>) |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. ZBA General Information (Article(s) and Section(s) of Ordinance) |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Appeal and Decision |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Fees - \$150.00 Application <input type="checkbox"/>
\$ 75.00 Legal Notice <input checked="" type="checkbox"/>
\$ 7.00 per US Post Office Certified Letter <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Completed Project Application Form
<input checked="" type="checkbox"/> Variance <input type="checkbox"/> Special Exception <input type="checkbox"/> Appeal |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Notarized Letter of Authorization (from property owner(s) if property owner did not sign the application form) |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Project Narrative <input checked="" type="checkbox"/> |

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- 8. HOA Approval (*if applicable*)
- 9. Context or Locus Map (Show Surrounding Zoning Districts)
- 10. Existing Conditions Site Plan or Recorded Subdivision Plan to include well and septic location (may be found at Strafford County Registry of Deeds).
- 11. Existing Conditions Photo Exhibit (*See instruction page for submitting photos*)
Up to four photos may be shown per 8 1/2" X 11" page size
 - a. Show all existing structures on site
- 12. List of Certified Abutters (Include Applicant and all licensed professionals, i.e., engineer, architect, land surveyor, or soil scientist, whose seals are affixed to the plan, as well as any holder of a conservation or agricultural easement)
- 13. Mailing Labels (4 sets)

PART II – REQUIRED PLANS AND RELATED DATA
All Graphics and Plans Shall be to Scale and Dimensioned

- 1. Site Plan - ***Drawn and Stamped by Registered Land Surveyor***
 - a. 24" X 36" – 2 Copies
 - b. 11' X 17" – 6 Copy
 - c. 8 1/2 " X 11" – 1 Copy
- 2. Elevations: Show all sides of building and indicate building heights
 - a. 24" X 36" – 2 Copies
 - b. 11' X 17" – 6 Copy
 - c. 8 1/2 " X 11" – 1 Copy
- 3. Floor Plans
 - a. 24" X 36" – 2 Copies
 - b. 11' X 17" – 6 Copy
 - c. 8 1/2 " X 11" – 1 Copy
- 4. All drawings and any revised drawings must be submitted in PDF format
- 5. OTHER: _____
- 6. Your Appointment Date and Time for Submitting the Complete Application is:

Barbara Truini
Staff Signature

5/28/2020
Date

Land Use Department
Town of Barrington; 137 Ramsdell Lane; Barrington, NH 03825
barrplan@metrocast.net Phone: 603.664.5798

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PART III – PROJECT DESCRIPTION/VARIANCE DETAILS

Case No. _____

Project Name Accessory Dwelling

Location Address 21 James Henry Dr

Map and Lot _____

Zoning District (Include Overlay District if Applicable) _____

Property Details:

- Single Family Residential
- Multifamily Residential
- Manufactured Housing
- Commercial
- Mixed Use
- Agricultural
- Other

Use: Residence

Number of Buildings: 1

Height: _____

Setbacks: Front _____ Back _____ Side _____ Side _____

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Description of Request

Cite the Section of the Zoning Ordinance you are requesting a Variance or Special Exception for. If this is an Appeal from an Administrative Enforcement Order, Planning Board Decision, or Zoning Board of Adjustment Decision, please attach pertinent documentation:

Article 4 - Dimensional Requirements, 4.1.1 minimum standards

Project Narrative: (Please type and attach a separate sheet of paper)

Add Accessory Dwelling on to current house
full foundation connecting to existing house, 1 1/2 bath
Living + kitchen area and 2 bedrooms

Barrington Zoning Ordinance Requirements:

Conservation Subdivision requirements are
20' sides/Back and 25' Front setbacks
setbacks

Request: (You may type and attach a separate sheet of paper)

Mother and Father are getting old. My father
Has chronic back pain that makes him not
mobile to go up flights of stairs. Single story
would be best for

His Health and well being.
Request Right setbacks 8' and 12' where
20' is required in a conservation Subdivision.

PART IV – If this is a JUSTIFICATION FOR VARIANCE

The Zoning Board of Adjustment may not authorize a zoning ordinance variation unless ALL of the following criteria are met. Please provide evidence that the requested Variance complies by addressing the issues below.

- 1. Special conditions exist such that literal enforcement of the Ordinance will result in unnecessary hardship to the applicant as defined under applicable law.
Septic is in the way and we are attaching it to the house

- 2. Granting the variance would be consistent with the spirit of the Ordinance.
It fits in the neighborhood, It's designed so it has no impact on neighborhood

- 3. Granting the variance will not result in diminution of surrounding property values.
It will not decrease the values of surrounding properties, IF anything it will increase

- 4. Granting of the variance would do substantial justice.
As my parents age, Have more surgeries their quality of life will be best.

- 5. Granting of the variance would not be contrary to the public interest.
This would not impact the public of the neighbors

PART V – If this is a JUSTIFICATION FOR SPECIAL EXCEPTION

Please provide evidence that the requested Special Exception complies by addressing the issues below.

- 1. No detriment to property values in the vicinity of the proposed development will result on account of: the location or scale of buildings, structures, parking areas, or other access ways; the emission of odors, smoke, gas, dust, noise, glare, heat, vibration, or other pollutants; or unsightly outdoor storage of equipment, vehicles, or other materials.

- 2. No hazard will be caused to the public or adjacent property on account of potential fire, explosion, or release of toxic materials.

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3. No creation of a traffic safety hazard or substantial traffic congestion will result in the vicinity of the proposed development.

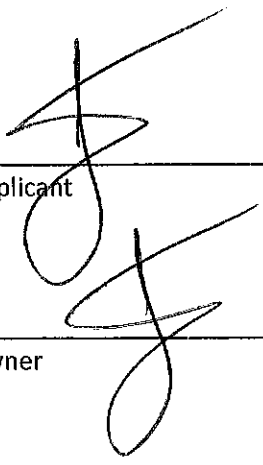
4. No excessive demand on municipal services and facilities, including, but not limited to waste disposal, police and fire protection, and schools.

5. The proposed use will not result in the degradation of existing surface and groundwater quality standards, nor will it have adverse effects on the natural functions of wetlands on the site that would result in the loss of significant habitat or flood control protection.

In addition to the guiding principles specified above, the ZBA may condition the granting of a special exception upon more stringent standards if the Board determines that such conditions are necessary to protect the health and welfare of the town and its residents. Such conditions may include the following and should be addressed in the Narrative:

- 1. Front, side, or rear yards in excess of the minimum requirements of this Ordinance.
- 2. Screening of the premises from the street or adjacent property by walls, fences, or other devices.
- 3. Limitations on the size of buildings and other structures more stringent than minimum or maximum requirements of this Ordinance.
- 4. Limitations on the number of occupants and methods and times of operation.
- 5. Regulation of the design and location of access drives, sidewalks, and other traffic features.
- 6. Location and amount of parking and loading spaces in excess of existing standards.
- 7. Regulation of the number, size, and lighting of signs in excess of existing standards.

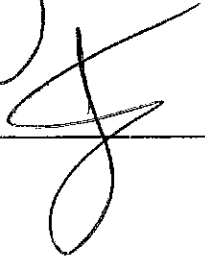
Signature of Applicant



Date

5/28/2020

Signature of Owner



Date

5/28/2020

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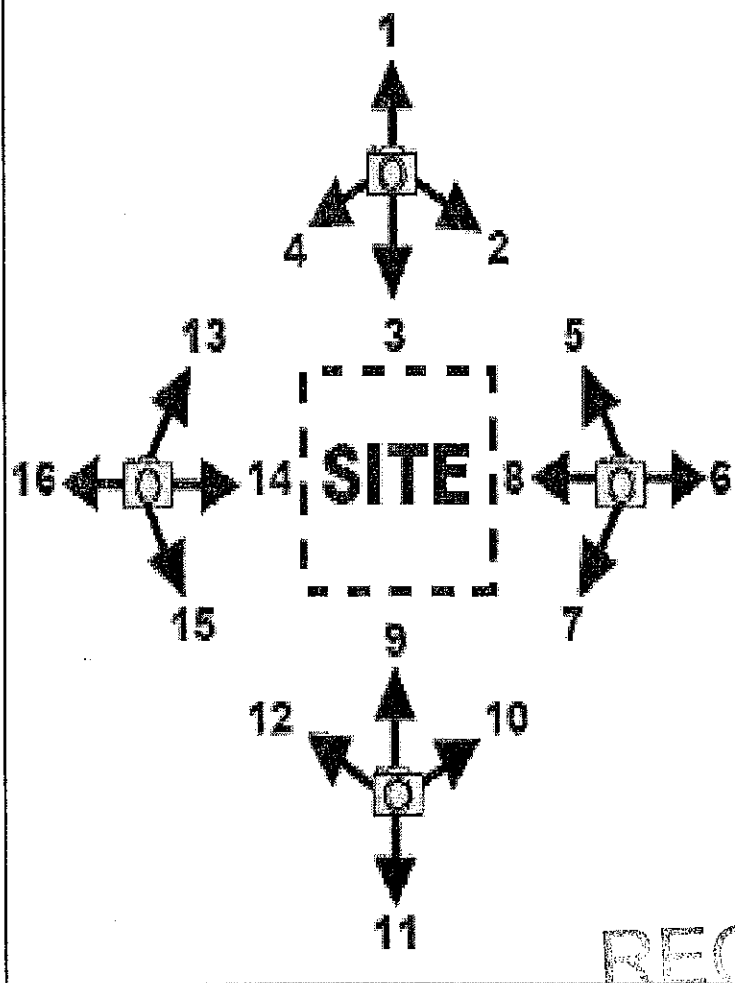
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SITE / CONTEXT PHOTOS

Using Guidelines Below

Provide color photographs showing the site and surrounding buildings/properties in order to provide staff, boards and commissions with a visual impression of the current site conditions.

1. Photos are to be taken looking toward the site and adjacent to the site.
2. Photos should show adjacent improvements and existing on-site conditions.
3. Number the photographs according to view.



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FEB 23 2013

Catherine A. Berube
Register of Deeds, Strafford County

NOTICE OF RESTRICTION

PURSUANT TO the issuance of an Accessory Dwelling Unit Certificate of Use and a certificate of Occupancy by the Town of Barrington, New Hampshire, for an accessory dwelling unit on certain property herein described, I/We of 21 James Henry Dr (mailing address), the undersigned owner(s) of the property located at 21 James Henry Dr, Barrington, NH, identified as Assessor's Map 250 Lot 101, being the same property conveyed by Deed recorded in the Strafford County Registry of Deeds at Book 4707, Page 870, hereby agree, covenant and bind myself/ourselves, our heirs, and assigns that the property and assessor dwelling unit shall be used in compliance with the accessory dwelling unit regulations set forth in Article 3.5 of the Zoning Ordinance of the Town of Barrington, New Hampshire and all other applicable laws and regulations, including but not limited to the requirement set forth in Article 3.5.1(9) of the Zoning Ordinance that "the single-family dwelling (and detached accessory structure, when applicable) and lot shall not be converted to a condominium or any other form of legal ownership distinct from the ownership of the single-family dwelling."

The Town of Barrington shall have the power and authority to enforce this restrictive covenant in a court of law. All deeds for future conveyance shall contain reference to this Notice of Restriction.

IN WITNESS WHEREOF, the owner(s) of the afore-mentioned property have executed this Notice of Restriction on this 18th day of February, 2020.

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PROPERTY OWNER(S)

[Handwritten Signature]

Print Name: James Saccoccia

Mailing Address:

21 James Henry Dr
Barrington, NH, 03825

Print Name: _____

Mailing Address: _____

STATE OF NEW HAMPSHIRE

COUNTY OF STRAFFORD, ss.

On the 18 day of February, 20 20, before me personally appeared

JAMES H. SACCOCCIA, known to me, or satisfactorily proven, to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Handwritten Signature]

Notary Public/Justice of the Peace



STATE OF NEW HAMPSHIRE

COUNTY OF STRAFFORD, SS.

On this ___ day of _____, 20 ____, before me personally appeared _____, known to me, or satisfactorily proven, to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public/Justice of the Peace

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LAND USE OFFICE

Town of Barrington, New Hampshire

APPLICATION FOR MAJOR BUILDING PERMIT

It shall be unlawful to construct, enlarge, alter or demolish a structure; or change the occupancy of a building or structure requiring greater strength, exit or sanitary provisions; or to change to another use; or to install or alter any equipment for which provision is made or the installation of which is regulated by this code, without first filing an application with the code official in writing and obtaining the required permit.

Application for a permit shall be made by the owner or lessee of the building or structure, or agent of either, or by the licensed engineer or architect employed in connection with the proposed work. If the application is made by a person other than the owner in fee, it shall be accompanied by an affidavit of the owner or the qualified applicant or a signed statement of the qualified applicant witnessed by the code official or his designee to the effect that the proposed work is authorized by the owner in fee and that the applicant is authorized to make such application. The full names and addresses of the owner, lessee, applicant, and of the responsible officers, if the owner or lessee is a corporate body, shall be stated in the application.

The application shall contain a general description of the proposed work, the location of the proposed work, the use and occupancy of all parts of the building or structure and of all portions of the site or lot not covered by the building or structure.

The application for the permit shall be accompanied by two copies of specifications and of plans drawn to scale, with sufficient clarity and detail dimensions to show the nature and character of the work to be performed. When quality of materials is essential for conformity to this code, specific information shall be given to establish such quality; and this code shall not be cited, or the term "legal" or its equivalent be used, as a substitute for specific information. The code official is permitted to waive the requirement for filing plans when the work involved is of a minor nature.

There shall also be a site plan showing to scale the size and location of all new construction and all existing structures on the site, distances from the lot lines, the established street grades and proposed finished grades; and it shall be drawn in accordance with an accurate boundary line survey. In the case of demolition, the plot plan shall show all construction to be demolished and the location and size of all existing structures and construction that are to remain on the site or plot.

Plans for placement of structure must consider that any portion of the structure including decks, landings, stairways, overhangs, bay or bow windows, etc., must meet the required setback and be included on the Foundation Certification Plan.

The site plan shall indicate the location of a private sewage disposal system when a public sewer is not available.

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MAY 20 2010



Major Building Permit Application

Town of Barrington, New Hampshire
 Building Department
 P.O. Box 660, Barrington, NH
 Telephone: (603) 664-5183

Issue Date: _____
 Permit #: _____
 (This area for office use only)

Map # _____
 Lot # _____
 Block # _____
 Zoning _____

Location of Construction (Address): 21 James Henry Dr
 Property Owner: Jim Saccoccia Home Phone: 603-346-3981
 Mailing Address: 21 James Henry Dr Cell Phone: 603-403-0824
 City: Barrington State: NH Zip Code: 03825 Daytime Phone: _____
 Email Address: jsaccoccia@gmail.com

Contractor: Jim Saccoccia Phone: *
 Mailing Address: * Cell #: *
 City: * State: * Zip Code: *
 Email Address: *

Cost of Construction: 60,000 Building Inspectors Estimated Cost of Construction: _____
 Permit Fee: _____ Permit fee based on \$7.50 per \$1000.00 of construction cost for 1 & 2 family (\$50.00 Minimum)
 Permit fee based on \$8.00 per \$1,000.00 of Construction Cost for multi-family & commercial (\$50.00 Minimum)

Proposed Construction is for: (check only one)

<input type="checkbox"/> New Single-Family Dwelling	<input type="checkbox"/> New Commercial Structure
<input type="checkbox"/> New Two-Family Home	<input type="checkbox"/> Commercial Addition
<input type="checkbox"/> New Multi-Family Dwelling	<input type="checkbox"/> Commercial Alteration
<input type="checkbox"/> Replacement / New Mobile Home	<input type="checkbox"/> Other: _____

Description of work to be performed: Build an attached dwelling to the right side of current home
 Proposed Use: Aux dwelling

Property & Setback Information			
Setbacks from Lot Line to Construction:		Subsurface Disposal Information:	Total Square Footage of Proposed Building:
Front:	Right:	Septic System Design Approval Number: _____	Site Located In "Special Flood Hazard Area": Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Rear:	Left:		Site Located In Shoreland Protection Zone: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Lot Size:		If Using Existing System, Is Design More Than 20 Yrs. Old: Yes <input type="checkbox"/> No <input type="checkbox"/>	Subdivision Approval # _____ Subdivision Name: _____ Site Plan Approval: Yes <input type="checkbox"/> No <input type="checkbox"/>

Applicant Signature: _____ Date: MAY 20 2009

ATTACHMENTS AND SUBMITTALS REQUIRED AT THE TIME OF APPLICATION	
For Residential 1 and 2 Family	For Commercial or Multi-unit Residential
Site Plan <input type="checkbox"/>	Site Plan Approval – Site Plans Must be Certified Prior to Issuance of Building Permits. <input type="checkbox"/>
Driveway Permit [Contact: Highway Dept. (603) 664-5379] <input type="checkbox"/>	Driveway Permit [Contact: Highway Dept. (603) 664-2241] <input type="checkbox"/>
N.H. Approved Septic Design <input type="checkbox"/>	N.H. Approved Septic Design <input type="checkbox"/>
Approved Shoreland Protection Permit From NH-DES [If Applicable] <input type="checkbox"/>	Approved Shoreland Protection Permit From NH-DES [If Applicable] <input type="checkbox"/>
Two (2) full sets of building plans <input type="checkbox"/>	Three (3) full sets of plans [Stamped When Required by RSA 310 -A] <input type="checkbox"/>
P.U. C. Prescriptive Compliance Application or Res Check Compliance Application. <input type="checkbox"/>	Letter of Energy Compliance From Design Prof. [May Use Residential Compliance Options to a Maximum building size of 4000 Square Feet] <input type="checkbox"/>
All Precedent Conditions of the Notice of Decision that was Approved by the Planning Board are met. <input type="checkbox"/>	Statement of Special Inspection [IBC Section 1705] [If Applicable] <input type="checkbox"/>

Please be advised, the order of inspections, for the **Building Inspector Only**, are as follows:

1. Reinforcing Steel Prior to Placement of Concrete.
2. Foundation / Pier Depth & Drainage
3. Rough Framing
4. Insulation & Penetration firestop
5. Drywall Installation (Fire Rated Assemblies Only)
6. Final Inspection

Note: Not all inspections may apply to every situation and additional inspections may be required in special situations. ***Required inspections for electrical, plumbing and mechanical installations are provided on the applicable permit application(s).***

It is the responsibility of the property owner and all contractors to obtain and post the necessary permits in a conspicuous location prior to commencement of any construction related activity.

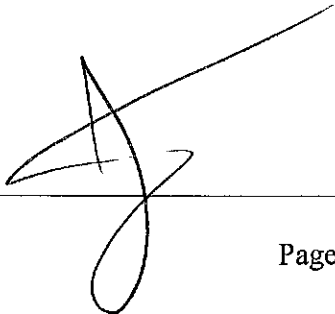
Electrical, mechanical and plumbing work requires submission of a separate permit applications.

Permits are non-transferable. If this is an "After the Fact" permit, it may be subject to a fee two times the normal permit fee.

It is the responsibility of the contractor / property owner to obtain all required inspections. This signed application constitutes consent of the owner / applicant to provide access for inspections related to this permit at the subject property. Any work that is concealed prior to the inspection may be required to be removed for inspection.

N/A

Applicant Signature: _____



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Date: MAY 20 2010

MINIMUM APPLICATION REQUIREMENTS

BUILDING CODE INFORMATION

Every building is different in terms of layout and framing details. Therefore, it is imperative that a set of construction plans or sketches be submitted with each application. The plans/sketches must show a dimensioned layout of all new rooms and spaces, in enough detail to determine building code compliance for the proposed construction. In the case of additions, it will be necessary to show the existing (room) layout. The following is a list of specific items to be included with the plans/sketches and specifications:

- Foundation plan/cross section showing anchor bolt/strap locations (IRC Section 403.1.6) and location of required reinforcing steel (IRC Section 4040.1.2.2).
- Dimensioned floor plan of each story (Show attic access location)
- Framing plan of each story including direction, sizes & spacing of joints and beams, location of support columns and sheathing material.
- Roof framing plan including: direction, sizes & spacing of rafters, sheathing material and roofing materials.
- Sizing documentation must be provided for all engineered beams/girders, joists, etc.
- If cathedral ceiling or if rafters are not connect to the floor/ceiling joist or connected with a rafter tie located in the lower third of the rafter, provide ridge support details (IRC Section 802.3.1).
- Framing cross section.
- Wall section(s) or window & door schedule indicating header sizes and required number of jack studs (IRC Tables 502.5(1) & 502.5(2)).
- Wall bracing methods, locations and length of braced wall panels, include foundation details as applicable (IRC Section 602.10 thru 602.12.1.6).
- Label all emergency escape openings ("egress windows") in sleeping areas, basements (bulkheads are suitable) and habitable attics (even when unfinished) (IRC Section R310.1) (5.7 S.F. minimum based on NFPA 101).
- Stair details showing tread depth, riser height, handrail and guard rail details ... (may sign a "stair handout" to indicate compliance).
- Location of hard wired smoke and CO detectors (IRC Sections 314 & 315)
- Door and window schedule.
- Completed NH Energy Compliance Application.

Note: IRC references are applicable to one and two family dwellings and townhouses..

- Need an approved driveway permit.
- Need an approved construction entrance.
- Pave in 16'. (Inspection by Highway Department prior to C/O)
- Impact fee assessment - \$4,281 (paid prior to C/O).
- Provide approved NH-DES septic design.
- Provide NH-DES shoreland permit (when applicable).
- Plot plan complies with front, side and rear setback, shoreland setback and wetland butter requirements.
- Permit application is complete.

N/A

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11-2-11

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

Minimum Provisions from 2015 IRC Chapter 11

Effective Date: September 15, 2019

Owner/Owner Builder: Company Name: (if applicable)			General Contractor: Company Name:		
Name: <u>Jim Saccoccia</u>			Name: <u>Jim Saccoccia</u>		
Mail Address: <u>21 James Henry Dr</u>			Mail Address: <u>21 James Henry Dr</u>		
Town/City: <u>Barrington</u>	State: <u>NH</u>	Zip: <u>03825</u>	Town/City: <u>Barrington</u>	State: <u>NH</u>	Zip: <u>03825</u>
Phone:	Cell: <u>603-396-3981</u>		Phone:	Cell: <u>603-396-3981</u>	
E-Mail: <u>jsaccoccia@gmail.com</u>			E-Mail: <u>jsaccoccia@gmail.com</u>		
Location of Proposed Structure:			Type of Construction:		
Tax Map #: <u>256</u>	Lot #: <u>101</u>		<input type="radio"/> Residential <input type="radio"/> Small Commercial <input type="radio"/> New Building <input type="radio"/> Renovation <input checked="" type="radio"/> Addition <input type="radio"/> Thermally Isolated Sunroom <input type="radio"/> Modular Home: the site contractor must submit this form detailing supplementary rooms and Floor and/or Basement insulation unless the floor insulation is installed or provided by the manufacturer and no heated space is added.		
Street: <u>21 James Henry Dr</u>					
Town/City: <u>Barrington</u>	County: <u>Strafford</u>				
Zone 5 <input checked="" type="radio"/> Cheshire, Hillsborough, Rockingham Strafford Zone 6 <input type="radio"/> All other NH counties and town of Durham			Total New Conditioned* Floor Area: _____ ft ²		
			Basement or Crawl Space type: (*a conditioned space is one being heated/cooled, containing uninsulated ducts or w/ a fixed opening into conditioned space. Walls must be insulated) Conditioned? <input type="radio"/> Yes (Walls must be insulated) <input type="radio"/> No <input checked="" type="checkbox"/> Full Basement <input type="checkbox"/> Walk Out Basement <input type="checkbox"/> Slab on Grade <input type="checkbox"/> Other _____		
Structure is EXEMPT because: <input type="checkbox"/> Mobile Home <input type="checkbox"/> On an historic register			Form Submitted by: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Builder <input type="checkbox"/> Other _____		

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

Signature [Signature] Print Name Jim Saccoccia Date 3/19/20

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

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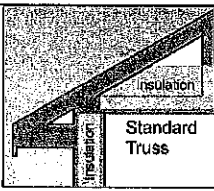
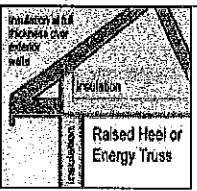
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New Hampshire Energy Code EC-1

Certification No.:

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 and 2 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 .32 (maximum) U-.32 (if log walls in Zone 5) U-.30 (if log walls in Zone 6) U .50 (Thermally Isolated Sunrooms only)	Write in U-Value	Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Skylights	U .55 (or less)		
Flat Ceilingⁱ <i>or</i> Flat Ceiling with Raised or Energy Trusses R-value	  R-49 (Zone 5 or 6) if using the above construction technique R-49 if log walls R-38 (Zone 5 or 6) if maintaining the full R value over the plates R-49 if log walls	Write in R-Value → If using only R-38 in Zone 5 or 6 you must check this box	NOTE: R-38 will satisfy the requirement for R-49 if the full R-38 insulation value is maintained over the outside plates. If using only R-38 (Zone 5 or 6), you must certify that you will maintain R-38 over the plates by checking the box below. <input type="checkbox"/> <i>By checking this box, I certify that this structure is being built with a raised energy truss or that the full R-value of the ceiling insulation will be maintained over the outside plates.</i>
Sloped or Cathedral Ceiling	R-30 (Zone 5 & 6) if less than 500 ft sq or 20% of total ceiling area or as above R-24 (Thermally Isolated Sunrooms only)	Write in R-Value	Check if <input type="checkbox"/> Sunroom
Above Grade Wallⁱⁱ R-value	R-20 Cavity Insulation only <i>or</i> R-13 plus R-5 Cavity <i>plus</i> Continuous Insulation R-13 (Thermally Isolated Sunrooms only)	Write in R-Value	Log homes must comply with ICC400-2012, have an average minimum wall thickness of 5" or greater with specific gravity of ≤0.5 or 7" with specific gravity >0.5. Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Door U-Value	U .32 (maximum)	Write in U-Value	One opaque door in the thermal envelope is exempt from the U-factor requirement.
Floor R Value (Basement ceiling)	R-30 <i>or</i> Insulation sufficient to fill joist cavity	Write in R-Value	If conditioning the basement you must insulate Basement Walls . If not, you may insulate either Floor or Basement Walls and/or Slab Edge
Basement or Crawl Space Wall R Value	For <i>both</i> Zone 5 and Zone 6 R-19 Cavity Insulation <i>or</i> R-15 Continuous Insulation	Write in R-Value	
Slab Edgeⁱⁱⁱ R Value	R-10 2' (Zone 5) 4' (Zone 6) (see drawing pg 3) <i>add R-5</i> if the Slab is heated <i>or R-15</i> under entire heated slab if a log home.	Write in R-Value	Check if <input type="checkbox"/> Heated Slab
Air Sealing	A blower door test is required . The test must demonstrate an air exchange rate of <i>seven</i> Air Changes per Hour (ACH) or less @ 50 Pa.		If required by the code official, an approved third party may be required to conduct the blower door test.

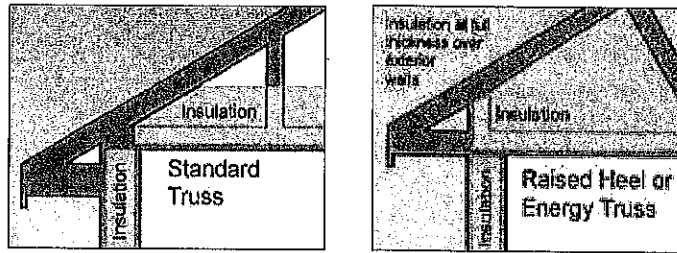
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Submit pages 1 and 2 to local municipal code official or NH Public Utilities Commission at energycodes@puc.nh.gov
 Phone: 603.271.2431. Fax: 603.271.3878.

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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.

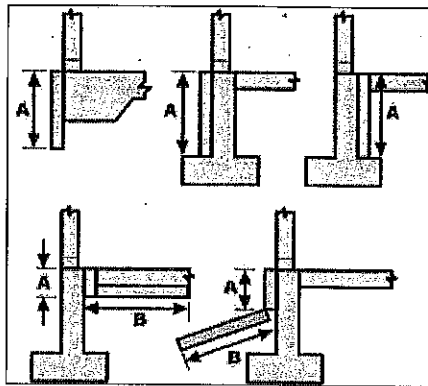


ⁱⁱ R-13 + R-5 means R-13 cavity insulation plus R-5 continuous insulated sheathing. If structural sheathing covers 25 percent or less of the exterior, R-5 sheathing is not required where the structural sheathing is placed. If structural sheathing covers more than 25 percent of exterior, the structural sheathing must be supplemented with insulated sheathing of at least R-2.

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.

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2015 International Residential Code (IRC) effective Sept. 15, 2019
Residential Energy Code Requirements IRC Chapter 11
 The following list is intended as a general summary of energy related requirements.
 Please consult the 2015 IRC Chapter 11 for complete requirements.

✓ Check here

Certification No.:

<p align="center">Air Leakage Code Section N1102.4</p>	<p>The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of IRC Sections R1102.4.1 through R1102.4.4. The building thermal envelope must be durably sealed to limit infiltration. See Table N1102.4.1.1 for a list of thermal envelope elements and installation criteria.</p> <p>Building envelope air tightness shall be verified to comply by Blower Door testing to not exceed air leakage of 7 Air Changes per Hour (ACH) at 50 Pascals pressure. The local Building Official may require an independent 3rd party to conduct the test.</p>
<p align="center">Testing Code Section N1102.4.1.2</p>	<p>The Blower Door Test is the required method to demonstrate code compliance with the air leakage requirement.</p> <p>Blower Door Test conducted by: _____</p> <p>Result (at 50 Pa): _____ CFM Interior Volume _____ CF _____ ACH</p>
<p align="center">Fireplaces Code Section N1102.4.2</p>	<p>New wood-burning fireplaces shall have tight-fitting flue dampers or doors and outdoor combustion air.</p>
<p align="center">Recessed Lighting Code Section N1102.4.5</p>	<p>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.</p>
<p align="center">High-Efficacy Lighting Code Section N1104.1</p>	<p>Not less than 75 percent of the lamps in permanently installing lighting fixtures shall be high-efficacy lamps or not less than 75 percent of the permanently installed lighting fixtures shall contain only high-efficacy lamps.</p>
<p align="center">Materials and Insulation Identification Code Section N1101.5 and N1101.10</p>	<p>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.</p>
<p align="center">Pull-Down Attic Stairs, Attic Hatch, and Knee Wall Doors Code Section N1102.2.4</p>	<p>Should be insulated to a level equal to the surrounding surfaces and tightly sealed and weather-stripped at the opening.</p>
<p align="center">Full size Attic or Basement Entry Doors Code Section N1102.3.4</p>	<p>All doors leading from a conditioned space into an unconditioned attic or enclosed attic or basement stairwell should be insulated and weather-stripped exterior rated door units meeting the U-factor requirement. One door is exempt.</p>

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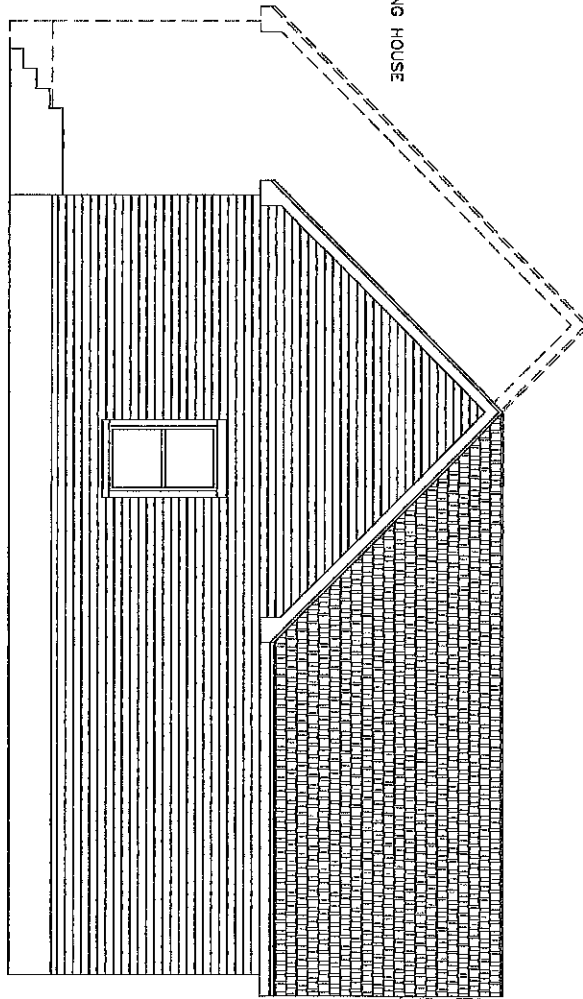
<p>Duct Insulation Code Section N1103.3.1</p>	<p>Supply and return ducts in attics must be insulated to at least R-8 where 3 in. diameter or greater. All other ducts must be insulated to at least R-6. Exception: Ducts or portions thereof located completely inside the building thermal envelope.</p>
<p>Duct Construction Code Sections N1103.3.2 and N1103.3.5</p>	<p>Ducts, air handlers and filter boxes shall be sealed. Joints and seams must comply with the <i>Int. Mech. Code</i> or Section M1601.4.1 of the <i>International Residential Code</i>. Building framing cavities shall not be used as ducts or plenums (neither supply nor return).</p>
<p>Duct Testing Code Sections 1103.3.3</p>	<p>Ducts shall be pressure tested to determine air leakage by either 1) rough-in test or 2) post-construction test. See Code for requirement details.</p> <p>Test conducted by: _____</p> <p>Duct test result at 25 Pa: _____ Post construction or _____ Rough-in test</p>
<p>Temperature Controls Code Section N1103.1&1.1</p>	<p>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.</p> <p>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</p>
<p>Mechanical System Piping Insulation Code Section 1103.4</p>	<p>Mechanical system piping capable of conveying fluids at temperatures above 105°F or below 55°F must be insulated to R-3.</p>
<p>Circulating Hot Water Systems Code Section N1103.5</p>	<p>Circulating service water systems must include an automatic or readily accessible manual switch that can turn off the hot water circulating pump when the system is not in use.</p> <p>Circulating domestic hot water system piping shall be insulated to R-4.</p>
<p>Mechanical Ventilation Code Section N1103.6</p>	<p>Outdoor air intakes and exhausts must have automatic or gravity dampers that close when the ventilation system is not operating.</p>
<p>Equipment Sizing Code Section N1103.7</p>	<p>Heating and cooling equipment shall be sized 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.</p>
<p>Certificate Code Section N1101.14</p>	<p>A permanent certificate, completed by the builder or registered design professional, must be posted on or in the electrical distribution panel. It must list the R-values of insulation installed in or on the ceiling, walls, foundation, and ducts outside the conditioned spaces; U-factors and SHGC for fenestration. The certificate must also list the type and efficiency of heating, cooling and service water heating equipment.</p>
<p>Existing Buildings and Structures See Appendix J of IRC</p>	<p>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.</p>

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EXISTING HOUSE



1 SIDE ELEVATION

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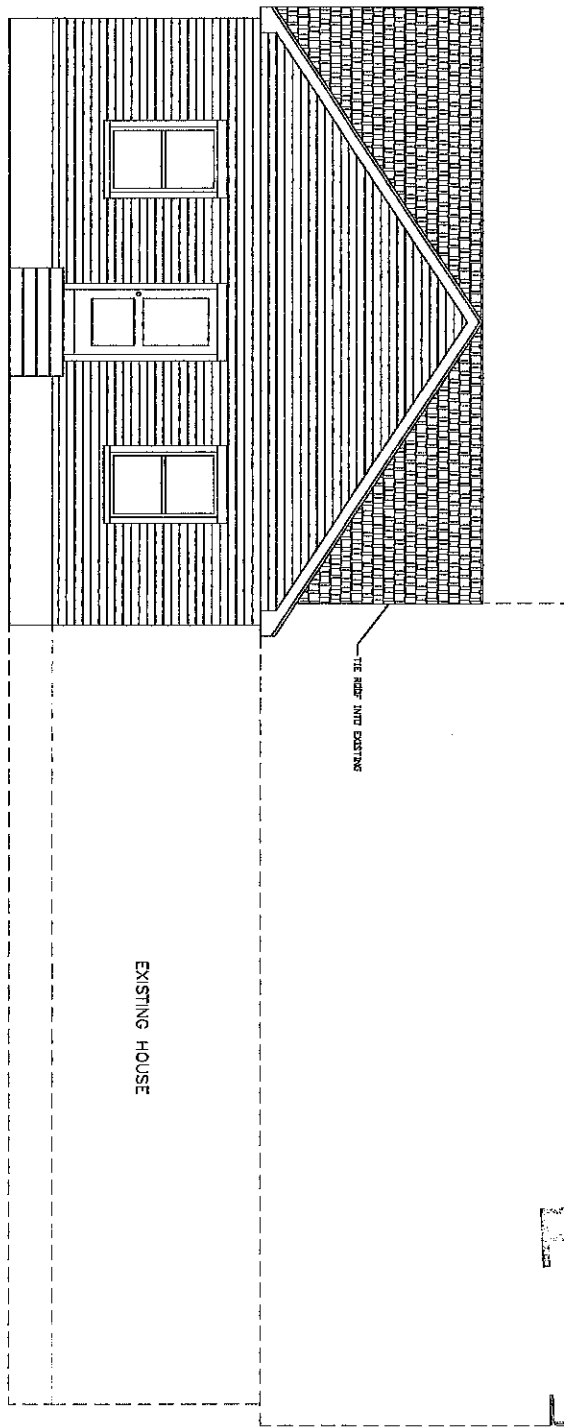
Checked Notes
ADDITION TO JIM SACCOCCA'S
HOUSE

No.	Project/Phase	Date



Project Name and Address
JIM SACCOCCA
54 BARRINGTON HENRY ROAD
NEW HAMPSHIRE

Project
JIM'S HOUSE
Date
3/4/20
Scale
3/8"=1'
A3



1 BACK ELEVATION
SCALE: 3/8"=1'

EXISTING HOUSE

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General Notes
ADDITION TO JIM SACCOCCA'S HOUSE

No.	Revisions/Date	Date



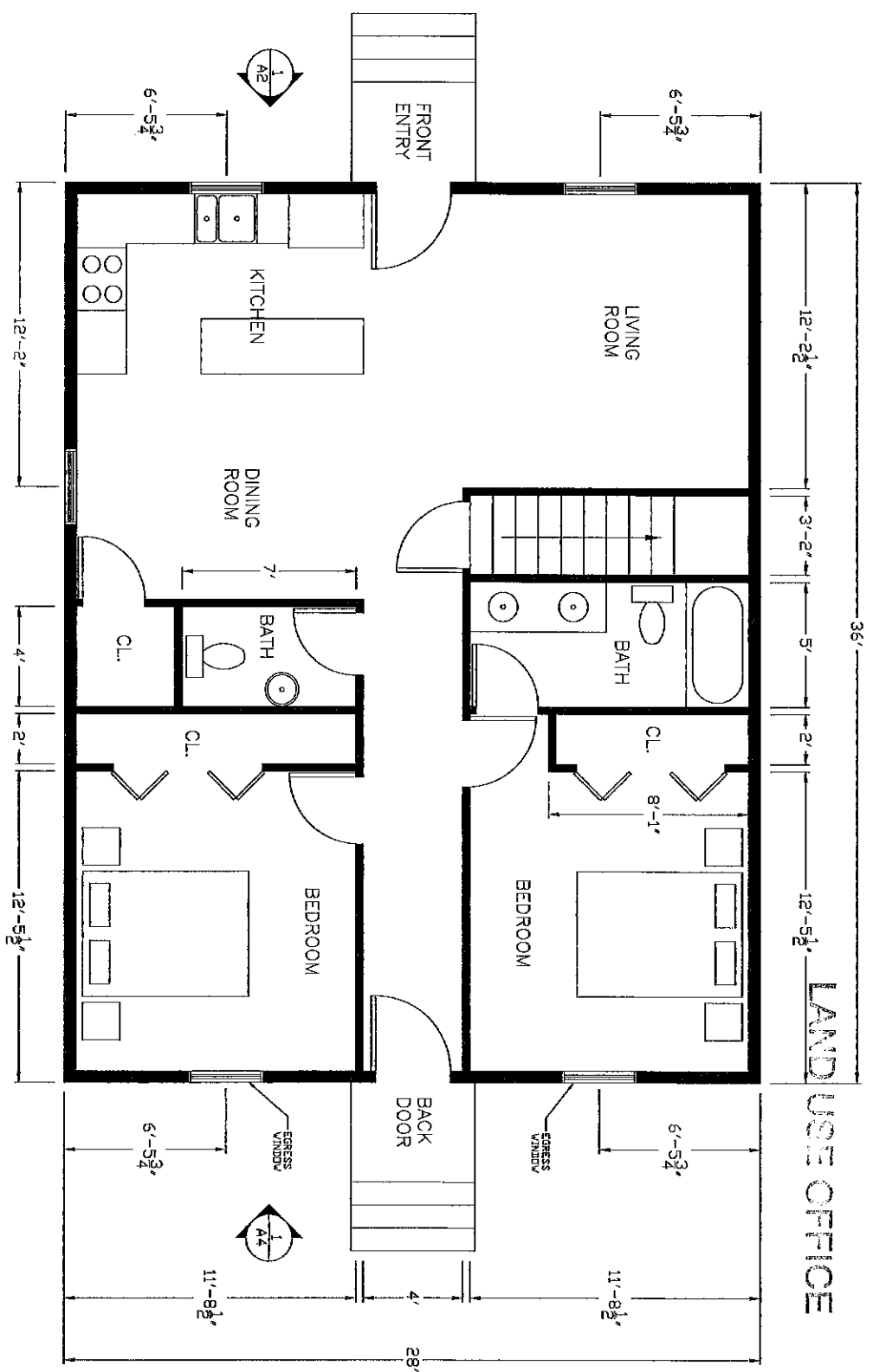
Project Name and Address
JIM SACCOCCA
271 HAMILTON
NEW HAMPSHIRE

Project Name	JIM'S HOUSE
Date	3/4/20
Scale	3/8"=1'
Sheet	A4

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1 FRAMING PLAN
SCALE: 1/8"=1'



Client Name		ADDITION TO JIM SAGGOCOCKS HOUSE	
Project Name and Address			
JIM SAGGOCOCKS BARRINGTON CENTRY ROAD NEW HAMPSHIRE			
Project Name and Date			
JIM'S HOUSE Date: 3/4/2000			
Scale: 1/2"=1'			
Sheet: A1			

Logo: S. HENRY ROSSITER LANE

