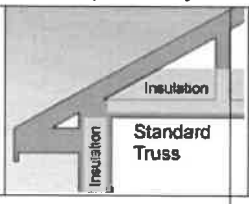
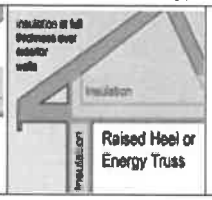
MUBEC Residential Energy Code

Building Permit No.:

Code effective: April 7, 2025

Directions: Complete the —Your Proposed Structure columns. No measurements or calculations are needed. If you at least meet the Maine Uniform Building and Energy Code requirements, your project will be approved. Write N/A in any section that does not apply to your project. **Submit pages 1 and 2 only.** If your planned structure cannot meet these requirements, consider downloading REScheck from http://www.energycodes.gov/rescheck/download.stm and use trade-offs to prove compliance. The completed REScheck report must be attached to this form.

You are encouraged to build with higher R-values and lower U-values than you report here. The –Required R or U Values| are the minimum standards in ME.

Building Section	Required R or U Values		YOUR PROPOSED STRUCTURE Write Planned R and U Values	Brands / Models / insulation type and thickness (if known)
Window U Factor (lower U is better)	**U .30** (maximum)		Write in U-Value	**Window Type:** ○ Low-e ○ Low-e Argon ☐ Check if Sunroom
	U .45(Thermally Isolated Sunrooms only)			
Skylights	**U .55**		Write in U-Value	☐ Check if Sunroom
	U .70 (Thermally Isolated Sunrooms only)			
Flat Ceiling[i] *or* **Flat Ceiling with Raised or Energy Trusses R-value**			Write in R-Value → ***If using only R-38 in Zone 6 you must check this box***	NOTE: R-49 will be deemed to satisfy the requirement for R-60 if the full R-49 insulation value is maintained over the outside plates. **If using only R-49 (Zone 6), you must certify that you'll maintain R-49 over the plates by checking the box below.** ☐ By checking this box, I certify that this structure is being built with a raised energy truss or that the full R-value of the ceiling insulation will be maintained over the outside plates.
	R-60 (Zone 6) if using the above construction technique	**R-49** (Zone 6) if maintaining the full R value over the plates		
Sloped or Cathedral Ceiling	**R-30** if less than 500 ft sq or 20% of total insulated ceiling area,		Write in R-Value	
	R-24 (Thermally Isolated Sunrooms only)			☐ Check if Sunroom
Above Grade Wall[ii] **R-value**	**R-30,20+10,** ***OR*** **R-13+15** The first value is cavity insulation, the second value is continuous insulation		Write in R-Value	
	R-13 (Thermally Isolated Sunrooms only)			☐ Check if Sunroom
	R-15(outside) or **R-20**(inside) MassWalls			☐ Check if Mass Wall
Door U-Value	**U .32** (maximum)		Write in U-Value	
Floor R Value (Basement ceiling)	**R-30** *or* Insulation sufficient to fill joist cavity		Write in R-Value	
Basement or Crawl Space Wall R Value	R-15 Cavity Insulation or R-19 Continuous Insulation for *crawl space* wall		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**
	Or **R13+5ci**		Write in R-Value	
Slab R-Value	**R-10ci / 4' depth** (Zone 6) (see drawing pg 3)		Write in R-Value	
	add **R-5** if the Slab is heated			☐ Check if Slab is heated
Air Sealing	**Planned Air Sealing Test Method** → By signing this form, I certify that I understand that I must submit a signed written report indicating compliance.		Blower Door	The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding three air changes per hour. Testing shall be conducted in accordance with ASTM E 779 or ASTM E 1827 and reported at a pressure of 0.2 inch w.g. (50 Pascals).