

Town of Vassalboro
MUBEC Heated Homes and Additions

Date _____

Owner _____	Phone _____	Email _____		
Contractor _____	Phone _____	Email _____		
Address _____	Map _____	Lot _____		
Dimensions	Main Structure	Attached Garage	Deck(s)	Other (bumpouts, ect.)
Shoreland (Y N) _____	Flood Zone (Y N) _____	_____	_____	_____

Foundation

Type (Check all that apply)

- _____ Full foundation with basement
- _____ Daylight basement
- _____ Footing + frost wall 4 ft below grade with crawl space
- _____ Footing + frost wall 4 ft below grade + slab
- _____ Slab with haunch 12" wide x 22" high
- _____ Building on posts
- _____ Insulated concrete forms
- _____ Other

If other describe _____

Attached garage describe foundation _____

Footing

_____ Width _____ Height _____ No rebar _____ #4 Rebar _____ Amount pieces rebar
_____ Maximum depth of fill over footing

Wall

_____ Width _____ Max. height _____
Horizontal rebar _____ #4 _____ Other _____ Amount pieces
Vertical rebar _____ #4 _____ Other _____ OC spacing _____ Soil type
Rebar dowels footing to wall _____ 4 ft OC _____ Other _____
Anchor Bolts _____ 6 ft OC & 1 ft from corners _____ Other _____

Slab

_____ Thickness _____ Base material depth _____ Gravel _____ Crushed rock
Vapor barrier _____ 6 ml poly _____ Other _____
Reinforcement _____ None _____ Fiber reinforced _____ Welded wire _____ Rebar

Foundation Frost Protection

_____ Footing 4 ft below grade _____ Slab w/haunch 2" rigid foam 2 ft vert. & 2 ft horiz.
_____ Concrete pads on top of 4 ft x 4 ft (2") rigid foam (mainly for post foundation)
Other _____

Concrete Compressive Strength

_____ 3000 psi _____ 3500 psi (garage floor) _____ 4000 psi _____ Other _____

Posts (check all that apply) Info below is for a _____ deck beam _____ floor beam

Size / Type _____ PT _____ Sono tube _____ Tapered piers _____ Concrete pad
_____ Lally column _____ Other _____ Spacing _____

Footing _____

Crawl Space

Access _____ 18"x 24" under floor _____ 16" x 24" perimeter wall _____ Other _____
Ground Vapor Barrier _____ 6 ml poly _____ slab w/6 ml poly _____ Other _____

Foundation Drainage (Required for homes with basements)

_____ 4" perforated pipe & crushed stone 12" wide x 12" deep with filter fabric on top
Other _____
_____ Gravity _____ pump

Foundation Moisture Protection (Required for homes with basements)

_____ Damp proof _____ Waterproof _____ material

Radon System (Optional but recommended. Must have crushed rock for slab subbase)

_____ Minimum recommendation 4" drainage pipe under slab with capped T-fitting through slab
Method _____
_____ Length of 4"perforated pipe min. of 20 ft in 4" depth of 1-1/2 inch crushed stone
_____ Loop of 4"perforated pipe in 4" depth of 1/2 to 3/4 inch crushed rock
Other _____

Framing

Joists

1st Floor _____ Size _____ Span _____ OC Spacing _____ Type _____
2nd Floor _____ Size _____ Span _____ OC Spacing _____ Type _____
_____ Size _____ Span _____ OC Spacing _____ Type _____
_____ Size _____ Span _____ OC Spacing _____ Type _____
_____ Deck #1 _____ Size _____ Span _____ OC Spacing _____ Type _____
_____ Deck #2 _____ Size _____ Span _____ OC Spacing _____ Type _____

Type – Indicate KD, PT, LVL, PSL, TJI. floor truss, ect. _____

Beams

1st Floor _____ Size _____ Span _____ Number _____ Type _____
2nd Floor _____ Size _____ Span _____ Number _____ Type _____
_____ Size _____ Span _____ Number _____ Type _____
_____ Size _____ Span _____ Number _____ Type _____
_____ Deck #1 _____ Size _____ Span _____ Number _____ Type _____
_____ Deck #2 _____ Size _____ Span _____ Number _____ Type _____

Beam span is the distance between posts and/or foundation. Generally is < 8 ft

Deck Connections (Applies also to floor of building on posts)

Attached deck ledger to existing structure _____ 1/2 " dia bolts, nuts, washers (recommended)
_____ 1/2 in. dia lag w/washer _____ Structural screws _____ Horizontal
spacing
Joist to ledger _____ Joist hanger (recommended) Other _____
Joist to beam _____ Hurricane tie (recommended) Other _____
Post bottom to footing _____ 4 ft below grade _____ Bottom connector anchored in footing
Post Connection to Beam _____ Post top cap _____ Notch with 1/2 inch carriage bolts, washes, nuts
Other _____ (side attachment prohibited)

Floor sheathing

Thickness _____ 5/8 " _____ Other _____ Material _____
Wall Studs _____ Size _____ OC spacing _____ Height _____

Exterior Sheathing _____ Thickness _____ Material _____
 Water Resistant Barrier _____ Typar _____ Zip system _____ Other _____
 Headers _____ Maximum width window _____ Header size and number
 Garage door header eave side _____ Width door _____ Header size and number
 LVL may be required if garage door width is 8 ft or more.

Wall Bracing

Provided a sketch drawn to scale of the home showing the location and dimensions of all the windows, doors, and home. If one or more of the sides is composed mainly of windows and doors with little sheathing, you may need to have an architect or professional engineer design your home.

Egress

_____ Minimum (1) door 36" x 78"
 _____ Bedrooms (1) window < 44" from floor w/ min. opening dimension 20" w x 24" h and 5.7 sf
 _____ Basement has door or window meeting the above requirements

Roof / Ceiling

Type _____ Attic Space _____ Cathedral _____ Combination _____ truss
 Truss type _____ Raised heel _____ Standard _____ Scissor _____ OC spacing
 Cathedral - ridge beam _____ Size _____ Span _____ Describe end support
 Rafters _____ Size _____ Span _____ OC spacing
 Ceiling joist _____ Size _____ Span _____ OC spacing
 Collar ties _____ Size _____ OC spacing
 Roof Ventilation _____ Soffit _____ Ridge _____ Proper _____ Gable end
 Sheathing _____ Thickness _____ Material _____
 _____ Roof Covering _____ Roof ice barrier material/location
 Attic Access _____ 22 x 30 minimum requirement _____ Other _____

Insulation / Vapor Barrier

Walls R-20 _____ Material and thickness
 Wall vapor barrier _____ Kraft faced insulation _____ 6 ml poly _____ Other _____
 Ceiling R-49 _____ material and thickness
 Ceiling w/raised heel truss R-38 _____ material and thickness
 Floor above unheated space R-30 _____ material and thickness
 Basement/crawl space R-10 _____ material and thickness
 Doors / Windows U-0.35 or < _____ U-Value
 Slab R-10 _____ 2" rigid foam 2 ft vertical and 2 ft horizontal _____ Other _____
 Heated Slab R-15 _____ 3" rigid foam 2 ft vertical and 2 ft horizontal _____ Other _____

Fire Protection

Exposed rigid or spray foam inside basement, crawl space, or home _____ ½ inch drywall
 _____ Thermax sheathing _____ 15 minute paint _____ Other _____
 Attached Garages _____ ½ drywall adjacent wall _____ 5/8 inch drywall ceiling (living space above)
 Floors framed with trusses, TJI wood I joists, <2x10 _____ 1/2" drywall _____ Flak jack cover
 Other _____

I certify the above information to be true to the best of my knowledge

 Signature of contractor or property owner _____ Date _____

Approval of Plans

The plans submitted are complete and consistent with the Maine Uniform Building and Energy Code.

Building Inspector

Date

Plan Incomplete or Inconsistent with MUBEC

The following changes are necessary to meet code

The following sections are incomplete or need clarification

Building Inspector

Date