Required Information to Construct an Addition, Alteration, or Renovation to a One/Two Family Dwelling

☐ 1. Plot plan showing location of structure and distances to property lines and septic system (if applicable)

☐ 2. Plans showing the following:
   - Type of foundation system and depth;
   - Labeled floor plans showing intended use for each space;
   - Dimensions of proposed addition;
   - Framing plan including materials used to construct:
     A. Floor joists—size, span, and spacing
     B. Wall framing—size and spacing
     C. Ceiling Joists—size, span, and spacing
     D. Rafters—size, span, and spacing
   - Energy Code information—Insulation R-value for—floors, walls, and ceiling
   - Location of Fire Alarm and Carbon Monoxide devices

☐ 3. If adding bedrooms you must have approved septic system for the additional bedrooms.

☐ 4. Completed permit application.

Note: If adding and/or altering any existing bedrooms, smoke alarms throughout the entire building must be upgraded to meet current code requirements. (Inspection Required)

Note: Massachusetts State Building Code 6th Edition requires wet stamp engineering for all manufactured products, such as Trusses and Beams. (Inspection Required)

Before a Building Permit can be issued, all requirements and regulations of the Town of Southampton Zoning Bylaw must be met.

Inspections are required
# ENERGY STAR Qualified Homes
## Thermal Bypass Inspection Checklist

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<th>Home Address:</th>
<th>City:</th>
<th>State:</th>
<th>Corrections</th>
<th>Builder Verified</th>
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<tr>
<td><strong>Thermal Bypass</strong></td>
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### Requirements:
- Insulation shall not be installed in full contact with sealed interior and exterior air barrier except for alternate to interior air barrier under item #2 (Walls Adjoining Exterior Walls or Unconditioned Spaces).

#### All Climate Zones:
- **1.1** Overall Alignment Throughout Home
- **1.2** Garage Band Joist Air Barrier (at bays adjoining conditioned space)
- **1.3** Attic Eave Baffles Where Vents/Leakage Exist

#### Only at Climate Zones 4 and Higher:
- **1.4** Slab-edge Insulation (A maximum of 25% of the slab edge may be uninsulated in Climate Zones 4 and 5.)

#### Best Practices Encouraged, Not Required:
- **1.5** Air Barrier At All Band Joists (Climate Zones 4 and higher)
- **1.6** Minimize Thermal Bridging (e.g., OVE framing, SIPs, ICFs)

### Requirements:
- Fully insulated wall aligned with air barrier at both interior and exterior, OR
- Alternate for Climate Zones 1 thru 3, sealed exterior air barrier aligned with RESNET Grade 1 Insulation fully supported on both sides of the wall
- Continuous top and bottom plates or sealed blocking

#### 2.1 Wall Behind Shower/Tub
#### 2.2 Wall Behind Fireplace
#### 2.3 Insulated Attic Slopes/Walls
#### 2.4 Attic Knee Walls
#### 2.5 Skylight Shaft Walls
#### 2.6 Wall Adjoining Porch Roof
#### 2.7 Staircase Walls
#### 2.8 Double Walls.

### Requirements:
- Air barrier is installed at any exposed fibrous insulation edges
- Insulation is installed to maintain permanent contact with sub-floor above including necessary supports (e.g., staves for blankets, netting for blown-in)
- Blanket insulation is verified to have no gaps, voids, or compression
- Blown-in insulation is verified to have proper density with firm packing

#### 3.1 Insulated Floor above Garage
#### 3.2 Cantilevered Floor

### Requirements:
- Openings to unconditioned space are fully sealed with solid blocking or flashing and any remaining gaps are sealed with caulk or foil (provide fire-rated collars and caulking where required)

#### 4.1 Duct Shaft
#### 4.2 Piping Shaft/Penetrations
#### 4.3 Flue Shaft

### Requirements:
- All attic penetrations and dropped ceilings include a full interior air barrier aligned with insulation with any gaps fully sealed with caulk, foam, or tape
- Moveable insulation fitted snugly in opening and air barrier is fully gasketed

#### 5.1 Attic Access Panel (fully gasketed and insulated)
#### 5.2 Attic Drop-down Stair (fully gasketed and insulated)
#### 5.3 Dropped Ceiling/Soffit (full air barrier aligned with insulation)
#### 5.4 Recessed Lighting Fixtures (ICAT labeled and sealed to drywall)
#### 5.5 Whole-house fan (insulated cover gasketed to the opening)

### Requirements:
- Gap between drywall shaft wall (i.e., common wall) and the structural framing between units is fully sealed at all exterior boundary conditions

#### 6.1 Common Wall between Dwelling Units

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**Home Energy Rating Provider:**

**Rater Inspection Date:**

**Builder Inspection Date:**

**Home Energy Rater Company Name:**

**Builder Company Name:**

**Home Energy Rater Signature:**

**Builder Employee Signature:**