

## AIR BARRIER AND INSULATION INSPECTION VERIFICATION CHECKLIST

In the checklist on the back, 'AB' and 'I' stand for the *air barrier* and *insulation* inspection components to be verified. Phenix City Building Inspections (PCBI) will always verify the 'I' components and as many of the 'AB' components as possible during scheduled inspections. If PCBI does not verify the 'AB' components, they may be verified by a person independent of the insulation installer who is qualified to perform such inspections and who has been approved by the Building Official. Compliance may also be verified by a blower door test. **Note: If any 'AB' component is covered up before a visual inspection is completed a blower door test becomes mandatory.**

### Third Party Certification:

The undersigned certifies that he/she has been approved by the Phenix City Building Official to perform a visual inspection of the components listed above on the property located at \_\_\_\_\_ . I/we further certify that the criteria listed for each component that I/we have initialed above has been met and appears to meet the requirements of the Alabama Energy and Residential Code.

NAME: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_ Permit Number: \_\_\_\_\_

Component		Criteria	Y, N, or N/A	Comments	Initials	Date
<b>Floors (including above-garage and cantilevered floors)</b>						
General	I	Insulation is installed to maintain permanent contact with underside of subfloor decking.				
	AB	Air barrier is installed at any exposed edge of insulation				
Rim Joists	I	Rim joists are insulated.				
	AB	Rim joists include an air barrier.				
<b>Walls</b>						
General	I	Corners and headers are insulated.				
	AB	Junction of foundation and sill plate is sealed.				
Crawl space walls	I	Insulation is permanently attached to walls.				
	I	Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.				
Windows and doors	AB	Space between window/door jambs and framing is sealed.				
Garage separation	AB	Air sealing is provided between the garage and conditioned spaces.				
Plumbing and wiring	I	Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.				
Shower/tub on exterior wall	I	Showers and tubs on exterior walls have insulation.				
	AB	Showers and tubs on exterior walls have an air barrier separating them from the exterior wall.				
Electrical/phone box on exterior walls	AB	Air barrier extends behind boxes or air sealed-type boxes are installed.				
Common wall	AB	Air barrier is installed in common wall between dwelling units.				
Fireplace	AB	Fireplace walls include an air barrier.				
<b>Ceiling/Attic</b>						
General	AB	Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.				
	AB	Attic access (except unvented attic), knee wall, or drop down stair is sealed.				
Recessed Lighting	AB	Recessed light fixtures penetrating thermal envelope are air tight, IC-rated, and sealed to drywall.				
<b>Other/All</b>						
Air barrier and thermal barrier	I	Exterior thermal envelope insulation for framed assemblies is installed insubstantial contact and continuous alignment with building envelope air barrier.				
	AB	Breaks or joints in air barrier are filled or repaired. Air-permeable insulation is NOT used as a sealing material. Air-permeable insulation is inside of an air barrier.				
Shafts, penetrations	AB	Duct shafts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.				
Narrow Cavities	I	Batts in narrow cavities are cut to fit, or narrow cavities are filled with sprayed/blown insulation.				
HVAC register boots	AB	HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.				