PERMIT # _____          LOT: _____          BLOCK: _____

# AIR BARRIER AND INSULATION CHECKLIST

In the checklist below, **AB** and **I** stand for the *air barrier* and *insulation* inspection components to be verified. The local code official will always verify the **I** components. In the case where the local code official is not verifying the **AB** components, they may be verified by a person independent of the insulation installer, or by the use of a blower door test.

If the permit holder has elected use of a blower door test, documentation of test results verifying air leakage less than 3 air changes per hour when tested per ASTM E 779 or ASTM E 1827 and reported at a pressure of 0.2 w.g. (50 Pa) shall be submitted with this checklist. A passing test demonstrates that the **AB** components are verified.

| COMPONENT | | CRITERIA | Y, N, OR N/A | COMMENTS | INITIALS | DATE |
|---|---|---|---|---|---|---|
| **Floors (including above-garage and cantilevered floors)** | | | | | | |
| General | I | Insulation is installed to maintain permanent contact with underside of subfloor decking. | | | | |
| General | AB | Air barrier is installed at any exposed edge of insulation. | | | | |
| Rim joists | AB | Rim joists include an air barrier. | | | | |
| Rim joists | I | Rim joists are insulated. | | | | |
| **Walls** | | | | | | |
| General | I | Corners and headers are insulated. | | | | |
| General | AB | Junction of foundation and sill plate is sealed. | | | | |
| Crawl space walls | I | Insulation is permanently attached to walls. | | | | |
| Crawl space 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. | | | | |
| Shower/tub on exterior wall | 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. | | | | |
| **Ceiling/Attic** | | | | | | |
| Skylights | AB | Space between skylight framing is sealed. | | | | |

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| COMPONENT | | CRITERIA | Y, N, OR N/A | COMMENTS | INITALS | DATE |
|---|---|---|---|---|---|---|
| **Ceiling/Attic** | | | | | | |
| General | AB | *(continued)* | | | | |
| | 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 door, or drop down stair is sealed. | | | | |
| Recessed lighting | I | Recessed light fixtures penetrating the thermal envelope are air tight, IC-rated, and sealed to drywall. | | | | |
| **Other/All** | | | | | | |
| Air barrier and thermal barrier | I | Exterior thermal envelope insulation for framed assemblies is installed in substantial contact and continuous alignment with building envelope air barrier. | | | | |
| | AB | Breaks or joints in the air barrier are filled or repaired. | | | | |
| | I | Air-permeable insulation is not used as a sealing material. | | | | |
| | AB | 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 by sprayed/blown insulation. | | | | |
| HVAC register boots | AB | HVAC register boots that penetrate building envelope are sealed to subfloor or drywall. | | | | |

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