Residential Data Collection Checklist

2009 International Energy Conservation Code
Climate Zone __

Date:_____ Name of Evaluator(s): _____

Building Name & Address:_____ Conditioned Floor Area:_____ ft^2

Building Contact: Name:_____ Phone:_____ Email:_____

Compliance Approach: ☐ Prescriptive (402.1.2 or 402.1.3) ☐ UA Trade-Off (402.1.4) ☐ Building Performance (405)

State:_____ Jurisdiction: _____

Building Type: 1- and 2-Family, Detached: ☐ Single Family ☐ Modular ☐ Townhouse

Multifamily: ☐ Apartment ☐ Condominium

Project Type: ☐ New Construction ☐ Addition to existing building ☐ Existing building renovation[i]

COMPONENT	CRITERIA	PLAN REVIEW			SITE INSPECTION		
		Y	N	N/A	Y	N	N/A
Air barrier and thermal barrier	Exterior thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier.	☐	☐	☐	☐	☐	☐
	Breaks or joints in the 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.	☐	☐	☐	☐	☐	☐
Ceiling/attic	Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.	☐	☐	☐	☐	☐	☐
	Attic access (except in unvented attic), knee wall door, or drop down stair is sealed.	☐	☐	☐	☐	☐	☐
Walls	Corners and headers are insulated.	☐	☐	☐	☐	☐	☐
	Junction of foundation and sill plate is sealed.	☐	☐	☐	☐	☐	☐
Rim joists	Space between window/door jambs and framing is sealed.	☐	☐	☐	☐	☐	☐
Floors (including above garage and cantilevered floors)	Rim joints are inslulated and include an air barrier.	☐	☐	☐	☐	☐	☐
Crawl space walls	Insulation is permanently attached to walls.	☐	☐	☐	☐	☐	☐
	Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.	☐	☐	☐	☐	☐	☐
Shafts, penetrations	Duct sharts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.	☐	☐	☐	☐	☐	☐
Narrow cavities	Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulation.	☐	☐	☐	☐	☐	☐
Garage separation	Air sealing is provided between the garage and conditioned spaces.	☐	☐	☐	☐	☐	☐
Recessed lighting	Recessed light fixtures are air tight, IC rated, and sealed to drywall. Exception - fixtures in conditioned space.	☐	☐	☐	☐	☐	☐
Plumbing and wiring	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	Showers and tubs on exterior walls have insulation and an air barrier separating them from the exterior wall.	☐	☐	☐	☐	☐	☐
Electrical/phone box on exterior walls	Air barrier extends behind boxes or air sealed-type boxes are installed.	☐	☐	☐	☐	☐	☐
Common wall	Air barrier is installed in common wall between dwelling units.	☐	☐	☐	☐	☐	☐
HVAC register boots	HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.	☐	☐	☐	☐	☐	☐
Fireplace	Fireplace walls include an air barrier.	☐	☐	☐	☐	☐	☐