



# Burien

*Washington, USA*

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## 2015 WASHINGTON STATE ENERGY CODE FOR IRC RESIDENTIAL BUILDINGS PLAN REVIEW AND INSPECTION CHECKLIST

### **Plan review & rough-in inspections**

1. Verify which glazing/door products are proposed. Match window/door schedule on plans with compliance form and verify in field.
2. Verify which insulation products are proposed. Match section detail(s) to energy compliance form. Verify same in field (ex. Advanced framing [raised heel truss] is used where insulation value is R-38).
3. Verify whole house option chosen, locate placement on plans & verify product(s) installed match what was proposed.
4. Verify source specific ventilation fans at required locations on plans and in the field.
5. Verify energy credit requirement for all heating equipment to be installed. Locate placement proposal on plans & verify products installed match what was proposed.
6. Verify Water Heater has been sized per Uniform Plumbing Code state amendment table 501.1.
7. Verify glazing schedule is completed correctly (where required).
8. Verify simple heating system size is completed correctly.
9. Verify ducts are not displacing required insulation at exterior walls, floors or ceilings. Make sure no building cavities are used as ducts.
10. Duct testing calculator (new construction) compliance form completed at rough-in inspection. Have leakage deficiencies been corrected? Was the system retested?

### **Final inspection**

1. Verify at least 75%\_of all indoor lamps in lighting fixtures are high efficacy.
2. Verify equipment installed is per approved plans and specifications (ex. water heater, HVAC, heat pump, fans, etc).
3. Verify insulation at crawlspace and attic is per approved plans and specifications.
4. Verify duct leakage affidavit has been completed and onsite (post construction duct test/blower door test).
5. Verify WSEC residential energy compliance certificate is posted within 3' of electrical panel.