



Success with 2015 IECC Arizona
Checklist for Code Officials

PLAN REVIEW



PLAN REVIEW CHECKLIST

RECOMMENDED PRACTICES + CODE REFERENCE	Builder/Trades			Code Official	
	✓	✗	N/A	✓	✗
BUILDING PLANS + FRAMING + AIR SEALING					
1. The construction documents detail the envelope will have a continuous air barrier. <i>RECOMMENDED: RIGID AIR BARRIER.</i> Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. All walls separating conditioned and unconditioned spaces that will not have an interior finish are noted on the plans and sections and specify an interior air barrier. <i>RECOMMENDED: RIGID AIR BARRIER.</i> Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. All walls separating conditioned basements from exterior ground shall be insulated at least 10 feet down from the top of the basement wall. Code Reference: 2015 IECC R402.2.9 Basement walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Attic platform details are included and allow for full amount of required insulation levels underneath. Code Reference: 2015 IECC Table R402.1.2: Insulation levels, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Corner and header architectural details are included and allow for insulation installation. Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Cantilever floor details allow for full amount of required insulation and the insulation is encapsulated with an exterior air barrier and air sealing. <i>RECOMMENDED: RIGID AIR BARRIER.</i> Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



PLAN REVIEW CHECKLIST

RECOMMENDED PRACTICES + CODE REFERENCE

Builder/Trades: N/A
 Code Official:

BUILDING PLANS + FRAMING + AIR SEALING

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| <p>7. Window and door U-values and solar heat gain coefficients (SHGC) are noted on construction documents.
 Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents</p> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| <p>8. All fuel-burning appliances with combustion air ducts get combustion air from outside the building thermal environment.
 Code Reference: 2015 IECC R402.4.4: Rooms containing fuel-burning appliances</p> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| <p>9. Construction documents (e.g. building plans, technical documents, supporting code compliance reports) were submitted.
 Code Reference: 2015 IECC R103: Construction documents</p> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |

INSULATION

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| <p>10. All insulation levels shown on drawings will meet 2015 IECC insulation levels.
 Code Reference: 2015 IECC Table R402.1.2: Insulation levels, 2015 IECC R103.2: Information on construction documents</p> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| <p>11. In climate Zone 5, the construction documents detail the wall assemblies will have a vapor retarder. RECOMMENDED: CLASS II
 Code Reference: 2015 IECC R402.1.1: Vapor retarder</p> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |

ELECTRICAL

- | | | |
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| <p>12. Specified bath fans will exhaust at least 50 CFM intermittently or 20 CFM continuously when installed and meet the efficacy requirements.
 Code Reference: 2012 IRC M1507.3: Exhaust fan rate, 2015 IECC Table R403.6.1: Mechanical System Fan Efficacy, 2015 IECC R103.2: Information on construction documents</p> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
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	✓	✗	N/A	✓	✗
ELECTRICAL					
13. Specified recessed lighting fixtures are insulation-contact rated (IC) and must meet air leakage requirements. Code Reference: 2015 IECC R402.4.5: Recessed lighting, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HVAC					
14. A whole-house mechanical ventilation strategy and rate are specified. Required ventilation rates shall also include adequate provisions for makeup air system supplies and/or exhausts as required in either the IRC or IMC. Code Reference: 2015 IECC R403.6: Mechanical ventilation, 2012 IRC R303.4: Mechanical ventilation, 2012 IRC M1507.3: Whole-house mechanical ventilation system, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. HVAC duct locations, insulation values and sealing requirements are noted on the construction documents. Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ACCA Manual J Load calculations or an approved method are complete and accurate for the dwelling unit. Code Reference: 2012 IRC M1401.3: Equipment Sizing, 2015 IECC R403.7 Equipment Sizing, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Specified HVAC equipment is selected based on the ACCA Manual S or other approved equipment selection method. Code Reference: 2012 IRC M1401.3: Equipment Sizing, 2015 IECC R403.7 Equipment Sizing, 2015 IECC R103.2: Information on construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>