



Success with Louisiana Energy Code

Checklist for Builders/Trades & Code Officials

BUILDING PLANS





BUILDING PLANS CHECKLIST

RECOMMENDED PRACTICES + CODE REFERENCE

✓ ✗ N/A

<p>The construction documents detail the envelope will have a continuous air barrier.</p> <p>1. RECOMMENDED: RIGID AIR BARRIER Code Reference: 2009 IRC N1102.4: Air leakage</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>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. RECOMMENDED: RIGID AIR BARRIER Code Reference: 2009 IRC N1102.4: Air leakage</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>All insulation levels shown on drawings will meet Louisiana Energy Code insulation levels. Code Reference: 2009 IRC Table N1102.1: Insulation and fenestration requirements</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>All walls separating conditioned and unconditioned spaces will allow for required R-value. Code Reference: 2009 IRC Table N1102.1: Insulation and fenestration requirements</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Attic platform details are included and allow for full amount of required insulation levels underneath. Code Reference: 2009 IRC Table N1102.1: Insulation and fenestration requirements</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Cantilever floor details allow for full amount of required insulation, and the insulation is encapsulated with an exterior air barrier and air sealing. RECOMMENDED: RIGID AIR BARRIER Code Reference: 2009 IRC Table N1102.1: Insulation and fenestration requirements</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Window and door U-factors and solar heat gain coefficients (SHGC) are noted on construction documents. Code Reference: 2009 IRC Table N1102.1: Insulation and fenestration requirements</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>A whole-house mechanical ventilation strategy and rate are specified and align with Louisiana Energy Code. Code Reference: 2009 IRC R303.4: Mechanical ventilation, 2009 IRC M1507.3: Whole-house mechanical ventilation system,</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Specified bath fans will exhaust at least 50 CFM intermittently or 20 CFM continuously when installed and meet efficacy requirements. Code Reference: 2009 IRC M1507.3: Exhaust fan rate</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



BUILDING PLANS CHECKLIST

RECOMMENDED PRACTICES + CODE REFERENCE	✓	✗	N/A
10. Specified recessed lighting fixtures are insulation-contact (IC) rated and must meet air leakage requirements. Code Reference: 2009 IRC N1102.4.5: Recessed lighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. ACCA Manual J and Manual S or another approved method are geometrically consistent with the plans and accurate for the dwelling unit. Code Reference: 2009 IRC M1401.3: Equipment sizing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Specified HVAC equipment is selected based on ACCA Manual S or another approved equipment selection method. Code Reference: 2009 IRC M1401.3: Equipment sizing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. All fuel-burning appliances get combustion air from outside the building thermal environment. Code Reference: 2009 IRC N1102.4.3: Fireplaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Construction documents (e.g., building plans, technical documents, supporting performance compliance reports) were submitted. Code Reference: 2009 IRC R106.1: Submittal documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>