

**COMMERCIAL NEW CONSTRUCTION**  
**Massachusetts Energy Code 9<sup>th</sup> Edition**  
**Plan Review Checklist for IECC Compliance Paths**  
 (To be completed before building permit is issued)



Applicant Name \_\_\_\_\_ Applicant Phone \_\_\_\_\_

Project Address \_\_\_\_\_ Permit Number \_\_\_\_\_

**Type of Construction:**

<input type="checkbox"/> New Construction	<input type="checkbox"/> Addition	<input type="checkbox"/> Alteration	<input type="checkbox"/> Change of Occupancy
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**Select Compliance Path (C401.2):**

#1: ASHRAE Standard 90.1 (select one below):

<input type="checkbox"/> Prescriptive Path	<input type="checkbox"/> Energy Cost Budget (Chapter 11)	<input type="checkbox"/> Appendix G	<input type="checkbox"/> MA Stretch Code
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#2: IECC Prescriptive Path

#3: IECC Performance Path (select one below)

<input type="checkbox"/> Energy Rating Index for Multifamily up to 5 stories	<input type="checkbox"/> Passive House (PHIUS+18 or PHI)
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**Requirements for Chosen Compliance Path:**

**Compliance Path # 1: ASHRAE Standard 90.1/MA Stretch Code**

**For 90.1-2016 Prescriptive Path and Energy Cost Budget (Chapter 11):**

<input type="checkbox"/> Attach COMcheck Report	<input type="checkbox"/> C402.3 Rooftop Solar Ready & C405.10 EV Ready*	<input type="checkbox"/> Indicate C406 Options Below
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**Section 406 – Must include Three (3) options**

<input type="checkbox"/> C406.2 More Efficient HVAC	<input type="checkbox"/> C406.3 Reduced LPD	<input type="checkbox"/> C406.4 Enhanced Lighting Controls
<input type="checkbox"/> C406.5 Renewable Energy	<input type="checkbox"/> C406.6 DOAS	<input type="checkbox"/> C406.7 High Efficiency SHW
<input type="checkbox"/> C406.9 Reduced Air Infiltration	<input type="checkbox"/> C406.10 Renewable Space Heating	<input type="checkbox"/> C406.11 Heavy Timber Construction

**For 90.1-2016 Energy Cost Budget (Chapter 11) and Appendix G:**

Compliance report for permitting must include:	1. A statement indicating that the proposed design complies with Chapter 11 or Appendix G
	2. A site-specific energy analysis report
	3. The name of the individual performing the analysis and generating the report
	4. The name and version of the compliance software tool

**Massachusetts Stretch Code (90.1-2013):**

Provide plans and specifications demonstrating compliance with all mandatory requirements. Provide energy model documentation including inputs and outputs of the energy model and a summary report. Energy model must be based on and show to be 10% better than 90.1-2013 Appendix G.

**Compliance Path #2: IECC Prescriptive**

<input type="checkbox"/> Attach COMcheck Report	<input type="checkbox"/> Meets C402 through C405	<input type="checkbox"/> C402.3 Rooftop Solar Ready & C405.10 EV-Ready*	<input type="checkbox"/> Indicate C406 Options Below
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**Section 406**

<input type="checkbox"/> C406.2 More Efficient HVAC	<input type="checkbox"/> C406.3 Reduced LPD	<input type="checkbox"/> C406.4 Enhanced Lighting Controls
<input type="checkbox"/> C406.5 Renewable Energy	<input type="checkbox"/> C406.6 DOAS	<input type="checkbox"/> C406.7 High Efficiency SHW
<input type="checkbox"/> C406.9 Reduced Air Infiltration	<input type="checkbox"/> C406.10 Renewable Space Heating	<input type="checkbox"/> C406.11 Heavy Timber Construction

**Compliance Path #3: IECC Performance** Attach COMcheck Report Meet C402.3 Rooftop Solar Ready and C405.10 EV-Ready\* Meets C405, C407, C408**Multifamily ERI-based compliance (up to 5 stories) in accordance with C407.1.1:**

Compliance report for permitting shall comply with C407.5.1 and C407.6 and include:

1. HERS compliance report with score of 55 or lower for each finished residential unit, attested to be 'based on plans'.
2. A site-specific description of unit's energy features
3. The name of the individual performing the analysis and generating the report
4. The name and version of the compliance software tool

**Passive House Institute US or Passive House Institute compliance with C407.1.2****Passive House Institute US (PHIUS)**

Compliance report for permitting shall comply with C407.5.2 and C407.6 and include:

1. A WUFI or PHPP compliance report showing proposed design complies with PHI/PHIUS+2018 performance requirements and has precertification approval from PHIUS or PHI.
2. Statement that WUFI or PHPP results are based on plans.
3. Certified Passive House consultant verifies compliance.

\*See Massachusetts amendments

Notes:

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