

General Requirements				
□ A continuous air barrier shall be installed in the building envelope.				
□ The exterior thermal envelope contains a continuous air barrier.				
 Breaks or joints in the air barrier shall be sealed. Air-permeable insulation shall not be used as a sealing material. 				
□ All insulation shall be installed at a Grade I quality in accordance with ICC/RESNET 301				
Framing Inspection				
		• The air barrier in any dropped ceiling/soffit shall be aligned with the insulation		
	Ceiling/attic	and any gaps in the air barrier shall be sealed.		
		 Access openings, pull down- stairs, knee wall doors, to unconditioned space shall be sealed. 		
		 The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed. 		
	Walls	 Knee walls shall be sealed. 		
		Walls are framed to allow the corner to be insulated or continuous insulation is faith to installed		
		is/will be installed.		
	Windows,	• The space between window/door jambs and framing, and skylights and framing		
	skylights, and doors	shall be sealed.		
	Rim joists	Rim joists shall include the air barrier.		
	Floors (including			
	above garage and cantilevered	• The air barrier shall be installed at any exposed edge of insulation.		
	floors)			
	Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor		
	-	retarder with overlapping joints taped.		
	Garage separation	• Air sealing shall be provided between the garage and conditioned spaces.		
	Chafta	Duct and flue shafts to exterior or unconditioned space shall be sealed.		
	Shafts Penetrations	• Utility penetrations of the air barrier sha be caulked, gasketed, or otherwise		
		sealed and allow for expansion, contraction of materials and mechanical vibration		
	Narrow Cavities	• Narrow cavities that are 1" or less that cannot be insulated shall be air sealed.		
	Recessed	• Recessed lighting installed in the building thermal envelop shall be sealed in		
<u> </u>	Lighting Plumbing wiring	accordance with Section 402.4.5		
	Plumbing, wiring or other	• All holes created by wiring, plumbing or other obstructions in the air barrier		
	obstructions	assembly shall be sealed.		
_		HVAC supply and return register boots that penetrate the building thermal		
	HVAC Boots	envelope shall be sealed to the subfloor, wall covering or ceiling penetrated by the boot.		
	Channen (halta an	Exterior walls adjacent to showers and tubs shall be insulated		
	Shower/tub on exterior wall	• The air barrier installed at exterior walls adjacent showers and tubs shall separate		
		them from the showers and tubs.		
	Electrical/phone box on exterior	• The air barrier shall be installed behind electrical, or communication boxes or air-		
	walls	sealed boxes shall be installed.		
_	Concealed	• When required to be sealed, concealed fire sprinklers shall only be sealed in a way		
	sprinklers	the manufacturer recommends. Caulking or other adhesive sealants shall not be used to fill voids between fire sprinkler cover plates and walls or ceilings.		
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Insulation Inspection				
	Ceiling/attic	• The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.		
	Walls	 Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier. 		
	Rim joists	Rim joists shall be insulated.		
	Floors (including above garage and cantilevered floors)	• Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.		
	Crawl space walls	 Where provided instead of floor insulation, insulation shall be permanently attached to the crawlspace walls. 		
	Narrow cavities	• Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity space.		
	Recessed lighting	 Recessed lighting fixtures installed in the building thermal envelope shall be airtight and IC rated. 		
Plumbing Rough-In Inspection				
	Plumbing and wiring	• Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.		
Mechanical Rough-In Inspection				
	Shafts, penetrations	 Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed. 		
	HVAC register boots	• HVAC register boots that penetrate building thermal envelope shall be sealed to the subfloor, wall covering, or ceiling penetration.		
Final Inspection				
	Recessed lighting	• Recessed light fixtures installed in the building thermal envelope shall be sealed to the finished surface.		
	Ceiling/Attic	 Access openings, pull down- stairs or knee wall doors to unconditioned attic spaces shall be sealed. 		
Note	Notes:			

Notes:

Massachusetts Energy Code Technical Support Program | 855-757-9717 | energycodesma@psdconsulting.com

Builder or Design Professional Signature: ______ Date: ______

ENERGY CODE SUPPORT HOTLINE: 855-757-9717 EMAIL: ENERGYCODESMA@PSDCONSULTING.COM

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