Residential Stretch Plan Review Checklist: Energy Rating Index Path



				Savings through energy efficiency
addition work ar	ns greater than 1,C	00 sqft or 100% of the e	existing conditioned flo	occupancy to dwelling units, oor area, and alterations where the nan 1,000 sqft or 100% of the existing
PROJE		DN		
Applica	ant Name:		Applicant	Phone:
Project	Address:			Date:
Project		Large Addition] Extensive Alteration	Changes of Occupancy or Use
				n Plans has been provided.
	A note indicating Insulation materia Fenestration U-fac Mechanical systen Mechanical and se Equipment and sy	the energy code compliants, depth, and R-values tors and solar heat gain the design criteria (Manual rvice water heating syst	ance path is the Energy coefficients (SHGC) J, Manual D, and Manu cems and equipment typ	
	Solar-Ready Zone		icated in construction c	documents, or an exception is
	true north Buildings with Buildings with annually	er 1,000 sqft Iwellings & townhouses a permanently installed	l onsite renewable ener is shaded for more tha	an 70 percent of daylight hours
	For one- and two- is shown. For Gro onsite parking is r	family dwellings and tov up R buildings: At least 2 ot provided, or parking	wnhouses with on-site p 20% of installed spaces is separated from the c	parking at least one EV Ready Space are shown as EV Ready. Exception: dwelling by a public right of way.
	Electrical site plan	shows wiring from the	electrical service to wit	hin six feet of each EV Ready Space
Fuel typ	oe: Mixed-fuel buildin All-electric buildin	g (contains combustion	equipment or piping fc	or such equipment) piping for such equipment)
	<i>lectric generation</i> construction docu	ments include provisior	ns for onsite electricity g	generation rated at 4 kW or higher?

Yes
No

				, check the appropriate Ma	aximum HERS Index S		
Clean Energy Application				New Construction until June 30, 2024	New Construction Permits after July 1, 2024	Major Alterations, Additions, or Change of Use	
	-uel Buil			52	42	52	
	lectric G		n	55	42	55	
All-Electric Building Solar Electric & All-Electric Building				55	45	55	
				following items will be v	verified by the code off	icial or by the HERS Rater.	
	Complie						
Y N NA				Mandatory Requirements per Table R406.2			
	1	,		Genera	I		
			R401.3	Certificate in utility ro	om or approved locatic	on to be installed	
			1	Building Therma			
			R402.1.1	Vapor retarders instal	led per MA Residential	Code R702.7	
\square			R402.2.3	Eave Baffles to be ins	talled in each bay		
Π			R402.2.4.1		oors to have retainer fo	or loose-fill insulation	
Π			R402.2.10.1				
			R402.4.1.1	Crawl space wall insulation installation installed per MA Residential Code Installation – Air barrier and insulation installation criteria shown on plans			
			R402.4.1.2		r test to be performed.	•	
			102.11.2	Mechanic			
					one thermostat per heatin	a and cooling system	
			R403.1	Programmable ther	-	<u> </u>	
				Heat pump supplen	nentary heat does not ope	rate when not needed	
					.2, R403.3.3, and R403.		
			R403.3		itioned space ≥ R-8 (≥ R- and airtight air handler is s		
			R403.3	Duct leakage testin		specified	
					to be used as ducts		
			R403.4	Mechanical system pi	oing insulation - Piping	> 105F or < 55F to be	
			11400.4	insulated to R-3			
			R403.5.1	Heated water circulat	ion and temp. maintena	nce systems have proper	
			R403.5.3		very units (only if prese	nt)	
			R403.6.1			RV) – HRV/ERV is specified	
			R403.7		efficiency rating - Man		
						ual 5 report provided. aply with C403 and C404	
			R403.8	(commercial)			
			R403.9		stems - Controls specifi	ed	
			R403.10	Energy consumption	of pools and spas – Hea	ter controls, pool covers	

	R403.10	Energy consumption of pools and spas – Heater controls, pool covers
	R403.11	Portable spas meet APSP 14
	R403.12	Residential pools and permanent residential spas meet APSP 15
		Electrical Power and Lighting Systems
	R404.1	Lighting equipment - All permanently installed lighting to be LED (except kitchen appliance lights)
	R404.2	Interior lighting controls - Dimmers or occupant sensors specified
	R404.4	Wiring for electric vehicle charging spaces

ENERGY CODE SUPPORT HOTLINE: 855-757-9717

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