

SUMMARY TABLE LISTING REAP 4.0 AMENDMENTS		
Description of Amendment	Objective of Amendment	Credit / Precondition Reference
Energy and Emissions		
Greenhouse gas intensity target reduced to the lowest level of BC Zero Carbon Step Code	Reduced greenhouse gas emissions from operating the building	E&E P2
Elimination of gas fireplaces for all buildings	Guarantees heating will not be provided by gas fireplaces which are high emitters of greenhouse gases	E&E P3
Electric vehicle charging infrastructure requirement added for commercial parking	Provide EV charging in the commercial parking spaces that are anticipated in future developments	E&E P11
Climate Adaption and Resilience		
Requirement for reduced energy used for cooling	Reduced energy demand from building's cooling system	CA credit 1.1
Requirement and incentive credit to design for wildfire risk reduction	Reduce risk to buildings from wildfire	CAP3 & CA2.1
Back up power requirements modified in optional credit	Incentivize projects to provide a refuge area (with washroom and kitchen) for residents that will have heating, cooling and filtered air, in a power outage	CA 3.1
Optional credit to provide design strategies that enhance social connection	Social connection increases health and wellbeing as well as community resiliency in climate events	CA 4.1
Optional credit to include strategies that reduce heat islands caused by development	Reduced temperatures outside and decreased cooling costs	CA 5.1
Materials and Resources		
Requirement to reduce embodied carbon by 10% using standardized methodology and incentives to reduce embodied carbon further	Reductions in embodied carbon for the building's structure and envelope	M&R P2 & M&R2.1
Revision and simplification of responsible materials optional credit	Incentivize building materials that are local, use sustainably sourced wood and promote transparent product information	MR 1.1
Water		
Adjustment to the rainwater management requirement to align with the UBC Integrated Rainwater Management Plan	Align with campus scale rainwater management (which considers future climate)	W P4
Biodiversity		
Requirement added for topsoil optimization	Increased plant health	BIO P1
Optional credit adjusted to include plant establishment and additional tree planting requirements	Improvement in the establishment of landscape / increase in the tree canopy	BIO 1.1
Place and Experience		
Requirement for additional community amenities and clarification of incentive community amenities	Increased social wellbeing of occupants who use improved community amenities	P&E P1 & P&E 1.1