

Table 2-6. Evaluation Criteria for Sustainability.

Objective:	Criteria	Indicator	Measure/Parameter
Reduce contribution to climate change	Low atmospheric emissions (e.g., noise, air, GHG) associated with the concept	Air, noise and GHG emissions during construction (vehicle and heavy equipment emissions)	<ul style="list-style-type: none"> Change in emissions relative to "Do-Nothing" baseline concept
Reduce contribution to climate change	Low atmospheric emissions (e.g., noise, air, GHG) associated with the concept	Air, noise and GHG emissions during "operation/implementation" (e.g., air conditioning, use of fossil fuel)	<ul style="list-style-type: none"> Change in emissions relative to "Do-Nothing" baseline concept
Reduce contribution to climate change	Heat island effect	Ability for the concept to increase vegetation and reduce unnatural hard surfaces (e.g., concrete)	<ul style="list-style-type: none"> Overall area of vegetation (trees, green roofs) and ability to provide shade throughout the site Overall area of hard surfaces
Include sustainable infrastructure and buildings	Infrastructure resilience to climate change (temperature, rain, wind, snow and ice, freeze thaw cycles, wildfires)	Ability for the concept to align with all applicable building codes (e.g., Canadian Standards Association)	<ul style="list-style-type: none"> Compliance with codes and standards (as-built/design documents)
Include sustainable infrastructure and buildings	Infrastructure resilience to climate change (temperature, rain, wind, snow and ice, freeze thaw cycles, wildfires)	Adaptability and resilience of infrastructure to withstand a changing climate	<ul style="list-style-type: none"> Infrastructure and site to withstand severe weather and temperatures Designed for longevity
Include sustainable infrastructure and buildings	Green Infrastructure design and build	Compliance with: <ul style="list-style-type: none"> Toronto Green Standards Waterfront Edge Design Guidelines 	<ul style="list-style-type: none"> Number or size of certified buildings, as applicable Building approvals Zero Carbon Emissions SITES certification (i.e., sustainable sites)
Sustainable Communities	Community-based solutions	Environmental and/or socio-economic benefits	<ul style="list-style-type: none"> Green infrastructure solutions (e.g., permeable paving, green roofs) Climate change solutions (e.g., design new building to have zero carbon emissions, reduce parking on-site, potential for solar power)