

### **Opportunities for Implementation of Green Building Standards within the Zoning By-law**

Staff have identified opportunities for certain metrics within the Green Building Standards to be implemented through Zoning By-law No. 05-200. Staff also reviewed the Zoning By-law for amendments required to facilitate the Green Building Standards, such as assuring definitions align.

The table below identifies elements within the Green Building Standards that have an opportunity to be enforced through the Zoning By-law, or where amendments are required for alignment with the Green Building Standards.

Impact Category	Performance Requirement	Zoning By-law Implementation	Status
Energy and Carbon	Electric Vehicle Charging Infrastructure	On February 23, 2024, in Report PED22154a, staff brought forward By-law No. 24-052, which implemented standards for electric vehicle charging infrastructure to be required through parking regulations. The By-law has since been appealed to the Ontario Land Tribunal. At such time that the Ontario Land Tribunal issues an order, this decision will be implemented within Zoning By-law No. 05-200 as required.	In Progress
Energy and Carbon	Electric Bicycle Charging Infrastructure	There is an opportunity to introduce minimum parking requirements for electric bicycle charging infrastructure in Zoning By-law No. 05-200. If provisions and standards are included, a definition for electric bicycle charging infrastructure should be added to Zoning By-law No. 05-200.	To Be Completed
Community and Urban Design	Bicycle Facilities	Through the City-led Zoning By-law Reform project, the City undertook a review and update of bicycle parking standards. As a result, Section 5.4 of Zoning By-law No. 05-200 establishes minimum bicycle parking requirements in accordance with the Minimum Bicycle Parking Schedule.	Completed

Impact Category	Performance Requirement	Zoning By-law Implementation	Status
Ecology and Biodiversity	Heat Island Effect	<p>Zoning By-law No. 05-200 defines a Green Roof as “A treatment to a rooftop that supports living vegetation and includes a synthetic, high quality waterproof membrane, drainage layer, root barrier, soil layer, and vegetation layer.”</p> <p>Zoning By-law No. 05-200 defines Landscaped Area as “any portion of a lot which: a) Contains no building thereon; b) Is not used for parking, access to parking, driveways or loading space; c) Is used for the purpose of landscaping; and, d) Landscaped areas may include bell pedestals and light standards but shall not include courier or mail boxes.”</p> <p>There is an opportunity to include “Green Roof” within the definition of “Landscaped Area”.</p>	To Be Completed
Ecology and Biodiversity	Native Species Planting	<p>To help support implementation of the Ecology and Biodiversity Performance Requirements, there is an opportunity for the City to consider revising the definition of “Landscaped Area” and/or “Landscaping” in Zoning By-law No. 05-200 to refer to native or adapted species, as referenced in the Green Building Standards. Further, there is an opportunity to introduce additional requirements for “Soft Landscaping” which requires a minimum amount of landscaped area to be planted, permeable area.</p>	To Be Completed