A. J. Clarke and Associates Ltd.
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August 18, 2023

The City of Burlington
Planning Department

Sustainable Building and Development Guidelines Checklist

1160 Blair Road, Burlington

The following chart has been prepared based off the City of Burlington Sustainable Building and Development Guidelines, that are applicable to the Zoning By-law Amendment Stage.

Item	Required or Voluntary	Guidelines	Implementation	Response
1.6	Voluntary	**Site Disturbance:** On greenfield sites, limit site disturbance including earthwork and clearing of vegetation to 12 metres beyond the building perimeter, 1.5 m beyond primary roadway curbs, walkways, and main utility branch trenches, and 7.5 m beyond constructed areas with permeable surfaces (such as pervious paving areas) that require additional staging areas in order to limit compaction in the constructed area. Or on previously developed sites, restore a minimum of 50% of the site area (excluding the building footprint) by replacing impervious surfaces with native or adapted vegetation.	OPA/ZBLA and Site Plan	The applicant is increasing the amount of landscaping area, including both around the new building and around the re-developed parking area. They will be working with the City through the Site Plan approval process to optimize the amount of landscaping.
1.7	Voluntary	**Rationale:** The City's Official Plan contains policy to encourage adaptive re-use of built heritage resources where appropriate.	OPA/ZBLA and Site Plan	N/A proposed redevelopment does not impact built heritage resources.

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		Adaptive reuse integrates cultural heritage resources or their key attributes into a new development and makes use of existing building stock. **Resource:** N/A **Incentive:** Sustainable Building Award		
2.1	Required	**Site Connections:** Provide pedestrian and cycling connections from on-site buildings to off-site public sidewalks, pedestrian paths, trails, open space, active transportation pathways, transit stops and adjacent buildings and sites in accordance with Official Plan policies.	OPA/ZBLA and Site Plan	The proposed design provides continuous on site sidewalks around the building to all units which connect to the public sidewalks providing for pedestrians and cyclists connections in accordance with the Official Plan.
2.3	Required	**Bicycle Storage:** Provide bicycle parking spaces in accordance with the Zoning By-law and Official Plan Policies.	OPA/ZBLA and Site Plan	The proposed development provides for 16 bicycle parking spaces which is in excess of the required 13 parking spaces as per the Zoning By-law and the Official Plan.
2.4	Voluntary (see exception)	**Transportation Demand Management:** Provision and implementation of a Transportation Demand Management Plan. Required for parking reductions and required in Primary, Secondary and Employment Growth areas as per Official Plan policy.	OPA/ZBLA and Site Plan	Transportation Demand Management Measures were provided within the Transportation Impact Study, which notes the additional parking spaces, and internal additional pedestrian connections.
2.5	Voluntary	**Bicycle Storage (Occupants):** Locate occupant/employee bicycle parking near the main entrance or easy to identify area, in a weather protected area with controlled access or secure enclosures, at no extra charge to the occupant/employee.	OPA/ZBLA and Site Plan	Will be addressed through Site Plan

2.6	Voluntary	**Bicycle Storage (Visitor):** Provision of bicycle parking spaces in a weather protected area at grade near the main entrance or easy to identify area.	OPA/ZBLA and Site Plan	The proposed bicycle storage areas are located at grade and are easily identifiable.
3.8	Voluntary (See exception)	**Enhanced Tree Preservation:** Maintain existing on-site trees that are 30 cm or more DBH (diameter at breast height) OR Maintain 75% of healthy mature trees greater than 20 cm DBH. **Note:** Tree preservation requirements will be determined by Official Plan urban forestry policies.	OPA/ZBLA and Site Plan	The proposed development will save all existing trees on site.
3.9	Voluntary (See Exception)	**Restoration and Enhancement:** Complete and implement a restoration and/or enhancement plan that demonstrates net gain for Natural Heritage System areas, including a management and monitoring plan. May be required as a result of Environmental Impact Assessment recommendations.	OPA/ZBLA and Site Plan	N/A, within the Site and vicinity there are no Natural Heritage Systems.
4.1	Required	**Stormwater Quality:** Achievement of a level one/enhanced stormwater treatment for all stormwater runoff.	OPA/ZBLA and Site Plan	Will be addressed through Site Plan
4.3	Voluntary	**Pervious Surfaces:** minimization of impervious surfaces and stormwater runoff through the use of Low Impact Development (LID) measures, such as: • permable pavement; • bioswales; • infiltration trenches/bioretention areas; • rain gardens; • draining roofs to pervious areas, and;	OPA/ZBLA and Site Plan	Proposed development includes a green roof and increased landscapes areas to increase pervious surfaces.

		• other innovative stormwater management strategies		
5.1	Required	**Urban Heat Island:** Provide vegetated landscape areas in hard surface areas as per the Zoning By-law.	OPA/ZBLA and Site Plan	Increased landscaped areas, to reduce urban heat island effect.
6.1	Required	**Waste Management Plan:** Provide and implement a waste management plan in accordance with Regional requirements.	OPA/ZBLA and Site Plan	Will be addressed through Site Plan
8.1	Voluntary	Innovative design or performance features not listed that receive approval from the City.	OPA/ZBLA and Site Plan	The proposed development includes for solar panels to be installed on the existing roof to provide for onsite energy generation and provide energy security.

Regards,

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