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4496 TOMKEN ROAD: LIST OF LID FEATURES

The following list of Low Impact Design (LID) features will be contemplated by the applicant throughout the design process and investigated further to determine whether they are appropriate for inclusion in the proposed development:

Building and Landscape Features

- EV Ready Parking – Design aligns with requirements of at least 6% of parking spaces as EV-ready.
- High-Albedo Roof – Roof materials have an initial SR of at least 82.
- High-Albedo Paving – SRI of non-roof paving materials (initial SRI must be at least 0.33).
- High-Albedo Materials - Reduce ground level air temperature and provide for a more comfortable microclimate for pedestrians.
- Recyclable Waste Collection – Dedicated storage and collection of recyclables will be provided.
- Entry Pediment – Permanent entryway systems at least 10 ft. (3 m) long in the direction of travel at all regularly used exterior entrances to the building.
- Bicycle Facilities – Short term bicycle storage for at least 2.5% of all peak visitors (min 4 storage spaces per building); and Long term bicycle storage for at least 5% of all regular building occupants (min. 4 storage spaces per building).
- Heat Island Reduction – Meet criteria for both at-grade and roofing measures using a combination of shading, high-reflective paving and roofing materials.
- Light Pollution Reduction – Do not exceed the mandated luminaire upright or illumination spill from site.
- Outdoor Water Use Reduction – Landscape will not require a permanent irrigation system beyond a maximum two year.
- Softscape Areas - Maximize softscape areas to contribute to on-site stormwater management.
- Tree Replacement Ratio - Maximize replacement ratio for trees lost due to construction.
- Reduce Urban Heat Island Effect - Maximize large canopy trees to contribute positively towards the urban canopy and reduce urban heat island effect.

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- Planting - Provide plant species known for remediation benefits to help manage pollutants contained within stormwater runoff.
- Planting - Provide hardy, low maintenance plant species to reduce the reliance on irrigation systems; eliminating the need for mechanical irrigation would be ideal.
- Native Plant Species - Provide locally and regionally native plant species.
- Permeable Paving - Explore opportunities to include permeable paving (unconfirmed) to further manage on-site stormwater management.

Engineering Features

- Stormwater Run-Off - Utilize infiltration, evapotranspiration, and/or water reuse LID practices to retain runoff on -site resulting from a 5 mm rainfall event.