

Sustainable New Communities Program: Sustainability Snapshot

City File Number: OZS-2022-0035

Municipal Address: 22, 24, 26, 28, 32 John Street

Applicant Name: Gagnon Walker Domes Ltd.

Property Owner Name: Mario Matteo Silvestro, Guido D'Alesio, 2088205 Ontario Inc.

Application Type: Site Plan

SUSTAINABILITY SCORE: **68**

THRESHOLD ACHIEVED: **Silver**

Built Environment			
Indicator	Metric	Level	Points
Proximity to Amenities			
BE-1	Three or more amenities are within 800 metres (i.e. 10 minute walk) of 75% of dwelling units.	Good	1
BE-1	Three or more amenities are within 400 metres (i.e. 5 minute walk) of 75% of dwelling units.	Great	2
Mixed-Use Development			
BE-2	A mix of uses are provided on the same lot or block.	Good	1
Housing Diversity			
BE-3	Two accommodation types listed are provided: Live-work, Purpose-Built Rental, Studio, 1 bedroom, and/or 2 or more bedrooms.	Good	1
Urban Tree Canopy and Shaded Walkways			
BE-6	Trees will shade at least 50% of the walkway/sidewalk lengths within 10 years.	Good	1
Carshare and Carpool Parking			
BE-8	3% of parking spaces on-site are dedicated to carpooling and/or carshare/zip car.	Good	1
Surface Parking Footprint			
BE-9	All new on-site parking is provided below grade or in structured parking, and no surface parking is provided.	Excellent	3
Electric Vehicle Charging Stations			
BE-10	Electric vehicle supply equipment (EVSE) is provided to serve 10% of parking spaces.	Good	3
Mobility			
Indicator	Metric	Level	Points
Walkable Streets			
MB-4	Continuous sidewalks or multi-use trails are provided on both sides of public and private roads/streets.	Good	2
Pedestrian Amenities			
MB-5	Pedestrian connections are provided between a building entry and other destinations on the site and to destinations on adjacent properties.	Good	1

MB-5	More than 1 type of pedestrian amenity is provided along on-site connections and between the site and adjacent destinations.	Great	1
Bicycle Parking			
MB-6	Bicycle parking are located in close proximity to building entrances. Short-term bicycle parking is located within 25 meters of building entrance if outdoors. Long-term bicycle parking is located within 50 meters of an entrance. All bicycle parking is weather protected.	Excellent	2
Trails and Cycling Infrastructure			
MB-7	The objectives of the municipal Active Transportation Master Plan and/or Trails/Pathways Master Plan are being implemented.	Good	1
Active Transportation Network			
MB-8	100% of residents/jobs will be within 400 metres of an existing, approved, or proposed public multi-use trail or cycling infrastructure (e.g. bike lane).	Good	2
Distance to Public Transit			
MB-9	The site is within 800 metres walking distance to an existing or planned commuter rail, light rail, bus rapid transit or subway with frequent stops.	Good	1
MB-9	The site is within 400 metres walking distance to an existing or planned commuter rail, light rail, bus rapid transit, or subway with frequent stops.	Great	1
Natural Environment and Parks			
Indicator	Metric	Level	Points
Soil Quantity & Quality for New Trees			
NE-2	A minimum of 30 cubic metres (m3) of soil and a minimum of 100 centimetres (cm) of uncompact soil depth is provided for each new tree.	Good	2
Healthy Soils			
NE-3	A minimum topsoil depth of 200 millimetres (mm) is provided across the entire site (excluding paved surfaces).	Good	1
Supporting Pollinators			
NE-6	Native plants that support pollinators make up 25% of total quantity of plants proposed.	Good	1
Stormwater Quantity			
NE-9	Runoff volume from the 10 millimetre (mm) rainfall event is retained on site.	Good	2
Stormwater Quality			
NE-10	Over 80% of Total Suspended Solids (TSS) are removed from all runoff leaving the site during a 25 millimetre (mm) rainfall event.	Good	1
Infrastructure & Building			
Indicator	Metric	Level	Points
Accessibility for Multi-unit Dwellings			
IB-2	For multi-unit residential buildings, a minimum of 25% of the dwelling units incorporate accessibility features outlined in the Ontario Building Code (OBC).	Good	2
IB-2	For multi-unit residential buildings a minimum of 35% of the dwelling units incorporate accessibility features outlined in the Ontario Building Code (OBC).	Great	1
Building Accessibility			

IB-3	50% of emergency exits above the Ontario Building Code (OBC) requirements are barrier free.	Good	1
Supplementary Cementitious Materials			
IB-4	All concrete on site includes a minimum of 20% Supplementary Cementitious Materials (SCMs).	Good	1
Heat Island Reduction: Non-Roof			
IB-7	For both residential and non-residential development, at least one strategy to reduce the heat island effect is applied to 50% of the site's non-roof landscaping. For non-residential development, a minimum of 75% of at-grade parking spaces is under cover.	Good	2
IB-7	At least 1 strategy to reduce the heat island effect is applied to 75% of the site's non-roof landscaping.	Great	1
Heat Island Reduction: Roof			
IB-8	Cool roof treatment is provided for 100% of the available roof space.	Great	2
IB-8	Green roof is provided for 50% of the available roof space.	Great	4
Energy Strategy			
IB-11	An Energy Strategy has been prepared that identifies and evaluates opportunities to reduce energy use intensity and greenhouse gas emissions intensity to a net-zero ready level.	Great	3
Building Energy Efficiency, GHG Reduction, and Resilience			
IB-12	• Part 9 Residential Buildings (3 storeys or less, and less than 600 m ² in GFA) achieve ENERGY STAR for New Homes v.17.1 or R-2000 requirements (or equivalent). • Part 3 Buildings: Multi-Unit Residential, Office and Retail (more than 3 storeys, or more than 600 m ² in gross floor area) achieve the following whole-building performance: Total Energy Use Intensity (TEUI) = 170 kWh/m ² .yr; Thermal Energy Demand Intensity (TEDI) = 70 kWh/m ² .yr; Greenhouse Gas Emissions Intensity (GHGI) = 20 kgCO ₂ /m ² .yr • All Other Part 3 Buildings achieve at least a 15% improvement in energy efficiency over OBC SB-10, Division 3 (2017) reference building.	Good	3
IB-12	Building commissioning will be conducted, per the requirements referenced in LEED BD+C v4 Fundamental Commissioning and Verification pre-requisite.	Great	3
IB-12	Whole-building air leakage testing will be undertaken.	Excellent	4
IB-12	Electricity and/or thermal sub-meters for all energy end-uses that represent more than 10% of the building's total energy consumption is provided.	Good	3
Light Pollution Reduction			
IB-17	All exterior light fixtures are Dark Sky Compliant.	Good	1
Bird-Friendly Design			
IB-18	A combination of Bird-Friendly Design strategies are applied to at least 85% of contiguous glass area greater than 2 square metres (m ²) within the first 16 meters of the building above-grade (including interior courtyards) and above green roofs.	Good	2
Solid Waste			
IB-19	For multi-unit residential development, a waste sorting system for garbage, recycling, and organics is provided. If a building has 31 units or more or is more than 5 storeys, three separate chutes for garbage, recycling, and organics collection on all floors is provided.	Good	1

IB-19	Residential: An accessible waste storage room with a minimum 25 square metres (m2) of floor space for the first 50 units plus an additional 13 square metres (m2) for each additional 50 units will be provided to accommodate containers and compactor units. Non-residential: A fully enclosed waste storage space to accommodate garbage and materials diversion of recycling and organics is provided.	Good	1
IB-19	A minimum of 10 square meters (m2) of floor space is provided for bulky items and items eligible for special collection services.	Good	1
IB-19	A dedicated collection area or room for the collection of household hazardous waste and/or electronic waste is provided.	Great	1