



**Cachet Woods Court
Markham, Ontario**



Presenting an impressive collection of
exclusive net positive energy condo office spaces
conveniently located in Markham.



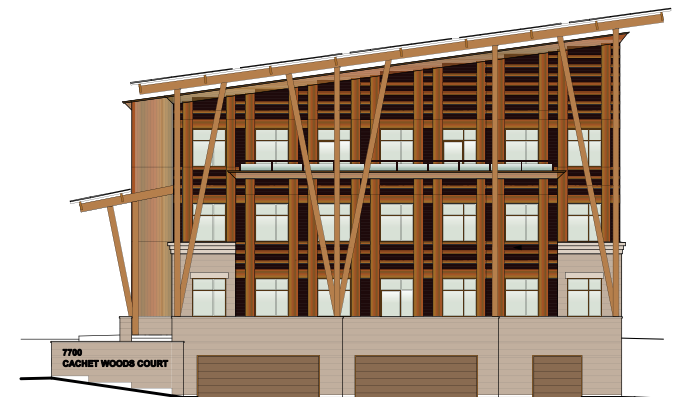
For Sale or Lease
667 sq.ft. to 20,000 sq.ft.



SOUTH ELEVATION



WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION

Howland Green Business Centre

This is one of the first and only net positive energy office buildings in Canada, with zero-carbon footprint. Howland Green Business Centre will be a revolutionary landmark achievement with the greatest ecological leap forward. Powered by sun and geothermal energy, it will stand 3 storeys tall and offer over 58,000 sq. ft. of office space and serve as the perfect combination of ecology, economy and construction innovation.

Featuring:

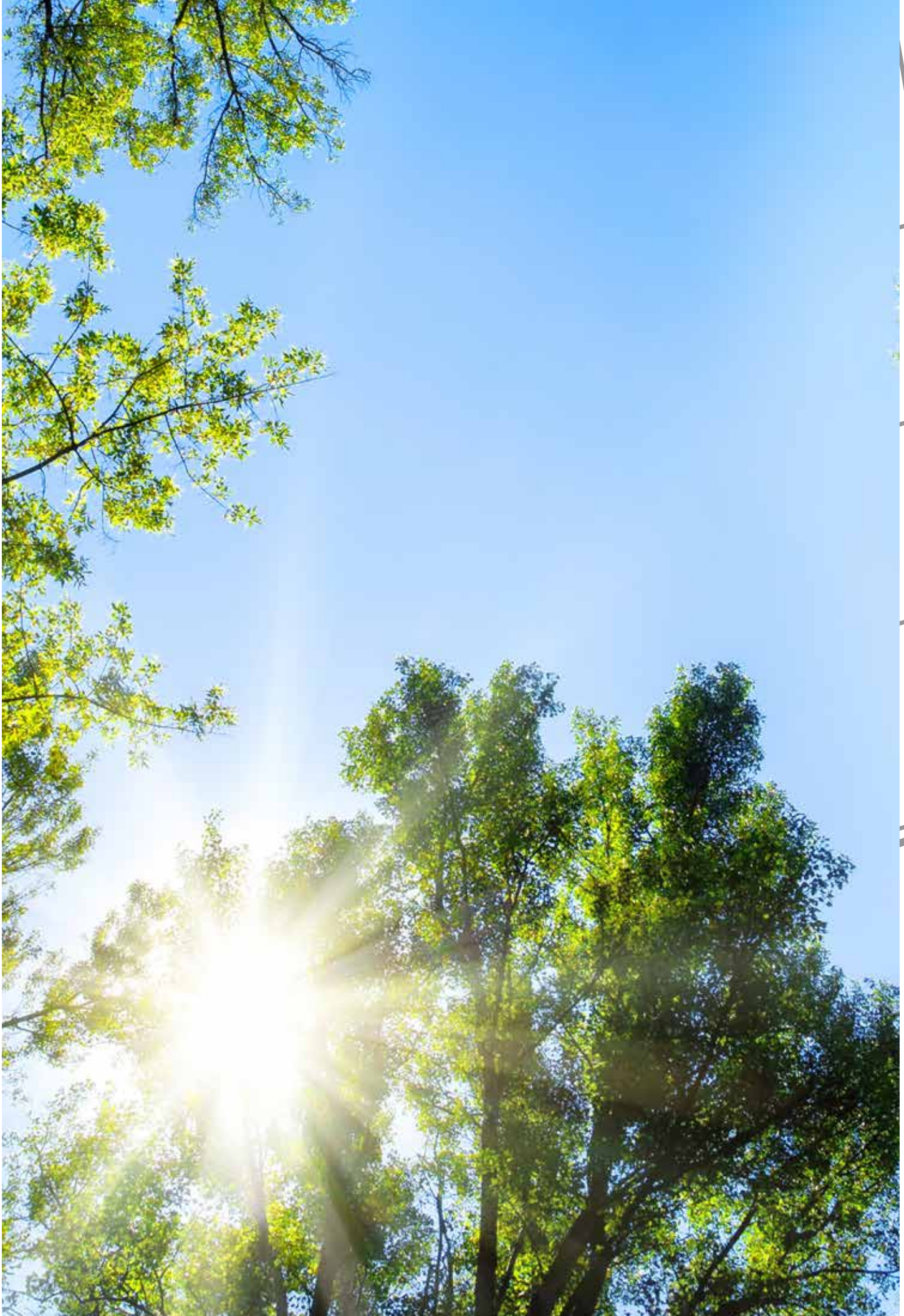
- 3 storeys with 2 elevators
- Suites range from 667 sq.ft. to 20,000 sq.ft.
- Above and underground parking (2 levels underground)
- Storage space also available for sale or lease
- Electric car charging stations
- ERV – Energy Recovery Ventilator
- Super insulated basements
- EICF (enhanced insulated concrete forms)
- R9 rated windows
- Bicycle parking
- High efficient LED lighting - motion activated

An environmental building that:

- Produces more clean energy than it uses each year
- Has individual geothermal heating and cooling controls
- Harnesses all rainwater and recycles it on site
- Has the lowest condominium fees
- Uses less energy per square foot than any other office building
- Has 360,000 watts of photovoltaic panels
- Stores energy for later usage using high-tech battery and pneumatic systems
- Has state-of-the-art efficient lighting

A building for sustainable office living.

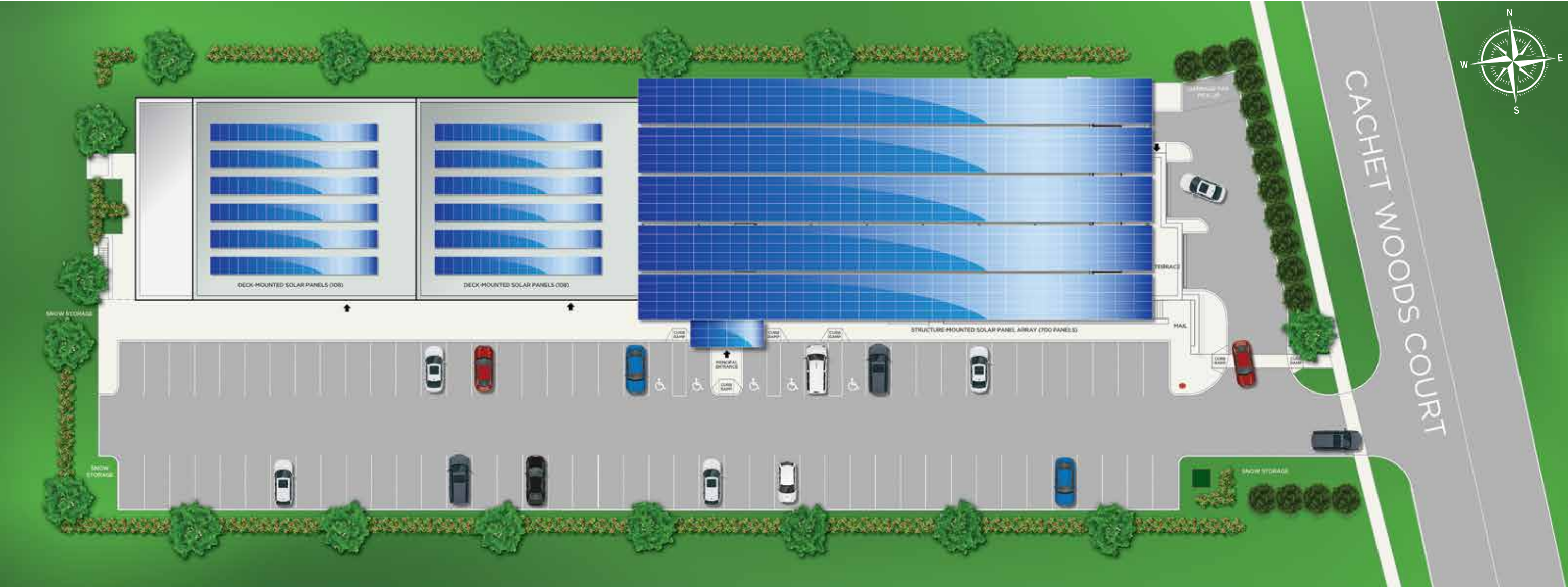
Make your next move to Howland Green Business Centre.



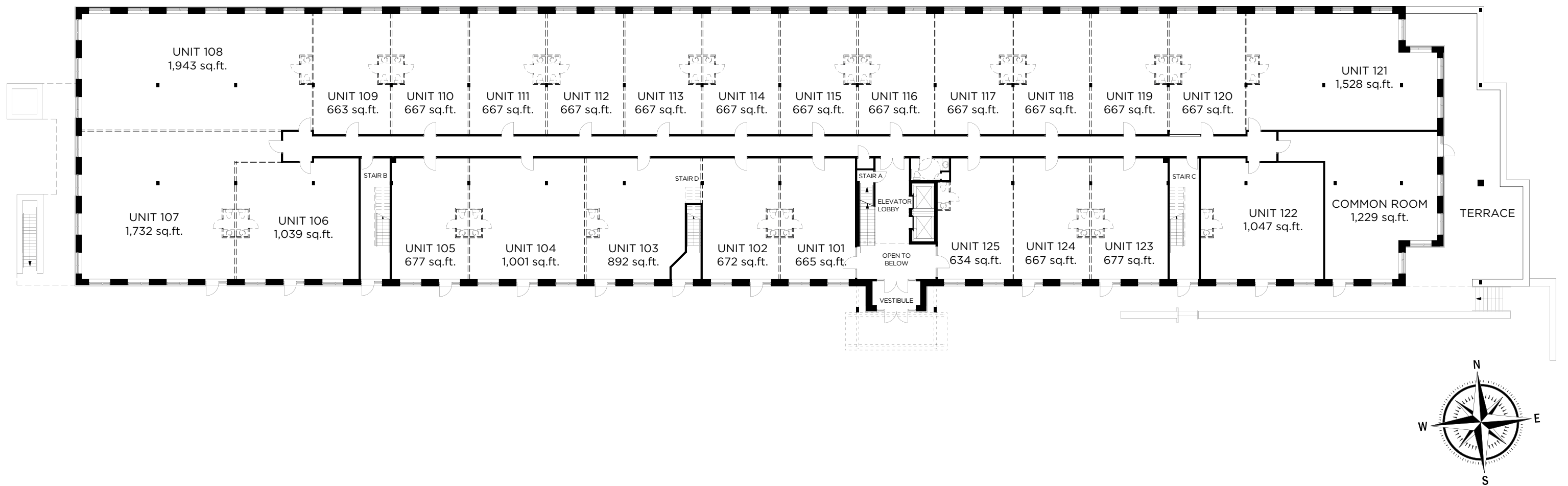
CORPORATE HEAD OFFICES

- | | | |
|--|--|--|
| 1 Lexmark Canada | 9 Ecco Shoes Canada Inc.,
Smucker Foods Canada
NGK Spark Plugs Canada Ltd. | 13 IBM Canada Ltd. |
| 2 Bank of China | 10 Allergan Inc.,
Motorola Solutions Canada | 14 BMW Canada |
| 3 Scholastic Canada | 11 Hallmark Canada, PetValu Canada Inc. | 15 Staples Business Depot, Pactiv Canada,
Rubicon Food Products Limited |
| 4 Lego Canada Inc. | 12 Johnson & Johnson Inc.,
Swarovski Canada Ltd.,
ASUS Computer International Canada | 16 Mazda Canada |
| 5 Hyundai Auto Canada Corp. | | 17 Nutrition House |
| 6 Huawei Technologies Canada | | 18 Mucho Burrito Headquarters |
| 7 Yogen Früz, Under Armour Canada,
Mary Brown's & Wimpy's Diner | | 19 Randstad Technologies |
| 8 Caffé Demetre Corporation | | 20 Amico Corporation, TP-Link Canada |

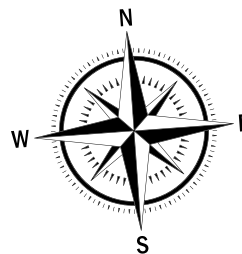
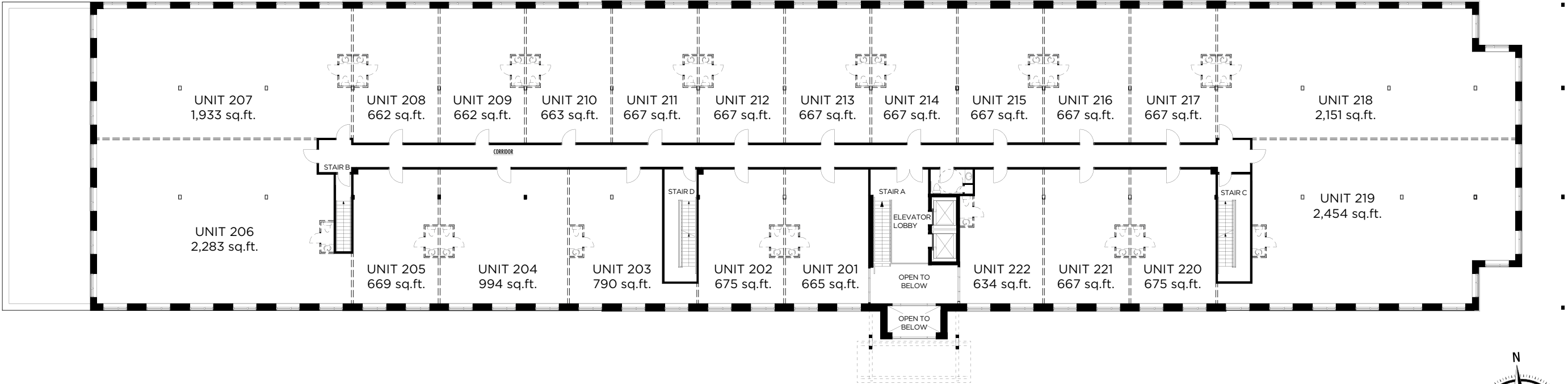
SITE PLAN



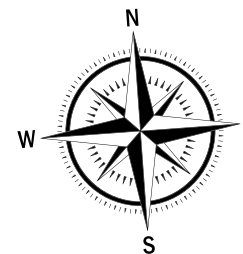
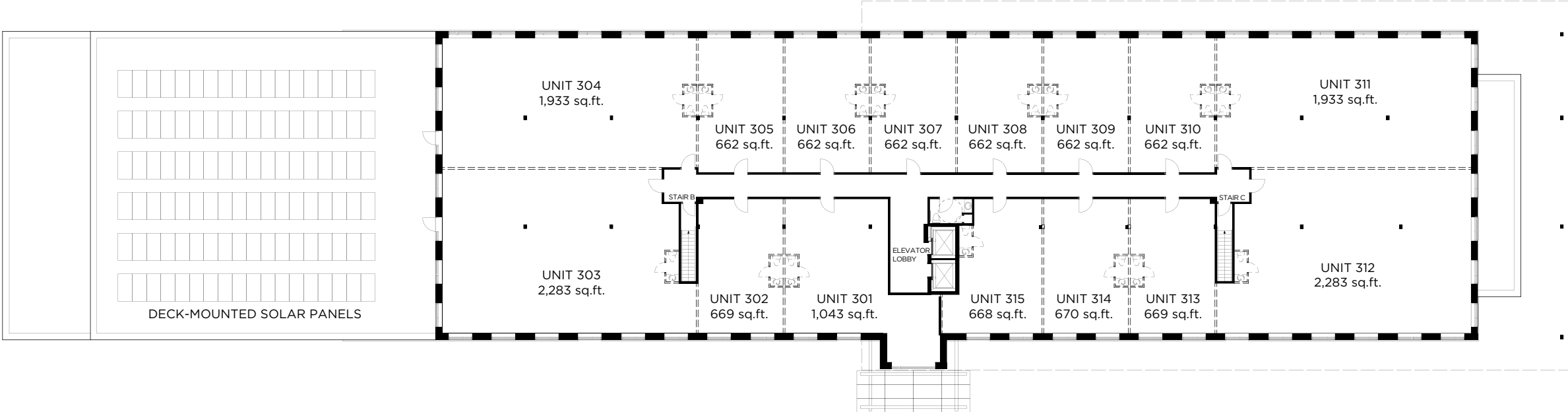
GROUND FLOOR



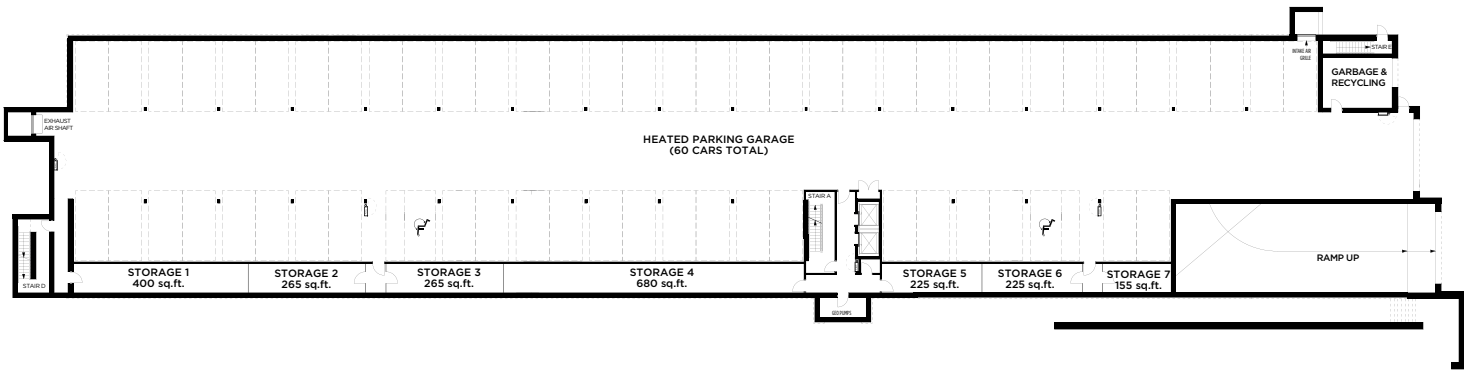
SECOND FLOOR



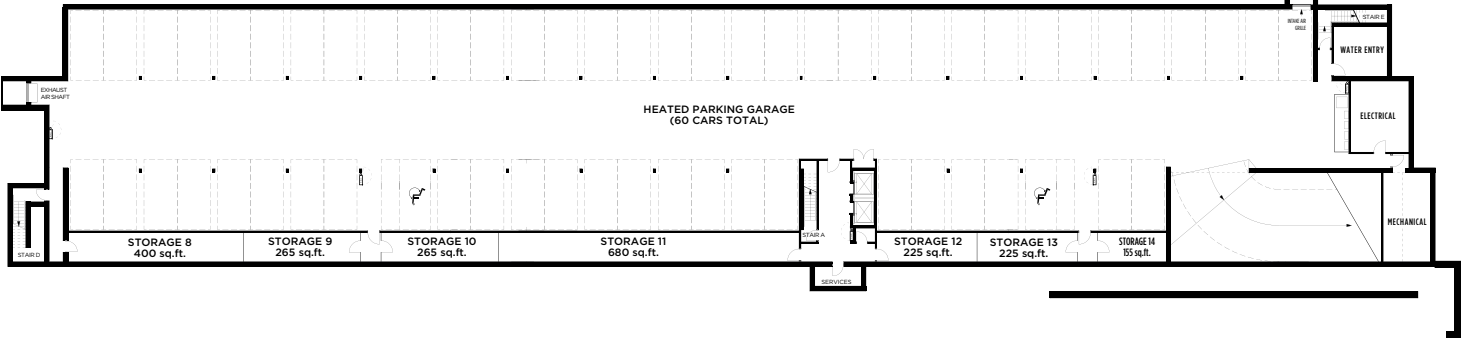
THIRD FLOOR



BASEMENT LEVEL 1



BASEMENT LEVEL 2



Howland Green Building System

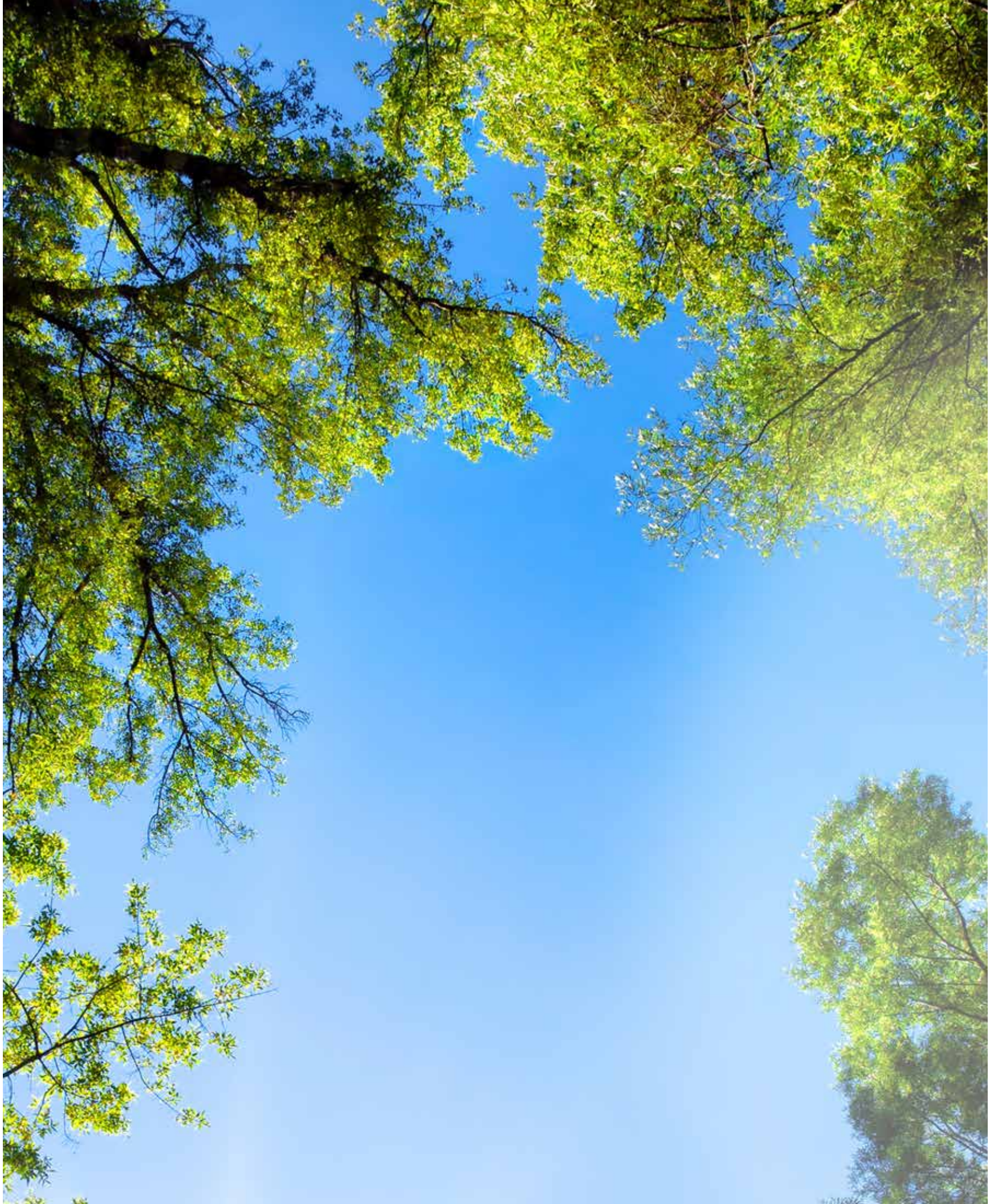
Howland Green is different. As a Net Positive builder, it stands alone in Canada. The objective of the building system is to produce more “carbon free” energy through wind and solar than the building uses annually on an operational basis. This is accomplished primarily by driving down the demand for energy while capturing and producing more than what is needed. The time frame analysis is one year and the surplus will be carried forward for statistical purposes only.

The system of energy reduction is a function of the building design. A summary of the primary components is as follows;

- **EICF** — meaning Enhanced Insulated Concrete Formwork. The entire outside, that area exposed to thermal transmission, is constructed not just of ICF but new ICF designed specifically for Howland Green, going beyond the norm. This results in a combined wall sandwich thermal resistance value of at least R40, far in excess of any other standard.
- **Roof Insulation** — with buildings constructed with large roof areas, the need to arrest thermal loss is highly important. That is why the standard for Howland Green is R80, approximately 4 times greater than building code. The result is essentially blockage of energy loss/gain, depending on the season.
- **Quality Windows** — as the weakest link in the outside shell of the building, attention is given to using the best windows available. Triple glazed, once thought to exceed all others, has been surpassed by new technology in fiberglass construction with resistance values as high as R9.
- **Lighting** — all lighting is high efficient LED with motion sensors where applicable.
- **Geothermal** — HVAC is generally thought of as the most consumptive use of energy in buildings. Our latest geothermal technology produces customized heating and cooling at a minimal cost. Each unit has its own controls and switching from heat to cool is a simple flip of the switch. The entire building shares “in-ground” geo looping that has virtually no maintenance to it. Load sharing through the use of current technology means we can cool one side where the other side needs heat. The result is comfort at your fingertips.
- **Covered Garage Ramp** — no need to worry about ramps icing up in the winter because of dysfunctional ramp melting. All ramps are fully enclosed and entrance to the garage is always a “click” away.
- **Garage Comfort** — through the use of the EICF technology, the garage levels always maintain an even temperature without employing any heaters or coolers.
- **Hot Water Storage** — individual storage tanks are thermally wrapped to eliminate “standby energy” due to infrequent use.
- **Monitoring** — each unit is monitored as well as the entire building for energy characteristics. This allows for adjustments to improve overall efficiency.
- **Photovoltaic** — larger than any other array, Howland Green Business Centre will provide approximately 360,000 watts of photovoltaic capture. This will generate about 475,000 kWh of clean, green energy, leaving no footprint and helping to offset the carbon footprint of others as the operational demand will be close to 430,000 kWh for the entire building.
- **Pneumatics** — in addition to the many other energy efficiencies in HGBC, the introduction of pneumatic energy storage will be a first. As the world wrestles with how to deal with vast amounts of energy reaching the earth and how to store it, the simple use of compressed air will provide for potential energy to be used when it is needed as opposed to when it is available. Pneumatically driven garage door motors are one example of how we can depart from “electric” only in how we will “make things work”! Although not available yet, the day will come when elevators can take advantage of this use.
- **Sustainable Managing** — The technology, although somewhat new, is not difficult. There is, however, a good need for proper care and control. That is why Howland Green Management Ltd. will stay with the building to manage its operation for years, giving comfort and assurance to those who work there that the efficiencies and technologies are working at peak performance.

About Solar

Solar energy in the form of electricity will be collected and fed back into the grid through a “2-way” meter. At the end of the year more energy will flow out than is being used (net positive energy). The energy (electricity only) will be metered by an independent operator and charged to each unit owner at the same rate as used by the local utility. This income will flow to the condominium corporation to offset other costs.



Howland Green — Creating buildings that produce more energy than they require.

Dave de Sylva P.Eng., President of GreenLife Del Ridge is pleased to announce the next step to greater sustainability with Howland Green Homes Ltd. A new and even better commitment to real change in a building system that has brought great recognition and awareness in the building world. Howland Green means building beyond the Net Zero standard into Net Positive territory. It means even more insulation, greater technology in conservation, advanced energy sharing practices resulting in even lower operating energies and lower operating costs. Howland Green is committed to producing more clean energy from Solar and Wind than ever before. Howland Green now sets the standard for others to follow. Make your next home or business choice a Howland Green one.



Bronte Corporate Centre - Milton



GreenLife Centre - Markham



Bronte Professional Place - Milton



GreenLife Business Centre - Milton





howlandgreen.com

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Materials, specifications and floor plans are approximate and are subject to change without notice. Broker's Protected. E. & O. E.