

## **Groundbreaking: Construction of New TRCA Administrative Office Building**

### **Fact Sheet**

#### **Timeline:**

- Groundbreaking: June 7, 2019
- Construction: June 2019 – Summer 2021
- Occupancy: Summer 2021

#### **Location:**

- 5 Shoreham Drive, Toronto, Ontario (near York University, immediately west of Aviva Centre – Home of Tennis Canada)
- Site of TRCA's previous permanent head office
- At the approximate centre of TRCA's area of jurisdiction
- Backs onto Black Creek Ravine

#### **Building Design and Layout:**

- The building is sited to both embrace the Black Creek Ravine landscape and extend into the site and visually into the building. The building increases in height gradually with the lowest part adjacent to the ravine and the highest part facing Tennis Canada.
- The main floor area is a light filled space dominated by two atria and four solar chimneys. The main floor space allows for large public gatherings such as board meetings, transitional exhibition space, as well as an inviting cafeteria. The majority of TRCA's staff will be accommodated on the second, third and fourth floors in an open plan that brings light to the workstations from the perimeter and the atria.

#### **Building Certifications**

- Toronto Green Standard Tier II
- Leadership in Energy and Environmental Design (LEED) Platinum
- WELL Silver

#### **Green Building Features and Facts**

- The 8,100 square metre, four-storey, mass timber office building will accommodate over 400 TRCA staff members.
- The building will be part of the Canadian Green Building Council's Zero Carbon Building Program as a pilot study.
- Solar thermal panels on the roof will provide recharge energy to the geothermal field.
- Four solar chimneys will be combined with water-carrying transparent air ducts called waterwalls distributed visibly in two in atria on the inside of the building. The solar chimneys provide tempered air that is fed into a raised floor plenum. The waterwalls combined with operable windows within a double layer of glazing will greatly reduce the building's energy use.

- The project will restore green infrastructure systems, managing stormwater runoff for, at minimum, the first 25 mm of rainfall. Rainwater harvesting gardens, bioswales and permeable pavement will also be used.
- The landscape design will follow low impact design guidelines and feature native species.
- Rainwater will be harvested to irrigate a green roof.
- Electric vehicle charging stations for TRCA staff and visitors will support and promote electric vehicle use.