

Data Sheet

Library, exhibition space and museum collection conservation centre
2727, boulevard Thimens, Saint-Laurent

Total area	5800 square meters
Library	4293 square meters
Exhibition space	427 square meters
Museum collection conservation centre (Musée des maîtres et artisans du Québec)	1080 square meters

- New construction that reinforces the civic vocation of Boulevard Thimens and that offers a new point of entry to the Parc Marcel-Laurin woodland.
- In compliance with Montréal's policy on sustainable development for municipal buildings, the project is aiming to obtain LEED "Gold" certification (Leadership in Energy and Environmental Design).

SUMMARY DESCRIPTION

SUPERSTRUCTURE AND ENVELOPE

- Exterior envelope: cut stone, cladding in zinc and kiln-dried lumber certified by the Forest Stewardship Council (FSC).
- Windows and glass tower: curtain-wall in black anodized aluminum and aluminum windows with high-energy-efficient sealed glazing using glass adapted to the building's geographical orientation and acoustical constraints.
- Roof: accessible green roof and highly reflective white roofing (to counter the effect of heat islands).
- Superior insulation of walls and roofing.

INTERIOR DESIGN

- Cladding of ceiling in open mezzanine area: FSC-certified wood stained and varnished without the use of volatile organic compounds (VOC).
- Flooring made of recycled materials.
- Maximal use of natural light.

SERVICES

- Efficient water management: low-flow sanitary fixtures will reduce overall water use by an expected 40%-plus.
- Renewable energy sources: photovoltaic solar panels and geothermal heat source.

SITE MANAGEMENT

- Mitigation of soil erosion and sediments
- Water conservation through landscaping (xeriscaping).
- Lighting of parking lots using light-emitting diodes (LED) lights having a lifespan three times longer than high-pressure sodium lamps.
- Reduction of light pollution through the use of lighting fixtures that minimize light beams.
- Effective rainwater management.