

GREEN ROOF CASE STUDY

General Project Information

Name of Project	Private Residence
Street	
General location	
City	Montréal
State/Province	Québec
Country	Canada
Developer/Client	
Completion date	

Project Description:

Most significant project driver	Owner
Additional project driver (s)	habitat regeneration
Design intent	Aesthetics
Project certifications /awards	
Unique site features /challenges	
Building Type	Single family Residential
Building height	30'
Construction type application	Retrofit
Green roof type	Extensive/intensive
Greenroof test/research facility	No
Roof size (m²)	100
Roof slope (%)	2
Roof accessibility?	Yes
Public access?	No

Green Roof Specifics

Build-up of roof (materials)	
System or Products?	ELT Easy Green
Greenroof system	Soprema Mod Bit
Waterproof membrane	Fibreglass
Insulation	EPDM
Protection layer	ELT Easy Green
Drainage layer	Bio-Blanket (part of ELT Easy Green)
Filter cloth	Slag, sand, compost, limestone screenings
Growing medium	12-18" in planters and 2.5-3" around perimeter.
Growing medium depth	
Other materials	
Type of plant species	Native prairie plants and grasses. Shrubs, herbs, sedum mixture
# of plants (m²)	10 to 20
Supported habitat	Birds and Butterflies
Maintenance required	Automatic irrigation system (replant some annuals) weeding
Maintenance schedule	Monthly
Maintenance cost annual	\$0.00 (owner maintained)
Who maintains the roof?	Owner

Architect/Contractor Information

Architect	
Name	
Title	
Company	
Role	
Landscape Architect	
Name	Keith Ardron
Title	
Company	ELT
Role	
Envelope Engineer or Roof Consultant	
Name	
Title	
Company	
Role	
General Contractor	
Name	Owner
Title	
Company	
Role	
Roofing Subtrade	
Name	
Title	
Company	
Role	

Additional Resources:

Websites /newslinks/articles etc...	www.eltgreenroofs.com/greenroofs-projects.html
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Submitted By:

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SEND: this case study file and a low resolution photo of the project to info_greenroof@bcit.ca.