

GREEN ROOF CASE STUDY

General Project Information

Name of Project:	Spring Creek Firehall
Street (optional):	1505 Spring Creek Drive
General location:	Function Junction
City:	Whistler
State/Province:	BC
Country:	Canada
Developer/Client (optional):	
Completion date:	2002

Project Description:

Most significant project driver:	Stormwater & Thermal performance
Additional project driver:	
Design intent:	Aesthetics
Project certifications /awards:	
Unique site features /challenges:	
Building height	Low Rise (1 Storey)
Construction type application	New Construction
Green roof type:	Extensive
Greenroof test/research facility:	No
Roof size (m²):	
Roof slope (%):	12
Roof accessibility?	No
Public access?	No

Green Roof Specifics

Build-up of roof (materials)	
System or Products?	Soprema 2Ply SBS Modified Bitumen
Greenroof system:	Custom
Waterproof membrane:	Sopralene Flam Jardin
Insulation:	
Protection layer:	
Drainage layer:	Sopradrain PSE
Filter cloth:	Soprafitre
Growing medium:	????
Growing medium depth:	5" to 11"
Other materials:	
Type of plant species:	
# of plant species:	1 to 5
Supported habitat:	
Maintenance required:	
Maintenance schedule:	
Maintenance cost annual:	
Who maintains the roof?	

Designer/Contractor Information

Architect	
Name:	
Title:	
Company:	Roger Hughes & Partners
Role:	
Landscape Designer	
Name:	
Title:	
Company:	
Role:	
Engineer	
Name:	
Title:	
Company:	
Role:	
General contractor	
Name:	
Title:	
Company:	Whistler Construction
Role:	
Roofing subtrade	
Name:	
Title:	
Company:	Pacific Restorations (Squamish)
Role:	

Additional Resources:

Websites /newslinks/articles etc...	
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Submitted By:

Name:	Blair Bennett
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