

GREEN ROOF CASE STUDY

General Project Information

Name of Project:	Electronic Arts - Motion Capture Studio (MoCap)
Street (optional):	4330 Sanderson Way
General location:	near BCIT
City:	Burnaby
State/Province:	BC
Country:	Canada
Developer/Client (optional):	Electronic Arts
Completion date:	Sep-05

Project Description:

Most significant project driver:

Additional project driver:

Design intent:

Project certifications /awards:

Unique site features /challenges:

Building height	50 feet
Construction type application	New Construction
Green roof type:	Extensive
Greenroof test/research facility:	No
Roof size (m²):	30,000 sq ft
Roof slope (%)	2
Roof accessibility?	No
Public access?	No

Green Roof Specifics

Build-up of roof (materials)	Steel Deck, Conventionally Insulated, 2-Ply SBS
System or Products?	Soprema Sopranature - Taiga
Greenroof system:	Custom
Waterproof membrane:	Soprema 2 Ply SBS
Insulation:	Polyisocyanurate
Protection layer:	1/4" DensDeck
Drainage layer:	Sopradrain 10-G
Filter cloth:	Microfab
Growing medium:	Stream Organics
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:	MCM Partnership
Role:	
Landscape Designer	
Name:	
Title:	
Company:	PWL Partnership
Role:	
Engineer	
Name:	Monte Klein
Title:	Roofing Consultant
Company:	JW Wells Consulting
Role:	Roofing Spec & Roof Reviews
General contractor	
Name:	
Title:	
Company:	PCL
Role:	
Roofing subtrade	
Name:	Don Scholten
Title:	
Company:	Transwest Roofing
Role:	

Additional Resources:

Websites /newslinks/articles etc...

Submitted By:

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