

**Gulf Islands National Park Reserve, Operation Centre –
2220 Harbour Road, Sidney**

Type of Project: Institutional – Marine Operations and Offices		
RAINWATER MANGEMENT TECHNIQUES USED:		
<input type="checkbox"/> permeable surfaces	<input type="checkbox"/> greenroofs	<input checked="" type="checkbox"/> reduced footprint
<input type="checkbox"/> bioswales	<input type="checkbox"/> roof storage	<input checked="" type="checkbox"/> underground storage
<input type="checkbox"/> raingardens	<input checked="" type="checkbox"/> rainwater harvesting, reuse	<input type="checkbox"/> naturescaping or restoration

Municipality: Sidney
Public Access: Phone 654-4000 for monthly guided tours
Size : 365 m2 footprint, 1,115 m2
Type: New building on existing lot
Ownership: Public – Government of Canada
Completed : Fall 2005

Rainwater Management Techniques Used:

Underground Storage A 30,000 L tank stores roof rainwater
Rainwater Harvesting/Reuse Re-use is for low flow toilet flushing and washing saltwater from marine equipment.
Location on Site: underground
Impervious Area Managed: 365m2 roof area
Design Storm Used: Expect 108,000 L rainwater to be collected & re-used annually
Other Notes: Canada’s first Platinum LEEDtm building, with minimum footprint building on existing urban lot, drought tolerant landscaping plants, saltwater Geothermal loop, photovoltaic panels, energy savings that should realize a 3.2 ton annual Greenhouse Gas savings.
Cost: \$4.5 M whole project
Funding: Public
Awards: Royal Architectural Institute of Canada Green Building Award; 2006 BC Wood Design Award for High Performance Building

Project Team:

Landscape Architect - Phillips Farevaag Smallemberg Inc., Vancouver, 604-736-5168 www.pfs.bc.ca
Civil Engineer - 1st Team Engineering Ltd., 478-8383
Architect - Larry McFarland Architects Ltd., Vancouver 604-733-1115
www.mcfarlandarchitects.com
Commissioning Agent - BC Buildings Corporation



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