



# “Walls for Vancouver- Past, Present & Future”

June 6<sup>th</sup>, 2006

8:30 am-noon at the Executive Plaza Conference Centre in Coquitlam

The “leaky condo” issue has focused attention on the way wall systems operate. Much research and study has been undertaken to ensure that wall systems perform as intended. Climatic conditions are being recognized. Rising energy costs have made conservation a top priority. Meanwhile increasing construction costs have builders and design authorities searching for more cost-efficient approaches to constructing durable building enclosures. The latest information on how to build “walls that work” in the West coast rainforest, known as Vancouver, is the subject of this 3-hour seminar.

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**This seminar will benefit Project Managers and Senior Field Personnel, Architects, Engineers, and Building Envelope Professionals.**

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**Seminar Program:** (Presented by Dr. John Straube)

**Walls of the Distant Past (1960’s & 70’s)**

- ◆ Why did they work?
- ◆ Why can’t we keep building the same way?

**Walls of the Recent Past (1980’s & 90’s)**

- ◆ Why did they fail?
- ◆ Have we figured it out yet?

**Walls of the Present**

**(Rainscreen, starting ~ 2000)**

- ◆ Do we know all the answers?
- ◆ The 2005 National Building Code

**Walls of the Future**

- ◆ Can we improve on present wall systems?
- ◆ New demands; sustainability, global warming, rising energy & construction costs...

**The Coquitlam Test Hut**

- ◆ What is it? Why?
- ◆ What are the questions we’re hoping to answer?
- ◆ Visit website:  
[www.buildingsciencevancouver.com](http://www.buildingsciencevancouver.com)

Speaker, **Professor John Straube** of the University of Waterloo is one of Canada’s foremost experts on building performance and has been involved in the design, construction, repair and restoration of buildings throughout the world. His area of interest is energy-efficient, healthy, durable and sustainable building designs. He has written and lectured extensively on control of rain penetration, monitoring of wall performance, and the durability of building materials.

**Tour of Coquitlam Test Hut: (2:00pm to 5:00pm)**

Building Science Corporation and Gauvin 2000 Construction Ltd. are working with Balanced Solutions Inc. and University of Waterloo on measuring the performance of common design and construction techniques used in Vancouver. This project will help to definitively determine what kind of walls systems work best and why. Gauvin 2000 Construction, along with Dr. Straube (BSI), will host a tour of the facility for seminar participants from 2:00 pm to 5:00 pm Tuesday afternoon. The Test Hut is located at the rooftop of 200-1140 Austin Ave., Coquitlam.

**(Note: Ladder access to the rooftop Test Hut venue would make skirts and high heels inappropriate attire.)**



# -Evolution of Walls Seminar- Registration Information

**Date:** Tuesday, June 6<sup>th</sup>, 2006

**Location:** Executive Plaza Conference Centre  
405 North Road, Coquitlam

**Time:** 8:30 am-noon

<b>Cost:</b>	First ICBA member:	\$100	x _____	= _____
	Subsequent ICBA members:	\$85	x _____	= _____
	First Non-ICBA member:	\$125	x _____	= _____
	Subsequent Non-ICBA members:	\$110	x _____	= _____
	(GST included ref.# R107505299)			<b>Total: \$</b> _____

**Company:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Fax:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**Names of Registrants:** (Please indicate if you will be visiting the Test Hut at Gauvin 200 Construction Ltd. 2pm-5pm)

_____	Y/N	_____	Y/N
_____	Y/N	_____	Y/N
_____	Y/N	_____	Y/N
_____	Y/N	_____	Y/N

- ◆ Seating limited, all seats reserved
- ◆ To guarantee registration, fax this form to 604-298-2246
- ◆ No cancellations/refunds after May 30<sup>th</sup>, 2006
- ◆ Please send cheques payable to ICBA 211-3823 Henning Dr., Burnaby, BC V5C 6P3
- ◆ For more information, contact Christie Behrisch at 604-298-7795