

MEETING NOTES

Building Research Committee Meeting

Wednesday, November 24, 2010, 8:30am to 12:00pm
Plaza 500 Hotel & Convention Centre – Granville Boardroom
500 West 12th Avenue, Vancouver

In Attendance:

Bill McEwen	Masonry Institute of BC (Chair)	Jieying Wang	FPIInnovations – Forintek Division
Bob Thompson	Building and Safety Standards Branch	Jason Teetaert	SMT Research Ltd.
Allan Dobic	CMHC	Gamal Mustapha	SMT Research Ltd.
Liliana Dominguez	HPO (recording)	Fitsum Tariku	BCIT
Richard Kadulski	AIBC	Rodrigo Mura	BCIT
Mark Gauvin	GVHBA	Ron Rapp	Morningstar Homes Ltd.
Eric Burnett	RDH Building Engineering	Les Yard	Dow Chemical Canada Inc.
Dave Ricketts	RDH Building Engineering	Gordon Monk	BC Hydro Power Smart
Graham Finch	RDH Building Engineering	Dan Bradley	Terasen Gas
Douglas Watts	Read Jones Christoffersen	Ralph Moore	Travelers Guarantee
Patrick Roppel	Morrison Hershfield	Rick Alexander	WBI Home Warranty
Gary Brown	WDMA-BC	Karen Liu	Xero Flor International
Bob Sloat	Surety Association of Canada		

Regrets:

David Bruce	Ministry of Energy	Fred Tai	Simpson Strong-Tie
Denisa Ionescu	HPO	Brian Lieburn	Dow Building Solutions
Karen Hemmingson	BC Housing	Ernest Kortschak	Dupont
Jennifer Sanguinetti	BC Housing	Kimberly Tompkins	Tec Agencies
Patrick Shek	BOABC	Brian Delbrueck	Canadian Institute of Treated Wood
Warren Knowles	RDH Building Engineering		

1. Approval of the Agenda/Additional Items

The meeting was called to order at 8:40 a.m. B. McEwen welcomed everyone to the meeting on behalf of BRC. The November 24, 2010 BRC meeting agenda was approved.

2. Approval of May 26, 2010 Meeting Minutes

The minutes from the May 26, 2010 BRC meeting were approved.

3. Energy Consumption and Conservation in Mid and High Rise Residential Buildings – Final Report

G. Finch provided a summary of key findings on the energy consumption in high-rise multi-unit residential buildings study. The final report reviews overall energy consumption for MURBs and assesses the impacts of building enclosure improvements to reduce space-heating and resulting energy savings.

4. Building Enclosure Design Guide – Wood Frame MURBs – Final Publication

D. Ricketts provided an overview of the Building Enclosure Design Guide. The guide has been completed and is in final review stage.

5. Replacement Window and Door Installation Guidelines – New Research Project

D. Ricketts provided a brief review of this new project.

6. Polyiso Insulation and Roofing Membranes and Shrinkage After Installation – Current Research

J. Teetart spoke to the research project on polyiso insulation, roofing membranes and shrinkage after installation. The BRC members had expressed interest in having J. Teetaert speak to this topic at the November meeting.

7. Research at FPInnovations on Durability of Cross-laminated Timber Construction – Current Research

J. Wang spoke to a research project on the durability of Cross-Laminated Timber construction. Results from the research have led to recommendations for a Best Practice Guide for general principles.

8. Current Research Projects

CMHC

A. Dobie provided an update on CMHC's EQuilibrium housing initiatives for energy efficiency homes and communities.

BCIT

F. Tariku provided an update on BCIT's Master's in Engineering in Building Science.

9. Building Code Part 10 Revisions and the Schedule for Adopting the 2011 BCBC

B. Thompson gave a brief overview of the Building Code Part 10 requirements and the proposed schedule for adopting the 2011 BCBC, scheduled for fall.

10. ASHRAE Builder Insight Bulletin – Final Publication

G. Finch gave an overview of the ASHRAE Builder Insight Bulletin.

11. Open Forum and Discussion – Issues Requiring Research Attention

G. Brown spoke to a task group report on the thermal performance of wood swing doors and the possibility of sharing the results next meeting.

L. Yard spoke to a project on noncombustible construction in a six-story building.

D. Ricketts provided a progress update on the development of four new HPO Maintenance Matter bulletins, and on CMHC's Net Zero envelope retrofit project.

R. Kadulski updated the committee on work being done to produce an updated version of the HPO bulletin on ACQ treated wood and selection of compatible fasteners and connectors.

B. McEwen spoke to the BCIT Test Hut findings.

J. Wang spoke to a new FPInnovations research proposal on energy efficiency in wood frame building as it relates to construction sequencing during different weather conditions and sustainability issues.

12. Next BRC Meeting

Meeting scheduled for May 25, 2011.