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# PASSIVHAUS: A Building Quality Revolution - Latest Trends In Building Low And Net Zero Energy Buildings

Construction Specifications Canada -- Ottawa Chapter  
 Friday, 26 September 2014 from 4:30 PM to 7:30 PM (EDT)  
 Ottawa, ON



Ticket Information					
TICKET TYPE	SALES END	PRICE	FEE	GST/HST	QUANTITY
<b>Silver Sponsorship (logo recognition, display table if desired, and publicity, with one general admission ticket)</b>	Ended	\$250.00	\$0.00	\$32.50	N/A
<b>Standing Room Only (last minute spaces)</b> We have run out of seats but there are a few Standing Room Only spaces available. Admission if available at door will be \$30.00 plus HST for SRO last minute visitors.	Ended	\$27.50	\$1.56	\$3.78	N/A

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**When & Where**

**Overbrook Community Centre**  
 33 Quill St  
 Ottawa, ON K1K 4E7  
 Canada  
 Friday, 26 September 2014 from 4:30 PM to 7:30 PM (EDT)

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**Event Details**

**LATEST TRENDS IN BUILDING LOW & NET ZERO ENERGY BUILDINGS**

The Passivhaus movement is now revolutionizing building quality and construction practices in all parts of the world. Applicable to any building type in any climate, the Passivhaus House Standard allows both new construction and retrofits to achieve astonishing energy savings and greatly improved comfort at an economic optimum. Please join us and help inform a discussion on how Ottawa's planning and commercial building sector can capitalize on opportunities offered by this, the world's only performance-based building standard, which can make net-zero energy buildings an affordable reality today.

**Malcolm Isaacs**, CanPHI director and Canadian 'Passivhaus' pioneer will introduce the main elements of the Passive House Standard, describe the Canadian context, and outline how this approach can be adopted and adapted for local conditions.

**Günter Lang**, leader of the Austrian national Passivhaus network, will present detailed case study examples of the many outstanding commercial, residential

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**Construction Specifications Canada -- Ottawa Chapter**

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and institutional Passivhaus buildings in Austria, which has the highest density of Passivhaus construction of any country in the world. Passivhaus is revolutionizing construction practices and building standards in Europe. Both new construction and existing building retrofits can be guided by the Passive House standard to achieve dramatic energy savings. Please join and inform this discussion on how Ottawa's planner and commercial building industry can capitalize on the latest trends in building low energy and net zero energy buildings.

**Event details**

4:30 - 5:00: Networking social

5:00: CSC speakers intro

5:05: Malcolm Isaacs

- *What is a Passive House building?*
- *Introduction to the Passive House Standard*
- *Passive House basics: essential elements*

5:35: Günter Lang - Part 1

- *Why the Passive House Standard?*
- *The challenge of achieving high standards across the whole building sector*
- *From single-family homes to Skyscrapers: Passive House examples*
- *Wooden construction vs. massive construction*

6:25: Break

6:40: Günter Lang - Part 2

- *New buildings and retrofitting to the Passive House Standard*
- *Passive House – the most economic building standard*
- *Making Passive House Policy: adapting European success to strategies in North America*

7:30: Audience discussion, Q&A: Moderator: Malcolm Isaacs

8:00: Networking continues



The dark colours on this *thermogram* of a Passive House, at right, shows how little heat is escaping compared to a traditional building to the left (wikipedia).

**LEADING THIS INITIATIVE:** [Construction Specifications Canada \(Ottawa Chapter\)](#)

**SUPPORTING ASSOCIATIONS:** [Ottawa Regional Society of Architects \(ORSA\)](#), [CanPHI \(Canadian Passive House Institute\)](#)

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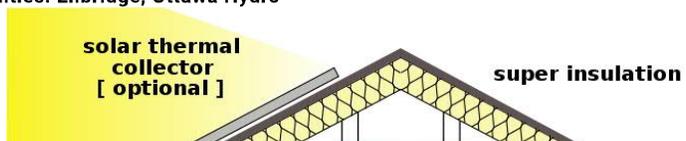
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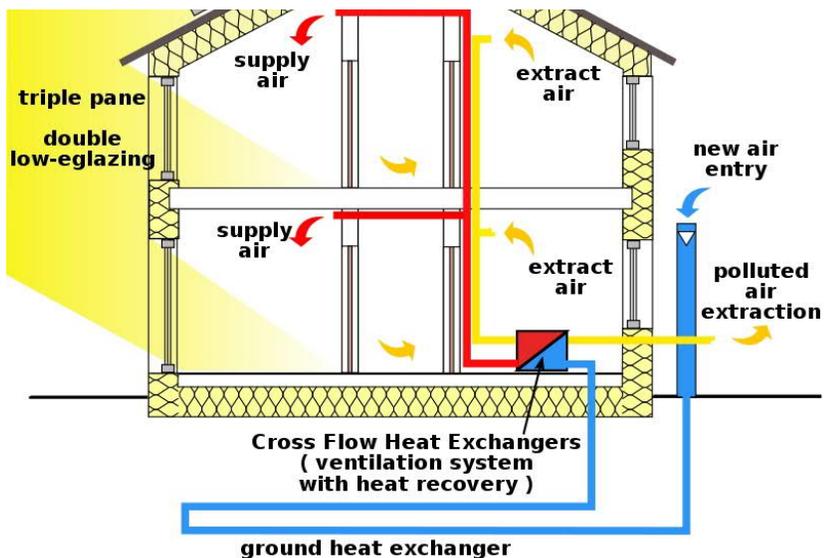
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**Developer/Financer:** [Better P3](#)

**Utilities:** [Enbridge](#), [Ottawa Hydro](#)





**About Gunter Lang:**



Austrian-based Gunter Lang has conducted intensive networking, research and consulting work and thus has become a renowned expert in the field of passive houses.

It was in particular due to the close cooperation with Passivhaus Institut, the establishment and management of the passive house experts network [Passivhaus Austria](#), the establishment and ten years as manager of IG Passivhaus Oberösterreich and IG Passivhaus Österreich (interest group passive house Austria) that Günter Lang made a major contribution to networking passive house stakeholders worldwide and familiarising the general public with the passive house standard.

From the very beginning, the passive house, energy efficiency and a look towards the future have been the constant focus of LANG consulting's professional activities. In the process, a broad range of aspects are covered in theoretical research and [pioneering demonstration projects](#). As certified passive house designer, raiser and owner of the oldest Austrian passive house and planner of the first retrofit of a single-family house to a certified passive house, Günter Lang can offer the necessary know-how therefor. To spread the findings rapidly and extensively, Günter Lang is a speaker on the subject of passive houses at [numerous congresses](#) and technical meetings worldwide.

Have questions about PASSIVHAUS: A Building Quality Revolution - Latest Trends In Building Low And Net Zero Energy Buildings? [Contact Construction Specifications Canada -- Ottawa Chapter](#)