



**Equilibrium**  
HEALTHY HOUSING  
FOR A HEALTHY ENVIRONMENT

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[www.cmhc.ca](http://www.cmhc.ca)

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HOME TO CANADIANS

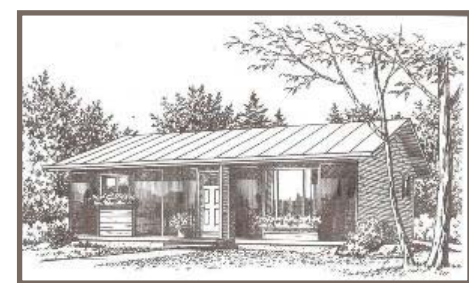
# CMHC's EQUilibrium Initiative

**EQUilibrium is a national residential design-build-demonstration initiative to challenge builders and developers across Canada to act as environmental stewards by:**

- Designing low-impact affordable, healthy, highly energy and resource efficient housing
- Resulting in low-to-no housing related environmental impacts on water, land and air
- Facilitating public demonstrations, performance monitoring and reporting.



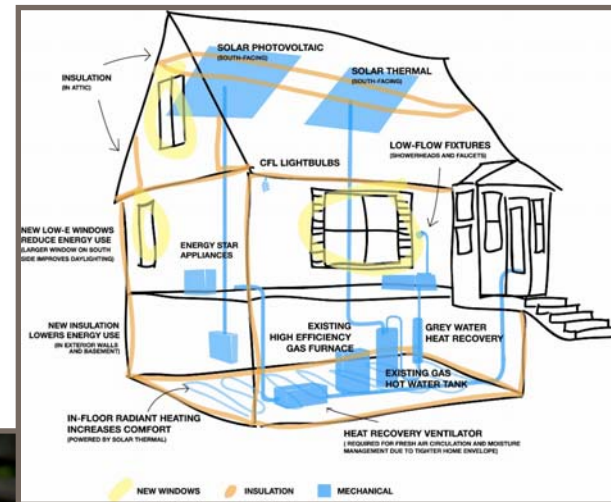
# EQuilibrium™ Demonstration Projects



# The Now House™:

## Retrofit of a 60 year old wartime house

Toronto, ON





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# CMHC Research

Highrises and Multiples | CMHC - Microsoft Internet Explorer

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## CANADA MORTGAGE AND HOUSING CORPORATION

CMHC for Housing Industry Professionals and Community Groups

Text Size

Housing Industry Professionals and Community Groups > Building & Design > Highrises and Multiples

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- Building and Design
- Affordable Housing Centre
- Sustainability
- Grants and Awards
- Research Highlights**
- Housing Market Information

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**Quick Links**

- Housing Technology and Research: E-Newsletters
- Canadian Housing Observer 2008

### Highrises and Multiples

CMHC's Highrise and Multiples Innovation Group examines and promotes research concerning highrise construction, operation, maintenance and repair. From technical fact sheets to best practices guides, we can help.

**In This Section:**

- Best Practice Guides**  
Guides to the most effective use of various building envelope, acoustic and fire control technologies.
- Construction Detail of the Month**  
Monthly highlight from our series of Best Practices Guides.
- Better Buildings Case Studies**  
These case studies feature improvements to multi-unit housing buildings of interest to building owners and managers.
- Innovative Buildings Case Studies**  
Multi-family case studies highlight technology, more sustainable design and construction processes, financing or other areas which improve the housing sector.
- Waste Management — Construction, Renovation and Demolition**  
Examples of profitable efforts made by residential builders during construction, renovation and demolition (CRD) to reduce the amount of waste generated and to divert it from landfill by recycling.
- Canadian Centre for Housing Technology (CCHT)**  
The Canadian Centre for Housing Technology is Canada's advanced housing research and demonstration facility.
- Water and Energy Saving Tips for Multi-Unit Residential Buildings**  
Ideas on reducing energy and water costs in multi-unit residential buildings.
- Healthy Highrise**  
Understanding and improving the performance of multi-level apartment buildings.
- Low Impact Housing**  
Examples of residential, single and multiple-unit, buildings from around the world that use innovative concepts, components and systems to minimize their impact on the environment.
- Continuing Education for Architects**  
The following technical articles are a joint project between CMHC, and the Architects' Associations of New Brunswick, Ontario, Manitoba, Saskatchewan, Alberta and Quebec.

**Related Links**

Switch to Homepage for: [Green Globes Interactive Environmental Efficiency Assessment of Buildings](#)

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## CANADA MORTGAGE AND HOUSING CORPORATION

CMHC for Housing Industry Professionals and Community Groups

Housing Industry Professionals and Community Groups > Building & Design > Highrises and Multiples > Innovative Buildings

### Innovative Buildings — Case Studies

Innovative Buildings highlights multi-family projects and ideas that contribute better technologies, design and construction processes, financing or other innovations which improve the housing sector.

**In This Section:**

- ▶ [Green Buildings](#)
- ▶ [Acoustics](#)
- ▶ [Energy Efficiency](#)
- ▶ [Earthquake Resistance](#)
- ▶ [Retrofit](#)
- ▶ [Financial Considerations](#)
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- ▶ [Northern Housing](#)

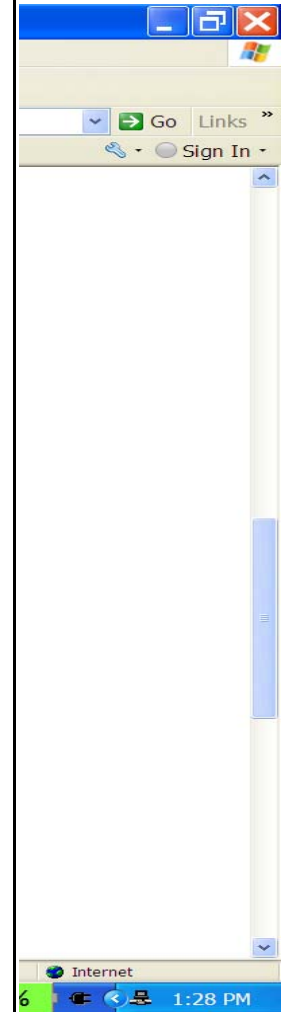
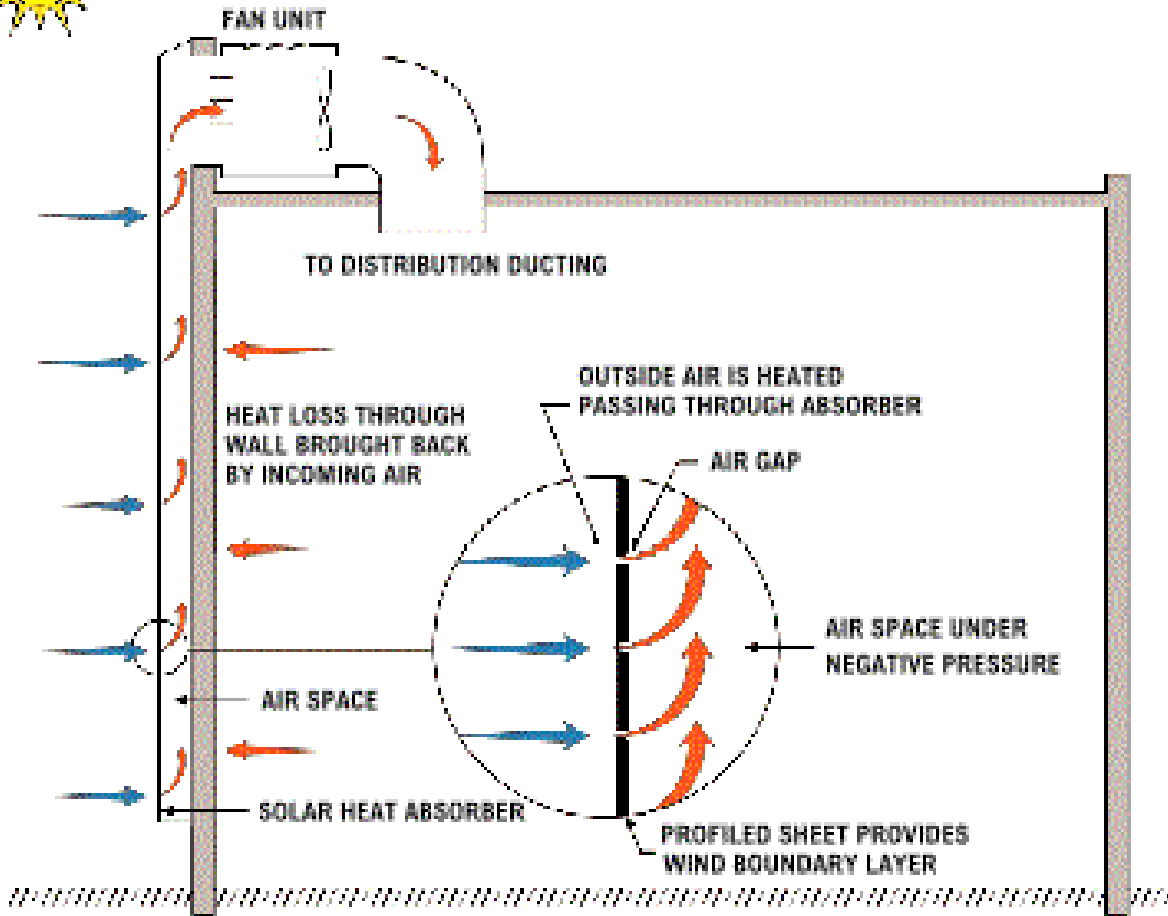
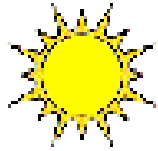
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