



*Centre of Architectural Ecology, Building Science graduate programs, School of Construction*  
British Columbia Institute of Technology  
3700 Willingdon Avenue  
Burnaby, BC V5G 3H2

## **Post Occupancies Evaluation of Multi-family Passive House**

April 3, 2020

Yale First Nation,  
PO. Box 289,  
Hope, BC, V0X 1L0

Via email: [housing@yalefirstnation.ca](mailto:housing@yalefirstnation.ca)

Dear Passive House Resident,

Passive House high-performance building standards are advancing sustainable and livable development internationally and in British Columbia, Canada. A research project at the British Columbia Institute of Technology is using a post-occupancy evaluation survey to focus on passive house multi-unit residential buildings in BC. You are invited to participate to this study because you are the current resident in a Yale First Nation Passive House, which are unique multi-unit residential buildings with passive house standard. All unit residence in The Yale Passive House fourplex or sixplex have been invited to participated.

The goal for this research is to discover any room of improvement for multi-unit residential building which utilized Passive House standard by studying the occupants' response on different aspect such as thermal, acoustic and lighting. In the following survey we are asking you to provide important information related to your unit and help us to investigate Passive House design, building guidelines and advance the quality of housing in BC. It is up to you to decide whether to take part, but we sure hope you do.

The outcome of the research will include a report to Passive House Canada and building stakeholders, and a thesis authored by Ronald Chow, a graduate student in the Master of Applied Science in Building Science Program. Dr. Maureen Connelly, Director/Faculty at BCIT, is supervising the research you can contact Dr Connelly at 604 456 8045 with any questions you may have. Rob Bernhardt, Advisor, Projects and Policy from Passive House Canada, is an advisor the project, and Passive House Canada fully endorses this research.

**To show our appreciation, submitted surveys will be entered into a luck draw for \$25 CAD AMAZON gift card.**

This is a chance to provide feedback on your unit and building, which help us understand and improve housing solutions in multi-unit residential building with passive house standard. The unit number will be used for gift card draw.

This survey is being conducted with only the unit number for identification with no correlation or identification of the participants. Answered questionnaire will be kept in a secured locked location at the BCIT campus. The surveys will not be shared with building mangers or Passive

House Canada. The reporting of summary and reporting of future field measurement will not reference a unit number.

The included survey contains 7 pages and the completion time is estimated to be around 10 to 15 minutes.

This survey was approved by the BCIT Research Ethics Board on 8<sup>th</sup> Jan, 2020. If you have any concerns about this survey you may contact the Research Ethics Board Chair, Allison Kirschenmann, (604 451 6917) or [research\\_ethic@bcit.ca](mailto:research_ethic@bcit.ca). You can withdraw at any point in the survey by not completing and submitting it and If the questionnaire is completed it will be assumed that consent has been given.

I sincerely hope that you could spend sometime filling up the survey to help the cause on exploring and advancing the field of building science.

Please return the fillable PDF survey to Crystal Sedore, ([Housing@yalefirstnation.ca](mailto:Housing@yalefirstnation.ca)) by April 20<sup>th</sup>.

Thank you for your time in considering and participating for our academic survey. If you have any extra question in regarding the survey, or would like to receive a summary of the study afterward. Please do not hesitate to contact us at the numbers/emails below.

Sincerely,



Ronald Chow, Ho Lung, MASc



Maureen Connelly, PhD

phone – 778 865 6101

email: [hchow44@my.bcit.ca](mailto:hchow44@my.bcit.ca)

phone – 604 456 8045

email: [Maureen\\_Connelly@bcit.ca](mailto:Maureen_Connelly@bcit.ca)

Thank you very much for your time,  
please remember to return the survey for the lucky draw!!