CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering MASTER'S THESIS EXAMINATION

CANDIDATE: Christopher Campbell

B. Applied Science, Univ of Waterloo, 2017

DATE: Monday May 17, 2021, 9:00 Video Conference

THESIS TITLE: Durability Characterization of a High Performance Building Envelope with Vacuum

Insulation Panels and Energy Recovery Ventilation

EXAMINATION BOARD:

Internal Examiner Huseyin Gunay, Civil & Environmental Engineering (Video Conference)

Member of Department Jean Duquette, Mechanical & Aerospace (Video Conference)

Engineerng

Member of Joint Institute Raphael St-Gelais, Mechanical Engineering - (Video Conference)

University of Ottawa

Thesis Supervisor Cynthia Cruickshank, Mechanical & Aerospace (Video Conference)

Engineering

Thesis Co-Supervisor Scott Bucking, Civil & Environmental Engineering (Video Conference)

Chair of Defence Kristen Schell, Mechanical & Aerospace (Video Conference)

(Ex-officio)

Engneering

Chair/Director of Department Ronald Miller

or Designate

Dean of Faculty Larry Kostiuk (Ex-officio)

Dean, Faculty of Graduate and Patrice Smith (Ex-officio)

Postdoctoral Affairs

Ronald Miller, Chair/Director of Department or Designate Department of Mechanical and Aerospace Engineering