

D. Mechanical Design SummaryAddress: 680 St. Anne's Rd.Unit # 8

- a. Building is sprinklered ☐ Yes ☒ No
- b. Change of Operation ☒ Yes ☐ No

If "Yes", complete the following:

Identify the change in operation (ie. Warehouse to Office, etc.) Convenience Store to RestaurantExisting Ventilation Capacity: N/AASHRAE 62 required ventilation for changed operation: 1,269 cfmMechanical Permit is required to upgrade ventilation systems ☒ Yes ☐ Noc. Mechanical work that **will require** a Professional Mechanical Engineer's Involvement

- i) alteration of the buildings standpipe system ☐ Yes ☒ No
- ii) alteration of the buildings sprinkler system 1 ☐ Yes ☒ No
- iii) alteration of the buildings heating, ventilation and/or air-conditioning systems 1 ☒ Yes ☐ No

Note 1: Except those items exempt from permits as detailed in the Building by-law, 14.8.1.(2)

Where a mechanical engineer is required for Part "D" above**Professional Certificate****This certificate is both applicable and limited to the scope of work defined in the plans and drawings under my seal and signature.**

In submitting sealed plans for demolition or construction associated with this project, I am making the following statements:

- I am an architect or engineer entitled to practice as such in the Province of Manitoba and am competent to design and review the plans submitted under my seal.
- I am aware that the City of Winnipeg will rely upon the plans signed and sealed by me and upon this certificate, and will not conduct any plan examination or plan inspection of the plans except by way of possible screening for completeness or audit for code compliance, as they relate to the current editions of the Manitoba Energy Code for Buildings (MECB), the Canadian Electrical Code – Part I, as adopted and varied by the Winnipeg Electric Bylaw, and the following provisions of the Manitoba Building Code (MBC), Division B:
 - Section 3.7 – Health Requirements
 - Section 3.8 – Barrier-Free Design
 - Part 5 – Environmental Separation
 - Article 6.2.2.1. – General ventilation requirements
 - Part 7 – Plumbing Services
- I recognize that, if the City becomes aware that the attached plans are not complete or fail to comply with the Winnipeg Electrical By-law or the Winnipeg Building By-law, which includes the applicable edition of the Manitoba Building Code, the Manitoba Energy Code for Buildings, the Manitoba Fire Code, and the Manitoba Plumbing Code, the City may provide this information to the Manitoba Association of Architects (MAA) or the Association of Professional Engineers and Geoscientists of Manitoba (APEGM) by way of a complaint or otherwise.
- I understand that any negligence, misrepresentation or falsification of facts contained in this certificate or in the plans under my seal may result in a finding of legal liability against me. I understand that the City of Winnipeg does not accept responsibility for any errors and omissions in the sealed plans.
- I further understand that the City of Winnipeg recommends that I periodically review my professional liability exposures, including those posed by potential third party claims, and that I carry an appropriate level of insurance. I understand that this review should include this specific project, including the building's occupancy type and classification, value, size and complexity, the extent of my professional involvement with it, and the City of Winnipeg's reliance on my certificate.

- **NOTE: PERIODIC REVIEWS.** The architect or engineer submitting the drawings must complete (or have a suitably qualified person reporting to him or her complete) periodic reviews of the project at appropriate stages of construction, and must be prepared at the completion of the work to sign and seal a letter of certification on the project, unless the architect or engineer
 - c. obtains written acknowledgement by the City that Manitoba Building Code Division C - 2.2.2.3. and 2.2.7.2., the Winnipeg Electrical By-law Subrule 2-000(1) and the Winnipeg Building By-law 4555/87 subsection 5.1 do not apply to the project, and
 - d. indicates on his or her drawings that he/she does not intend to be involved in construction reviews

Please note: The fact that the City has acknowledged that periodic reviews are not required for its purposes does not relieve the professional from any construction reviews that may be required by professional regulatory bodies or client contracts.

By affixing my seal, I am representing that:

- I am fully aware of the provisions of the Manitoba Building Code, the Manitoba Energy Code for Buildings, the Manitoba Fire Code and the Manitoba Plumbing Code that are applicable to these plans and drawings;
- I have applied a professional standard of care to ensure compliance of these plans and drawings with the applicable provisions of these Codes.



Affix seal with signature and date