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Mechanical Design Summary – Shell Only

Project description and address: _

General information:

- 1. This document **must** be completed and attached to the application submission. When necessary, additional analyses shall be provided and included with the submission.
- 2. Engineer completing this form, indicate all that apply

1. Building(s) shell re	esponsibility for:				
a. Roof drainage control flow			□ No		
b. Oil interceptors			□ No		
 c. HVAC: Roof Top Unit(s), furnace, boiler, ventilation assumptions and equipment capacities 			□ No		
d. Provincial inspections required (gas / boiler)			🗆 No		
e. Fire separations / dampers			□ No		
f. Vapour barriers – roof penetrations			□ No		
g. Sprinklers			□ No		
h. Fire Department connection(s) – location(s)			□ No		
i. Back-flow prevention			□ No		
j. Commercial kitchen			□ No		
k. Other:					
2. Mechanical design assumptions					
a. Heat transfer	Ceiling				
b. (Heat gain / loss)	Walls				
	Floor				
	Dew point acceptable	□ Yes	□ No		
	Air barrier type				
	From site:				
c. Ventilation:	Use 1 (per ASHRAE 62)	Based on	_occupants		
	Use 2 (per ASHRAE 62)	Based on	_occupants		
	Use 3 (per ASHRAE 62)	Based on	_occupants		
	Additional Uses attached	\Box Yes	□ No		
d. Commercial kitchen		□ Yes	□ No		
e. Interlock exhaust / MUA		□ Yes	□ No		



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f. Fire alarm system interface?		□ Yes	□ No		
g. Sprinkler System required?	□ Yes	□ No			
Fire Suppression included?		□ Yes	□ No		
If yes: Separate pipe size	Based on NF	PFA			
h. Plumbing Fixtures (fill in numbers) w.c.:	sinks:	other:			
3. Integration of fire protection and life safety systems (CAN/ULC-S1001)					
Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems					
a. Building subject to CAN/ULC-S1001 standard (3.2	□ Yes	🗆 No			

Affix seal with signature and date