

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES **LISTING PROGRAM**

Customer: Clément & Frère Ltée
Class: Business Commercial Industrial Structures
Location: Louiseville, Quebec
Website: <http://www.clementetfrere.com/>

Listing No. REC650-2
Project No. REC650-2, Edition 2
Effective Date: January 13, 2017
Last Revised Date: April 27, 2017
Expires: N/A

- Standards:
- CSA A277-16 "Procedure for Certification of Prefabricated Buildings, Modules, and Panels"
 - National Building Code of Canada (Part 9) 2010 with Quebec Amendments (Quebec Construction Code)
 - National Plumbing Code of Canada 2015
 - C22.1-09 "Canadian Electrical Code Part 1 (21st Edition), with Quebec Amendments"
 - National Building Code of Canada 2010 (Part 9)
 - National Building Code of Canada 2015 (Part 9)
 - C22.1-15 "Canadian Electrical Code Part 1 (23rd Edition), Safety Standard for Electrical Installations"

Notes: Jurisdictions may require structures to comply with provincial / municipal codes in lieu of the national codes. QAI has reviewed the standards above as amended by Quebec, New Brunswick and Nova Scotia.

Product: Business/Commercial/Industrial Structures

Markings: All markings must be permanent and visible after installation.

1. The QAI label (item 1096 – Permanent Business Commercial Industrial Building CSA A277 Compliance Label) is normally in close proximity to the electrical panel
 - Certification label serial number
 - QAI certification logo with the "C" identifier
 - QAI logo shown here:



2. The specification nameplate (item 1068, white with black) is located in close proximity to the electrical panel and includes:
 - Manufacturer's Name and Address
 - Date of Manufacture
 - Model Serial Number or Product Code
 - Foundation Type (Perimeter Foundation Wall or Piers)
 - Floor live Load
 - Specified Snow Load (1/50)
 - Seismic Response $S_a(0.2)$
 - Hourly Wind Pressure (1/50)
 - Envelope Effective Thermal Resistance
 - Windows/Doors/Skylights Thermal Characteristics
 - Outside Design Temperature (Heat Loss or Heat Gain)
 - Factory Installed Appliances
 - Site Installed Components, Assemblies, and Systems
 - Electrical Systems Voltage, Frequency, and Amperage
3. Other markings are required by the relevant codes.

Note: the QAI label and specification nameplate are available from QAI and must be applied at the factory.

Models / Ratings: **The scope of structures covered by this listing include:**

Structures:

Business/Commercial/Industrial structures classified under one major occupancy: *Group D - Business and Personal Services occupancies*. These structures are constructed in single or multiple modules in single storey configurations, having a building area not exceed 600 m². Units classified under this occupancy are not intended for general public access.

Structures under this listing typically include units used as business offices or for personal services. For a full list of structures covered under this occupancy please refer to Appendix A, Division B of the National Building Code.

Structural:

Conventional Wood Frame Construction within the limitations of Part 9 of the relevant code.

Electrical Ratings:

120/240V, 60Hz, 100A max.

Heating/Ventilation:

Electrical Baseboard Heater.

Plumbing:

Conventional drainage and venting systems to a maximum of 240 hydraulic fixture units.

Gas Systems:

None.

Notes: Business/Commercial/Industrial Structures included in this Listing are manufactured at a central facility and transported to the site. These structures, when completely assembled on site, are equipped with normal facilities for connection to municipal water, sewage, and electrical services. QAI certification covers the construction of the structures and any factory installed plumbing and electrical services, and is intended to obviate the necessity of further inspection by the local regulatory authorities except for site connections to services or to other modules and for site mounting features.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
