

**FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM**

Class: Business Commercial Industrial Structures

Customer: Muchalat Construction Ltd.  
Location: Cumberland, BC

Listing No. REC613-4  
Effective Date: January 15, 2016  
Last Revised: April 25, 2017  
Expires: N/A

Standards: CSA A277 "Procedure for Certification of Prefabricated Buildings, Modules, and Panels"  
BC Building Code (Part 9 & 10)  
BC Plumbing Code  
CSA C22.1 Canadian Electrical Code (Part 1)

Product: Factory Constructed Business Commercial Industrial Structures

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

The QAI certification label (item 1096, Black with Silver Background) is normally located in close proximity to the electrical panel.

The specification nameplate (item 1068, 8-1/2" x 14" in size) is located in close proximity to the certification label 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
- QAI Logo shown here:



Other Markings as required by the relevant codes.

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

**Models:**

**Occupancy:**

Structures are used for single Major Occupancy classified as *Group D - Business and Personal Services occupancies, Group E – Mercantile occupancies, and Group F-3 – Low-Hazard Industrial Occupancies*. These structures are constructed in single or multiple modules in single storey configurations with a building area not exceeding 600m<sup>2</sup>.

Structures under this listing typically include business offices used for personal services, stores, or storage units. For a full list of structures covered under this occupancy please refer to Appendix A, Division B of the BC Building Code. This listing does not include structures with multiple Major Occupancies.

**Structural:**

Conventional Wood Frame Construction within the limitations of Part 9 of the British Columbia Building Code.

**Electrical Ratings:**

120/208V, 60Hz, 3-phase, 200A max.

**Heating/Ventilation:**

Electric Furnace. Modules may be equipped with ducting for installation of a central forced air furnace on site.

**Plumbing:**

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

**Gas Systems:**

None.

**Note:**

Modular structures included in this listing are manufactured at a central facility and transported to the site. These modules, 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 structure 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.

Products shall be installed in accordance with the local code of the authority having jurisdiction.



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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](http://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](mailto:info@qai.org). Please include the listing number in the request.

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