

## **FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM**

Customer: Muchalat Construction Ltd.  
Class: Modular Homes  
Location: Cumberland, BC  
Website: [www.muchalatgroup.com](http://www.muchalatgroup.com)

Listing No. REC613-1  
Project No. REC613-1, Edition 2  
Effective Date: November 14, 2013  
Last Revised Date: April 25, 2017  
Expires: N/A

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

Product: Modular Homes, Group C Residential Occupancy

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

The QAI label (item 1067, black with gold, 3-1/2" diameter) 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 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

- 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 / Ratings: The scope of homes covered in this listing include:

**Homes:**

Single or multi-family dwellings with vertical fire separation, comprised of single or multiple modules, in single or two-storey configurations that must be installed on a basement. These modular homes have a building area no exceeding 600m<sup>2</sup>.

**Structural:**

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

**Electrical Ratings:**

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

**Heating/Ventilation:**

Electric baseboard heaters. Modules may be equipped with ducting for installation of a central forced air furnace on site. Modular homes may be equipped with air conditioning (electric only)

**Plumbing:**

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

**Gas Systems:**

None.

Notes: The multi-family residential dwellings included in this listing must be equipped with a fire-sprinkler system. Design and construction of the sprinkler system is the responsibility of a Professional Engineer licensed in the province where the building is intended to be installed.

Modular Homes 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 homes 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](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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