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

Customer: MAD Building Technologies Inc.  
Class: Modular Homes  
Location: Ottawa, Ontario  
Website: [www.madbuildings.com](http://www.madbuildings.com)

Listing No. REC782-1  
Report No. REC782-1, Edition 1

Effective Date: November 18, 2022  
Last Revised Date: November 18, 2022  
Expires: N/A

Standards: CSA A277 "Procedure for Factory Certification of Prefabricated Buildings, Modules, and Panels"

Ontario Building Code, Part 9 Housing and Small Buildings

Ontario Building Code, Part 7 Plumbing

Ontario Electrical Safety Code (Canadian Electrical Code, Part I, "Safety Standard for Electrical Installations" with Ontario amendments)

*Note 1: Unless otherwise specified, the Standards and Codes noted are the most current versions in effect.*

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

1. The QAI label (item 1067, black with gold, 3-1/2" diameter) is normally located in close proximity to the electrical panel and includes:

- Certification label serial number
- QAI certification logo with the "C" Identifier
- "Modular Homes"

QAI logo shown here:



2. The specification nameplate (item 1068, 8-1/2" x 14" 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

3. Other Markings as required by the relevant codes.

Note 2: The QAI label and specification nameplate are available from QAI and must be applied at the factory.

Models / Ratings: Single or multi-family dwellings classified under one major occupancy (*Group C – Residential*), constructed in single or multiple modules one storey configurations. Modular homes under this scope have a building area not exceeding 600m<sup>2</sup>.

Multi residential buildings are designed and constructed within the limitations of Part 9 with vertical fire and sound separations. This listing does not include multi-residential buildings requiring horizontal fire and sound separation or shared egress facilities, hotels and motels, and/or any buildings designed with multiple major occupancies.

For a full list of structures covered under this occupancy please refer to Notes to Part 3, A-3.1.2.1.(1) Major Occupancy Classification in the Ontario Building Code.

**Structural:**

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

**Electrical Ratings:**

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

**Heating/Ventilation:**

None

**Plumbing:**

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

**Gas Systems:**

None

Notes: Modular Homes included in this listing are manufactured at a central facility and transported to the site. These modules must include provisions for on site interconnections, connection to municipal services (water and sewage) and electrical power and propane supply. QAI certification covers the construction of the modular homes including any factory installed plumbing, electrical and propane services, appliances, equipment and fixtures. QAI certification 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 installed features.

Site installation of products must be done according to manufacturer's installation instructions and in compliance with the requirements set by the local authority having jurisdiction.

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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