

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM

Customer: Thunder Bay Offsite Innovations Corp.
Class: Factory Built Modular Homes
Location: Thunder Bay, ON

Listing No. REC695-1
Project No. REC695-1, Edition 1
Effective Date: July 15, 2019
Last Revised Date: July 15, 2019
Expires: N/A

Standards: CSA A277-16 *“Procedure for Certification of Prefabricated Buildings, Modules, and Panels”*

Ontario Building Code (Part 9)

Ontario Electrical Safety Code (CSA C22.1 Canadian Electrical Code, Part I, “Safety Standard for Electrical Installations” with Ontario Amendments)”

Ontario Plumbing Code

Product: Modular Homes

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

1. QAI label with 'C' identifier (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” in size) is normally located in close proximity to the electrical panel and includes:
 - manufacturer’s name and address
 - model and serial numbers
 - fuel type
 - complete electrical rating

- year of manufacture
- appliances and equipment that are factory installed
- additional markings as may be required
- ground and design snow load
- thermal resistance of insulation and design heat loss

3. 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: Single or multiple family dwellings classified under one major occupancy (Group C – Residential), constructed in single or multiple modules up to a maximum of 1-storey configurations. Modular homes under this scope have a building area not exceeding 600m².

Multi-residential buildings are designed and constructed within the limitations of Part 9 with vertical fire and sound separations. For a full list of structures covered under Group C occupancy, please refer to Appendix A, Division B of the National Building Code.

This listing does not include multi storey residential buildings requiring horizontal fire and sound separation or shared egress facilities, hotels and motels, and/or any buildings designed with multiple major occupancies. Roof and exterior wall cladding to be installed on site and are not covered on this evaluation.

Structural:

Conventional wood frame construction.

Electrical Ratings:

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

Heating/Ventilation:

Modular homes may be equipped with ducting for installation of a central forced air gas furnace on site. Modules may be equipped with heating and air conditioning (electrical only).

Plumbing:

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

Gas Systems:

None.

Notes: Structures included in this listing are manufactured at a central facility and transported to the site. These modules include provisions for on-site interconnections, connection to municipal services water, sewage and gas, and electrical power supply. QAI certification covers the construction of the structures including any factory installed plumbing, gas and electrical services, 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 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.
