



FACTORY BUILT STRUCTURES LISTING PROGRAM

Customer: 21 Structures Ltd.
Class: Manufactured Homes
Location: Okotoks, Alberta
Website: www.21structures.com

Listing No. REC831-1
Project No. REC831-1, Edition 1

Effective Date: April 1, 2025
Last Revised Date: April 1, 2025
Expires: N/A

Standards: CSA A277 "Procedure for Factory Certification of Prefabricated Buildings, Modules, and Panels"
CSA Z240MH Series "Manufactured Homes"

With reference to:

National Building Code of Canada (Part 9),
National Plumbing Code of Canada, and
CSA C22.1 Canadian Electrical Code, Part I, "Safety Standard for Electrical Installations"

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

Product: Manufactured Homes

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

1. The QAI label (item 1064, white lettering on blue background, 3-1/2" diameter) for single section homes, is normally located in close proximity to the electrical panel or next to the main entrance to the unit.
2. The CSA Z240MH nameplate (item 1072, 8-1/2" x 14" size) is provided to the purchaser and includes:
 - a) Manufacturer's name or trademark
 - b) Date of manufacture
 - c) Model name or project code
 - d) Foundation type (perimeter foundation wall or pier)
 - e) Floor live load
 - f) Specified snow load (1/50)
 - g) Seismic response S_a (0.2)
 - h) Hourly wind pressure (1/50)
 - i) Building envelope effective thermal resistance



- j) Windows/doors/skylights thermal characteristics
- k) Outside design temperature (heat loss/heat gain)
- l) Factory installed appliances
- m) Site installed components, assemblies, and systems
- n) Electrical system voltage, frequency, and amperage

3. Other markings as required by the relevant code.

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

Models / Ratings: Single family manufactured homes comprised of single modules in single storey configurations.

Structural:

Conventional Wood Frame Construction built on engineered steel chassis

Electrical Ratings:

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

Heating/Ventilation:

Units are equipped with electric heating system and heat recovery ventilator.

Plumbing:

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

Gas Systems:

None

Notes: Manufactured Homes included in this listing are built 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 supply. QAI certification covers the construction of the manufactured homes including any factory installed plumbing, and electrical 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. Anchorage, including the location and required capacity of anchorage devices.



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.
