

FACTORY BUILT STRUCTURES LISTING PROGRAM

Customer: Northplex Ltd.
Class: Modular Homes
Location: Barrhead, AB
Website: www.northplex.ca

Listing No. REC654
Project No. REC654-1, Edition 4

Effective Date: December 14, 2016

Last Revised July 23, 2020
Date:
Expires: <N/A>

Standards: CSA A277 "Procedure for certification of prefabricated buildings, modules, and panels"
Alberta Building Code, Part 9
National Building Code, Part 9
National Plumbing Code
CSA C22.1 Canadian Electrical Code, Part 1
CSA B149.1 "Natural Gas and Propane Installation Code"

Product: Factory Built Modular Homes, Group C Residential

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

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



The Specification Nameplate (item 1068, white with black, 8-1/2" x 14") 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 Sa(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

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 modular homes covered in this listing include:

Homes:

Single or multiple dwelling units classified under one major occupancy class (**Group C, Residential**), constructed in single or multiple modules in one, two or three storey configurations. Multiple suite residential dwelling units are constructed with vertical fire and sound separation with no dwelling units located above or below other dwelling units. Buildings included in this listing include Engineered foundations, designed and constructed as per the requirements of the local Authority Having Jurisdiction. Modular buildings constructed under this scope have a building area not exceeding 600m² and fall within the Scope of Part 9 of the Building Code.

Structural:

Conventional Wood Frame Construction within the limitations of Part 9. Units are constructed with wood floor and roof truss systems designed in Part 4 with Professional Design.

Electrical Rating:

200A, 120/240VAC, 60Hz, 1Phase

Heating/Ventilation:

Units may be equipped with central forced-air furnaces. Units may be electric, natural gas or propane fired. Units may be equipped with air conditioning. Units may be equipped with solid-fuel-burning appliances.

Plumbing:

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

Gas:

Units may be equipped with natural gas equipment and appliances including gas fireplaces.

Notes: Modular Homes included in this listing are manufactured at a central facility and transported to site. These modular homes, 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 of 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 warranty 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.
