

FACTORY BUILT STRUCTURES LISTING PROGRAM

Customer: Northplex Ltd.
Class: Modular Business Commercial Industrial Structures
Location: Barrhead, AB
Website: www.northplex.ca

Listing No. REC654
Project No. REC654-4, Edition 3

Effective Date: April 3, 2019

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"

Note: Unless otherwise specified, the standards/codes noted are the most current versions in effect.

Product: Business Commercial Industrial Structures

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

The QAI label (item 1096) – black lettering with silver background is normally located in close proximity to the electrical panel and includes:

- Certification label serial number
- QAI certification logo with the "C" identifier
- "Business Commercial Industrial Structures"

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 $S_a(0.2)$
- 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

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: Structures are used for single Major Occupancy Classified as Group D – Business and Personal Services. Building Classified under this occupancy are constructed in single or multiple modules in single storey configurations with a building area not exceeding 600m².

Structures under this listing typically include units used as business offices or for personal services. This listing does not include structures with Multiple Major Occupancies.

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

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.

Notes: Modular Buildings included in this listing are manufactured at a central facility and transported to site. These modular buildings, 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 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.
