

## **FACTORY BUILT STRUCTURES LISTING PROGRAM**

Customer: ATCO Structures and Logistics Ltd.  
Class: Permanent Engineered Structures  
Location: Calgary, Alberta  
Website: www.atcosl.com

Listing No. REC712-1  
Project No. REC712-1, Edition 3  
Effective Date: September 19, 2018  
Last Revised: November 2, 2020  
Date:  
Expires: N/A

Standards: CSA A277-16 "Procedure for certification of prefabricated buildings, modules, and panels",  
British Columbia Building Code, Parts 3,4,5, and 6,  
Alberta Building Code, Parts 3,4,5, and 6,  
National Building Code of Canada, Parts 3,4,5, and 6,  
National Plumbing Code of Canada,  
British Columbia Plumbing Code,  
CSA C22.1 Canadian Electrical Code (Part 1)

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

Product: Factory Built Permanent Engineered Structures

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

1. QAI Label with 'C' identifier (item 1097) – black lettering with silver background) is normally located in close proximity to the electrical panel.

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

- Date of Manufacture
- Model Serial Number or Product Code
- Foundation Type (Perimeter Foundation Wall or Piers)
- Floor Live Load (kPa)
- 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

The QAI Label and Specification Nameplate are available from QAI and must be applied at the Factory.

Models / Ratings: Factory Built Permanent Engineered Structures built under Parts 3,4,5, and 6 of the BC Building Code, Alberta Building Code and National Building Code of Canada. These structures are intended to be used for a single Major Occupancy classified as **Group C, Residential**.

For a full list of structures covered under the above Occupancy Class, 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.

The design of each discipline: structural, electrical, architectural, mechanical, and electrical require review and approval by Registered Professionals registered in the Province where the units are intended to be installed.

**Structural:**

Conventional Wood Frame construction designed in Part 4 by Professional Engineer

**Electrical:**

120/208V, 60Hz, 400A maximum

**Heating/Ventilation:**

Suites may be equipped with electric baseboard heaters and Packaged Terminal Air Conditioners (PTAC).

**Plumbing:**

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

**Sprinkler and Fire Alarm Systems:**

This certification covers factory installed portions of the fire alarm and sprinkler systems. The design of the fire alarm and sprinkler system must be designed by a professional engineer registered in the province in which the building is installed. Installation and commissioning of the fire alarm and sprinkler system must be completed on site by qualified technicians as per the requirement of the Authority Having Jurisdiction.

**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 and sewage) and electrical power supply. QAI certification covers the construction of the structures, including any factory installed plumbing 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 the 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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