

FACTORY BUILT STRUCTURES LISTING PROGRAM

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

Listing No. REC712-2
Project No. REC712-2, Edition 2
Effective Date: June 29, 2020
Last Revised: April 22, 2021
Date:
Expires: N/A

Standards: CSA A277 "Procedure for certification of prefabricated buildings, modules, and panels"
CSA C22.1 "Canadian Electrical Code, Part 1"
BC Building Code, Parts 3,4,5, and 6
BC Plumbing Code
Alberta Building Code, Parts 3,4,5, and 6
National Plumbing Code of Canada
CSA B149.1 "Propane and Natural Gas Installation Code"

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

Product: Factory Built Permanent Engineered Structures, Group A, Div. 2

Markings: Products are labelled and marked in a permanent manner where it is readily visible after installation with the following information:

QAI compliance label (item 1097, black lettering with silver background) is located in close proximity to the electrical panel.

The Specification Nameplate (item 1068, 8-1/2" x 14" in size) is located in close proximity to the electrical panel and includes:

- a) Manufacturer's name and address
- b) Date of Manufacture
- c) Model serial number or Product Code
- d) Foundation type (Perimeter Foundation Wall or Piers)
- e) Floor Live Load (kPa)
- 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
- o) QAI logo shown here:



Models / Ratings: Structures are:
Permanent Engineered Modular Structures built under Parts 3,4,5 and 6 of the Alberta or British Columbia Building Code. These permanent modular structures are classified under Group A2 Occupancy and are comprised of single or multiple modules. Structures included in this listing require considerations from Parts of the Building Code outside of Part 9 with respect to Structural, Fire Safety and Mechanical Systems.

Structures under this listing typically include units used as kitchen facilities for construction camps or classroom modules. This listing does not include structures with multiple Major Occupancies.

For a full list of structures covered under this occupancy, please refer to Notes to Part 3, A-3.1.2.1.(1) Major Occupancy Classification in the applicable building code.

Structural:

Wood frame construction with secondary structural steel components designed in Part 4 by P.Eng.

Electrical System:

120/208V, 60Hz, 800A, 3PH

Plumbing System:

Conventional drain and vent systems to a maximum of 240 hydraulic fixture units, designed by P.Eng.

Heating/Ventilation:

Units are equipped with natural gas or propane fired forced air handler units/furnaces and may contain roof top ventilation units

Gas System:

Units are equipped with natural gas or propane fired forced air handler units/furnaces and may contain commercial kitchen equipment

Fire Alarm System:

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

Notes: Structures included in this listing are manufactured at a central facility and transported to site. These modules include provisions for on-site interconnections, connection to municipal services (water and sewer), gas and electrical 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 site installed 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.
