

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM

Customer: Guildcrest Building Corporation
Class: Engineered Structures
Location: Morewood, Ontario
Website: www.guildcrest.com

Listing No. REC585-7
Project No. REC585-7, Edition 1
Effective Date: May 7, 2019
Last Revised Date: May 7, 2019
Expires: N/A

Standards: CSA A277-16 "Procedure for Certification of Prefabricated Buildings, Modules, and Panels"

Quebec Construction Code, Chapter I – Building (NBCC with Quebec amendments)

CSA C22.10 Québec Construction Code, Chapter V – Electricity (CSA C22.1 Canadian Electrical Code, Part I, "Safety Standard for Electrical Installations" with Quebec amendments)

Product: Factory Built 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
 - 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: Engineered Modular Structures under Parts 3, 4, 5 and 6 of the National Building Code. These structures are intended to be used for a single Major Occupancy classified as *Group A, Division 2 – Assembly*. Structures included in this listing are used as portable classrooms manufactured in single or multiple modules up to 2-storey configurations.

This certification does not cover completion of the spatial separation and the barrier-free access which is to be completed on site under permit. A qualified professional is required to design and validate exposing building faces and barrier-free design as per the requirements of the local authority having jurisdiction.

Vehicular lighting and brake lighting systems must be provided by the transport company and be in compliance with the requirements of the Authority Having Jurisdiction.

Structural:

Conventional Wood Frame Construction.

Electrical Ratings:

120/240V, 60Hz, 100A, single phase systems.

Heating/Ventilation:

Primarily electrical baseboard heaters. Systems may be equipped with air conditioning (electrical only).

Plumbing:

None.

Gas Systems:

None.

Fire Alarm System:

This certification does not cover completion of the fire alarm systems. The design of the fire alarm system must be designed by a professional engineer registered in the province in which the building is intended to be installed. Installation and commissioning of this system must be completed on site by qualified technicians as per the requirements of the local authority having jurisdiction.

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 and electrical power supply. QAI certification covers the construction of the structures including any factory installed electrical service, 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.

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.
