

FACTORY CONSTRUCTED BUILDINGS AND STRUCTURES LISTING PROGRAM

Customer: Triple M Housing Ltd.
Class: Permanent Engineered Structures
Location: Lethbridge, AB
Website: www.triplemhousing.com/

Listing No. REC579-13
Project No. REC579-13, Edition 1
Effective Date: September 6, 2017
Last Revised Date: January 10, 2018
Expires: N/A

Standards: CSA A277-16 "Procedure for Certification of Prefabricated Buildings, Modules, and Panels"
Alberta Building Code 2014
National Building Code 2015
National Plumbing Code 2015
C22.1-15 "Canadian Electrical Code, Part 1, Safety Standard for electrical Installations" (23rd Edition)

Product: Factory Built Permanent Engineered Structures

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

1. The QAI label with 'C' identifier (item 1097 - Permanent Engineered Structures CSA A277 Compliance Label) is normally located in close proximity to the electrical panel and displays the QAI logo shown here:



2. The specification nameplate (item 1068, 8-1/2" x 14" in size) 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

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: The scope of buildings covered in this listing include:

Buildings:

Permanent Engineered Structures under Part 3, 4, 5 and 6 of the National Building Code and Alberta Building Code. Structures are used for single Major Occupancy classified as Group B, Division 2 – Care occupancies, constructed in single or multiple modules in single storey configurations.

Structures under this listing typically include units used as Daycares. These listing do not include structures with multiple Major Occupancies.

For a full list of structures covered under this occupancy please refer to Division B, Section A-3.1.2.1.(1) of the National Building Code.

Structural:

Conventional Wood Frame Construction

Electrical Ratings:

120/240V, 60Hz, 200A Max.

Heating/Ventilation:

Central forced air furnaces. Units may be electric. Systems may be equipped with air conditioning

Plumbing:

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

Fire alarm and sprinkler system is installed on site by Simplex. This is not covered under this certification.

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 water, sewer, and electrical services. 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 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.
