



FACTORY BUILT STRUCTURES LISTING PROGRAM

Customer: Muchalat Construction Ltd.
Class: Business Commercial Industrial Structures
Location: Courtenay BC, Canada
Website: www.muchalatgroup.com

Listing No. REC613-4
Project No. REC613-4, Edition 4

Effective Date: January 15, 2016
Last Revised November 3, 2022
Date:
Expires: N/A

Standards: CSA A277-16 "Procedure for certification of prefabricated buildings, modules, and panels",
BC Building Code (Part 9),
BC Plumbing Code,
National Building Code of Canada (Part 9),
National Plumbing Code of Canada, and
CSA C22.1 Canadian Electrical Code, Part 1

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

Product: Business Commercial Industrial Structures

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

1. The QAI label (item 1096) is normally located in close proximity to the electrical panel and includes:
 - Certification Label Serial Number
 - QAI certification label with the 'c' identifier,
 - "Business Commercial Industrial Structure",
 - QAI Logo is shown here:



2. 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,
- Product Serial Number or Product Code,
- Foundation Type,
- Floor Live Load,
- Specified Snow Load (1/50),
- Building Envelope Effective Thermal Resistance,
- Windows/Doors/Skylights Thermal Characteristics,
- Outside Design Temperature (Heat Loss/Heat Gain),
- Factory Installed Appliances,
- Site Installed Components, Assemblies, and Systems, and
- Electrical System Voltage, Frequency, and Amperage

Other Markings as required by the Relevant Codes.

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

Models / Ratings: Buildings are used for single Major Occupancy classified as *Group D – Business and Professional Services, Group E – Mercantile, and Group F3 – Low Hazard Industrial*. These structures are constructed in single or multiple modules in single storey configurations with a building area not exceeding 600m².

Structures in this listing typically include business offices used for personal services, stores, or storage units and may contain Barrier-Free washroom facilities. This listing does not include any 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 BC Building Code.

Structural:

Conventional Wood Frame construction within the limitations of Part 9 of the Building Code. May contain Part 4 Structural Design.

Electrical:

120/208V, 3PH, 60Hz, 200A

120/240V, 1PH, 60Hz, 200A

Heating/Ventilation:

Electric Furnace or Electric Unit Heaters. Modules may be equipped with ducting for installation of a central forced air furnace.

Plumbing:

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

Gas:



None.

Notes: Modular Structures included in this listing are manufactured at a central facility and transported to the installation site. These modules, 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 modules, 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 to services or to other modules, and for site mounting features.

Products shall be installed in accordance with the requirements of 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.
