



CITY OF COURTENAY BUILDING BULLETIN

www.courtenay.ca

GLASS GUARD REQUIREMENTS

The following information is to provide direction on the steps required to ensure guards installed in buildings that include glass and guards that contain glass but do not incorporate a continuous top rail are designed to meet the applicable requirements of the BCBC and the permit submission requirements for the City of Courtenay.

GLASS IN GUARDS

All guards shall be designed to withstand the loads specified in the BC Building Code sections 9.8.8.2 for Part 9 Buildings and 4.1.5.14 for Part 3 buildings. Glass in guards serving one and two dwelling units shall comply with CAN/CGSB 12.1 (/12.11)- M or ASTM E1300.

GUARDS WITHOUT TOP RAILS

Glass guards that do not incorporate a structural top rail will be required to provide some means of structural redundancy to prevent collapse of the assembly in the event of the failure of a glass member. These types of guards will be required to be certified by a professional engineer with site specific sealed drawings and Letters of Assurance (LOA) provided at the time of building permit application. The Schedule B (LOA) shall include sections 1.5, 1.6 and 1.15 with the Schedule C-B submitted prior to calling for an occupancy inspection.

ADDITIONAL INFORMATION

Please refer to the following publications for additional information relating to guard design for buildings:

- Engineers and Geoscientists BC, Professional Guidelines Designing Guards for Buildings
- CAN/CGSB 12-20M Structural Design of Glass for Buildings

For further information, please contact the Building Division at 250-703-4862 or building@courtenay.ca.