

TALL WALL GENERIC ENGINEERING DETAILS

DISCUSSION

Part 9 of the Alberta Building Code 2006 defines the maximum allowable heights for load bearing and non-load bearing walls. Table 9.23.10.1. specifies the requirements for exterior walls only up to 3.6 metres and for interior walls up to 4.2 metres in height. Walls exceeding the heights listed in the table must be individually engineered under Part 4 of the Code.

INTERPRETATION

The values for the maximum unsupported heights of walls referenced in Article 9.23.10.1. of the Alberta Building Code 2006 are permitted to be determined using the values from:

Guidelines for the Construction of Residential Tall Walls (Revised January 2009)

prepared by:

Bearden Engineering Consultants Ltd.

published by:

The Alberta Housing Industry Technical Committee (AHITC)

distributed by:

Canadian Home Builders' Association – Alberta

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This report is acceptable in place of project-specific engineering on a case-by-case basis. Please note that the project-specific details for the tall wall construction MUST appear on the drawings submitted for the building permit. Walls that do not meet the criteria outline in the scope of the above-mentioned document will still need to have site-specific engineering on a case-by-case basis.

This INTERPRETATION is applicable throughout the province of Alberta.

Unless stated otherwise, all Code references in this STANDATA are to Division B of the Alberta Building Code 2006.



Issue of this STANDATA is authorized by
the Acting Chief Building Administrator

[Original Signed]
Chris Salvian, P.Eng.



SAFETY CODES COUNCIL