

2025)

This circular is to inform the industry on the update to the Approved Document with reference to BCA circular ref: APPBCA-2025-03 issued on 3 Mar 2025.

2 The update comprises mostly editorial changes, which are meant to improve clarity. Other than that, the rest of the updates comprises removal of references to the old BS/SS standards, rule relaxation and streamlining. The updates shall apply to **all projects for which the first set of plans is submitted to the Commissioner of Building Control for approval on or after 1 September 2025.**

3 For your information, a table highlighting all updates and relevant explanatory comments is provided in Annex A. An electronic copy of the updated Approved Document can March 2025 from this link:

https://www1.bca.gov.sg/docs/default-source/docs-corp-regulatory/approved-document-v7-07.pdf?sfvrsn=5be1dd75_1

4 We would appreciate if you could share this circular with your members. If you need

<https://www.bca.gov.sg/feedbackform/>.

5 Thank you.

Yours faithfully


A purple rectangular box is positioned below the signature.

AR. ONG YU ZI JANE
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BUILDING PLAN AND MANAGEMENT GROUP
BUILDING AND CONSTRUCTION AUTHORITY
For COMMISSIONER OF BUILDING CONTROL

Annex A –AMENDMENTS TO THE APPROVED DOCUMENT 1 MARCH 2025

CURRENT VERSION 7.06	1 MARCH 2025 VERSION 7.07	COMMENTS
Section		

CURRENT VERSION 7.06	1 MARCH 2025 VERSION 7.07	COMMENTS
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B.3.2 Load

B.3.2.1 The building shall be able to resist loads determined in accordance with the following Standards

Type of Loads	When adopting Eurocodes
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(d) Imposed roof loads (i) Actions on structures

CURRENT VERSION 7.06

1 MARCH 2025 VERSION 7.07

CURRENT VERSION 7.06	1 MARCH 2025 VERSION 7.07	COMMENTS
	<p>a) The structural elements of ERSS shall be designed with an adequate safety factor that is not less than that of permanent structural works carried out in the same project.</p> <p>b) The allowable maximum wall deflection limits shall be limited to 0.5%H for Zone 1; 0.7%H for Zone 2; 0.7%H (Ground Type A) and 1.0%H (Ground Type B) for Zone 3, where</p> <ul style="list-style-type: none"> (i) H is the excavation depth; (ii) Zone 1 is denoted as where there are existing structures within a distance of H from the edge of the excavation; (iii) Zone 2 is denoted as where there are existing structures within a zone of between H and 2H from the edge of the excavation. (iv) Zone 3 is denoted as where existing structures are more than 2H from the edge of the excavation. Ground Type A refers to over-consolidated stiff clays and silts, residual soils, and medium to dense sands; and Ground Type B refers to soft clays (including treated soft clays), silts or organic soils extending to or below formation level (e.g. Kallang Formation) and loose fills. 	<p><i>stabilizing structures</i></p>

CURRENT VERSION 7.06

1 MARCH 2025 VERSION 7.0

CURRENT VERSION 7.06	1 MARCH 2025 VERSION 7.07	COMMENTS
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Type of Loads	When adopting Singapore or British design standards	When adopting Eurocodes
(i) Structural steel	(vi) Design Guide on Use of Alternative Structural Steel Materials to BS 5950 and Eurocode 3 BC 1;	(vi) Design Guide on Use of Alternative Structural Steel Materials to BS 5950 and Eurocode 3 BC 1;

Type of Materials	When adopting Eurocodes Standards
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(i) Structural steel

CURRENT VERSION 7.06	1 MARCH 2025 VERSION 7.07	COMMENTS
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Section E STAIRCASES

CURRENT VERSION 7.06	1 MARCH 2025 VERSION 7.07	COMMENTS
Section O Protection from Injury by Vehicles in Buildings		

O.3. Acceptable Solution

O.3.3 Notwithstanding paragraph O.3.2, in the case of a vehicular barrier in a project where the first structural plans have been submitted for approval by the Commissioner of Building Control before 1 April 2015, the vehicular barrier may be designed to be capable of resisting forces set out in BS 6399- Part 1: Loading for Buildings. Code of Practice for Dead and Imposed Loads.

O.3. Acceptable Solution

~~O.3.3 Notwithstanding paragraph O.3.2, in the case of a vehicular barrier in a project where the first structural plans have been submitted for approval by the Commissioner of Building Control before 1 April 2015, the vehicular~~ 3s1-143(B)6(e)-3(3(ing)-5e

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