

ORDINANCE No.

Amend Seismic Related Definitions for Existing Buildings Code to update references from the old American Society of Civil Engineers standards to the current version of the standards (Ordinance; amend Code Section 24.85.020)

The City of Portland ordains:

Section 1. The City Council finds:

1. The Bureau of Development Services (BDS) promotes safety, livability, and economic vitality through efficient and collaborative application of building and development codes.
2. BDS administers Portland City Code (PCC) Title 24, Building Regulations, including PCC Chapter 24.85, Seismic Design Requirements for Existing Buildings.
3. PCC Chapter 24.85 contains references to the American Society of Civil Engineers (ASCE) Standards, which provides engineering standards for structures, including standards for evaluation and seismic retrofitting of existing buildings.
4. These standards were recently updated.
5. Because of this update, the existing references to the ASCE Standards in PCC Section 24.85.020 need to be amended to conform to the most recent version of the ASCE Standards.

NOW, THEREFORE, the Council directs:

- a. Portland City Code Section 24.85.020 is amended as set forth in Exhibit A.

Passed by the Council:

Mayor Ted Wheeler
Prepared by: Nancy Thorington, BDS
Date Prepared: September 9, 2020

Mary Hull Caballero
Auditor of the City of Portland
By

Deputy

~~680~~717
Agenda No.
ORDINANCE NO.
Title

Amend Seismic Related Definitions for Existing Buildings Code to update references from the old American Society of Civil Engineers standards to the current version of the standards (Ordinance; amend Code Section 24.85.020)

<p style="text-align: center;">INTRODUCED BY Commissioner/Auditor: Mayor Ted Wheeler</p>	<p>CLERK USE: DATE FILED <u>September 1, 2020</u></p>
<p style="text-align: center;">COMMISSIONER APPROVAL</p> <p>Mayor—Finance & Administration - Wheeler <small>Mustafa Washington Digitally signed by Mustafa Washington Date: 2020.09.01 12:43:13 -07'00'</small></p>	<p style="text-align: center;">Mary Hull Caballero Auditor of the City of Portland</p> <p>By: <u>Keelan McClymont</u> <small>Digitally signed by Keelan McClymont Date: 2020.09.01 17:00:38 -07'00'</small> Deputy</p>
Position 1/Utilities - Fritz	
Position 2/Works - Vacant	
Position 3/Affairs - Hardesty	
Position 4/Safety - Eudaly	
<p style="text-align: center;">BUREAU APPROVAL</p> <p>Bureau: Development Services Bureau Head: <u>Rebecca Esau</u> <small>Digitally signed by Rebecca Esau Date: 2020.08.19 13:10:38 -07'00'</small></p>	<p>ACTION TAKEN: September 9, 2020 Passed to Second Reading September 16, 2020 at 9:30 a.m.</p>
<p>Prepared by: <u>Leanne Torgerson</u> Date Prepared: <u>8/19/2020</u></p>	
<p>Impact Statement</p> <p>Completed <input checked="" type="checkbox"/> Amends Budget <input type="checkbox"/></p>	
<p>Portland Policy Document If "Yes" requires City Policy paragraph stated in document.</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>City Auditor Office Approval: required for Code Ordinances DB</p>	
<p>City Attorney Approval: required for contract, code, easement, franchise, comp plan, charter DB</p> <p><small>Adrienne DelCotto Digitally signed by Adrienne DelCotto Date: 2020.08.24 09:28:07 -07'00'</small></p>	
<p>Council Meeting Date <u>September 9, 2020</u></p>	

AGENDA

TIME CERTAIN
Start time: _____
Total amount of time needed: _____
(for presentation, testimony and discussion)

CONSENT

REGULAR
Total amount of time needed: _____
(for presentation, testimony and discussion)

FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:		
		YEAS	NAYS
1. Fritz	1. Fritz		
2. Vacant	2. Vacant		
3. Hardesty	3. Hardesty		
4. Eudaly	4. Eudaly		
Wheeler	Wheeler		

Chapter 24.85 – SEISMIC DESIGN REQUIREMENTS FOR EXISTING BUILDINGS Section 24.85.020, Seismic Related Definitions, is amended as follows:

24.85.020 Seismic Related Definitions.

The definitions contained in this Section relate to seismic design requirements for existing buildings outlined in this Chapter.

A. ASCE 41 means the Seismic Evaluation and Retrofit of Existing Buildings ASCE/SEI ~~41-1341-17~~ published by the American Society of Civil Engineers and the Structural Engineering Institute.

B. – F. No changes.

G. BPOE- Basic Performance Objective for Existing Buildings: A series of defined Performance Objectives based on a building's Risk Category meant for evaluation and retrofit of existing buildings; See Table 2-1 and Table 2-2 of ASCE 41.

H. BPON- Basic Performance Objective Equivalent to New Building Standards: A series of defined Performance Objectives based on a building's Risk Category meant for evaluation and retrofit of existing buildings to achieve a level of performance commensurate with the intended performance of buildings designed to a standard for new construction; See Table ~~2-22-3~~ of ASCE 41.

I. – BB. No changes.



City of Portland, Oregon
Bureau of Development Services
Office of the Director
FROM CONCEPT TO CONSTRUCTION

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Rebecca Esau, Director
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September 9, 2020

To: Mayor Wheeler
Commissioner Eudaly
Commissioner Fritz
Commissioner Hardesty

From: Rebecca Esau, Director
Bureau of Development Services

Regarding: Proposed Ordinance on September 9, 2020 on Consent Agenda

I. RECOMMENDATION

Amend Chapter 24.85, Seismic Design Requirements for Existing Buildings, to Update References from the Old ASCE Standards to the Current Version of the Standards (Ordinance; amend Code Chapter 24.85)

II. BACKGROUND

Portland City Code (PCC) Chapter 24.85 regulates the seismic design requirements for existing buildings within the City. BDS relies in part on the engineering standards for evaluating and seismic retrofit of existing buildings that are contained in standards published by the American Society of Civil Engineers, known as the ASCE Standards. These standards were recently updated. Consequently, the references in PCC Chapter 24.85 are no longer accurate and need to be amended to conform with the most recent version of the ASCE.

BDS staff worked with the Seismic and Vintage Building Subcommittee of the Structural Engineers Association and the City's Structural Advisory Committee to vet the changes and obtained their approval.

III. SUMMARY OF ORDINANCE

The proposed ordinance updates the references in Chapter 24.85 to the most recent version of the ASCE.

IMPACT STATEMENT

Title:

Amend Seismic Related Definitions for Existing Buildings Code to update references from the old American Society of Civil Engineers standards to the current version of the standards (Ordinance; amend Code Section 24.85.020)

Contact name: Nancy Thorington, BDS Senior Code and Policy Analyst

Contact phone: 503-823-7023, nancy.thorington@portlandoregon.gov

Presenter names: Amit Kumar, amit.kumar@portlandoregon.gov
 Nancy Thorington, nancy.thorington@portlandoregon.gov

Purpose of proposed ordinance and background information:

This ordinance updates the references in the definitions section of Chapter 24.85, governing seismic design requirements existing buildings, to the most current version of the American Society of Civil Engineers (ASCE) Standards.

Financial and budgetary impacts:

There are no financial or budgetary impacts associated with this ordinance.

Community impacts and community involvement:

BDS staff worked with the Seismic and Vintage Building Subcommittee of the Structural Engineers Association and the City’s Structural Advisory Committee to vet the changes and obtained their approval. In addition, included information regarding the amendment on the Development Review Advisory Committee (DRAC) monthly Code Change Project List.

Budgetary Impact Worksheet

Does this action change appropriations?

- YES:** Please complete the information below.
- NO:** Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount