

2022 Oregon Structural Specialty Code

Issued Errata



The following is errata for the published 2022 Oregon Structural Specialty Code (OSSC), which is based on the 2021 International Building Code (IBC).

The division issues errata for an adopted specialty code when there was a mistake in the printing of the integrated codebook, or a referenced section needs to be corrected in alignment with another section or code.

Changes are denoted as follows:

Blue/underline: added language to printed 2022 OSSC

~~Red/strikethrough~~: deleted language from printed 2022 OSSC

Chapter 1 Scope and Administration

Section 107.3.4.1 Delete the following sentence:

~~Two copies of a plot plan for the occupancies listed in this section shall be submitted for the placing of prefabricated structures to show the relationship of all adjacent buildings and their exit ways.~~

Chapter 3 Occupancy Classification and Use

Section 305.2.3 Replace reference to Section 3403.4 with [Section 3403.6](#).

Section 308.5.5 Replace reference to Section 3403.4 with [Section 3403.6](#).

Section 310.4.1 Replace reference to Section 3403.4 with [Section 3403.6](#).

Section 310.4.2 Replace reference to Section 3403.4 with [Section 3403.6](#).

Section 310.4.3 Text box update

Adult foster homes and residential training homes within detached one-family dwellings.

Adult foster homes as defined in ORS 443.705 and residential training homes as defined in ORS 443.400 licensed for five or fewer individuals prior to July 1, ~~2024~~ [2026](#), shall not require the installation of an automatic fire sprinkler system under application of the state building code. See enrolled ~~Senate Bill 1548 [2022]~~ [Senate Bill 1521 \[2024\]](#) at Oregonlegislature.gov for more details.

Section 311.4 Remove the reference to Section 456.

Chapter 4 Special Detailed Requirements Based on Occupancy and Use

Section 414.8 **Hazard identification signs.** Unless otherwise exempted by the *building official*, visible hazard identification signs as specified in NFPA 704 for the specific material contained shall be placed on stationary *containers* and aboveground tanks and at entrances to locations where *hazardous materials* are stored, dispensed, used or handled ~~in quantities requiring a permit~~ and at specific entrances and locations designated by the *building official*.

Section 415.9.1.8 Replace reference to "this code" with "[Section 919](#)."

Section 415.11.1.12 Replace reference to Section 415.11.6.5 with [Section 415.11.7.5](#).

Table 428.3

TABLE 428.3
DESIGN AND NUMBER OF LABORATORY SUITES PER FLOOR

FLOOR LEVEL		PERCENTAGE OF THE MAXIMUM ALLOWABLE QUANTITY PER LAB SUITE ^a	NUMBER OF LAB SUITES PER FLOOR	FIRE-RESISTANCE RATING FOR FIRE BARRIERS IN HOURS ^b
Above Grade Plane	21+	Not allowed	Not Permitted	Not Permitted
	16-20	25	1	2 ^c
	11-15	50	1	2 ^c
	7-10	50	2	2 ^c
	4-6	75	4	1
	3	100	4	1
	1-2	100	6	1
Below Grade Plane	1	75	4	1
	2	50	2	1
	Lower than 2	Not Allowed	Not Allowed	Not Allowed

a. Percentages shall be of the maximum allowable quantity per control area shown in Tables 307.1(1) and 307.1(2), with all increases allowed in the footnotes to those tables.

b. Fire barriers shall include walls, floors and ceilings necessary to provide separation from other portions of the building.

c. Vertical fire barriers separating laboratory suites from other spaces on the same floor shall be permitted to be 1-hour fire-resistance rated.

Section 430.4.2 Replace the reference to Table 509 with [Section 430.9](#) in Item 1.

Section 430.6.1 Replace the reference to Section 509.1 with [Section 430.9](#).

Chapter 5 General Building Heights and Areas

Section 508.5 **508.5 Live/work units** A live/work unit shall comply with Sections 508.5 through 508.5.11.

Exceptions:

1. Dwelling or sleeping units that include an office that is less than 10 percent of the area of the dwelling unit are permitted to be classified as dwelling units with accessory occupancies in accordance with Section 508.2.
2. Detached one- or two-family dwellings or townhouses that include an office that is less than 10 percent of the area of the area of the dwelling unit shall comply with the Residential Code.

Chapter 9 Fire Protection and Life Safety Systems

Section 907.5.2.3.2 **907.5.2.3.2 Groups I-1, R-1 and R-4.** Habitable spaces in dwelling units and sleeping units in Group I-1, ~~and R-1~~ and R-4 occupancies shall be provided with visible alarm notification in accordance with Table 907.5.2.3.2 and the accessibility requirements of ICC A117.1. Visible alarms shall be activated by the in-room smoke alarm and the building fire alarm system, as applicable.

Chapter 11 Accessibility

Section 1102.1.2.10 Replace the reference to ICC A117.1 Section 1103.9 with [Section 1104.9](#).

Section 1106.1 Replace the reference to Section 1106.8 with [Section 1106.10](#) in the second sentence.

Section 1108.6.2.1 Replace the reference to Section 419 to [Section 508.5](#).

Chapter 16 Structural Design

Table 1607.1 Item 30 refers to sidewalks, vehicle driveways, and yards subject to trucking.

TABLE 1607.1
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS, L_o , AND MINIMUM CONCENTRATED LIVE LOADS

OCCUPANCY OR USE		UNIFORM (psf)	CONCENTRATED (pounds)	ALSO SEE SECTION
30.	Sidewalks, vehicular driveways, and yards, subject to trucking	250 ^b	8,000	Section 1607.20

Table 1609.3

TABLE 1609.3
BASIC DESIGN WIND SPEED, V, FOR RISK CATEGORY I, II, III AND IV BUILDINGS AND OTHER STRUCTURES

COUNTY	RISK CATEGORY I BASIC DESIGN WIND SPEED, V (MPH)	RISK CATEGORY II BASIC DESIGN WIND SPEED, V (MPH)	RISK CATEGORY III BASIC DESIGN WIND SPEED, V (MPH)	RISK CATEGORY IV BASIC DESIGN WIND SPEED, V (MPH)
Benton special wind region^a	115	120	130	135
Yamhill special wind region^a	115	120	130	135

Figures 1613.2.1(1) and 1613.2.1(2)

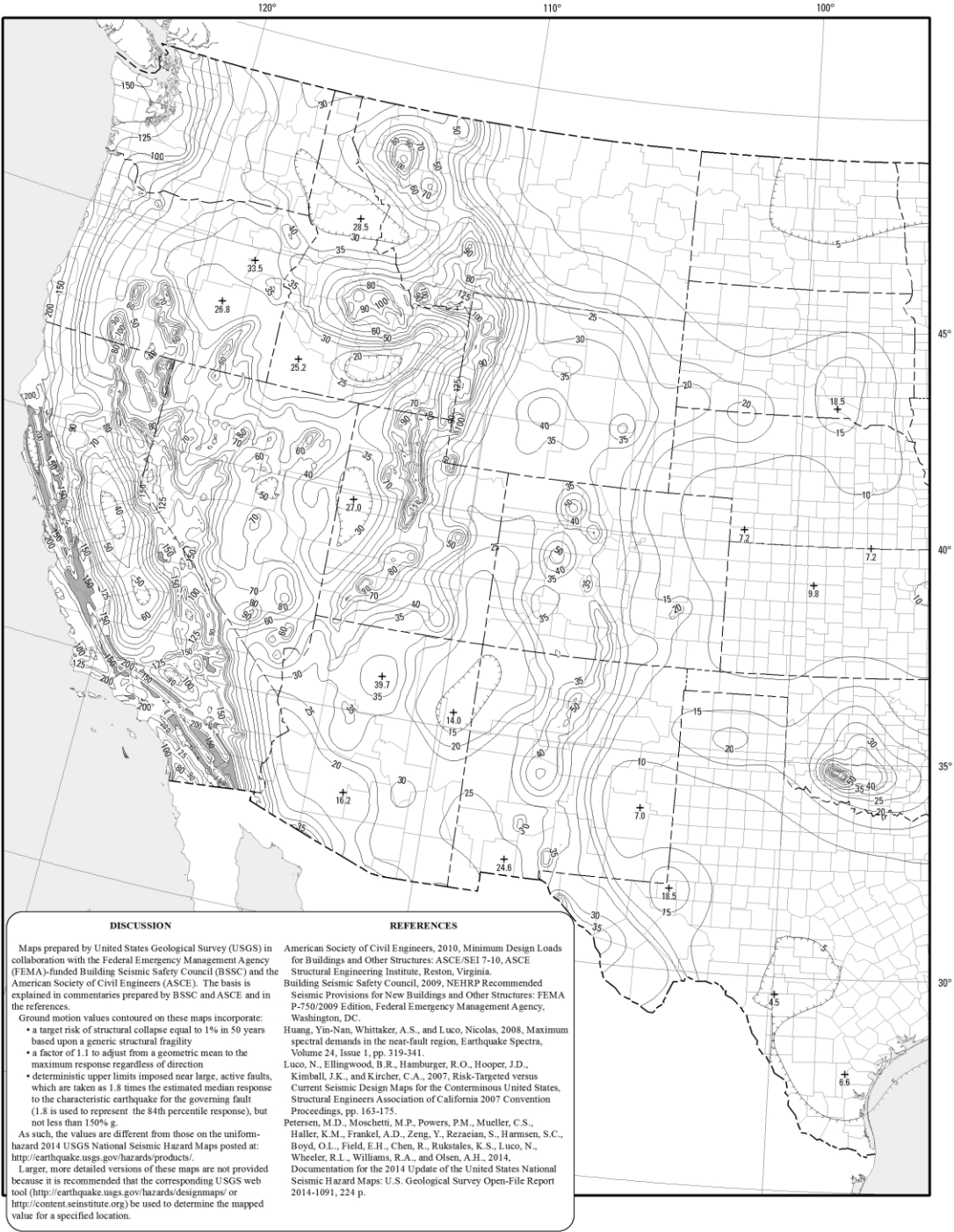


FIGURE 1613.2.1(1)
RISK-TARGETED MAXIMUM CONSIDERED EARTHQUAKE (MCE_R) GROUND MOTION RESPONSE ACCELERATIONS FOR THE
CONTERMINOUS UNITED STATES OF 0.2-SECOND SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING)

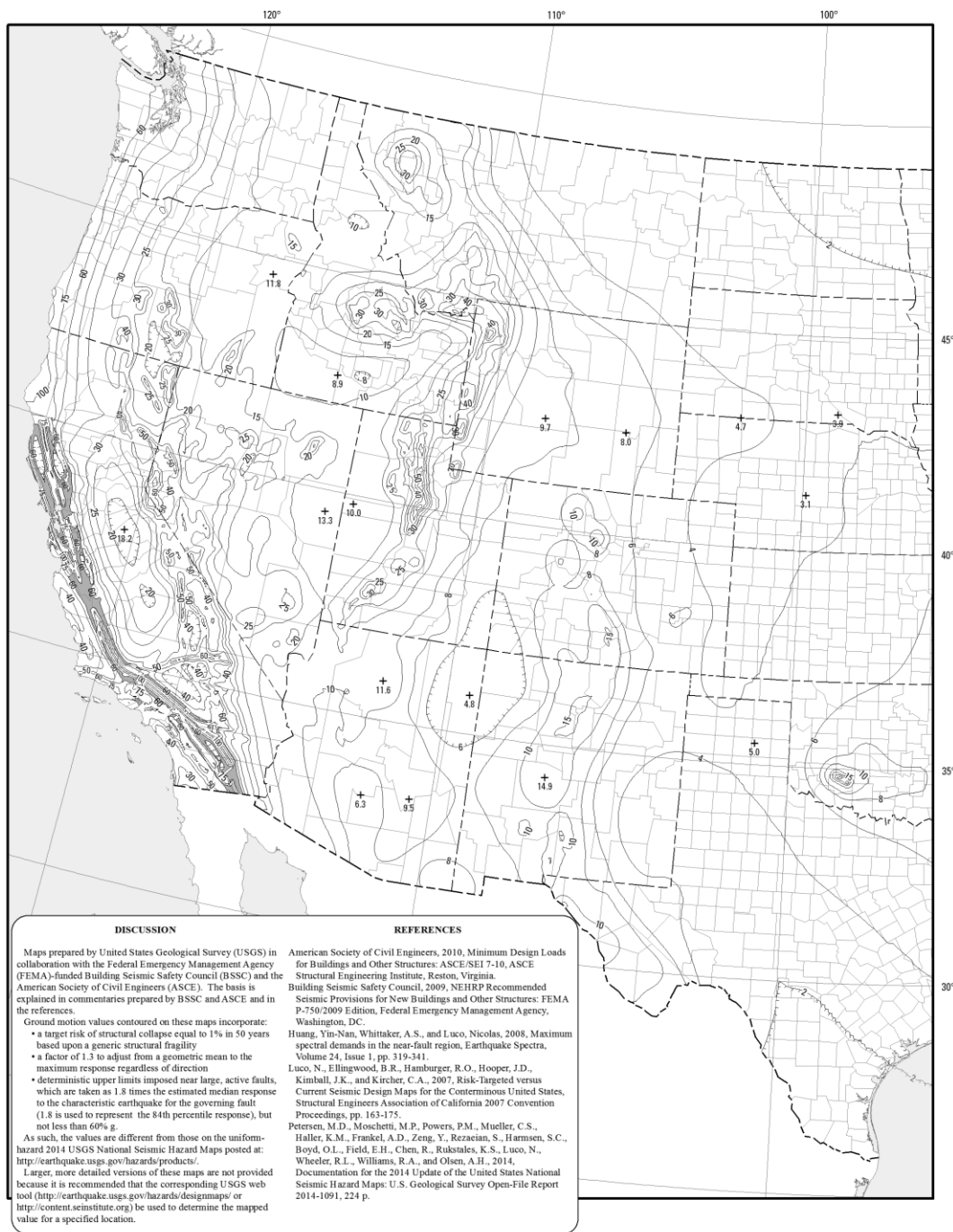


FIGURE 1613.2.1(2)
RISK-TARGETED MAXIMUM CONSIDERED EARTHQUAKE (MCE_R) GROUND MOTION RESPONSE ACCELERATIONS FOR THE
CONTERMINOUS UNITED STATES OF 1-SECOND SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING)

Chapter 17 Special Inspections and Tests

Table 1705.2

TABLE 1705.2
REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD ^a
6. Inspection of welding:			
a. Structural steel and cold-formed steel deck:			
1) Complete and partial joint penetration groove welds.	X	—	AWS D1.1
2) Multipass fillet welds.	X	—	
3) Single-pass fillet welds $> \frac{5}{16}$ ".	X	—	
4) Plug and slot welds.	X	—	
5) Single-pass fillet welds $> \leq \frac{5}{16}$ ".	—	X	
6) Floor and roof deck welds.	—	X	AWS D1.3

Chapter 23 Wood

Table 2304.10.2

TABLE 2304.10.2
FASTENING SCHEDULE

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER ^a	SPACING AND LOCATION	
31. $\frac{19}{32}$ " — $\frac{3}{4}$ "	8d common ($2\frac{1}{2}$ " \times 0.131") or deformed (2" \times 0.113") (subfloor and wall)	6	12
	8d common or deformed ($2\frac{1}{2}$ " \times 0.131" \times 0.281" head) (roof) or RSRS-01 ($2\frac{3}{8}$ " \times 0.113") nail (roof) ^d	6°	6°
	$2\frac{3}{8}$ " \times 0.113" \times 0.266" head nail; or 2" 16 gage staple, $\frac{7}{16}$ " crown (subfloor and wall)	4	8

Chapter 29 Plumbing Systems

Table 2902.1

TABLE 2902.1
MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES^a (See Sections 2902.1.1 and 2902.2)

5	Institutional	Reformatories, detention centers and correctional centers ^b	1 per 15	1 per 15	1 per 15	1 per 100 —
		Employees in reformatories, detention centers and correctional centers ^b	1 per 25	1 per 35	—	1 per 100 —
		Adult day care and child day care	1 per 15	1 per 15	1	1 per 100 —
6	Mercantile	Retail stores, service stations, shops, salesrooms, markets and shopping centers	1 per 500	1 per 750	—	1 per 1,000 —
7	Residential	Hotels, motels, boarding houses (transient)	1 per sleeping unit	1 per sleeping unit	1 per sleeping unit	—
		Dormitories, fraternities, sororities and boarding houses (not transient)	1 per 10	1 per 10	1 per 8	1 per 100 —
		Apartment house	1 per dwelling unit	1 per dwelling unit	1 per dwelling unit	—
		One- and two-family dwellings and lodging houses with five or fewer guestrooms	1 per dwelling unit	1 per 10	1 per dwelling unit	—
		Congregate living facilities with 16 or fewer persons	1 per 10	1 per 10	—	1 per 100 —
8	Storage	Structures for the storage of goods, warehouses, storehouses and freight depots, low and moderate hazard	1 per 100	1 per 100	—	1 per 1,000 —

Chapter 31 Special Construction

Section 3111.4.2 **3111.4.2 Solar-ready construction.** Newly constructed buildings shall be provided with a *solar-ready zone* complying with Sections 3111.4.1 through 3111.4.9.

Exceptions:

1. Detached one- and two-family dwellings, townhouses and accessory structures that comply with Residential Code.
- ~~2.1.~~ Group U occupancies.
- ~~3.2.~~ A building with a permanently installed, on-site renewable energy system.
- ~~4.3.~~ A building with a *Total Solar Resource Fraction (TSRF)* of less than 80 percent, as documented and submitted by the *registered design professional* and *approved* by the *building official*.
- ~~5.4.~~ A building where the *registered design professional* submits documentation identifying that the *solar-ready zone* required by Section 3111.4.3 is infeasible because of structural configuration, extensive rooftop equipment, skylights, *vegetative roof* areas, other obstructions, or other unique design limitations, and where such documentation is *approved*.

Section 3111.4.3 **3111.4.3 Solar-ready zone.** A *solar-ready zone* shall be located on ~~the roof of buildings~~ building roof planes that are oriented between 110 degrees and 270 degrees of true north ~~or have~~ and on low slope roofs (roof slope < 2:12).

Section 3111.3.5.3 **Item 1.2.3**

- 1.2.3. Existing supporting roof framing is *conventional light-frame construction* with preengineered trusses or rafters spaced at not more ~~less~~ than 24 inches (610mm) on center.

Chapter 34 Existing Buildings

Section 3403.6.6 **3403.6.6 Additions.** Provisions for new construction shall apply to *additions*. An *addition* that affects the accessibility to, or contains an area of, ~~a~~ *primary function* shall comply with the requirements in Section 3403.6.7.1.

Section 3405.6.5.3 **3405.6.5.3 Seismic loads (seismic force-resisting system).** Where a *change of occupancy* results in a building being assigned to a higher *risk category*, or where the change is from a Group S or Group U occupancy to any occupancy other than Group S or Group U, the ~~entire structure~~ building shall satisfy the requirements of Section 1613 for the new *risk category* using full seismic forces.

Exceptions:

1. ~~Specific seismic detailing requirements of Section 1613 for a new structure shall not be required to be met where the seismic performance is shown to be equivalent to that of a new structure. A demonstration of equivalence shall consider the regularity, overstrength, redundancy and ductility of the structure. Where the area of the new occupancy is less than 10 percent of the building area, the occupancy is not changing from a Group S or Group U occupancy, and the new occupancy is not assigned to Risk Category IV, compliance with this section is not required.~~
2. Where a *change of use* results in a building being reclassified from *Risk Category* I or II to *Risk Category* III and the seismic coefficient, *SDS*, is less than 0.33, compliance with this section is not required.
3. Where the change is from a Group S or Group U occupancy and there is no change of *risk category*, use of reduced seismic forces shall be permitted.

Section 3410.11.5.2 Replace the reference to Section 905 with Section 3409.5.