

Oregon Structural Specialty Code 2025 edition

The following is errata for the published 2025 Oregon Structural Specialty Code (OSSC).

The division issues errata for an adopted specialty code when there is 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 2025 OSSC

~~Red/strikethrough~~: deleted language from printed 2025 OSSC

Chapter 1 Scope and Administration

Section 101.2: The duplicate sentence is deleted.

See Section R101.2.1 for the scope and application of the *Residential Code*. ~~See Section R101.2.1 for the scope and application of the *Residential Code*.~~

Chapter 3 Occupancy Classification and Use

Section 310.4.4: Section is added addressing licensed residential treatment homes and next section is renumbered.

310.4.4 Licensed residential treatment homes within a dwelling. Residential treatment homes, as defined in ORS 443.400, located within a *dwelling* shall be classified as Group R-3 occupancy.

Where located within a detached one- or two-family *dwelling* or *townhouse*, residential treatment homes shall be permitted to be constructed in accordance with the *Residential Code*, provided that an *automatic sprinkler system* is installed in accordance with Section 903.3.1.3 and accessibility is provided in accordance with Chapter 11 for newly constructed facilities and Section 3403.6 for existing facilities.

310.4.5 ~~**310.4.4**~~ **Lodging houses.** Owner-occupied lodging houses with five or fewer guest rooms and are located within a detached one-family dwelling shall be constructed in accordance with the *Residential Code*.

Chapter 6 Types of Construction

Section 603.1.3

603.1.3 Electrical. The use of electrical wiring methods with combustible insulation, tubing, raceways and related components shall be permitted where installed in accordance with the ~~limitations of this code~~ *Electrical Code*.

Chapter 7 Fire and Smoke Protection Features

Section 708.1: Reference to Section 1020.3 is replaced with Section 1020.2.

Chapter 9 Fire Protection and Life Safety Systems

Section 909.20.5.4: IBC errata

[909.20.6.4](#) ~~909.20.5.4~~ **Smoke detection.** The fan system shall be equipped with a *smoke detector* that will automatically shut down the fan system when smoke is detected within the system.

Section 918

918.2 Technical requirements. Equipment required to provide in-building, emergency responder communications enhancement shall be listed in accordance with UL 2524.

[918.3](#) ~~918.2~~ **Emergency Responder Communications Enhancement System (ERCES) Checklist, OSSC Form 918.** A completed Emergency Responder Communications Enhancement System (ERCES) Checklist, OSSC Form 918, shall be submitted to the *building official* at the time of initial permit application. OSSC Form 918 is available at Oregon.gov/bcd.

Exception: Where portions of the construction documents demonstrating compliance with Section 918 are being deferred in accordance with Section 107.3.4.1, only Parts I and II of OSSC Form 918 are required to be completed and submitted to the *building official* at the time of initial permit application.

[918.4](#) ~~918.3~~ **Survivability.** The following construction components shall be required as specified for the installation of emergency responder communications *enhancement* systems:

1. The backbone, antenna distribution, radiating, or any fiber-optic cables shall be rated as plenum cables.
2. The backbone cables shall be connected to the antenna distribution, radiating, or copper cables using hybrid coupler devices of a value determined by the overall design.
3. Backbone cables shall comply with one of the following:
 - 3.1. Routed through an enclosure with a *fire-resistance-rating* of not less than 2 hours for buildings four *stories* or more, and not less than 1 hour for buildings less than four *stories*. Penetrations shall comply with Section 714. Openings shall be protected in accordance with Section 716, as required for *shaft enclosures*.
 - 3.2. Listed cables providing a *fire-resistance-rating* of not less than 2 hours for buildings four *stories* or more, and not less than 1 hour for buildings less than four *stories*.
 - 3.3 Provided with *approved* equivalent alternative protection connection. ~~between the backbone cable and the antenna cables shall be made within an enclosure with a *fire-resistance-rating* of not less than 2 hours for buildings four *stories* or more, and not less than 1 hour for buildings less than four *stories*. Penetrations shall comply with Section 714. Openings shall be protected in accordance with Section 716, as required for *shaft enclosures*. Equivalent alternative protection of connections may be provided.~~
4. The connection between the backbone cable and the antenna cables shall be made within an enclosure with a *fire-resistance-rating* of not less than 2 hours for buildings four *stories* or more, and not less than 1 hour for buildings less than four *stories*. Penetrations shall comply with Section 714. Openings shall be protected in accordance with Section 716, as required for *shaft enclosures*. Equivalent alternative protection of connections may be provided.

Chapter 16 Structural Design

Table 1604.5—Risk category of buildings and other structures.

- c. For purposes of determining the primary occupancy of the building, where the combined design occupancy load of all assembly spaces exceeds 50 percent of the total building design occupant load or where the aggregate floor area of all assembly spaces exceeds 50 percent of the building area, ~~public~~ assembly shall be assigned as the primary occupancy.

Table 1608.2: Table for Ground Snow Loads, *pg*, for Alaskan Locations is deleted in its entirety.

Chapter 17 Special Inspections and Tests

Table 1705.2—Required verification and inspection of steel construction

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD ^a
5) Single-pass fillet welds $\leq 5/16"$.	X	X	AWS D1.1
6) Floor and roof deck welds.	X	X	AWS D1.3

Section 1705.2.6

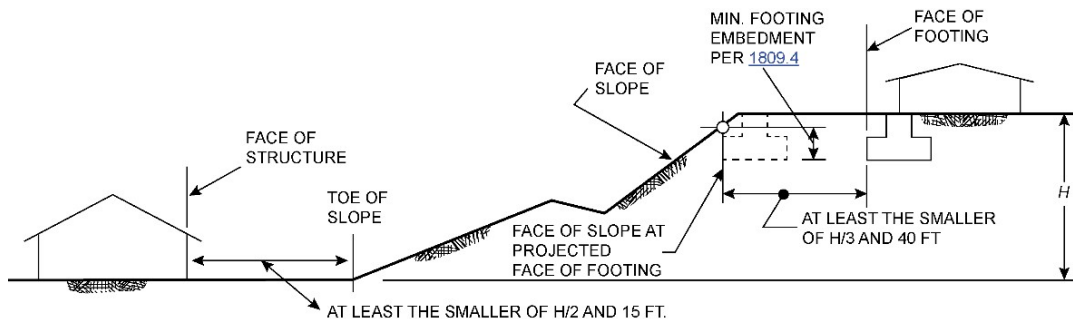
1705.2.6 Metal building systems. Special inspections of *metal building systems* shall be performed in accordance with Sections 1705.2.1, 1705.2.3, 1705.2.4 and 1705.2. ~~The approved agency shall perform inspections of the erected metal building system to verify compliance with the approved construction documents.~~

Section 1705.15.4.1

1705.15.4.1 Minimum allowable thickness. For design thicknesses 1 inch (25 mm) or greater, the minimum allowable individual thickness shall be the design thickness minus 1/4 inch (6.4 mm). For design thicknesses less than 1 inch (25 mm), the minimum allowable individual thickness shall be the design thickness minus 25 percent. Thickness shall be determined in accordance with ASTM E605. Samples of the *SFRM* shall be selected in accordance with Sections 1705.15.4.2 and [through 1705.15.4.9](#) ~~1705.15.4.3~~.

Chapter 18 Soils and Foundations

Figure 1808.7.1—Foundation clearances from slopes



Chapter 19 Concrete

Section 1905.7.1: Reference to ASCE/SEI 7 Equation 12.14-1 is replaced with 12.14.10.

Chapter 22 Steel

Section 2203.1

2203.1 General. The design, [fabrication](#) ~~manufacture~~ and erection of austenitic and duplex structural stainless steel shall be in accordance with AISC 370.

Chapter 31 Special Construction

Section 3103.6

3103.6 Structural requirements. *Temporary structures*, other than *public-occupancy temporary structures*, shall comply with the structural requirements of this code as necessary to safely support the anticipated *live loads*, environmental loads and *dead loads approved by the building official* in accordance with Sections 104.2 and 3103.1.2. *Public-occupancy temporary structures* shall be designed and erected to comply with the structural loading requirements ~~and of~~ Sections 3103.6.1 through 3103.6.4.

(The rest of Section 3103.6 remains unchanged)

Section 3113: The entire section is replaced with a text box.

[Consistent with the purpose and scope of application authorized in ORS 455, the requirements of Section 3113 of the IBC are not adopted by the State of Oregon, Building Codes Division, as part of this code.](#)
[Municipalities may not regulate these matters under the authority of this code. A municipality may have authority outside of this code to regulate these matters locally, where not preempted.](#)

Chapter 34 Existing Buildings

Section 3403.4.2

3403.4.2 (304.2) Snow loads on adjacent buildings. ~~Where an alteration or addition changes the potential snow drift effects on an adjacent building, the building official is authorized to enforce Section 7.12 of ASCE 7.~~ [Snow loads on adjacent buildings provisions are not applicable in Oregon and not adopted as part of this code.](#)

Section 3403.8.1: Reference to Section 915 is replaced with Sections 915.2 and 915.4.

Section 3405.2.3: Reference to Section 3405.2.3 is replaced with Section 3405.2.4.

Section 3408.4.6.4: Reference to Section 1010.2.9 is replaced with Section 1010.2.8.

Section 3408.4.13.2: *Added exception.*

3408.4.13.2 (804.13.2) Design. Handrails required in accordance with Section 3408.4.13.1 shall be designed and installed in accordance with the provisions of this code for new construction.

[Exception: Handrails otherwise required to comply with Section 1011.11 shall not be required to comply with the requirements of Section 1014.7 regarding full extension of the handrails where such extensions would be hazardous because of plan configuration.](#)

Section 3408.5.2: Exception No 1. is deleted.

3408.5.2 (805.2) Existing structural elements carrying gravity loads. ...

Exceptions:

- ~~1.—Buildings of Group R occupancy with not more than five dwelling or sleeping units used solely for residential purposes where the altered building complies with the conventional light frame construction methods of this code for new construction.~~
- 2.—Buildings in which the increased dead load is attributable to the addition of a second layer of roof covering weighing 3 pounds per square foot (0.1437 kN/m²) or less over an existing single layer of roof covering.

Section 3413.5.2.2.2

Section 3413.5.2.2.2 (1305.2.2.2) Area formula. The following formulas shall be used in computing the area value. Equation 3413-4 shall be used for a single occupancy buildings and Equation 3413-5 shall be used for multiple occupancy buildings. Determine the area value for each occupancy floor area on a floor-by-floor basis. For multiple occupancy buildings with the minimum area value of the set of values obtained for the particular occupancy shall be used as the area value for that occupancy.

(The rest of Section 3413.5.2.2.2 remains unchanged)

Chapter 35 Referenced Standards

~~AAMA~~ FGIA

Fenestration and Glazing Industry Alliance (formerly American Architectural Manufacturers Association) 1900 E Golf Road, Suite 1250, Schaumburg, IL 60173

714—~~2322~~: ~~Voluntary~~ Specification for Liquid-Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings

ASCE/SEI

- 19—~~2216~~: Structural Applications of Steel Cables for Buildings
- 41—~~1723~~: Seismic Evaluation and Retrofit of Existing Buildings
- 55—~~2216~~: Tensile Membrane Structures

ASME

~~A18.1—2023: Safety Standard for Platform Lifts and Stairway Chairlifts 1110.11~~

ASTM

- B209—21: Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
- C631—09(2020): Standard Specification for Bonding Compounds for Interior Gypsum Plastering
- C744—~~2016~~2021: Specification for Prefaced Concrete and Calcium Silicate Masonry Units
- D6223/D6223M—~~2016~~2021: Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements

BHMA

A156.10—~~2022~~2017: Power Operated Pedestrian Doors

DASMA

ANSI/DASMA 107—~~2020~~2012: Room Fire Test Standard for Garage Doors Using Foam Plastic Insulation

DHA

ANSI/HPVA HP-1—~~2022~~2020: American National Standard for Hardwood and Decorative Plywood

FEMA

FEMA-TB-11—~~23~~[01](#): Crawlspace Construction for Buildings Located in Special Flood Hazard Areas

NAAMM

FP 1001—~~18~~[07](#): Guide Specifications for Design of Metal Flag Poles

NFPA

655—~~19~~[17](#): Standard for the Prevention of Sulfur Fires and Explosions

RMI

ANSI MH16.3—~~2021~~[2016](#): Specification for the Design, Testing and Utilization of Industrial Steel Cantilevered Storage Racks