BUILDING DESIGN CRITERIA – JOSEPHINE COUNTY OREGON

View Current Oregon Codes at Oregon Building Codes Division:
http://oregon.gov/bcd
View Oregon Design Criteria Hub Mapping Tool:
https://www.oregon.gov/bcd/codes-stand/pages/design-criteria.aspx

Detached One and Two Family Residential:
2023 Oregon Residential Specialty Code- ORSC
(based on 2021 International Residential Code)

Commercial and others:
2022 Oregon Structural Specialty Code - OSSC
(based on 2024 International Building Code)

BUILDING SAFETY DEPARTMENT
Mark Stevenson, C.B.O., Building Official
700 NW Dimmick Street, Suite A Grants Pass, OR 97526
(541) 474-5405 / FAX (541) 474-5406
Web: www.josephinecounty.gov
Email: buildingsafety@josephinecounty.gov

Prescriptive Residential (One and Two Family Dwellings and Accessory)[3]

Wind Speed	Wind Pressure	Wind Exposure	Seismic	Roof Snow (Non-reducible)	Allowable Soil Bearing Pressure	Frost Level
95 mph (Basic Design Wind Speed) **74 mph** (Allowable Stress Design Wind Speed)	**18** PSF See ORSC table R301.2	Site Specific: Typically, "**B**" (Some may be "C")	**D_1** See (R301.2.2.2 for seismic limitations)	**Below 2500 ft** **25** PSF Design Snow **Above 2500 ft** Calculated from ground snow per "Snow Load Analysis of Oregon", by Structural Engineers of Oregon, published December 2007 (25 PSF minimum)	**1500** PSF without Soils Report	**12** inches at elevations below **2500** ft elevation otherwise **18**"

Commercial (Non-Residential One and Two Family Dwellings and Accessory)

Wind Speed	Wind Pressure	Wind Exposure	Seismic	Roof Snow (Non-reducible)	Allowable Soil Bearing Pressure	Frost Level
Per risk category (OSSC 1609) I: **89** mph / **69** asd II: **95** mph/ **74** asd III: **102** mph / **79** asd	Per OSSC Sec. 1609 & ASCE7	Site Specific: Typically, "**B**" (Some may be "C")	SDC **D** Site specific per OSSC Sec. 1614 See note 1 below	Site Specific: See OSSC 1608 for Snow load and design. See note 2 below	**1500** PSF without Soils Report	**12**" <2500 ft elevation **18"** >2500 ft elevation

Notes:
1. For Latitude/Longitude required for seismic parameters and site location and elevation, see www.terraserver.com and http://earthquake.usgs.gov/hazards/designmaps/
2. Snow load determinations per the "Snow Load Analysis of Oregon", by Structural Engineers of Oregon published December 2007. Designs per Chapter 7 of ASCE 7
3. Prescriptive design criteria for residential is applicable to the prescriptive designs outlined in the ORSC. Non-prescriptive designs (engineered) are required to comply with OSSC design criteria.