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Climatic and Geographic Design Criteria for the City of St Helens

Based on the 2021 Oregon Residential Specialty Code (ORSC)

Snow Load = Site specific ground snow loads, shall be those set forth in the online lookup tool at www.snowloads.seao.org/lookup.html and adjusted per Table R301.2.3.1. Minimum ground snow load for prescriptive design is 36psf. Minimum roof snow load for engineered design is 25psf.

Ultimate Design Wind Speed = 120mph (Columbia County Special Wind Region)

Wind Exposure Category = Determined by site conditions (see R301.2.1.3 2021 ORSC)

Seismic Category = D₁

Weathering = Moderate

Frost Line Depth = 12 inches

Decay = Moderate