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## **Tillamook County Design Criteria Based on the 2023 Oregon Residential Specialty Code**

**Seismic Design Category (SDC):** D2

**Basic Design Wind Speed (mph):** 120 mph Special Wind Region

**Wind Exposure:** See below for definitions of exposure B, C, or D

**Ground Snow Load Minimum:** 36psf prescriptive and 25psf engineered.

Check site specific snow load at [Snowload.seao.org/lookup.html](http://Snowload.seao.org/lookup.html)

**Frost Depth (in):** 12"

### **Wind Exposure Categories:**

- Wind Exposure B: Urban and suburban areas, wooded areas or other terrain with numerous closely spaced obstructions having the size of a single-family dwelling or larger.
- Wind Exposure C: Open terrain with scattered obstructions having heights generally less than 30 feet. This category includes flat, open country and grasslands.
- Wind Exposure D: Flat, unobstructed areas and water surfaces. This category includes smooth mud flats, salt flats and unbroken ice.

**Footings:** All exterior footings and foundation systems shall extend 12" below finished grade.

**Fill Supporting Foundations and Slabs:** All footings shall be placed on undisturbed natural soils or engineered fill. Fills used to support the foundations of any building or structure shall be placed in accordance with accepted engineering practice. A soil investigation report and a report of satisfactory placement of fill from an Oregon certified qualified engineer or approved testing agency, acceptable to the Building Official, shall be required.

**Lateral Bracing:** A design professional (architect, or Engineer, etc.) is required for any building or structure where the lateral bracing design does not follow prescriptive path per the current adopted Oregon Residential Specialty Code (ORSC).