

Chapter 24.16

SEISMIC HAZARD AREA

Sections:

- 24.16.010** Seismic hazard area – General purposes.
- 24.16.020** Seismic hazard area - Applicability.
- 24.16.030** Seismic hazard area – Development standards and review.

24.16.010 Seismic hazard area – General purposes.

The purposes of this section are to:

- A. Protect public health and safety;
- B. Establish minimum requirements to address seismic hazards; and
- C. Identify seismic hazard areas in Thurston County.

24.16.020 Seismic hazard area - Applicability.

This chapter applies to all properties in Thurston County. Seismic activity can be unpredictable and may exceed the scope of this title and other requirements of the Thurston County Code.

Such events may cause serious personal or bodily injury, including death, and damage to or loss of property. Too many uncertainties exist about the source, size and mobility of future events.

This chapter is not a guarantee against damage or injury due to seismic activity.

24.16.030 Seismic hazard area – Development standards and review.

- A. Buildings shall be subject to the design requirements and review process in Title 14 TCC, Buildings and Construction.
- B. Subdivision of property in an area that has a liquefaction susceptibility rating of high may occur provided that a geological report is provided that identifies sufficient buildable area outside of the area that has a liquefaction susceptibility rating of high. The boundary of the area that has a liquefaction susceptibility rating of high shall be clearly shown on the map.
- C. New roads, bridges, and utilities shall only be allowed in an area that has a liquefaction susceptibility rating of high when there is no feasible alternative location. Geotechnical analysis and design shall be provided to ensure the roadway, bridge and utility structures and facilities will not be susceptible to damage from seismic-induced ground deformation. Proposals shall be designed consistent with other requirements in the Thurston County Code, including Title 13 TCC, Roads and Bridges, Title 14 TCC, Buildings and Construction, and other applicable regulations.