

City Of Astoria Oregon Design Requirements

Snow Load: 25 PSF below the 500 maximum Foot Elevation

Frost Depth: 12 Inches.

Wind Speed

A. **Residential:** 105 MPH Exposure based on site specific location.

B. **Commercial:** (ASCE 7-10) (Or Residential non prescriptive requiring design)

1. 125 MPH Risk Category I (Utility type buildings of low importance)
2. 135 MPH Risk Category II (Most Buildings and Dwellings)
3. 140 MPH Risk Category III and IV (Essential Facilities and large Assembly Buildings)

Seismic Zone

1. Residential D2
2. Commercial D

Soil Bearing: Assumed 1500 psf or testing is required.

Current Codes

Commercial:

The 2014 Oregon Structural Specialty Codes (Building Plumbing and Mechanical) with (International Codes W/ Oregon amendments and the Uniform Plumbing Code w/ Oregon amendments) are currently used for commercial projects. **Those codes must be referenced on the construction documents not the International Codes.**

Commercial Energy Codes: 2014 Oregon Energy Efficiency Specialty Code

Residential:

One and two family dwellings must be designed to the current **2014 Oregon Residential Specialty Code.** (The International Residential Code with Oregon amendments)

Electrical: 2011 Oregon Electrical Specialty Code. (NEC with Oregon amendments)