

# CITY OF ASTORIA OREGON DESIGN REQUIREMENTS

Snow Load: **25 psf** below the 500 maximum foot elevation

Frost Depth: **12 inches**

Wind Speed

- A. **Residential:** 135 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 2019 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: 2019 Oregon Zero Energy Ready Commercial Code**

Residential:

One and two family dwellings must be designed to the current 2017 Oregon Residential Specialty Code. (The International Residential Code with Oregon amendments)

Electrical:

2017 Oregon Electrical Specialty Code (NEC with Oregon amendments)