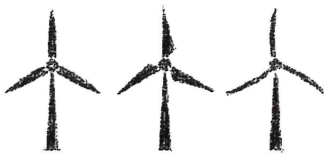
Design Criteria

General Design Criteria

- *Earthquake Loads* (seismic) – Seismic Zone D1.
- *Wind Loads* – See table 1609.3 (2019 OSSC)
- *Snow Load* – Ground Snow Load adjustment: 0.04
- *Soils and Foundations*
    - Soil bearing pressure – 1,000 pounds per square foot (psf), unless justified by a soils report. A lesser bearing pressure may be required in specific locations.
    - The frost depth is 12 inches.
- *Live Loads* – Roof snow load in Linn County is 25 PSF. (Call if the elevation is above 700 feet.)
- *Rainfall* – Design is based on two inches per hour.

Current Codes

2010 Manufactured Dwelling Installation Specialty Code (MDISC)
2011 Oregon Elevator Specialty Code (State Enforced)
2014 Oregon Fire Code (OFC)
2019 Oregon Mechanical Specialty Code (OMSC)
2019 Oregon Structural Specialty Code (OSSC)
2017 Oregon Plumbing Specialty Code (OPSC)
2017 Oregon Reach Code (ORC)
2017 Oregon Residential Specialty Code (ORSC)
2010 Oregon Solar Installation Specialty Code (OSISC)
Uniform Code for the Abatement of Dangerous Building
Uniform Housing Code
Oregon codes are available to view for free online! www.cbs.state.or.us/bcd/