



**POLE BUILDING POLICY**

FOR MORE INFORMATION VISIT THE CDS WEBSITE AT: [WWW.CO.KITTITAS.WA.US/CDS](http://WWW.CO.KITTITAS.WA.US/CDS)

Kittitas County shall require a Washington State licensed design professional (Architect or Engineer) to stamp, prepare or oversee the preparation of plans and calculations for pole buildings that meet any of the following criteria:

- Pole buildings with an eave height exceeding 16 feet.
- Pole buildings with habitable living space.
- Two story pole buildings where the second floor exceeds 200 square feet.
- Pole buildings in areas where the ground snow load exceeds 70 lbs. Pg.

Pole buildings that do not meet the above criteria are not required to be professionally designed. However these pole buildings must be designed as described below for all structural aspects. All nonstructural requirements will be reviewed using the current adopted code.

**Roof-Framing:**

- Trusses must be engineered to meet or exceed the design criteria specified for the specific site (i.e. snow load, wind load, etc.).
- Structural design of rafters and/or purlins shall be governed by Chapter 16 IBC.

**Connections:**

- All connections must be designed to withstand the appropriate loading per Chapter 16 IBC.

**Posts:**

- Structural design of posts shall be governed by Chapter 16 of the IBC.

**Post Embedment:**

- All post-holes shall be a minimum of 4-feet deep and a minimum of 18-inches in diameter (diameter is based on total load and may require holes greater than 18”).
- Holes must be back filled with concrete only, extending to undisturbed soil. Sono-tubes or similar items are not allowed without engineering because backfill is needed.
- Over excavated holes must be filled with concrete or provide an engineering/compaction test to verify backfill placement.

***Structural Engineering will prevail over Prescriptive Design Method***

DATE: 9/8/16

BUILDING OFFICIAL: MELORY