

**STRUCTURAL NOTES**

8/9/2016

You are responsible for verifying and accurately depicting all locations and dimensions of property lines; setback distances; and the location and width of streets, rights-of-way, and easements. The City may require additional information as needed. For preparation information, see *Standards for Plans and Drawings*. If you have any questions concerning your application submittal, please visit or call Permit Processing (425-452-4898) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4 Assistance for the hearing impaired: dial 711.

**Commercial Building Permits:**

1. Specify all design loads. Include live (including floor, stair, etc.), dead (including mechanical equipment, materials, etc.), wind, earthquake, snow, equivalent fluid pressure, soil bearing values, and geotechnical engineering parameters.
2. Specify grading and species of all framing lumber, including sheathing.
3. Specify GLU-LAM beam stress grade and combination symbols.
4. Indicate concrete design strength and mix, reinforcing steel grade and ASTM designation, reinforcing steel cover, etc.
5. Specify allowable stresses in structural steel, bolts, ASTM designation, etc.
6. Specify class of mortar to be used, mortar proportions, and allowable stress of mortar. Specify grade and class of masonry units to be used and allowable stress of masonry units.
7. Specify all welding to be done by WABO-certified welders or WABO-certified fabrication shops.
8. Structural steel details must be submitted for approval prior to fabrication.
9. Specify the special inspections required for the type of construction, as outlined in *International Building Code Chapter 17*.

**Single-Family Building Permits:**

1. Specify all design load values, including dead, live, snow, wind, lateral retaining wall pressures, and soil bearing values.
2. Specify grading and species of all framing lumber, including sheathing.
3. Specify GLU-LAM beam stress grade and combination symbols.
4. Specify maximum design concrete strength, concrete sack mix, and reinforcing bar grade.
5. Specify metal connectors, including joist hangers, clips, post caps, post bases, etc.