



**Building Services**  
808 West Spokane Falls Blvd  
Spokane WA 99201-3343  
(509) 625-6300

**BUILD-11**  
**“Post and Beam”**  
**Additions to Existing**  
**Buildings**

---

The use of other than a continuous footing and foundation with any building, residential or commercial requires structural design of this footing by an Engineer, or Architect licensed by the State of Washington. The designer is required to provide the allowable soil-bearing pressure as part of the design.

Framing plans and details shall also be provided for the construction of structural roof, floor, and wall assemblies. Plans and supporting information shall show that the provisions of the Washington State Energy Code are also being met.

Supporting calculations shall be submitted with the structural design, if requested by the Building Department.

IBC 1805.4.1 requires that footings be designed to minimize differential settlement and this must be specifically addressed as part of the design. Any structural design based on a soil bearing pressure of over 2,000 PSF will require a foundation investigation report, as defined in IBC 1802.