



City of Seattle  
**Department of Planning & Development**

## **2012 SBC Code Solution**

**SBC Section 106.5.2**  
**SE vs CE for Post-tensioned Concrete**  
**Shop Drawings**  
Release Date: January 14, 2014  
Page 1 of 1

*The following interpretation, policy or code alternate is intended to provide guidance to staff for consistency of review and is subject to change without notice. Application of this interpretation, policy or code alternate to specific projects may vary.*

### **Code Issue:**

When is a licensed structural engineer required to stamp post-tensioned concrete shop drawings?

### **Interpretation/Policy:**

A structural engineer's stamp is required on post-tensioned concrete shop drawings where structural design is shown. A civil engineer's stamp is permitted on post-tensioned concrete shop drawings where no structural design is shown.

For the purposes of this solution, "structural design" is considered to be the calculation of the banded and distributed tendon loads. Of necessity, the design must also include the location of the center of gravity of the tendon. Establishing chair heights and the actual numbers of tendons from the banded and distributed loads are not considered to be "structural design."

For questions about whether this code solution applies to your project:

- *If you have submitted a permit application, contact the Building Code plan reviewer assigned to your application*
- *If you have not submitted an application, contact DPD Building Code Technical Support at 206-684-4630 or in person at the Applicant Services Center. Visit the Applicant Services Center website for more information about hours and location [http://www.seattle.gov/dpd/Permits/Process\\_Overview/Location\\_Hours/default.asp](http://www.seattle.gov/dpd/Permits/Process_Overview/Location_Hours/default.asp)*



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