



City of Seattle
Department of Planning & Development

2006 SBC Code Solution

Sec. 106.5.2.2
SE vs CE for Post-tensioned Concrete Shop
Drawings
Release Date: **March 27, 2009**

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 are a licensed structural engineer's seal and signature required on post-tensioned concrete shop drawings?

Interpretation/Policy:

A structural engineer's seal and signature are required on post-tensioned concrete shop drawings where structural design is shown. A civil engineer's seal and signature are 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".

If you have 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



Construction Review & Inspection Quality

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