Meeting 5 of the BSSC PUC Issue Team on Shear Walls
KPFF Consulting Engineers
1601 Fifth Avenue, Suite 1600, Seattle, WA 98101

August 15 (8.30a – 6.00p) and August 16 (8.00a – 12.30p), 2017

Tentative Agenda

1. Call to order
2. Self-introductions
3. Opening remarks
4. Summary of web meeting of June 29, 2017
5. Review of agenda – possible revisions/additions
6. Update on a P-695 study to justify a proper R-value for a ductile coupled reinforced concrete shear wall system
7. Definition of a ductile coupled reinforced concrete shear wall system – Taylor/Fields
   a. Definition balloted by ACI 318H
   b. ACI 318H comments and proposed responses
   c. Revised definition to be balloted by ACI 318H
8. Input to Taylor/Fields by Joe Ferzli and others
9. Steel shear walls – Fahnestock/Berman
   a. A resource document that would be a basic comparison of concrete and steel plate shear walls.
   b. A resource document that would be a basic comparison of coupled systems of concrete and steel.
10. Masonry shear walls – Bennett
11. Solid walls, coupled walls and walls with openings – Lehman
12. Classification of reinforced concrete shear walls
13. Changes in special shear wall detailing being processed by ACI 318H - Taylor
13. Identification of problems in the shear design of shear walls
   
   ACI determination of required shear strength
   
   $\Phi$-factor used in shear design of shear walls
   
   Flexural overstrength
   
   Dynamic amplification
   
   Shear strength of concrete under high compression and high rate of loading – remote presentation by Kurama
   
   
   Shear migration to compression pier and shear-compression interaction in a coupled shear wall system – Lehman.

   Other aspects?

14. Wood shear walls – remote report by Cobeen or Line

15. Assignments

16. Other business

20. Next meeting

21. Adjournment

Note: Expect Day 1 to end while meeting is on Agenda Item 11.