



Engineering Consulting

Construction Engineering

Expert Witness Services

February 22, 2016

Cascade Shoring, LLC
7410 B SE Johnson Creek Blvd.
Portland, OR 97206

Attn: Bret Taylor

Re: Aluminum Hydraulic shore tabulated data

Dear Bret,

You asked me about interpretation of the referenced tabulated data, specifically the limits of the shoring system. I consider the limits of the shoring to be the shoring element, the closest to the unshored earth. Laterally that would be the outside edge of the plywood, not the hydraulic shore in the middle. A three shore system spaced at 4 ft on center with plywood sheeting would provide 12 ft shoring. Also, vertically the bottom of the shore is the bottom of the plywood, the element closest to the bottom of the trench, that element must be within 2 ft of the bottom of the excavation.

I hope this clears up any confusion. Please feel free to have your people or reviewers of the tabulated data call me if you need more clarification.

Best regards,

Joe Turner



Exp. 6.30.16



Exp. 5.02.16