K-Brace for OCBF System

a Kindresign A SC 18 & 1 Control of the Antice of the unbalanced loading. K-type bracing is to be designed for the unbalanced loading. Is that accurate? Designing the column for the forces specified in Section 14.3 seems very high. Is there any alternative, such as designing the column for the amplified seismic load?

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Beam Bracing

I am designing a one-story open-framed (no decking) building and must provide lateral stability bracing of the beams. Working with the 2005 AISC Appendix 6.3 addresses the force required for both nodal and relative bracing in beams. I have a situation where nodal bracing is desired for architectural reasons. I am aware that this bracing force must be delivered to a rigid support at bracing ends. Does the bracing force act in an additive manner? For example, I have four parallel beams restrained from rotation via nodal bracing; does the bracing have to be proportioned to resist four times the force computed from Eq. A-6-7?

Channel Columns

What Section of the AISC _____ covers channel columns?

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