

**PROPOSAL 8-31 (2008)**

**SCOPE: Table 15.4-1 of the 2009 Provisions**

**PROPOSAL FOR CHANGE:**

**Revise Table 15.4-1 as follows**

**Table 15.4- 1 Seismic Coefficients for Nonbuilding Structures Similar to Buildings**

Nonbuilding Structure Type	Required Detailing Provisions	R	$\Omega_0$	$C_d$	Structural System and Height Limits (ft) <sup>a, e</sup>				
					A & B	C	D	E	F
Steel Storage Racks	15.5.3	4	2	3.5	NL	NL	NL	NL	NL
Building frame systems:									
Special steel concentrically braced frames	AISC 341	6	2	5	NL	NL	160	160	100
<u>With permitted height increase</u>	<u>AISC 341</u>	<u>4</u>	<u>2</u>	<u>3 ½</u>	<u>NL</u>	<u>NL</u>	<u>400</u>	<u>400</u>	<u>240</u>
Ordinary steel concentrically braced frame	AISC 341	3 ¼	2	3 ¼	NL	NL	35 <sup>b</sup>	35 <sup>b</sup>	NP <sup>b</sup>
With permitted height increase	AISC 341	2 ½	2	2 ½	NL	NL	160	160	100
With unlimited height	AISC 350	1.5	1	1.5	NL	NL	NL	NL	NL

**REASON FOR PROPOSAL:**

This option was inadvertently not included in the development of Table 15.4-1. The increased height limit values are relatively consistent with the increases permitted for other systems as an offset for higher design forces.

**TS 8 VOTE:**

*YES-11      Yes with Reservations-1      No-0      Not Voting-1*

**Yes with Reservations**

*Silva, John*

I would like to see how this progressed through the previous NEHRP cycle.