

**Revisions and Errata List**

**AISC Steel Design Guide 28, 1<sup>st</sup> printing (Printed Edition) and March 2015 Revision (Digital Edition)**

**August 20, 2020**

The following list represents corrections made to the first printing (dated 2013) and the March 2015 revision (digital edition) of AISC Design Guide 28, *Stability Design of Steel Buildings*.

**Page(s)**      **Item**  
 20                Revise Table 2-4 to:

<b>Table 2-4. Required Column Axial Strength</b>							
<b>Member</b>	<b><math>P_r</math>, kips</b>						
	<b>Comb1</b>	<b>Comb2</b>	<b>Comb3</b>	<b>Comb4</b>	<b>Comb5</b>	<b>Comb6</b>	<b>Comb7</b>
<b>ROOFCOL</b>	44.6	44.6	96.9	80.8	49.6	84.4	33.5
<b>FLOORCOL</b>	149	310	201	306	169	321	88.1

In the 10<sup>th</sup> line of text, revise the allowable axial compressive strength of the W8×31 to:

$$\frac{P_n}{\Omega_c} = 96.9 \text{ kips} > P_r \quad \text{o.k.}$$

Under the heading “Floor Columns,” revise as follows:

The required strength of the floor column to:

$$P_r = 321 \text{ kips (Comb6)}$$

Under the heading “Roof Braces,” revise as follows:

The required tensile strength of the roof braces is:

$$P_r = 11.7 \text{ kips (Comb5)}$$

21                Revise Table 2-5 to:

<b>Table 2-5. Required Brace Axial Strength</b>							
<b>Member</b>	<b><math>P_r</math>, kips</b>						
	<b>Comb1</b>	<b>Comb2</b>	<b>Comb3</b>	<b>Comb4</b>	<b>Comb5</b>	<b>Comb6</b>	<b>Comb7</b>
<b>ROOFBR</b>	0.535	0.536	1.22	1.03	11.7	9.18	11.5
<b>FLOORBR</b>	1.95	4.86	2.75	4.78	36.1	29.9	35.1

Under the heading “Roof Braces,” revise as follows:

The required tensile strength of the floor braces is:

$$P_r = 36.1 \text{ kips (Comb5)}$$

123–124      On the last line of page 123, and continuing at the top of the left column on page 124, the replace “AISC *Specification* Equation C2-1a [2010 AISC *Specification* Equation A-8-1] with “Equation B-3.”

At the bottom of the left column, Equation B-10a should be changed to:

$$\bar{H}_{P\Delta} = \frac{\alpha \sum P_{nt} \bar{\Delta}_{2tot}}{L}$$