



DEPARTMENT OF ADMINISTRATIVE SERVICES

PROPOSED CHANGE OF THE CONNECTICUT STATE
BUILDING CODE AND FIRE SAFETY CODE

DATE SUBMITTED: 28 May 2021

CODE INFORMATION

Proposed change to: Building Code Fire Safety Code

Code section(s): CT 2020 Draft Amendment to IBC Chapter 17, Section 1705.2.6

PROPONENT INFORMATION

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PROPOSAL INFORMATION

Description of change and reason for change (attach additional information as needed):

The current proposal seeks to add the same Special Inspections requirements as the never-adopted draft 2020 CT Amendment. Revisions are being proposed to bring the format of this section into alignment with other sections of Chapter 17.

History:

The components specifically cited herein are oftentimes cold-formed steel components that do not meet the definition of structural steel or light-framed cold-formed steel construction. The intent of this provision is to attempt to fill the void that presently exists.

Proposed text change, addition or deletion (attach additional information as needed):

1705.2.6 Metal building systems. ~~Special inspections of metal building systems shall include the applicable special inspections of~~ *be performed in accordance with* Sections 1705.2.1, 1705.2.2, 1705.2.3 and 1705.2.5, and ~~shall also include periodic special inspection of the following:~~ *in accordance with Table 1705.2.6. The approved agency shall perform an inspection of the erected metal building system to verify compliance with the approved metal building system construction documents. Special inspections of standing-seam metal roof systems and metal wall panels are not required.*

- ~~1. Installation of flange braces.~~
- ~~2. Installation of purlins and girts.~~
- ~~3. Installation of purlin and girt bridging and bracing.~~
- ~~4. Installation of X-bracing, including proper tightening of X-bracing.~~

~~The approved agency shall also perform an inspection of the erected metal building system to verify compliance with the details shown on the approved metal building system construction documents, such as bracing, stiffening, member lapping, member reinforcing, opening details, member locations and connection details.~~

**TABLE 1705.2.6
REQUIRED SPECIAL INSPECTIONS OF METAL BUILDING SYSTEMS**

<u>TYPE</u>	<u>CONTINUOUS SPECIAL INSPECTION</u>	<u>PERIODIC SPECIAL INSPECTION</u>	<u>IBC REFERENCE</u>
<u>1. Installation of rafter/beam flange braces and column flange braces.</u>	---	<u>X</u>	
<u>2. Installation of purlins and girts including specified lapping.</u>	---	<u>X</u>	
<u>3. Purlin and girt bridging/bracing.</u>	---	<u>X</u>	
<u>4. Installation of X-bracing, including proper tightening of X-bracing.</u>	---	<u>X</u>	

Supporting data and documents (attach additional information as needed):

- This Proposal is original material.** (Note: Original material is considered to be the submitter's own idea based on or as a result of his/her own experience, thought or research and, to the best of his/her knowledge, is not copied from another source.)
- This Comment is not original material, its source (if known) is as follows:** (such as material / code development proposal from a prior development cycle or proposal submitted to model code committee etc.)
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- I would like to make an in-person presentation of my proposal.**

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Proponent's Signature

Thomas A. DiBlasi

Printed Name

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