

# FLOOR MODIFICATION

## S142-22-ROBINSON-1

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### 2021 International Building Code

Revise as follows:

**METAL BUILDING SYSTEMS.** ~~Metal building systems are professionally engineered structures that typically include basic metal elements such as primary rigid frames, orthogonal braced frames, as well as secondary members such as wall girts and roof purlins, cladding, and rollover bracing, all designed to act as an integrated building system.~~

An integrated set of fabricated components and assemblies that form a complete or partial building shell that is designed by the manufacturer. This system typically includes but is not limited to primary framing comprised of built-up structural steel members, secondary members that are cold-formed steel or open-web steel joists, a metal panel roof system and exterior wall cladding. The system is manufactured in a manner that permits plant and/or field inspection prior to assembly or erection.

**Table 1705.2.5 SPECIAL INSPECTIONS OF METAL BUILDING SYSTEMS**

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

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