

**NC Department of Insurance
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Prescriptive Design of a Deck

Code: 2018 Residential Code
Section: Appendix M Wood Decks

Date: Sept. 16, 2020

Question:

May the American Wood Council's "Design for Code Acceptance No. 6" (DCA 6) that is titled "Prescriptive Residential Wood Deck Construction Guide" be used for prescriptive design of decks under the 2018 NC Residential Code?

Answer:

No, DCA 6 uses a different and less direct system for lateral support parallel to the main structure than the systems used by Appendix M.

Notes:

1. DCA 6 provides some good details that could be a part of an engineered deck system.

Keywords:

joist, beams, racking, hold-down, tension device