



DEPARTMENT OF ADMINISTRATIVE SERVICES

August 02, 2024

I-24-05

Gianna Bradford, AIBD, CPBD
Vice President
Home Designing Service LTD.
25 Meadow Road
Windsor, CT 06095

Request for Formal Interpretation of the 2022 Connecticut State Building Code

Dear Ms. Bradford,

In response to your letter, you have requested a formal interpretation related to sections R301.1.3 the 2021 International Residential Code portion of the 2022 Connecticut State Building Code with the following questions related to professional engineer's stamps and use of I-Joists and Structural Composite Lumber (SCL) in residential construction.

Question #1:

Is the intent of the 2021 CT State Building Code for residential construction to require an engineer on all wood I-Joists and structural composite lumber (SCL)?

Answer #1:

A professional engineers stamp is not required for prefabricated wood members where span a load table are provided and those members are used in conventional prescriptive construction methods. Such products should also meet any ASTM standards as prescribed within the IRC.

However, it is important to note that while CGC section 20-298 states 1 & 2 family dwellings are exempt from requiring a registered CT professional engineer this does not preclude a building official from requesting their stamp when the activities are beyond the prescriptive code provisions such as use of premanufactured wood structural members with offset point loading and excessive floor cantilevers.

Sincerely,

Omarys Vasquez, AIA NOMA
State Building Inspector