



Manufactured Building

Wayne Goodwin | Commissioner of Insurance
Tim Bradley | Assistant State Fire Marshal

MEMORANDUM

DATE: April 20, 2012 (updates May 5, 2009 memo)

TO: Approved Third Party Inspection Agencies

FROM: C. Patrick Walker, P.E.
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RE: Compression Strips

Section R802.6.1 of the *North Carolina Residential Code, 2012 Edition*, requires a compression bearing strip to be installed between the roof assembly and the top plate of bearing walls **"if the compressive strength of the finished ceiling material is less than the loads it will be required to withstand."** It is the interpretation of the Manufactured Building Division that, if a modular manufacturer provides PE sealed structural calculations in their certification manual which verify that the ceiling material is capable of withstanding the applied design loads, then the compression strip required for bearing points of the roof truss assembly will no longer be necessary. Compression strips are still required to be located under the bearing points for major structural members such as ridge beams.

All third party certification agencies are hereby directed send a copy of this memorandum to each North Carolina approved modular manufacturer and to review their roof ceiling bearing situation to see if they may benefit from using the above listed procedure.

