



**Informal Interpretation Report
Number 7410**



Date October 21, 2014

Edition 2010

Section 710 and 713

Question:

Is it the intent of section 710.4 in a Type VA building, constructed of wooden roof trusses that are part of a one-hour rated ceiling roof assembly, to permit a one-hour fire rated smoke barrier to intersect the wooden roof truss at a right angle so that the wooden roof truss penetrates the smoke barrier as the smoke barrier tracks through the one-hour fire rated ceiling assembly to the roof deck above?

Answer

No. In type VA the smoke barrier must be supported by a rated assembly. It would stop at the bottom of the rated roof/ceiling assembly.

Commentary:

If the application has been tested in the configuration described, it will have a design number and specifics for the construction. The penetrations contemplated by the code are pipes, tubes, conduit and the like. In this case, the penetration is by a structural member. The smoke barrier is required to be supported by construction with the same fire resistance rating as the smoke barrier.

Notice:

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, the Florida Department of Business & Professional Regulation, ICC, and industry and professional experts offer this interpretation of the Florida Building Code in the interest of consistency in their application statewide. This interpretation is informal, non-binding and subject to acceptance and approval by the local building official.