



# Washington State Building Code Council

*Improving the built environment by promoting health, safety and welfare*

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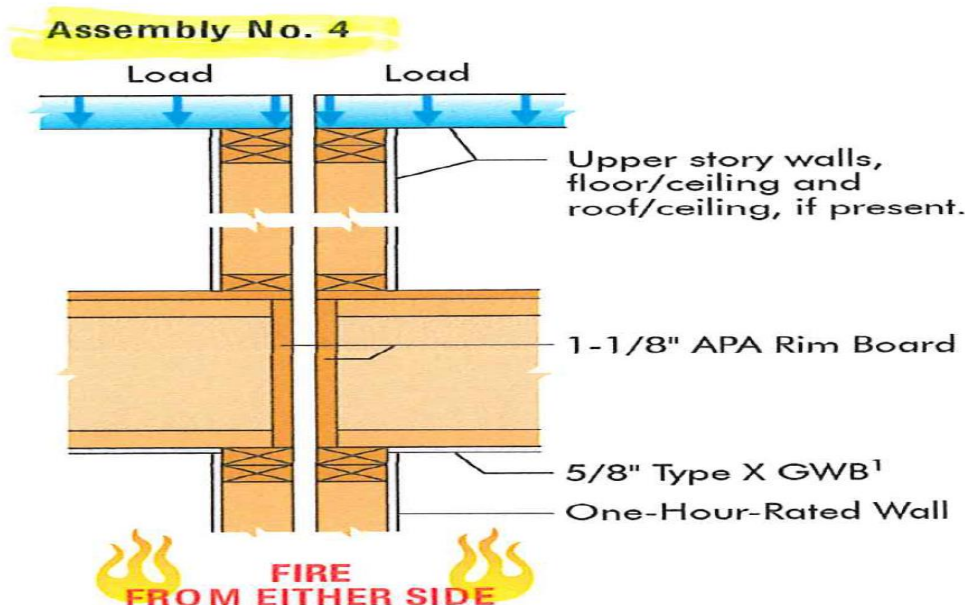
## STATE BUILDING CODE INTERPRETATION NO. 16-07

**CODE:** 2015 International Residential Code

**SECTION:** R302.3/Two Family Dwellings

**QUESTION:** I have been requested to evaluate some documentation regarding an alternative method to providing for separation wall continuity within the floor cavity between floors of multi-story two-family dwellings. Attached is the documentation that has been provided to me, the wall and floor being constructed is as shown therein with the joists perpendicular to the wall. In the opinion of the council, do the details provided within the document provide an equivalent method of providing the separation as required by IRC Section R302.3?

**ANSWER:** Yes. "Assembly No 4" appears to meet the 1-hour fire resistant rated requirement in 2015 IRC R302.3. The code specifies that the assembly extend to and be tight against the exterior wall. The assembly is tested to meet ASTM E 119 in the configuration shown and would satisfy that requirement.



**SUPERSEDES:** None

**REQUESTED BY:** City of Cheney