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Subject: Collapse of World Trade Center 7 on 9/11/2001

Report: A Structural Reevaluation of the Collapse of World Trade Center 7

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Purpose: Address a point of clarification of the study presented above.

To whom it may concern:

We spent over a year using finite element methods to examine various failure modes that could have led to the collapse of World Trade Center 7 on September 11, 2001. While doing this work, we examined the effects of including non-structural sheathing stiffness in the analysis and compared analytical results with the exclusion of the stiffness of the non-structural sheathing. This comparison showed an insignificant effect from the non-structural sheathing. It can be said with a high degree of confidence that added stiffness introduced by non-structural elements will have an insignificant effect on the analytical results and further it will not change the collapse mechanisms for this structure or affect the way the structure will fail.