

Fire Exposure Analysis

Please note if you have a structure that meets the definition of a "Large Wood Frame Structure" you will need to submit a Fire Exposure Analysis via bfd241@boston.gov. The FEA and NFPA 241 Fire Safety Plan should be uploaded as two separate attachments and please place the address in the subject line.

What is a Large Wood Frame Structure?

A large wood structure shall be considered all wood structures that meet one of the following:

- (1) Up to, and including, three stories and greater than 13,935 m² (150,000 ft²) aggregate total floor area.
- (2) Over three stories, or over 12.2 m (40 ft) above the lowest level of fire department vehicular access, and greater than 4645.2 m² (50,000 ft²) aggregate total floor area.

What is a Fire Exposure Analysis?

Before construction begins, a study shall be conducted to ensure that the installation of passive and active fire protection features, combined with the separation provided between other structures on the same or adjacent lots, or adjacent buildings under construction simultaneously, are adequate to allow safe egress and prevent fire spread to the exposed structures.

The analysis shall be included with the construction documents submitted with the building permit and acceptable to the AHJ.

Construction shall comply with the requirements established by the fire exposure analysis.