



**CITY OF PORTLAND**  
**Permitting and Inspections Department**

May 2, 2019

Timothy Braun, RA  
Maine Medical Center/Facilities Management  
22 Bramhall Street  
Portland, Maine 04102

Dear Tim,

This letter is a follow up to the request from Maine Medical Center to use an alternative method of compliance per IBC 2015 Sec. 104.11. The alternative compliance is relative to the firestopping protection of through floor penetrations not located in wall cavities for the project known as the East Tower Expansion, permit BLDC2018-00003.

The basis for granting this alternative compliance is the review of the attached memo prepared by Code Red Consultants, who will also serve as the project Firestopping Special Inspector per IBC Sec. 1705.17. Christopher Lynch, PE of Code Red Consultants submitted their credentials for review per the standard criteria in ASTM E2174, and is accepted as an approved agency. The alternative is distinct to the firestop T Rating requirements of through floor penetrations located outside of wall cavities, and is not applicable to firestop systems for penetrating items that are found to meet the T Rating. The supporting data from Code Red includes sufficient evidence that the proposed method will satisfactorily provide an equivalent and effective solution that complies with the intent of the code.

Both Jason Grant and myself have determined that this alternative method is approved to be installed per both IBC and NFPA code allowances, and the criteria detailed in the proposal. In addition, Ron Peaslee of The Office of the State Fire Marshal, provided this statement in an email to you dated April 5, 2019: *In regards to the fire stopping requirements of NFPA 101 Life Safety Code 2012 edition chapter 8 section 8.3.5. As long as the hospital follows the code requirements set forth within the applicable chapter and section of the LSC 2012 edition the Fire Marshal's office will not require additional safeguards and we accept Code Reds Alternative Compliance letter dated 1-31-2019.* Ron's statement was predicated by your confirmation that *we, (the hospital) is planning to require an 18-24" clearance area at the through floor penetrations, and any areas that don't meet the NFPA Code Requirements we will discuss with the SFM and City to determine an acceptable solution.* Also attached are copies of the Code Red memo's that were submitted to the SFMO for review.

Similar requests for future projects are required to be submitted individually with the permit application to document the granting of this approval by the City of Portland Building Official. Thank you for consulting with the Permitting and Inspection Department on this matter.

Sincerely,

Jeanie Bourke  
Code Enforcement Officer/LPI  
Plan Reviewer Team Leader