

Technical Memo

To: Portland Fire Department
Attn: Lt. Ben Wallace Jr. or current AHJ

From: Colby Co. Engineering

Date: 8/8/2013

Re: One City Center – City Deli Kitchen Exhaust Hood Existing system

City Deli restaurant is moving to an adjacent tenant space and adding one four foot kitchen exhaust hood at One City Center in Portland, ME. An existing seven foot hood will also be relocated to the new space and connected back into the same kitchen exhaust system (EF-22). Mechanical installation drawings are provided with this letter for a construction permit. The purpose of this memo is to describe the existing system and the deviations that were found from the current NFPA 96 – 2008 code for Ventilation Control and Fire Protection of Commercial Cooking Operations. These deviations are listed below and shall be updated concurrently with the installation of the new work.

Item 1: Clearance to combustibles: Some new gypsum board partitions have been added around the existing ductwork since its original installation. These partitions are considered limited-combustible and shall be modified to meet the minimum of 3 inches per section 4.2.1 of NFPA-96-2008. Similarly the grease duct shall be wrapped with an approved fire barrier to allow for a zero clearance reduction per NFPA-96 section 4.2.3 in tight areas as shown below where minimum clearances cannot be made.

