



September 17, 2013

Mr. William Mears  
Town of Dewey Beach  
105 Rodney Ave.  
Dewey Beach, DE 19971

**RE: Hyatt Ruddertowne Memorandum Response**

Dear William,

This letter is being provided in response to open items 1, 2, and 3 of the memorandum issued by David Naples dated September 12, 2013.

Section 2.B. of the DAPE (Delaware Association of Professional Engineers) Code of Ethics states that *"The engineer may accept an assignment requiring education or experience outside his areas of competence, provided that such areas will be performed by a Professional Engineer or otherwise qualified associates, consultants, or employees. He may then sign and seal the documents for the total project. The engineer shall not affix his seal to any such document not prepared under his supervisory control and review."*

The following FXB employees designed the mechanical systems for this project:

- John H. Miller, P.E. (PA License Number PE057382, Mechanical)
- Dwight E. Traub, P.E. (VT License Number 018.0006840, Mechanical)
- Brian T. Umile, E.I.T. (PA License Number ET012583, Mechanical)

As such, the requirements of Section 2.B. of the DAPE Code of Ethics are satisfied under the Delaware seal of Peter J. Bonnes, P.E. for this project.

This project was designed in accordance with the requirements of the 2003 International Mechanical Code and the applicable provisions of ASHRAE 90.1. FXB has currently scheduled a site inspection for September 18, 2013 to verify that all HVAC systems for the project have been installed in accordance with all applicable IMC/ASHRAE 90.1 requirements.

A question has been raised regarding the provision of makeup air for the Type 2 hood installed in the hotel kitchen. As designed, makeup air is provided to the hood via a continuously operating 100% outside air unit (AHU-3) that supplies conditioned outside air directly to the kitchen and surrounding commons areas. In addition to the outside air supplied directly to the kitchen, transfer grilles have also been provided at the kitchen to allow additional makeup air to enter the kitchen from the common areas to fully satisfy the hood's total exhaust requirements at all times. This makeup air configuration keeps the kitchen negatively pressured in comparison to the surrounding common areas and will serve to keep odors contained within the kitchen.

FXB has received the response letter from Bruce D. Weinstein, AIA of Architectural Concepts dated September 13, 2013 regarding the atrium smoke control system requirements. FXB is in agreement with Architectural Concepts that smoke control is not required by code for this project.

Please contact our office with any additional questions or concerns.

Respectfully submitted,



Peter J. Bonnes, P.E.  
President

