

January 22, 2015

David Jones
Architect
Office of State Fire Marshal
8181 Independence Blvd.
Baton Rouge, LA 70806

RE: TEXTRON New Office Addition PO459448
DE Project No. 2203

Dear Mr. Jones,

Pursuant to your hold letter dated December 4, 2014 we are providing the following responses:

Items 1 A & B:

We will utilize option B by separating the new office addition from the existing F-1 area with a fire wall in compliance with Section 706 by upgrading the existing 6" thick tilt-up exterior concrete wall to an 1-hour equivalent fire rating by replacing the existing caulking material with fire-stop and fire-caulk and the addition of a 1-hour fire barrier (UL # V497) on the new office addition. There will be no connections or penetrations between the two rated walls per NFPA 221.

The two fire barriers will terminate at the interior surface of noncombustible exterior sheathing per IBC 2012 Section 706.5, Exception 3 as both buildings will be protected by an automatic sprinkler system installed in accordance with Section 903.1.1 or 903.1.2.

Item 1 C:

See sheet G2 under the Wind Speed Design Requirements. All design loads are addressed.

Item 1 D:

- 1. See sheet G2 under the Wind Speed Design Requirements. Basic Wind Speed (3 Second Gust) = 141 MPH (Fig 1609) is the Vult wind speed for this project. A revision of this page will replace the word Basic with the word Vult.*

DAMMON

ENGINEERING, INC.

Architects & Engineers

554 Old Spanish Trail
Slidell, LA 70458
P 985.649.5832
F 985.641.5950
www.dammonengineering.com
info@dammonengineering.com

2. IBC 2012 Section 1609.1.1 states: “The wind speeds in Figures 1609A, 1609B and 1609C are ultimate design wind speeds, V_{ult} , and shall be converted in accordance with Section 1609.3.1 to nominal design wind speeds, V_{asd} when the provisions of the standards referenced in Exceptions 1 through 5 are used.” This project is not utilizing any of the Exceptions 1 through 5, therefore V_{asd} is not required.

Please let me know if this answers all your questions.

Sincerely,



Kevin J. Kinchen, NCARB
Chief Architect
Dammon Engineering, Inc.

Enclosures: SFM Hold Letter, December 4, 2014
CC: file