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September 10, 2019

MEMORANDUM

FL CERTIFICATE OF AUTHORIZATION: 6106

To: Judith A. Rees, C.P.M, A.P.P.
Embry-Riddle Aeronautical University

From: Gary A. Wilkerson, P.E.
Salas O'Brien

Reference: Embry-Riddle Aeronautical University Print Shop
SOBE #19005

Subject: Addendum 3 Narrative

This Addendum is in response to late questions from a bidding contractor and is being provided as a curtesy. No change to the bid date.

Question:

Several of the answers sent out in an addendum for the job provided incomplete answers. One in particular regarding wind pressures directs us to S-100 and references the FBC 2017. The FBC requires the component and cladding pressures be placed in the plans. Just stating the building category and speed and exposure does not satisfy the requirements of the FBC. How these plans were able to get through the County Building Department wo this info is surprising but who knows. The bottom line is the answer provided is not complete. I need you to reply to the RFI stating the Building Code requires the actual pressures be shown per 1603.1.4. If I need to send the designer a copy of what we see on every other set of plans we receive I will do that later. Here is the info required to be shown on the plans per the FBC.

1603.1General.

Construction documents shall show the size, section and relative locations of structural members with floor levels, column centers and offsets dimensioned. The design loads and other information pertinent to the structural design required by Sections 1603.1.1 through 1603.1.8 shall be indicated on the *construction documents.*

1603.1.4 Wind design data.

The following information related to wind loads shall be shown, regardless of whether wind loads govern the design of the lateral force-resisting system of the structure:

1. Ultimate design wind speed, V_{ult}, (3-second gust), miles per hour (km/hr) and nominal design wind speed, V_{asd}, as determined in accordance with Section 1609.3.1.
2. *Risk category.*
3. Wind exposure. Applicable wind direction if more than one wind exposure is utilized.
4. Applicable internal pressure coefficient.
5. Design wind pressures to be used for exterior component and cladding materials not specifically designed by the *registered design professional* responsible for the design of the structure, psf (kN/m^2).

Response:

Verification of Componenta & Cladding pressures shall be reconfirmed after metal building design is provided. Preliminary schedule is attached.

Question:
Another reply regarding the orientation of the exterior panels is stated in writing however no revision was sent showing such in the plans. Please ask the designer to revise and send out a new sheet A2.101 with the new panel orientation.

Response:
Drawing A2.101 attached shows the requested modified direction of metal panels.

END OF DOCUMENT