

## **2018 Wall of Wind Mitigation Challenge**

### **Frequently Asked Questions (FAQs):**

**Updated 04-25-18**

**Who should we e-mail additional questions or comments to?**

E-mail all questions and comments to Erik Salna at [esalna@fiu.edu](mailto:esalna@fiu.edu).

### **Specific Questions About Building Model:**

**Do we need to pay for any of the materials for the physical part of the *Challenge*?**

Each student team will be provided with \$50 for buying materials and supplies. Students are permitted to spend more than the provided \$50, but these additional costs shall be the responsibility of the student team.

**How do we get the gold painted base (8x8x2 inches) for our building model?**

Arrangements will be made to deliver the gold painted base to your school; or, your team can pick them up at the FIU Wall of Wind Operations & Control Center Building, whichever works best.

**Is the gold painted wooden base the solid square for the minimum two inches as outlined (Rule #2.4 and 2.5)?** Yes

**Can we paint the building model?**

Yes

**When it is mentioned that the building model has to be “solid”, does it mean that there should only be designing/modeling the outside of the model? Or, can it have features attached to it, or carved on/in it?**

The outside of the model can be any shape but must be no narrower than 8 inches at its narrowest point.

**Any limitations on weight?**

The weight of the building model must not be greater than 40 lbs. The center of gravity must be directly above the center of the 8 inch square gold base (within 0.05 inches) and must be within 1 inch of the mid-height of the model building.

**What type of material can be used with the building model?**

Any type of non-hazardous material shall be allowed and considered acceptable for designing the mitigation solution, given that the solution complies with the construction guidelines described in sections 2.1-2.9. Some common examples of acceptable materials include (but are not limited to) wood, foam, plastic, metal, white glue, super glue, and epoxy.

**Does the requirement for a “solid” model imply that all modifications need to be applied on or to the outside “walls” of the building?**

**In other words, can we carve features that extend internally beyond or behind the outer walls of the model, while still complying with all other requirements?”**

You cannot carve features that extend internally beyond or behind the outside walls.

The outside walls form a solid block that when viewed from any direction is no less than 8 inches wide.

## **General Questions About Wall of Wind Challenge:**

### **How many teams can a school have?**

Each school is allowed one team; you can have as many students work on the *Challenge* as you wish, however, on the day of competition, only 4 students maximum can compete as a Team representing your school; a team can have less than 4 students compete, if they wish; all other teammates, teachers and family members will be welcomed to watch the live competition on May 23<sup>rd</sup>, 2018, at the FIU Engineering & Computing Center.

### **How do we sign up?**

You need to fill out a required entry form and e-mail it back to [esalna@fiu.edu](mailto:esalna@fiu.edu); an entry form is available on the documents section of the *Challenge* web page.

### **Was it required to attend the workshop on February 23rd?**

No; the workshop was recorded and it is available to view or download from the video section on the *Challenge* web page; the PowerPoint used for the workshop is also available on the PowerPoint section.

### **Where do special guests park:**

In reserved parking spots for the event. Reserved parking will be provided for all special guests who want to attend the Wall of Wind Challenge, for example high school Principal, parents, etc.; Most teams and their guests will take the provided bus transportation; however, every team is welcome to have other special guests attend the Wall of Wind Challenge; please let them know about the reserved parking that will be available.

### **What time will the competition end?**

The event will end with the awards ceremony at 1:15 pm on the day of the Challenge.