17 May 2009

IU Incubator Building
Indoor Environmental Quality Credit 1: Outdoor Air Delivery Monitoring

Design Application Review: The LEED Submittal Template has been provided stating that carbon dioxide concentrations are monitored within all densely occupied spaces and that direct airflow measurement devices have been provided for each mechanical ventilation system serving non-densely occupied spaces. The Template further states that monitoring equipment has been configured to generate an alarm when conditions vary by 10% or more from the setpoint. A narrative describing the project's ventilation design and CO2 monitoring system has been included. However, drawings provided are schematic and do not show the locations of the CO2 sensors and direct airflow measurement devices in the building.

Technical Advice:
Please provide project drawings documenting the locations and types of installed sensors.

Response:

Additional drawings are now included. Sheets H310L and H320L are now included with the submission. The following text was added to the submission template: "Refer to H310L.pdf and H320L.pdf for a plan of these areas, each of the wall-mounted seven carbon dioxide space sensors are highlighted. Attachments H310L.pdf and H320L.pdf are identical to project construction drawings H310.pdf and H320.pdf which were originally uploaded for Credit EQc6.2 "Controllability of Systems: Thermal Comfort" except that extraneous information was removed to facilitate review."

We hope the attached narrative address the USGBC reviewer's request for additional information.

Sincerely,

Jeremy Welu
LEED Administrator
BSA LifeStructures