



IOWA INSULATION INC.

ISU STUDENT INNOVATION CENTER AMES, IA

Commercial: Specialty | (\$250,000 - \$1 Million)



Size of Project:
140,000 sq ft



Length of Project:
16 months

PROJECT DETAILS

The building consists of six large mechanical rooms. The mechanical pipe systems included: high pressure steam from the existing university tunnel tied into the new building (a staggered joint installation method was required, which equaled five-inch-thick fiberglass insulation); An installation method of two layers of 1" elastomeric insulation for the chilled water system; chilled and steam equipment; color-coded PVC jacket per system selected by ISU for piping in mechanical rooms. The duct systems included outside air, supply air, gaffer's guild exhaust, kitchen hood exhaust and exhaust/relief air. Additionally, 75% of the duct systems from basement level to level 4 are all exposed to view.

OVERALL NARRATIVE

The Iowa State Student Innovation Center in Ames, Iowa is an \$84 million construction project with spectacular floor to ceiling glass panel windows that will account for most of the 140,000-square-foot building's exterior walls. Iowa Insulation Inc. was contracted to install the mechanical insulation systems. Iowa State University designed the project to be LEED Gold. There are five categories for this LEED evaluation: sustainable sites, water efficiency, energy and atmosphere, materials and resources and indoor environmental quality.