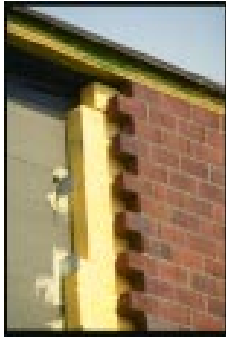

CCL Investigated Deficiencies

Agronomy Building - LSU

Baton Rouge, Louisiana

The Agronomy Building is located on the LSU campus in Baton Rouge, Louisiana. CCL was retained to conduct an investigation of deficiencies including leaking at the atrium sky light, exterior walls, and roof; and growth chambers for plant research that have not operated properly since the facility opened in August, 1985. The \$7.5 million, three-story, 80,000 square foot building houses the Department of Agronomy including faculty staff offices, classroom facilities, laboratories, and research facilities.



CCL's investigation included an evaluation of the problem areas, determination if the areas experiencing leakage problems were built in accordance with the plans and specifications and evaluation of the adequacy of the plans and specifications. CCL prepared a Report of Findings identifying the apparent cause and source of the water leakage and the growth chambers problem, and the party or parties responsible. CCL also identified additional investigations necessary and remedial work required to correct the deficiencies.

CCL found the contractor did not construct parts of the building as shown on the plans and specifications. This included the head connection where the atrium sky light connects to the building wall, portions of the perimeter wall flashing and roof edge joints. These deficiencies were the apparent cause of leaking in those areas. CCL found leaking at the Chase Penthouse roof area that was due to design defects and the absence of through-wall flashing to prevent water infiltration. Design and construction documentation, manufacturer specifications, and other information was identified which would be necessary to determine the reasons for the growth chambers inability to control temperature and humidity.

CCL is assisting the Attorney General's office to determine the amount of the contractor and architect's liability, and to oversee the required corrective work.



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