



Architect: Wilson Darnell Mann | Wesley A. Darnell (316) 262-4700
General Contractor: Key Construction | Patrick Ayars (316) 263-9515

PROJECT SUMMARY **Eaton Hotel, Wichita, KS**

Project Description: This six story historic hotel in downtown Wichita had experienced years of neglect and significant water and termite damage. In the basement, the mid-span wood girder loads for the six story building were supported by wood timber columns. Over the years, deterioration by water and termites allowed the six floors to settle approximately 8-1/2 inches.





PROJECT SUMMARY — EATON HOTEL, WICHITA, KS (CONTINUED)

Design Details: Power Lift worked with the general contractor and their engineers to design a new steel support system to carry each floor load with new wide flange girders and new steel columns. In the basement a new footing system was designed and installed to support the columns. New telescoping basement columns were installed to allow lifting of the floor system. All six floors were raised simultaneously 6-1/2 inches and the new columns were secured in place, as the permanent support.

