This project has become truly special to IPD Engineering and its staff. The historic Hotel had gone through many bankruptcies and poorly done renovations over the years, but Ed Riley had a vision for bringing it back to its original grandeur, from 1924.

IPD was hired to work with a national hotel architectural firm, MGL Architects out of NYC, to renovate this monster hotel from top to bottom. We designed all new state-of-the-art HVAC, electrical, plumbing and fire protection systems throughout the building. Some of the spaces we designed these systems for included several ball rooms, 350 hotel rooms, an IACC meeting center with IT and A/V systems designed to stringent Marriott meeting space standards, lobby, multiple kitchens, several shops, back of house areas, mechanical/electrical infrastructure spaces and more. In total, the work we were responsible for designing had a construction value of over $20M and was within the budget set for our trades.

Several ‘green’ features were designed to be incorporated at a future date (funds weren’t available in phase 1), including solar thermal for preheating domestic water, solar voltaic for generating electricity from the sun, a geothermal heat pump system, tapping into the Brine Aquifer flowing beneath South Salina Street and a microturbine-based cogeneration plant that burns natural gas to generate on-site electricity and heat the building.