



Harrah's Horseshoe Casino

Hammond, Indiana



The Hill Group was selected as the HVAC contractor for this new 420,000 square foot casino built on six floating barges. The five levels include 174,000 square feet of gaming areas, a 3,000 seat theater, dining spaces, kitchens and various support areas.

The project includes 32 VAV air handling units of which 14 incorporate heat recovery wheels. Five 750 ton centrifugal water chillers located in the barge hull utilize lake water as the condensing medium. There are 13 - 3,000,000 Btuh input gas fired high efficiency condensing hot water boilers with sealed combustion chambers installed in the upper level penthouse. The circulating fluids are a 30% solution of ethylene glycol. A DDC temperature control system is used.