



## The College of William and Mary Randolph Hall

Williamsburg, Virginia

McKinney and Company provided mechanical and electrical engineering design services to the College of William and Mary for renovations to the Randolph Hall complex. The Randolph complex consists of two dormitories: Page and Harrison. Following a complete study of existing HVAC and electrical systems and analysis of alternatives for replacement of existing chilled water system, the existing two pipe FCU system was replaced with an outside air ventilation unit with energy recovery, dual-temperature water from complex loop (below right). This provided a full ventilation upgrade and infiltration/pressurization control for the buildings.



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