

INTRODUCTION

This report, as submitted by Braun & Steidl Architects, Inc., in conjunction with Karpinski Engineering, Kabil Associates, Sands Decker CPS, and CTL Engineering, is a compilation of observations and investigations of the existing conditions of Park Hall, Smith Hall, Stradley Hall, and the Utilities serving the South Campus Residence Halls. The buildings were visited and observations noted on several occasions by the above parties during the months of December 2008, January 2009, and July 2009. The buildings were occupied during the December and January visits, with students largely gone for Winter Break in December. Subsequently, in those months, access to student rooms was restricted except for Room 616 in Smith Hall which was vacant and Room 818 in Park Hall whose tenant was in the building office and offered access. Other than these two locations, observations were limited at that time to public spaces and building service spaces.

Park Hall was visited again in July, 2009, along with Stradley Hall. During these visits, the buildings were un-occupied except for staff apartments. Observations were made in nearly all rooms of each building except for the occupied staff apartments at that time. Stradley has been included due to the progression of the project and the possible incorporation of a building addition to connect Park Hall and Stradley Hall. This connector will be further discussed in Section 2, "Connector Building" and Section 6, "New Central Chiller Plant" portions of this Assessment.

The purpose of this report is to document the current conditions of Park Hall, Smith Hall, Stradley Hall, the Utilities feeding the South Campus Residence Halls as they relate to providing Air-conditioning to the South Campus High Rise Residence Halls, and to evaluate the options available to incorporate the necessary equipment required to add Air-conditioning to these buildings and to reconfigure the existing gang bathrooms into private bathrooms on each residence floor.

With the Utility and Chiller information on hand, possible options for Chiller locations have been developed and evaluated so as to present a clear understanding of the possible options available to the University.

Recommendations given in the conclusion section are not intended to be the only solution to the identified issues or existing conditions. Until such time as detailed investigations are completed as part of any work related to renovation areas of the building, detailed opinions of probable costs cannot be generated.