

**Mid-Hudson Psychiatric Center
HVAC System Study Building No. 1
New Hampton, New York**

Owner: NYS Office of Mental Health

Total Construction Cost: \$200,000.00

Fundamental analysis of the existing HVAC System Design at Building No. 1: Variable Air Volume Systems at Mid-Hudson Psychiatric Center, including five proposed options for a corrective course of action and recommendations. The study provided technical assistance including project scope and budget for each of the five options. Technical analysis included load calculations, a computerized hour-to-hour temperature modeling system of the building, conceptual design, and a complete survey to evaluate and properly list all the existing building internal loads. The survey also included complete system and unit conditions.

Final task of the study was to provide the NYS Office of Mental Health and the Facilities Development Corporation with a conclusion suitable to meet all of their current and future needs and to recommend the proper and most effective course of action.



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