

Executive Summary

The focus of this report is to provide an in depth look at the mechanical systems for the Amini Medical center and provide a personal critique.

This evaluation will provide a brief overview of the project then discuss aspects that influenced the current design. The current system will then be described in detail with references to maps and diagrams that will act as visual aides. After the Amini Center system has been described, the size, load, and energy impact of the system will be discussed and evaluated.

To conclude the report, a critique of the system has been provided. Overall, the Amini Center's Mechanical system seems to meet all the requirements of the building. It is a versatile system which provides ample control to keep people comfortable in the zones that were created. The system also employs energy saving features to minimize its effect on the environment. Overall, I believe the Amini Center's design to be a very good one.