

# LF ENGINEERING, PLLC

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## **Buffalo State College State University of New York Rockwell Hall – 2nd Floor Rehabilitation**

Rockwell Hall is a historic structure in Buffalo, which opened in 1931, with its signature fifty foot clock tower and cupola. The primary project goal is to convert the existing second floor exhibition hall, directly below the tower, into an open recital hall, while maintaining the original overall building design.

The existing second floor room has columns in the middle of the room supporting the tower above. LF Engineering presented three schematic designs to the project owners for consideration. The design chosen consists of two transfer girders supporting the column to be removed at the second floor ceiling level and transferring the load to two new columns. This design opens up the floor plan to accommodate more seating and unobstructed sight lines within the new recital hall.



Other areas for improvement during this project include updating mechanical equipment in the north and south attic wings. This area is being updated with a new catwalk system and structural support beams for the new mechanical equipment.

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QUALITY. DEPENDABLE. PROFESSIONAL.**