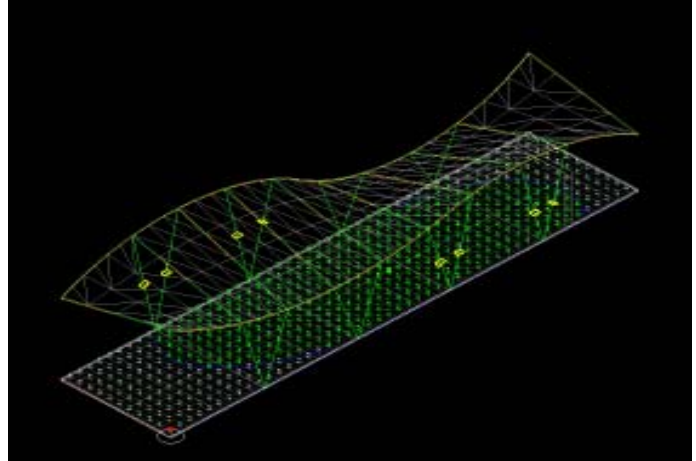




NOVUS
ENGINEERING

Avery Blum Music & Film Complex



Novus Engineering prepared mechanical, electrical, lighting and plumbing design documents for complete rehabilitation of Avery, a 17,000 square foot Dance Department building, for conversion into a new Film Department. The project included the mechanical rehabilitation of Blum, a 7,800 square foot Music Department building, and construction of a new 17,400 square foot structure to provide additional practice rooms and recording studio.

A critical visual element of the project was a new curvilinear canopy that united the Avery and Blum building entrances. Providing energy efficient, uniform and aesthetically pleasing lighting for this canopy was a significant challenge. Novus utilized Lumen Micro lighting analysis program to evaluate lighting design options for the canopy. The final design consisted of multiple, inverted Se'lux *Citylight* metal halide fixtures washing the interior of the canopy. These fixtures have an asymmetric reflector, which provides uniform lighting levels across the canopy surface. Care was taken to keep lighting levels at the minimum needed to provide a safe and comfortable environment, to maximize energy efficiency, and minimize light pollution in the area.

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