RETROFIT

This design and updated lighting solution encompasses the school library’s historical architectural elements, while bringing in advanced fixtures to better support the modern-day student, and juxtapose historical components with modern ones. This design celebrates the school’s history but is also sustainable for the next generation of students.

HISTORIC features

Retrofit honors these historical elements highlighted for its durability and classical craftsmanship throughout the space. The design strives not only by implementing consistent architectural lighting fixtures that illuminate the historical elements such as the barrel vaults and coffered ceilings. As a result, these historical elements become visually more dramatic and contrasted with the modern furnishings and items within them. They are featured in two of the large spaces, the stacks and the writing room.

MODERN solutions

Retrofit also considers the needs of the modern student in this design. The design engineer is daylight and task lighting through the daylight and recessed linear fixtures to support student and academic activities while occupying the library during all hours of the day. This design also implements focused lighting fixtures that light up the vaults, producing a glow when looking at the vault from the outside. The columns are uplit to emphasize their details and the desk is lit with a few task lights that light up the bookshelf, producing a glow when looking at the space from the ceiling. The lighting design is also enhanced by the use of LED strip lights that are hidden in the ceiling cove, housing them within an unobtrusive LED cove lining in the ceiling's edges.

The library concept seeks to create a classic yet sustainable space that can easily adapt to modern technology and design. The spaces are designed to be flexible, allowing the library to evolve and grow with the changing landscape of education. The lighting fixtures are also designed to be energy-efficient and long-lasting, ensuring that the library remains a comfortable and inviting space for students and faculty alike.

In conclusion, Retrofit is a design that honors the historical elements of the library while incorporating modern lighting solutions to create a space that is both timeless and sustainable. It is a design that reflects the needs of the modern student and is adaptable to the ever-changing landscape of education.