The library project envisions a building that utilizes the previous structure on the site. Five brick walls of the historic building will be chosen and guide the design of the new intervention.

**SUSTAINABILITY**

This project deals with the reuse of an existing structure. Adaptive reuse projects are known to be a sustainable approach to architecture. Without demolition, tons of waste and pollution are avoided. The extraction of more resources for future building materials is also reduced. Thereby ecologies are preserved. Furthermore, the transportation of building materials to the construction site is lessened, and thereby avoids further CO2 emissions. Additionally, the library project includes large windows that provide natural daylight. This reduces the electricity (usually coming from coal and gas) consumption for artificial light. The sunlight also provides warmth in the cold winter months, which reduces further emissions.

**RESILIENCE**

By preserving the historic building, this project is resilient to a fast-paced and often ruthless culture of development. By reusing parts of the building, the memories and identity of the place are protected and enhanced.

**WELLNESS**

This library is connected underground to nearby buildings and thereby provides a comfortable circulation path. It also contains many places for students and staff to lounge while browsing for books, and to sit comfortably while studying in the stacks. Views to the outdoors, ample light, and lush vegetation create a reflective and tranquil environment.

**BEAUTY**

By contrasting the historic brick with the contemporary concrete, a rich juxtaposition is established. The unique relationship of exteriority and interiority also contribute to the unique atmosphere of the building.

**HISTORIC WALLS**

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INTERIOR VIEW
The inner spaces of the new library are filled with natural daylight and views to the outdoors. The new concrete walls house the books, while the historic brick walls remain as a unique element in each space.
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EXTERIOR VIEW

The historic entrance remains as a gateway to the new interior. The other four walls similarly act as ruins within a garden, waiting to be investigated by curious students and staff.
These drawings illustrate the transition to the adjacent building, as well as the relationship between old and new (the historic walls are hatched in black). A new sunken courtyard also provides daylight into the lowest levels of the library and adjacent building.

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**SITE PLANS**

These plans illustrate the relationship to the neighboring building, the street, and surrounding vegetation. The five individual buildings read as one library with the help of the five remaining brick walls.

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**RE-USE LIBRARY**

**PROJECT I.**

**LEVEL -1**

**SCALE 1' = 1/16"**

**LEVEL 2**

**SCALE 1' = 1/16"**

**LEVEL 1**

**SCALE 1' = 1/16"**