

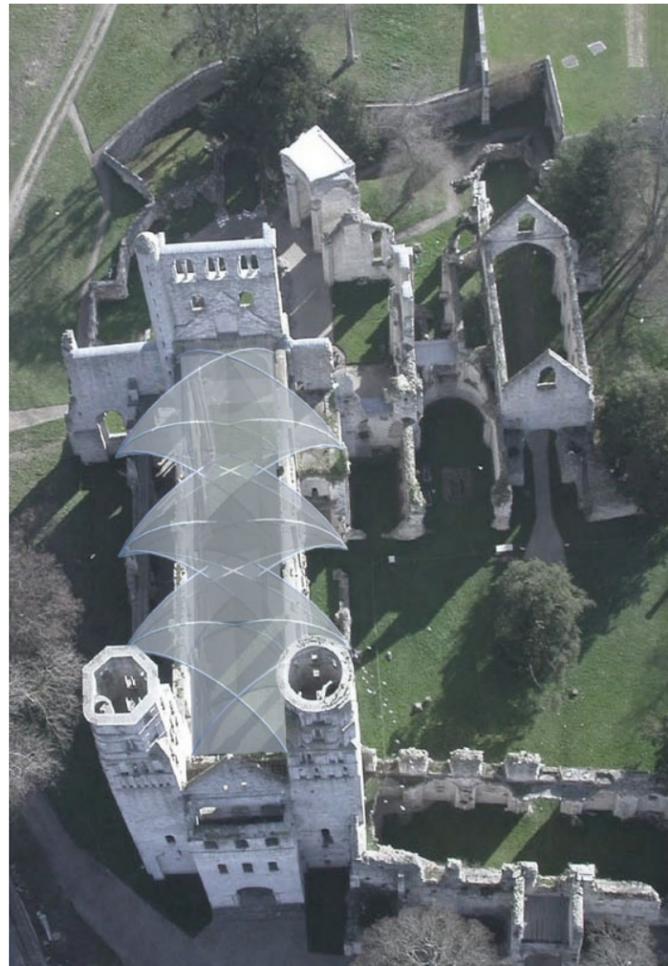
Roof addition for Abbaye de Jumièges
Two-week collaborative project
Fall 2012 / Versailles, France

Abbaye de Jumieges was a design charrette in collaboration with Wenxin Chen, Amy Lundell, and Tess Sekalias. Abbaye de Jumieges in the Normandy region of France, an 11th century abbey turned rock quarry during the French revolution, is the possible location of a newly proposed annual arts festival by the local municipality. Proposals for adding a roof structure to the church, without placing a large additional weight on the already distressed structure, enables the town to reuse the interior nave. This space could be reprogrammed as a temporary venue, usable in various weather conditions.

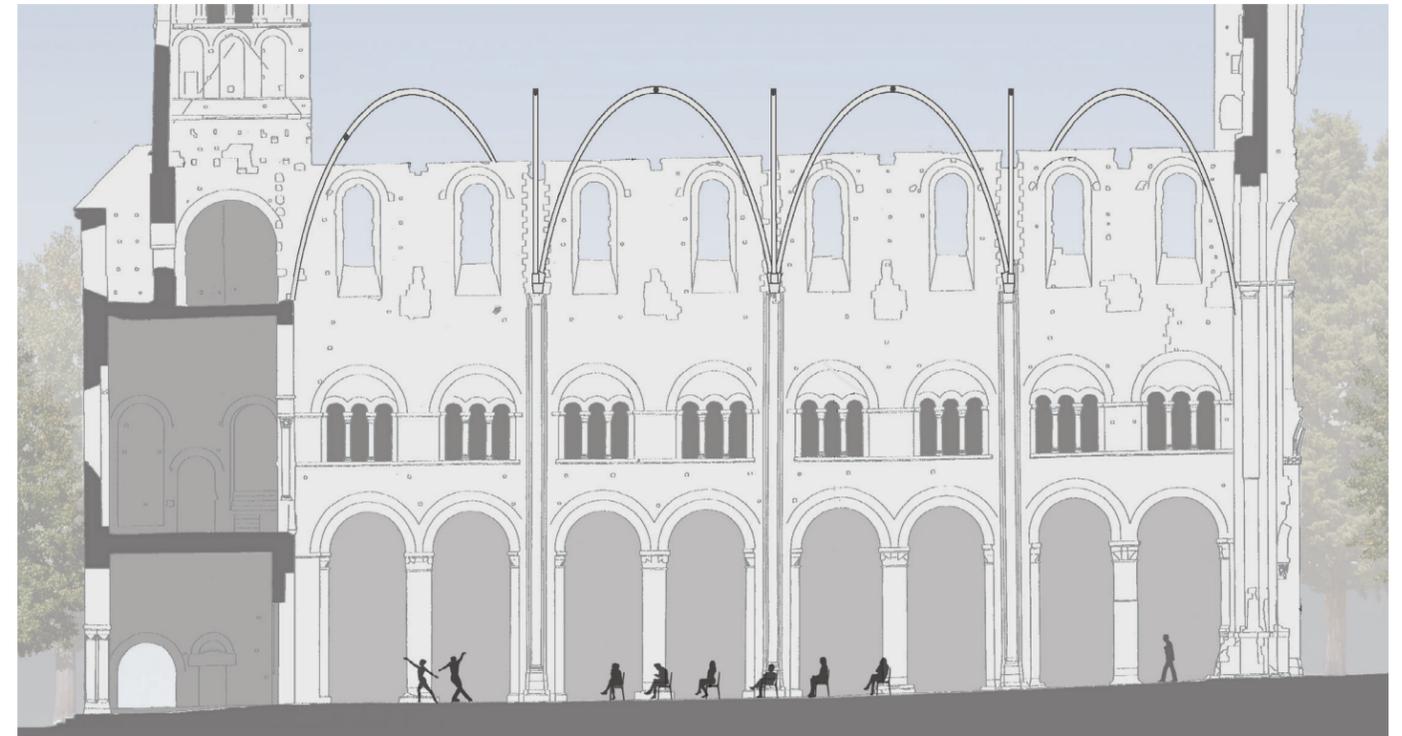
The historical context of the church was as relevant in the discussion as the need for a protective structure to replace the missing roof. The design echoes the original vaulting system used in Romanesque churches to create a floating transparent structure reminiscent of a typical Gothic roof arrangement, aided by modern materials and technological innovation to create a minimal protective covering over the nave.

The six main support columns form the structural support for the thin, transparent roofing material. While the western three columns are minimally placed on the remaining aisle wall, the eastern columns are extended downwards, recreating the visual form of the missing aisle. This allows the original abbey itself to breathe and continue to be the dominant visual element on the site.

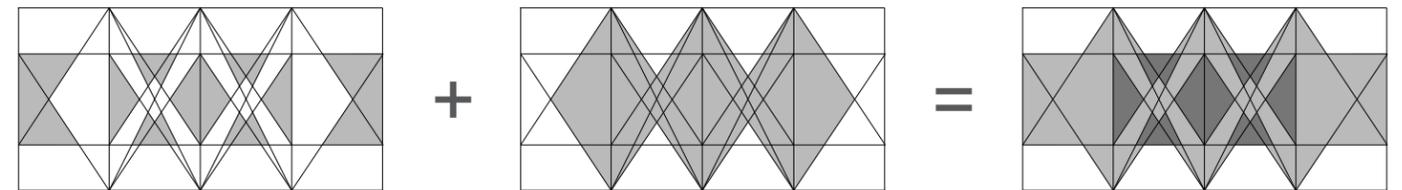
This modern addition to a rich historical context through a non-invasive structure would generate a contemporary usage for a delicate, preserved piece of our past.



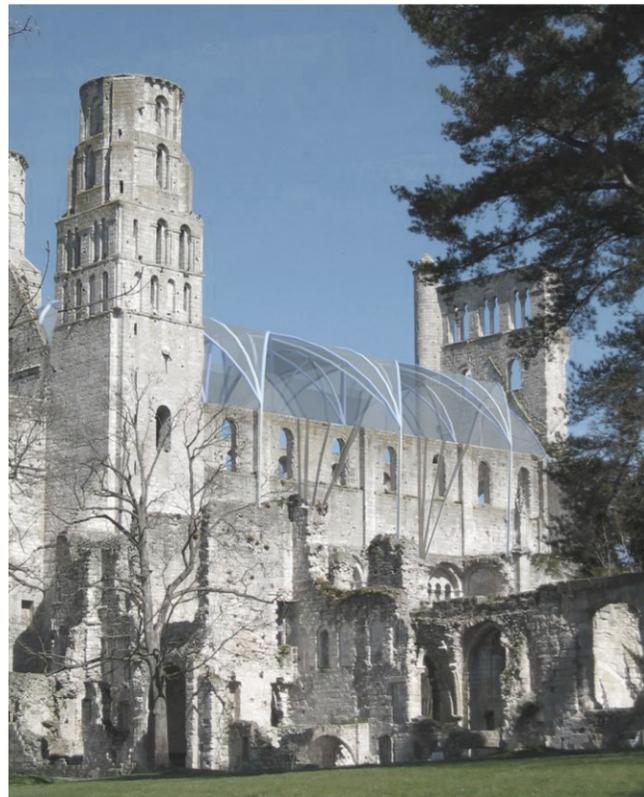
Abbaye Roof Aerial Render



Abbaye Section A-1



Abbaye Roof Design Diagram



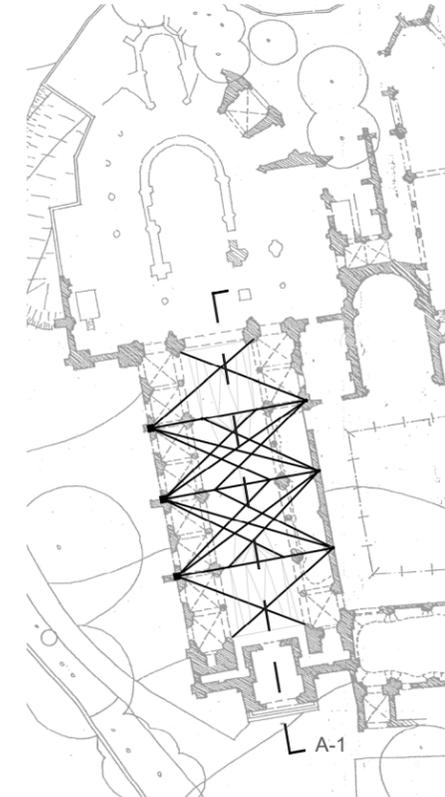
Abbaye Roof Exterior Render



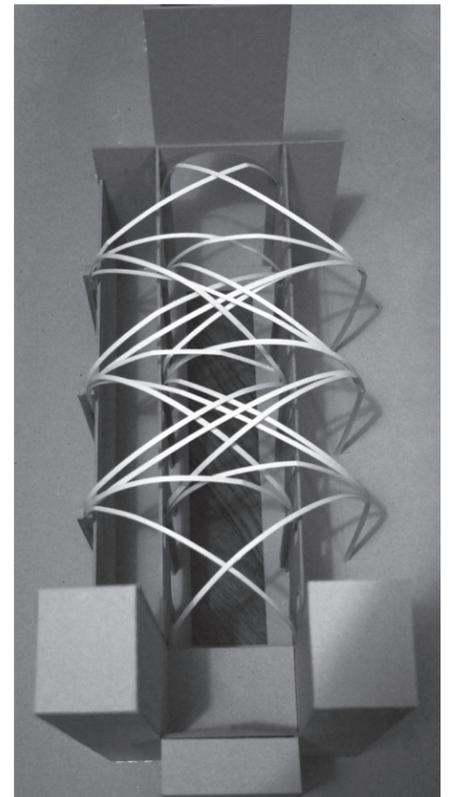
Abbaye Model Photograph



Abbaye Roof Structure Render



Abbaye Roof Structure Plan



Abbaye Model Photograph

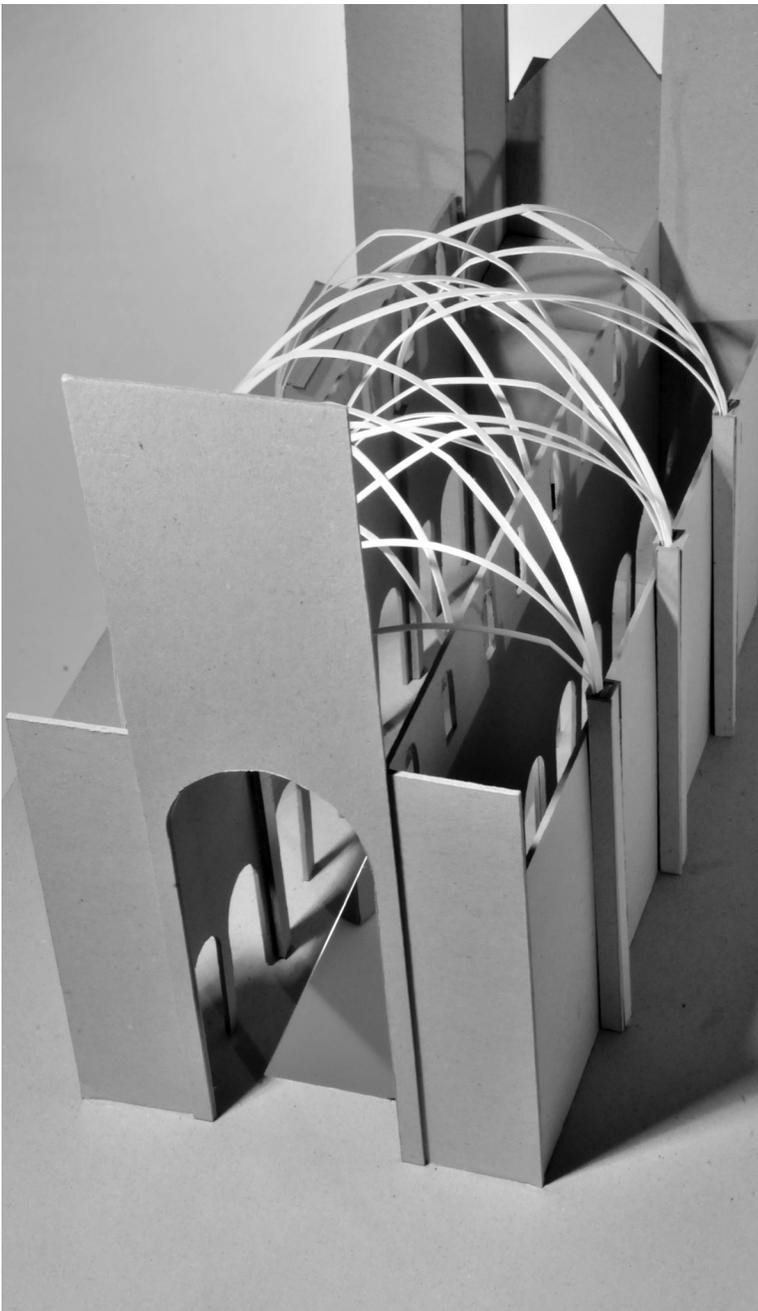
Review and critique of Roof addition for Abbaye de Jumièges

This project was the first collaborative endeavor I participated in during my academic studies. It was a short charrette after recently relocating to a new country for a study-abroad experience. While the scheduling of the project was intense, the experience was very rewarding. We were able to visit the abbey ruins and have our first opportunity to analyze the context of an existing site.

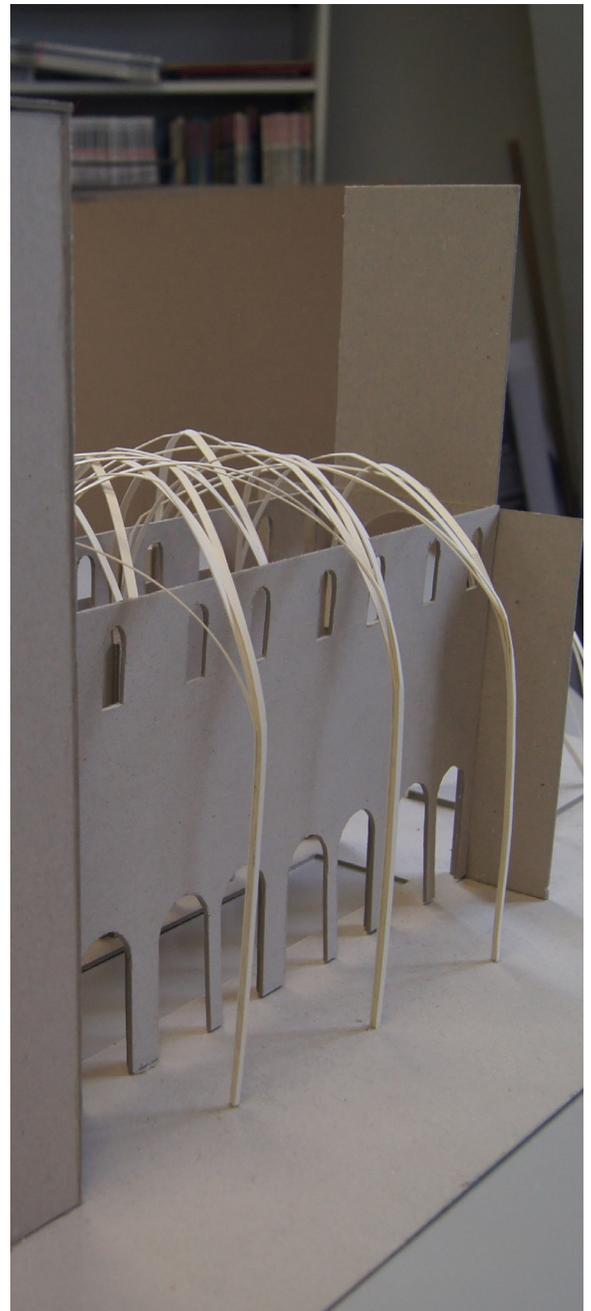
Our design focused on creating a contemporary covering for a sacred site within a local community. The design's lack of detailed feasibility and representation was balanced by its respectful and elegant approach to historical context. Later studies would develop contextual considerations to a greater degree of detail.



Abbaye Model Photograph



Abbaye Model Photograph



Abbaye Model Photograph