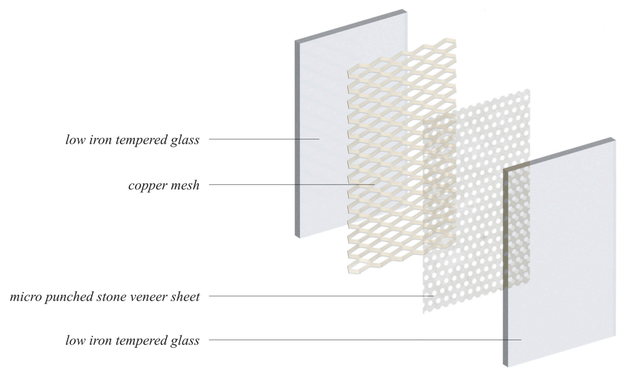


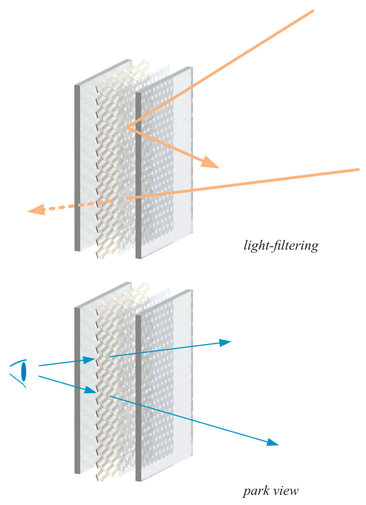
Low Energy - Window System

The Library is entirely wrapped in a composite energy efficient "glass-metal-stone veneer" skin. Laminated between two glass surfaces, a layer of expanded copper mesh reduces glare and solar gain by 80%, thus greatly reducing long-term energy costs.

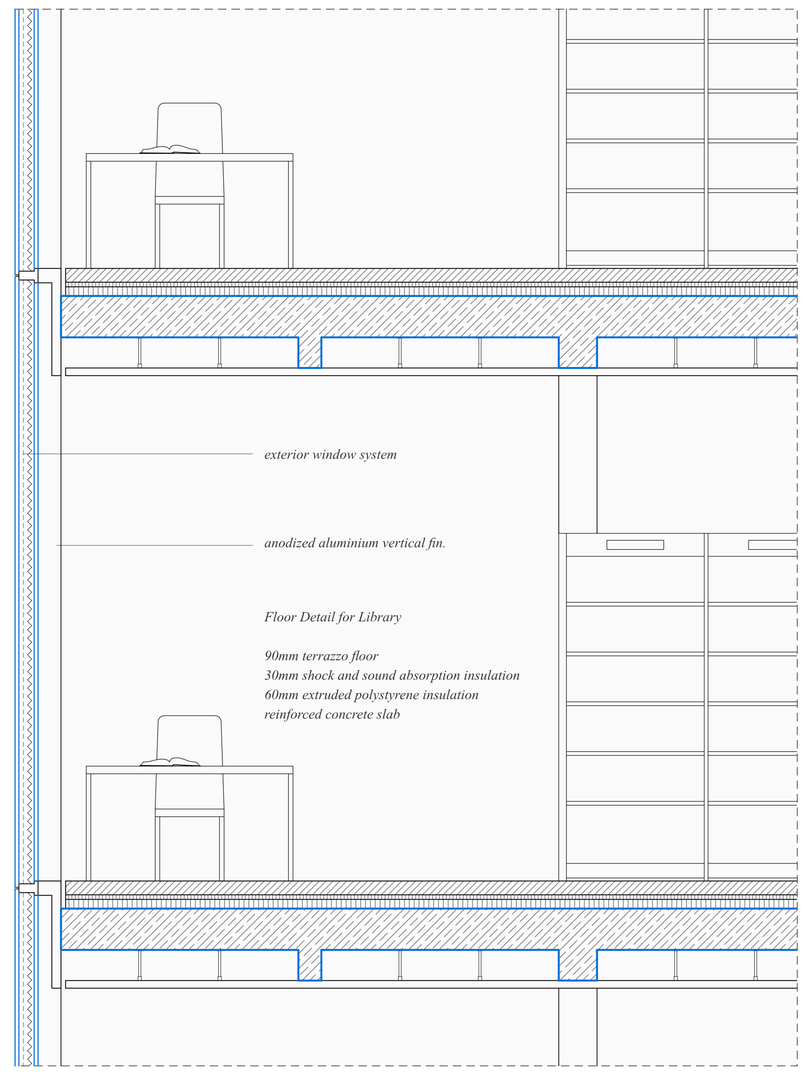
Moreover, the copper and punched trancelucent stone veneer sheet give the skin a changing appearance depending on the time of the day. The panels glow gently in the sunlight, whereas at night, when the library is illuminated, they appear like a slightly transparent veil.

From the interior, this metal mesh is almost invisible and punched stone veneer sheet doesn't block the view of people, thus ensuring that the contact with the park is maintained at all times and taking advantage of the natural light in the reading rooms.

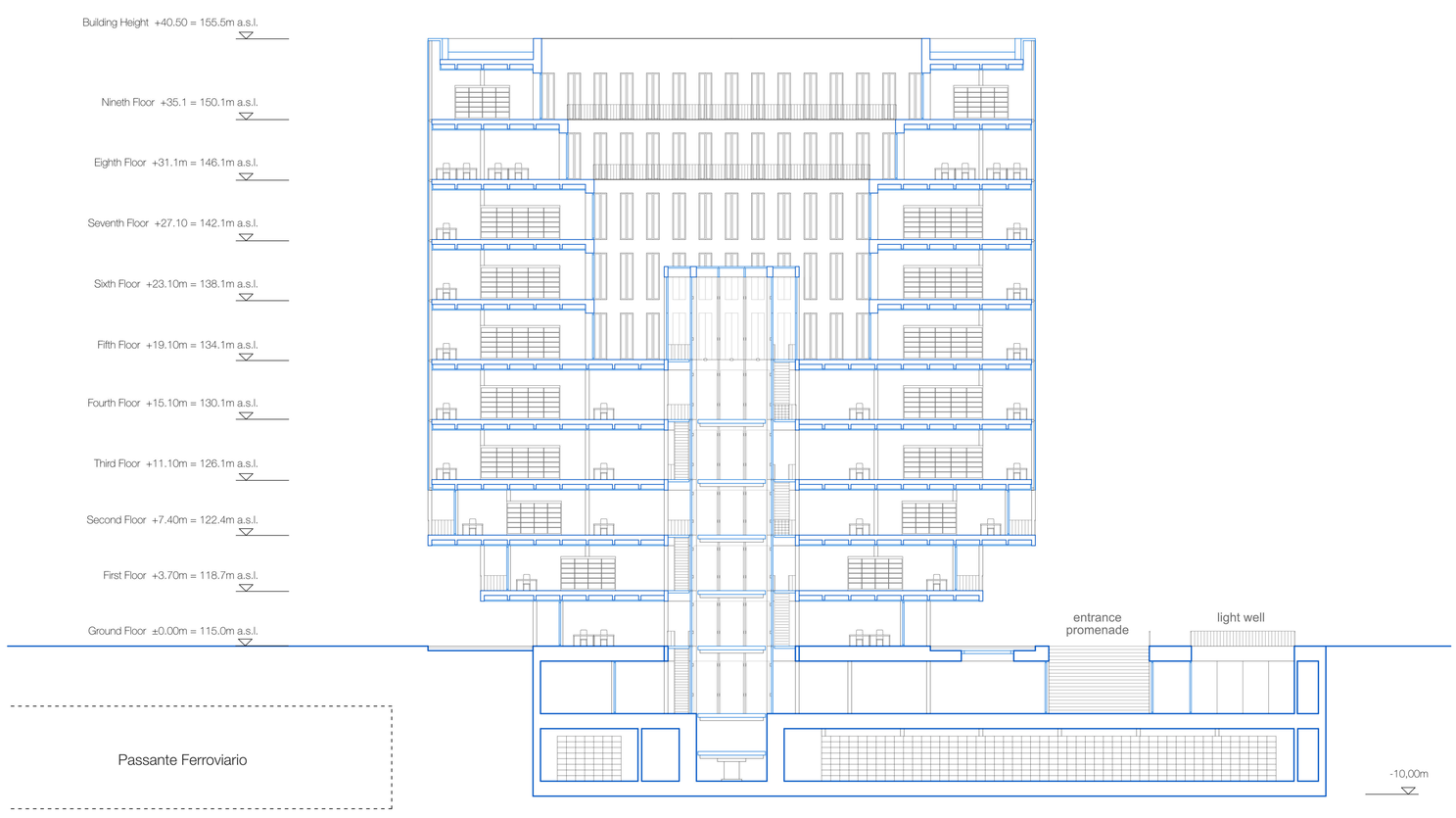
In addition, for the 'micro punched translucent stone veneer sheet', "Candoglia Quarry" will be used to present the locality of Milan.



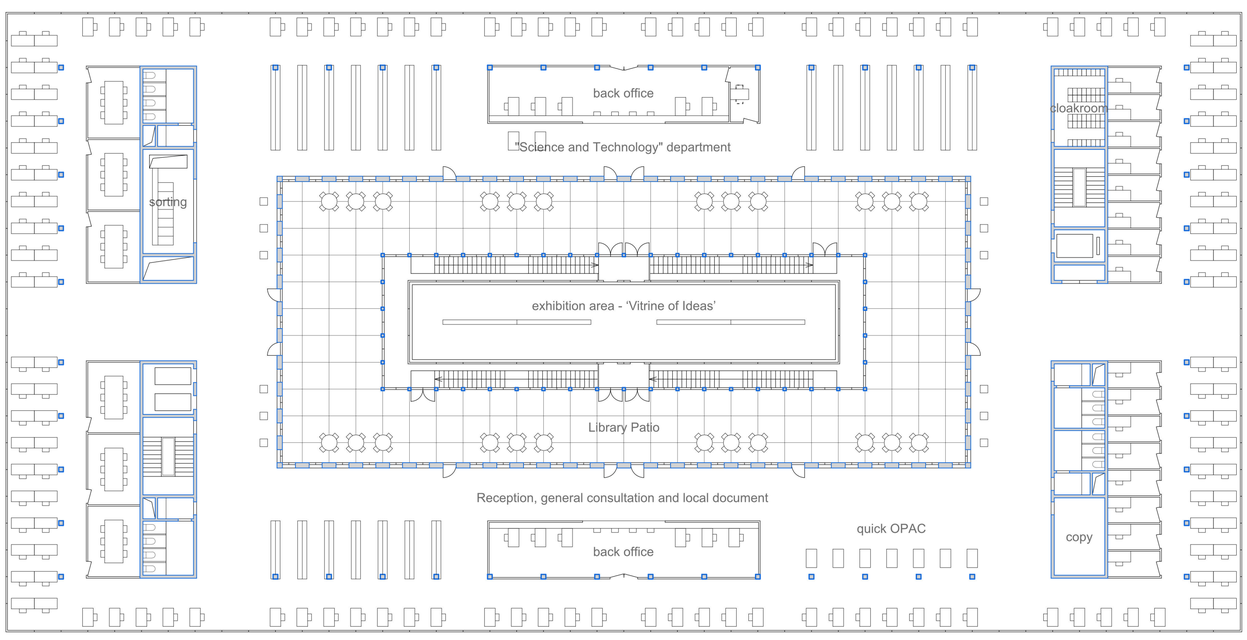
Facade Material



Facade Detail 1:20



Cross Section 1:200



Fifth Floor - Department & Library Patio 1:200