

15-25

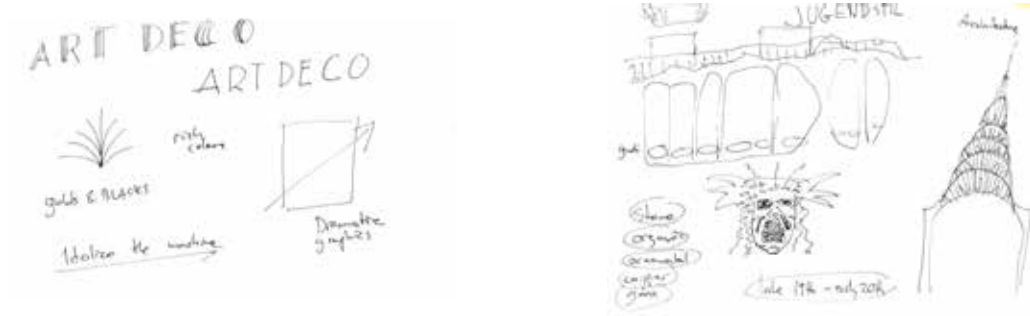
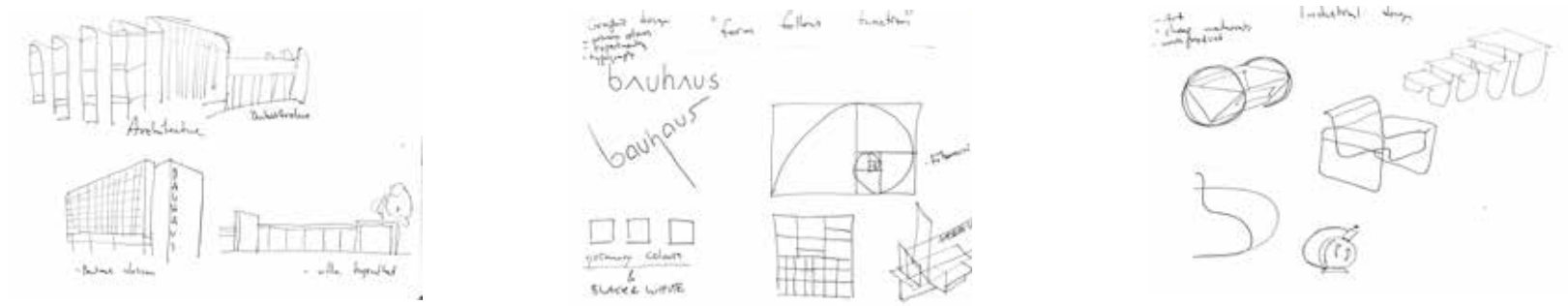
Rothesay Pavilion - The Sea and Sun Pavilion brings these outside elements into the building. The proposal includes a giant sun & moon as well as an undulating seascape for a ceiling.

Sea and Sun Pavilion

The aim for my proposed design is to create memories for those who come to visit Rotherhay Pavilion. To achieve this, the shop behaves more like an exhibition space - a sanctuary for creativity. To achieve this, the concept for this project is to bring outside elements such as the sea and the sun and the moon into the space. The design's purpose is to create an immersive space that is enjoyable for all.

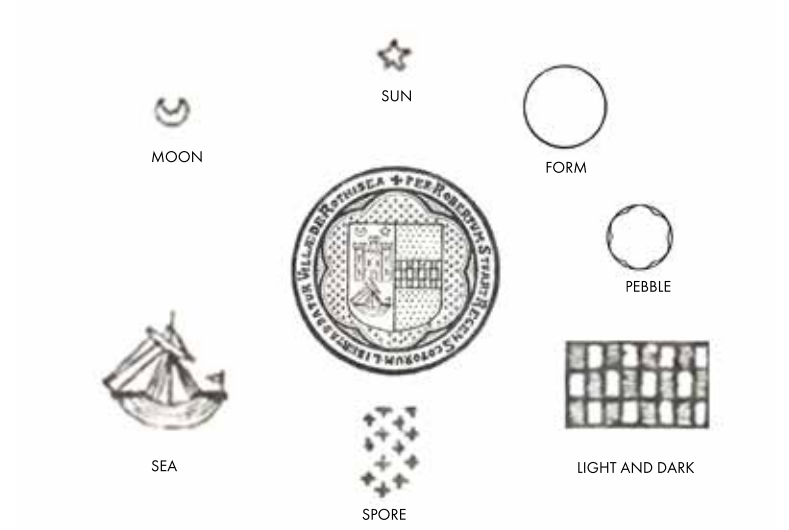
As an abstract interpretation, I propose to bring in the sea through an undulating black abyss above the pavilion's guests. A large sun/moon is the center piece of the space, and acts as a beacon and lighthouse to all of Rotherhay. The lighting changes from cool to warm throughout the day, and at sunrise and sunset the space is filled with the warmest saturated tones. The 'Pebble' tables allow mobility and expansion from the shop, and can be stowed away at night. The 'Spore' allows for an adjustable exhibition platform, and both have an element of surprise due to the reflective surfaces under the tables, forming beautiful caustics.

VIRTUAL REALITY EXPERIENCE: <https://roundme.com/tour/526262/view/1744938/>

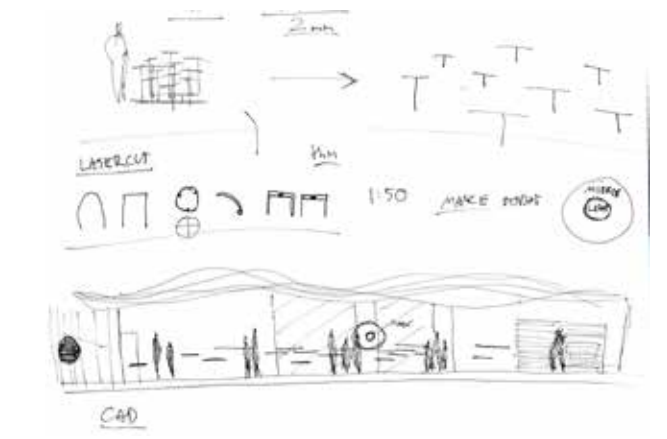
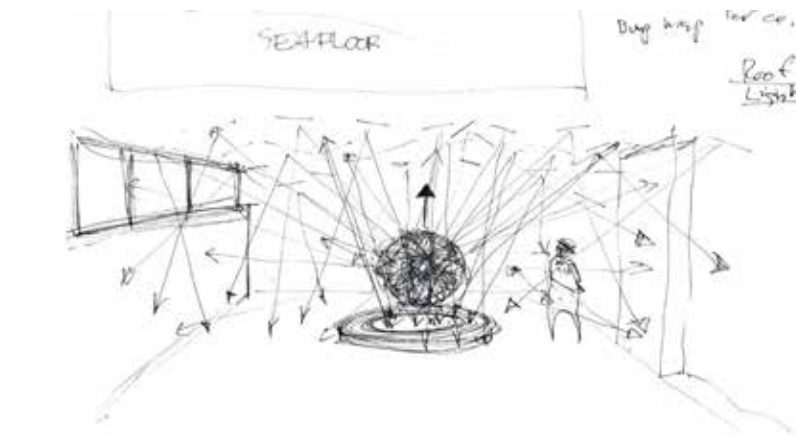
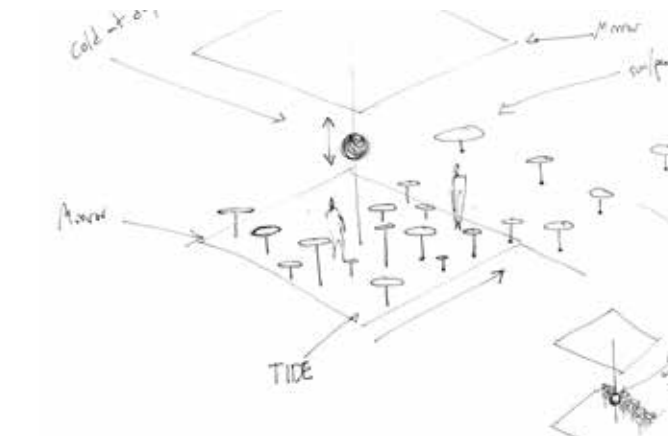
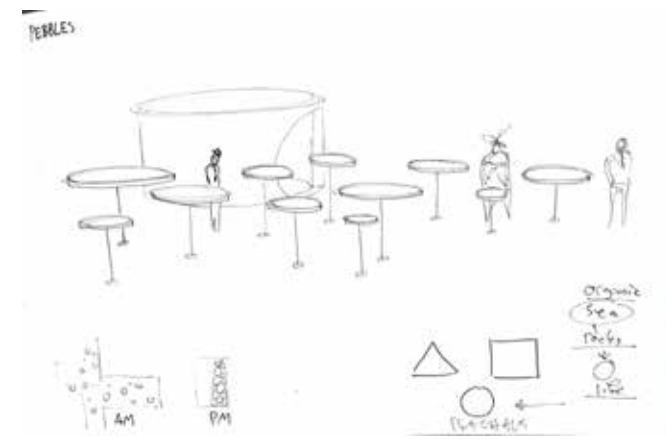
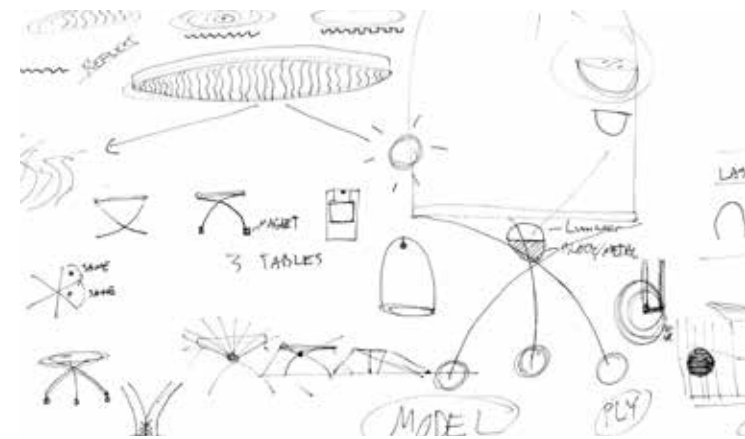
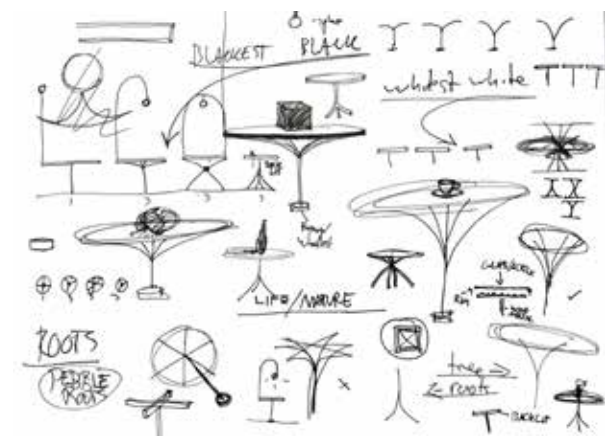
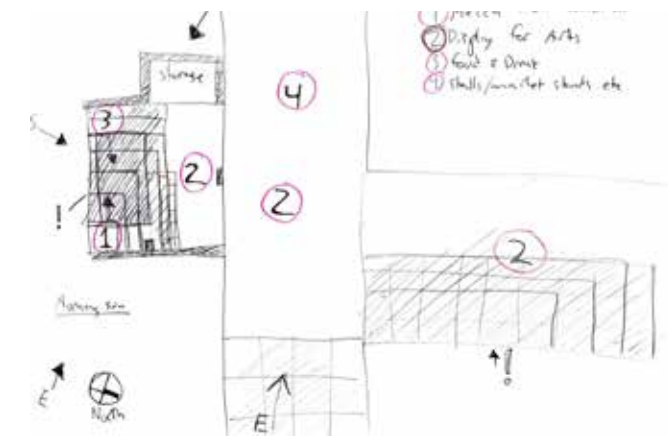


Sketches exploring what bauhaus and ART deco meant at the time and what is still relevant about those two.

Bauhaus Curriculum from 1922 and 1937. I used these to guide me through my design process, and used them as a reference point.



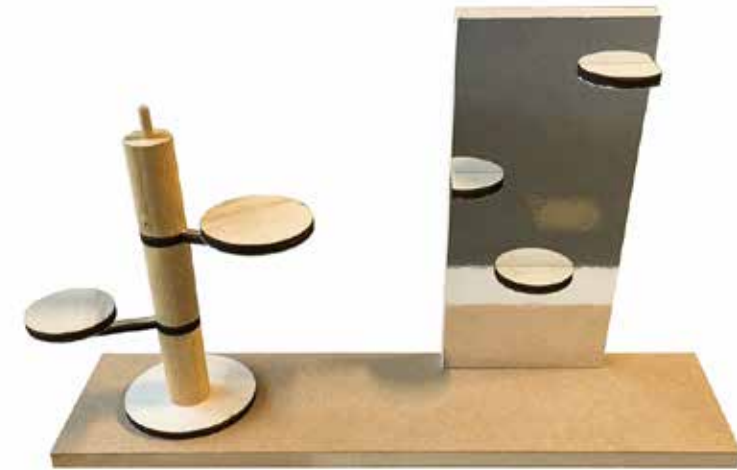
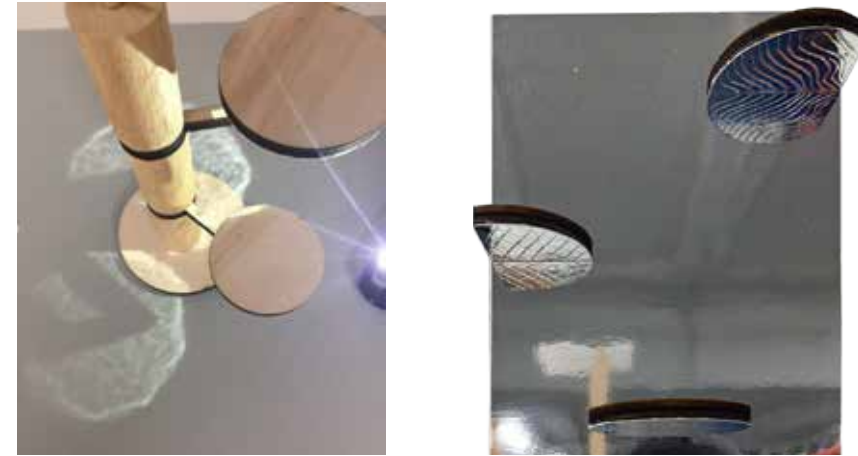
Deconstruction of Rotherhay's Seal as it was in the 1890's. Abstractions of the elements played a role in the design process.



The design process in sketch format, first finding the "sweet spot" and then sprawling out.

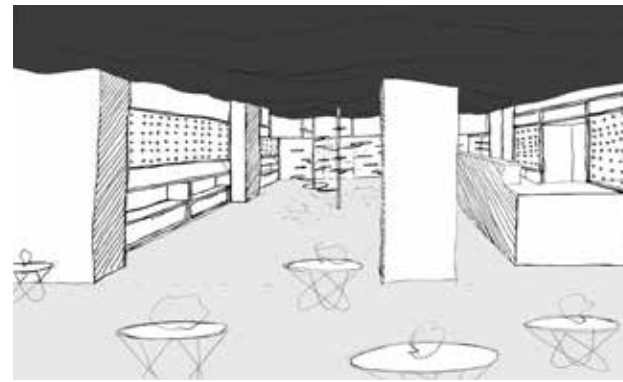


Physical model that spins to show how the Spore works, and how the underside of the table is a textured surface that will shine caustics onto the floor when lit from underneath.

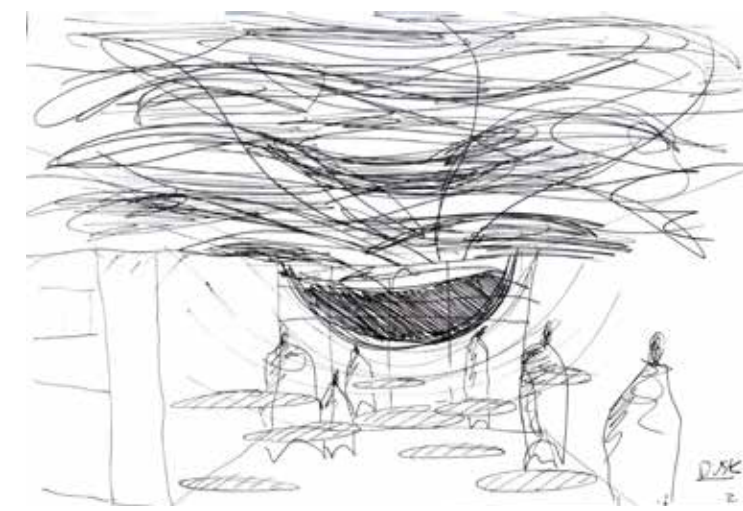
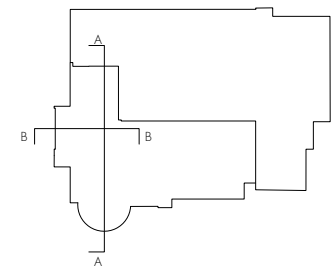


Set of images representing the surface of the sun & moon, with a matte surface that diffuses light so there is no glare whatsoever. The images demonstrate a colour change from cool to warm, as it would in the pavilion.



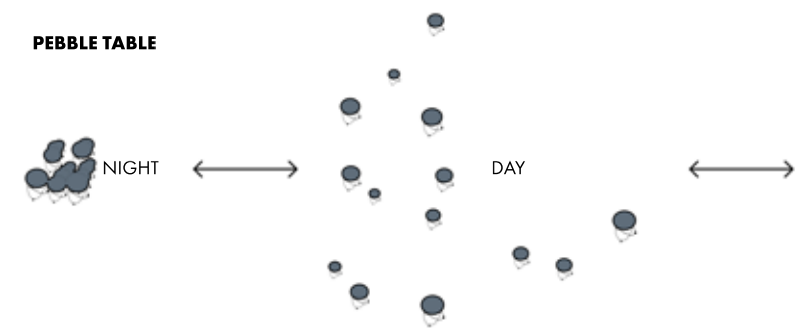


Hand sketch of the final layout of the shop space, showing the elements of the sea: the ceiling and the Pebbles.

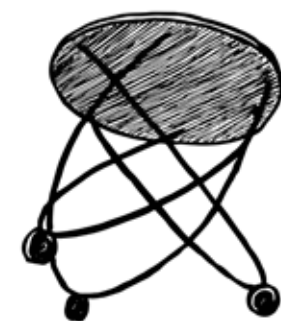


Hand sketch of the final layout of the foyer, showing the elements of the sea and the sun.

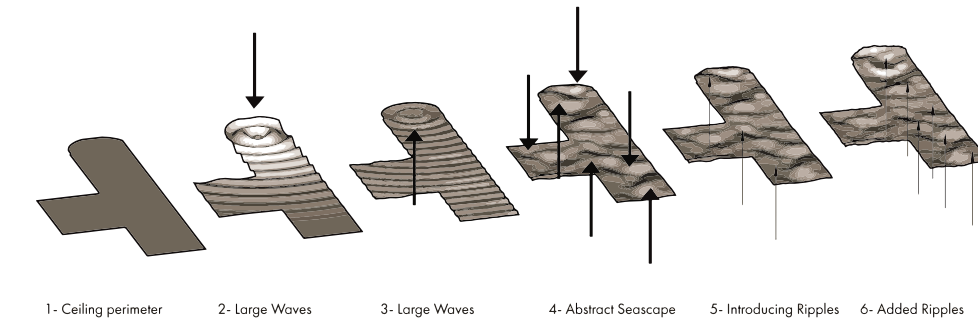
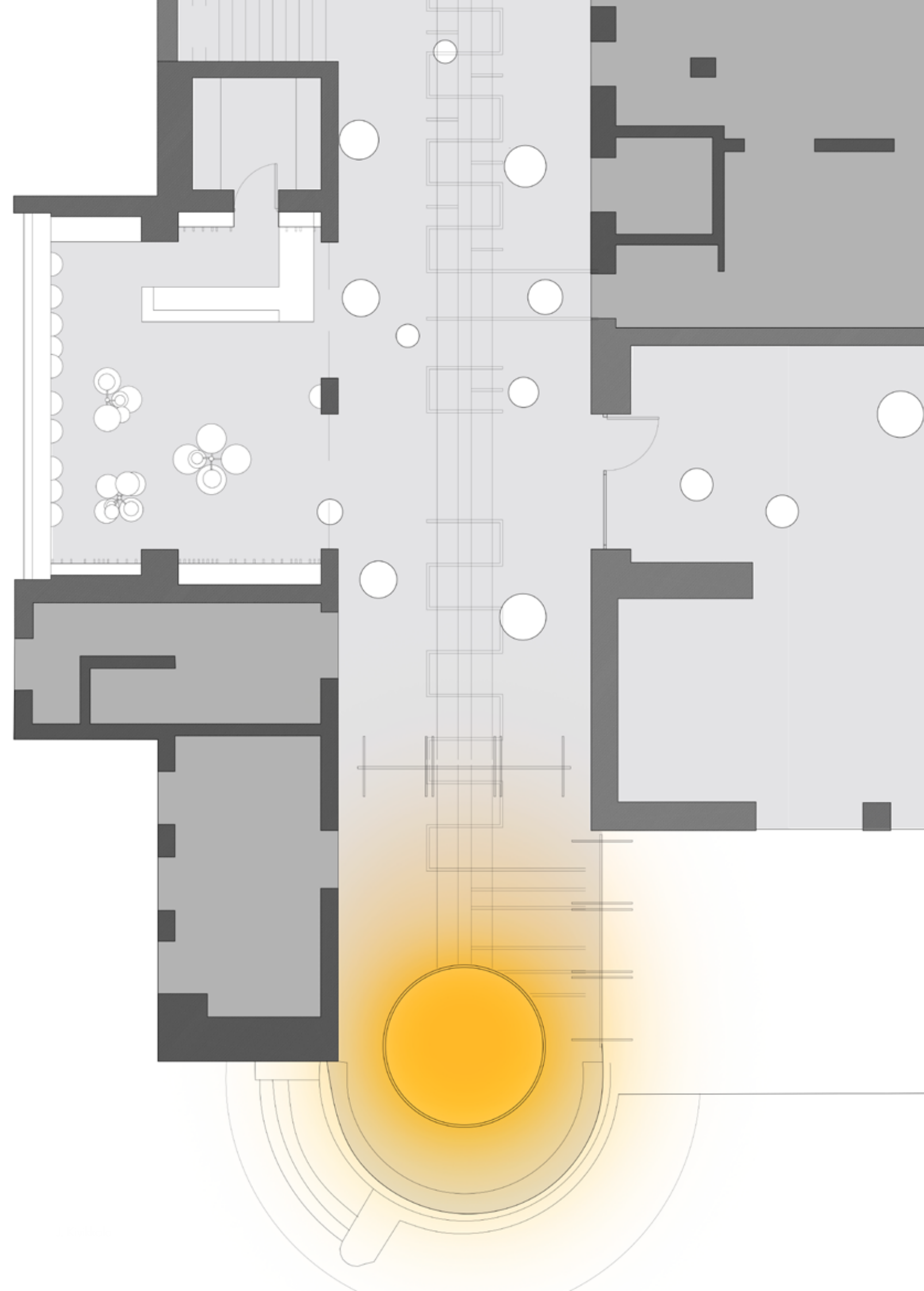
PEBBLE TABLE



The Pebble Tables take over the foyer during day time, but are easily placed away at night.



Hand sketch of the Pebble, indicating the organic form of the legs and the textured underside of the surface.

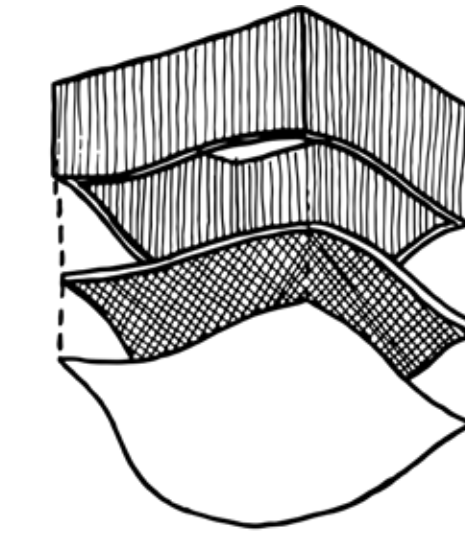


1- Ceiling perimeter 2- Large Waves 3- Large Waves 4- Abstract Seascape 5- Introducing Ripples 6- Added Ripples

Diagram depicting the forming of the ceiling.



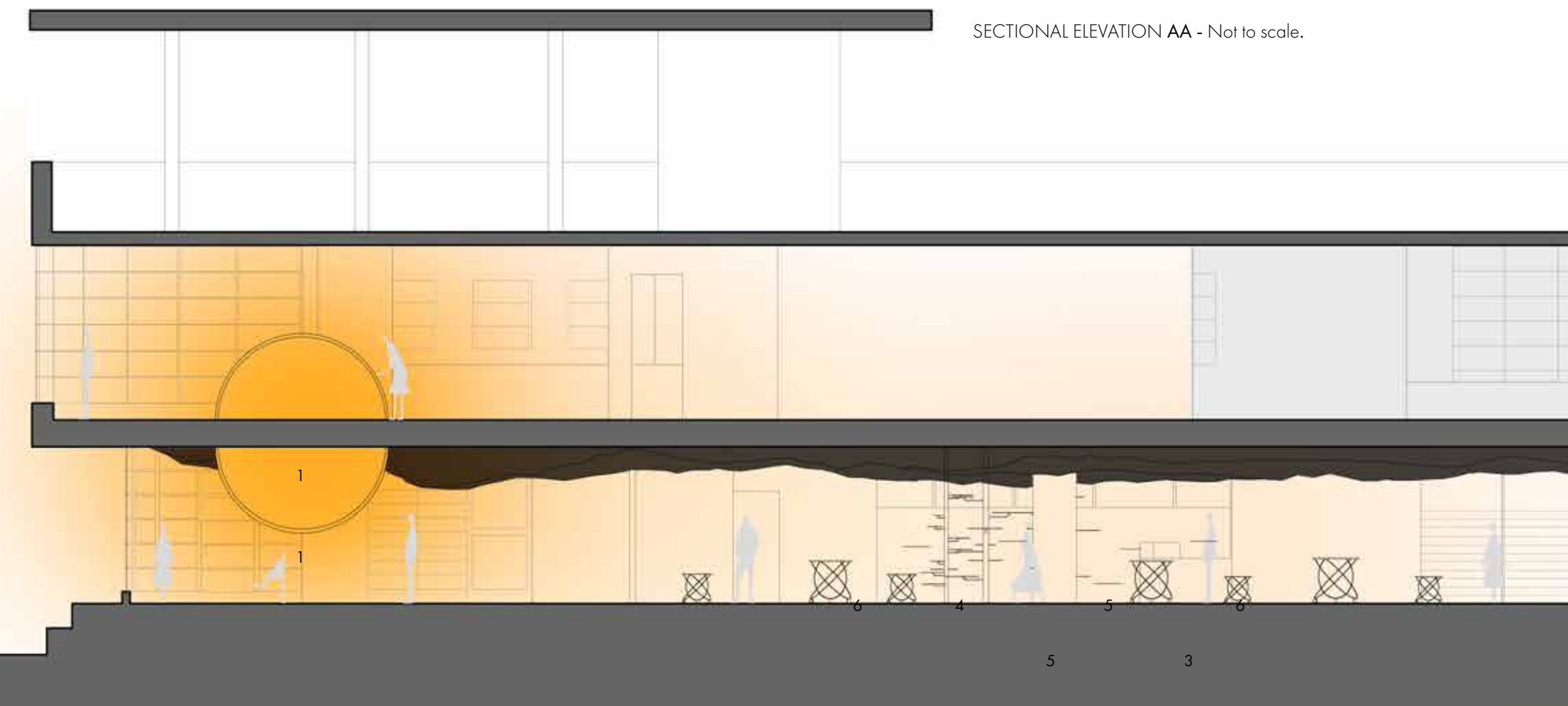
Rendered diagram demonstrating how the ceiling can be built with 1m x 1m squares of prefabricated fibreglass.



Hand drawn diagram demonstrating a close up of the layers of the ceiling.



Rendered visualisation of the spaces with the 'Pebbles' around the foyer. Emphasis on the effect the ceiling has creating reflections.



SECTIONAL ELEVATION AA - Not to scale.

KEY:

- 1- Sun & Moon Light- This lighting element changes colour temperature relative to time. All other lighting fixtures follows the same rule to emphasise the effect.
- 2- Undulating Sea- This fibreglass structure is suspended on a slotted frame, and coated in a black, semi-reflective finish.
- 3- The Pebble Table- This table has a surface for durability, and has stainless steel legs. The underbelly is rippled stainless steel, so that when light is shone upon it, it forms beautiful cavaits.
- 4- The Spore- This exhibition display pivots along a central axis and is custom fixed to a position depending on the product. The core is made from timber. The surfaces are the same as above.
- 5- Wall mounted Pebbles- These half-circles are cantilevered, and the walls they are mounted on are black tinted high reflection mirrors. The surfaces are the same as above.
- 6- The Frame- These storage units provide a dowel system that can be customised to any configuration, and have glass encased compartments for jewellery, as well as ample storage for other merchandise.



Rendered visualisation of the 1st floor space looking out to the sea. This space is occupied by nothing else than the counter for the Sun & Moon lighting element.

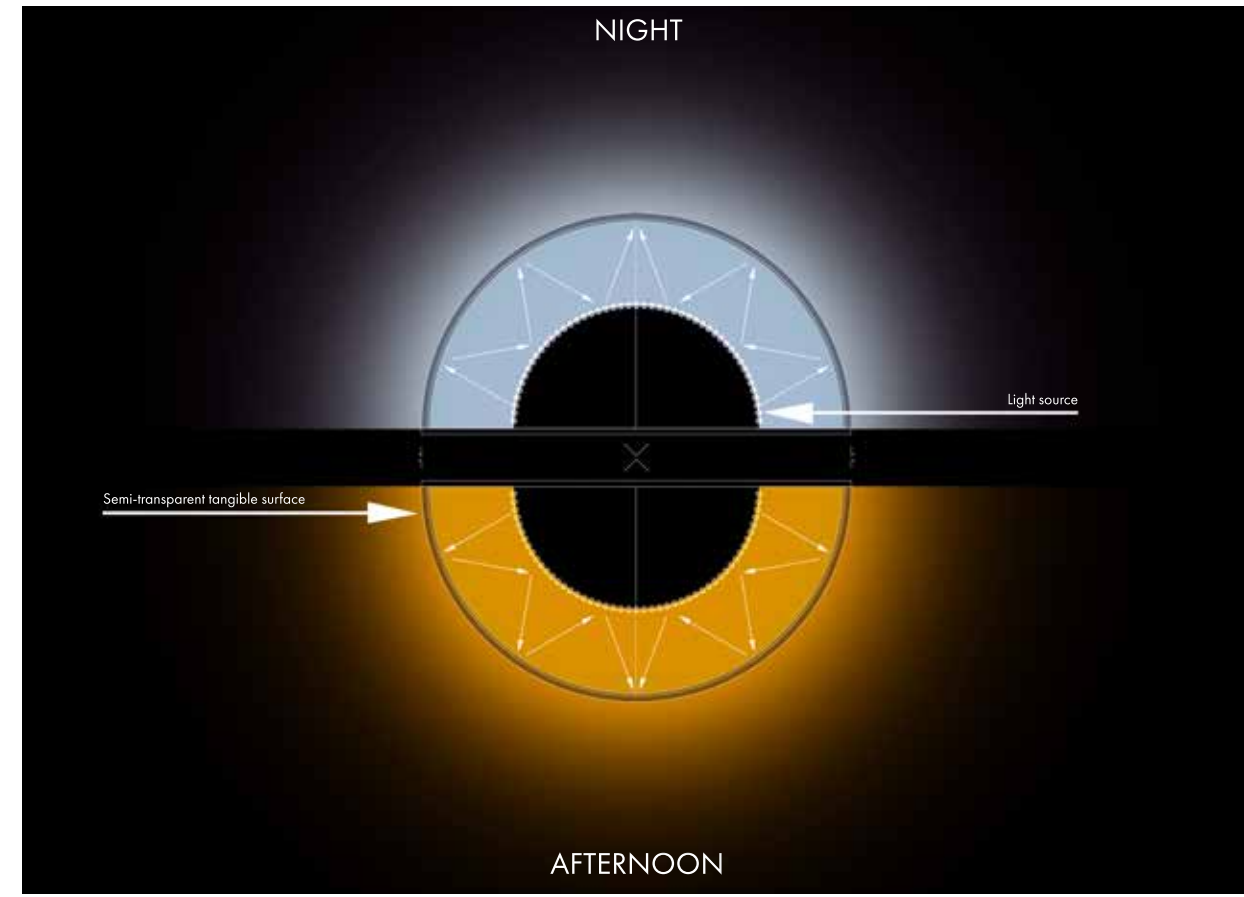


Diagram indicating how the Sun & Moon could be composed. The change in colour temperature is the key element, as well as it being tangible so that guests can investigate it.



Rendered visualisation of the entrance. This space is occupied by the counter for the Sun & Moon lighting element. The seascape ceiling creates an immersive environment and creates reflections of the sun and the people who occupy the space.



Exterior view of the pavilion showing the sun with cooler colour temperatures during the day.



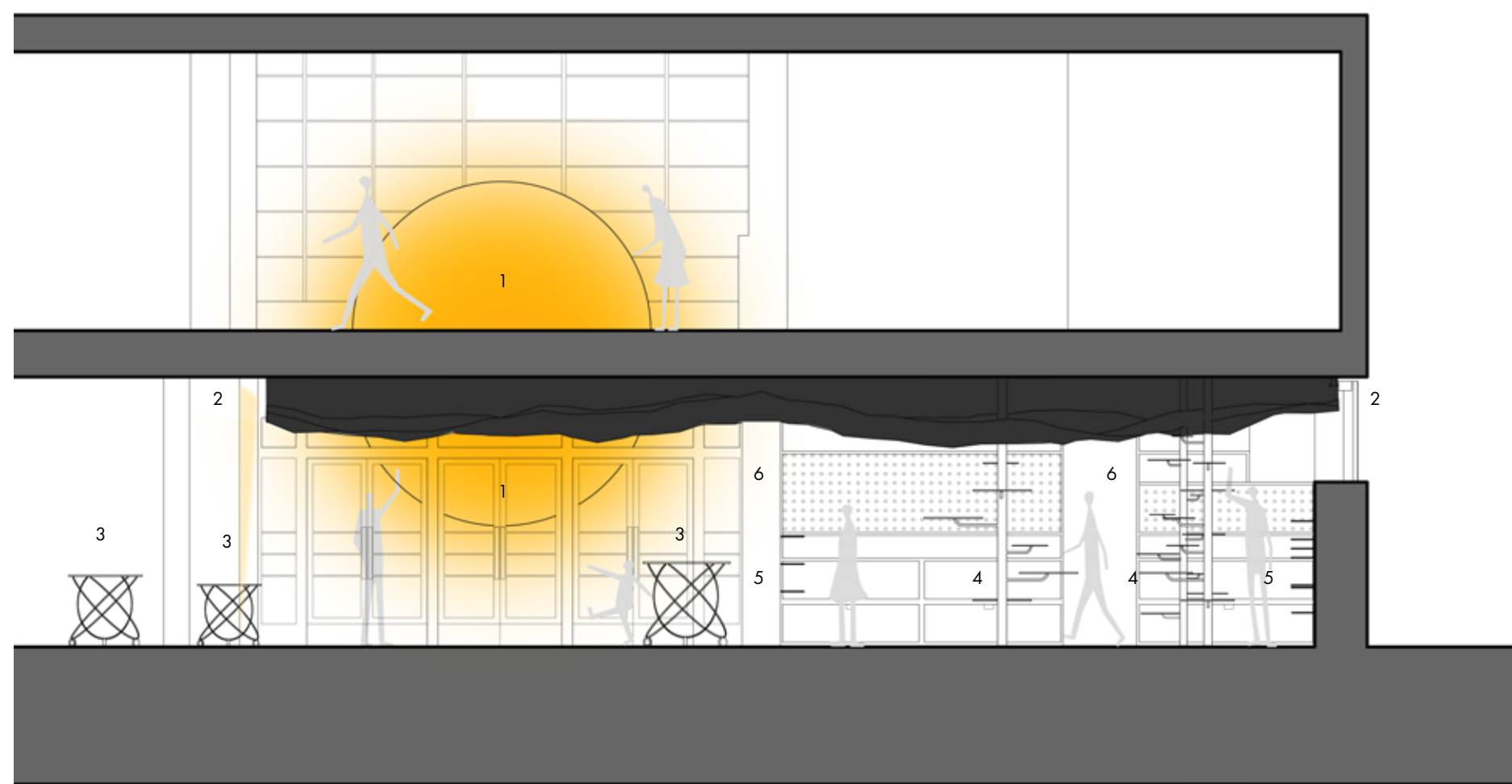
Exterior view of the pavilion showing the sun with warmer colour temperatures in the late afternoon.



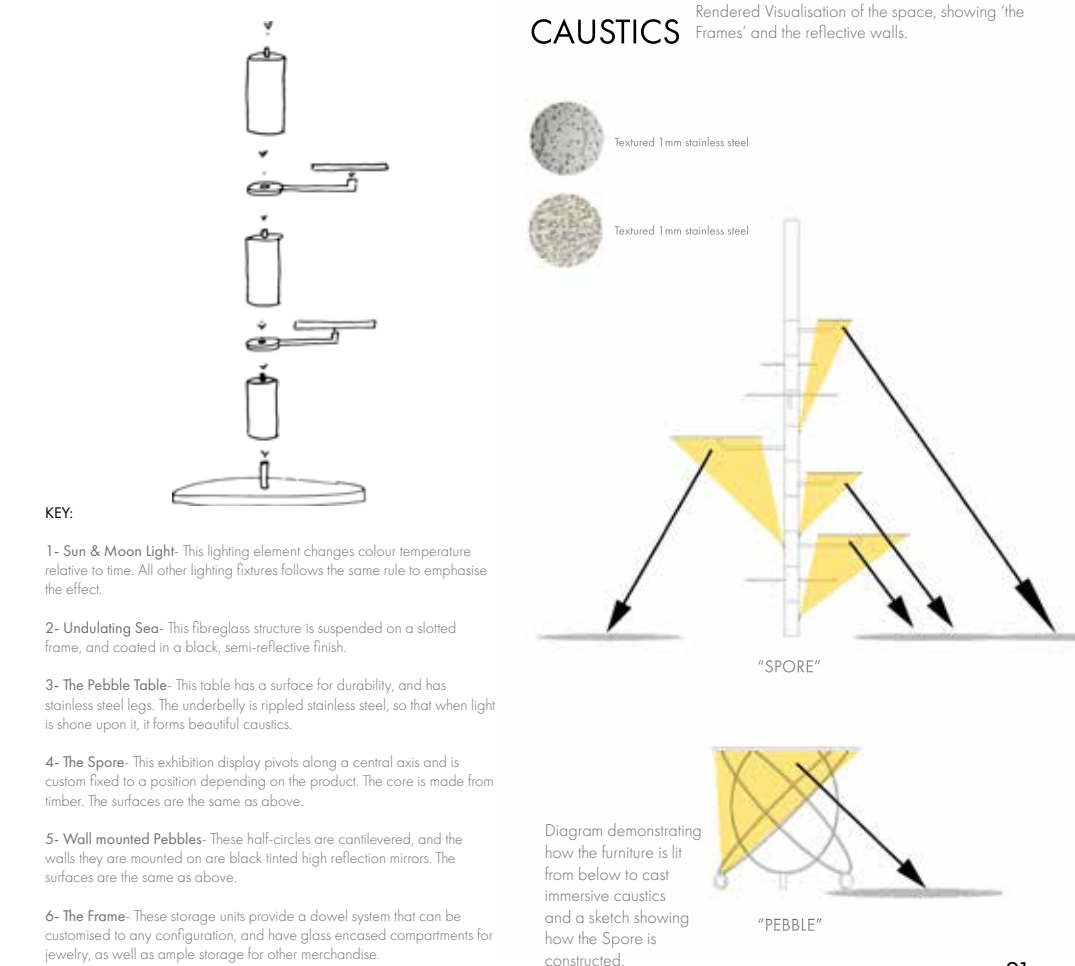
Rendered visualisation of the shop and exhibition space during the day.



Rendered visualisation of the shop when it has been closed, but the foyer is still open, and lit with a very warm and saturated colour temperature.



SECTIONAL ELEVATION BB - Not to scale.



CAUSTICS Rendered Visualisation of the space, showing the Frames' and the reflective walls.

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- 3- The Pebble Table- This table has a surface for durability, and has stainless steel legs. The underbelly is rippled stainless steel, so that when light is shone upon it, it forms beautiful caustics.
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- 6- The Frame- These storage units provide a dovetail system that can be customised to any configuration, and have glass encased compartments for jewellery, as well as ample storage for other merchandise.

