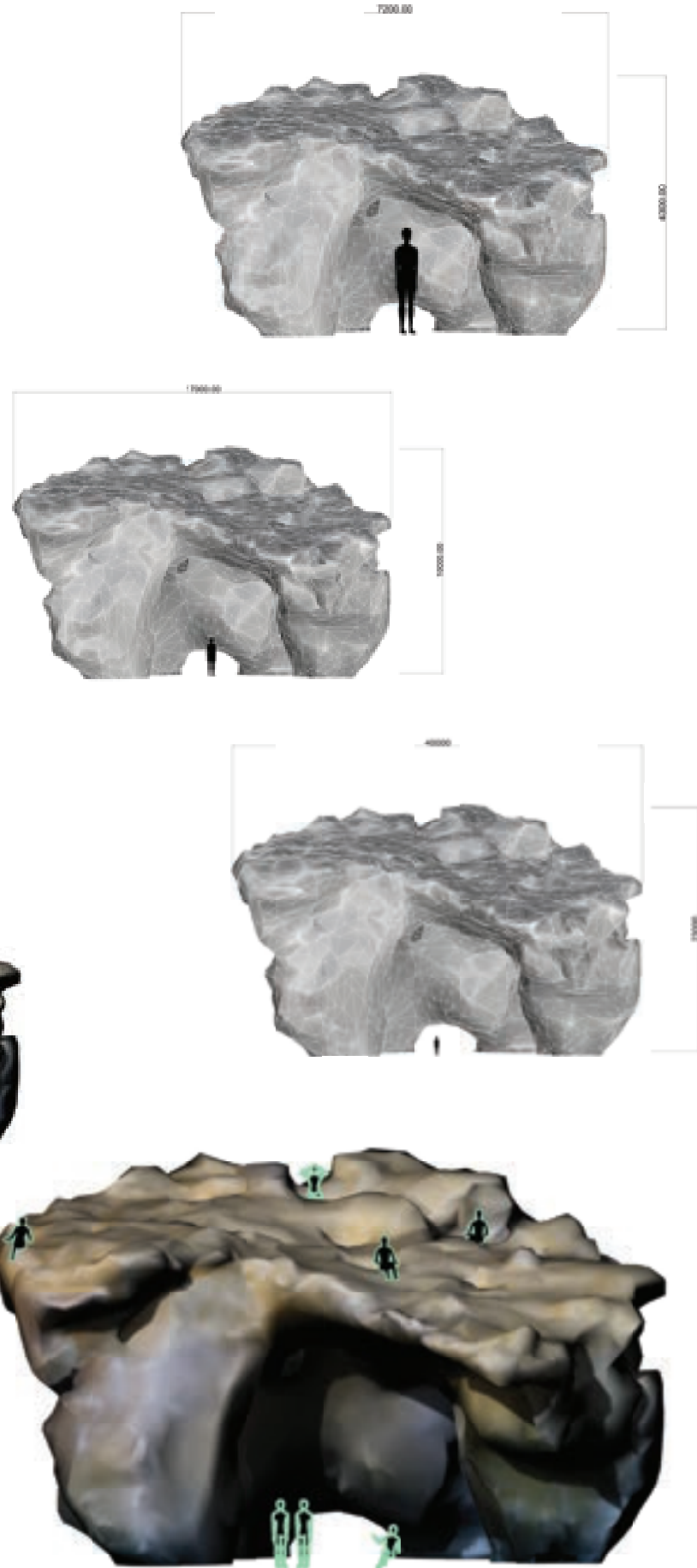


Diagrammatic Strategies

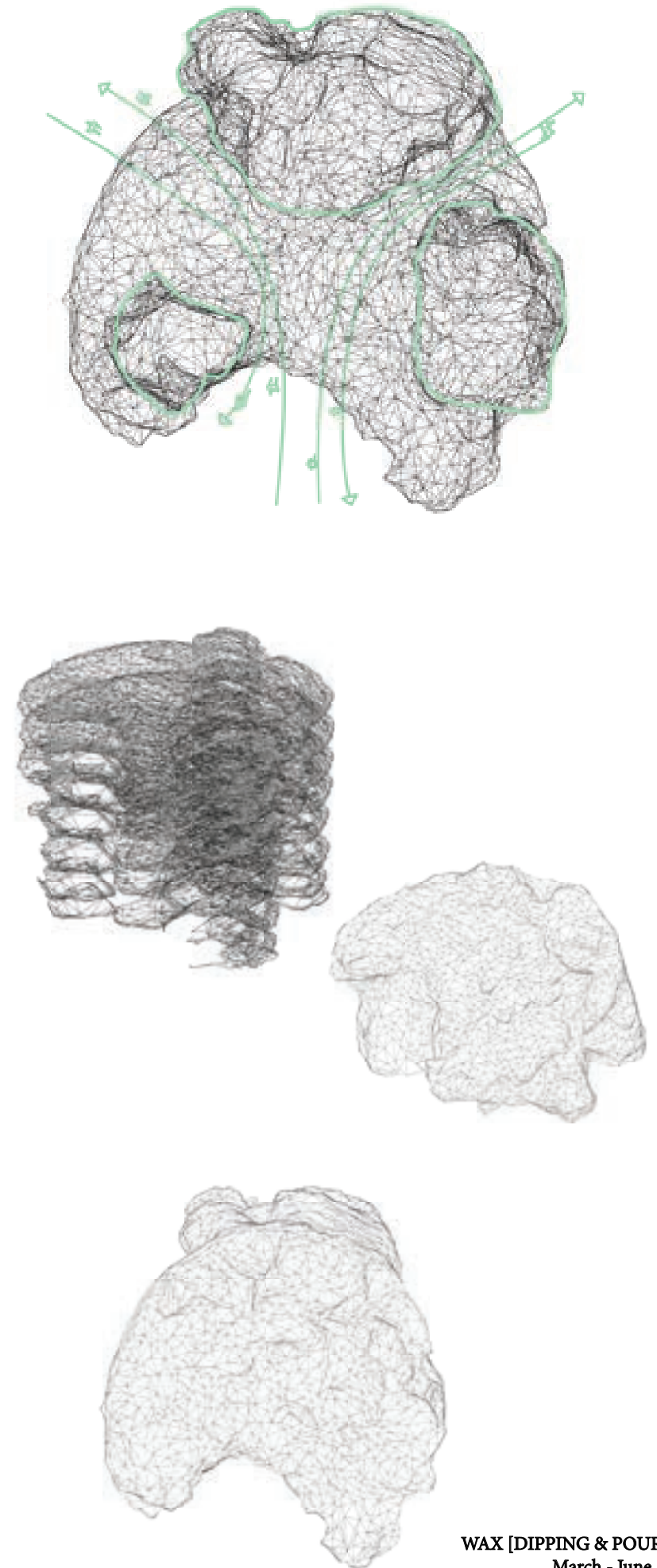
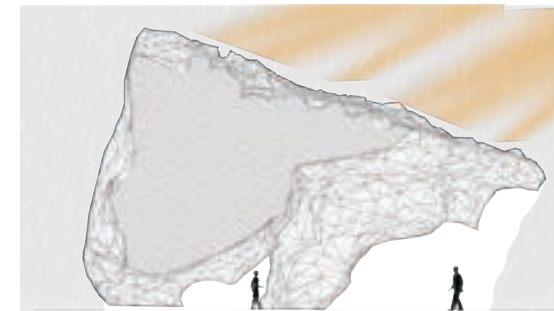
Diagrammatic Strategies: Scale -

The initial strategy of diagramming the final model resulted in detailing the complexity of scale. Three major scales were considered based on application of human interaction as well as the structural practicality and contextual relevance. The second and third option, being the two significantly larger proposals resulted in a lack of necessary association and affect between the individual and structure, although grand, the true complexity and interactive capability becomes marginalised by the size of the structure itself, therefore the first option made logical and architectural sense. The structural dynamic between construct and individual however can only truly be realised through implementation of individuals within that scale, the second option was considered for this to eliminate any further doubt. Once placing the people within the structure, it becomes clearly evident of the disparity between human and architecture due almost exclusively to the scale. This supports the first utilisation of scale and shows the necessity for diagrammatic evidence to lead the way for future design prospects.

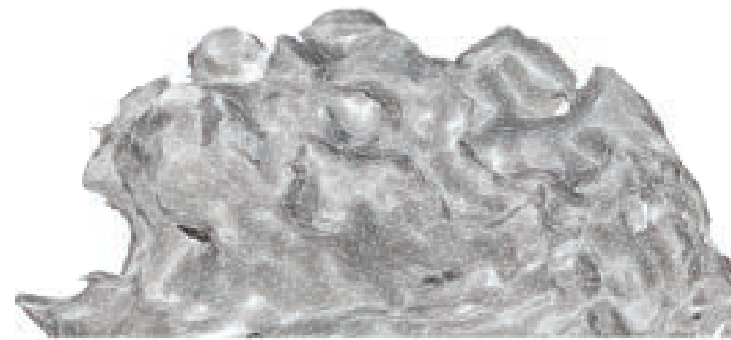
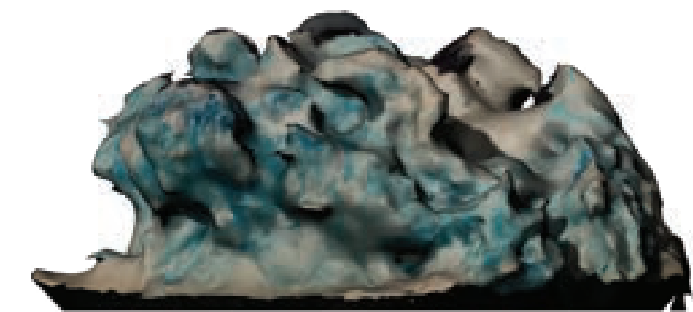


Diagrammatic Strategies: Movement and Structural Complexity -

The smaller scale allows for clearer diagrammatic representation of movement patterns within an intimate and unique spatial realm. The three pillars allow for the guidance and shift in perspective around into an emerging area, which within the contextual relevance of Centennial park will allow for three unique differing perspective views. The second diagrammatic implementation is necessity to understand the structural complexity of the construct, in an advance to understanding how the structure is layered through different widths and lengths. This material 'stacking' allows for further understanding into how the internal structure may be made up, where the right side structural column may require adequate bracing beyond the internal wall structures. The final diagram details the significance of the slanted roof, as well as large back pillar which protect against almost all environmental influences specifically rain and significant sunshine. Through detailing this on a larger scale, it became apparent that the success of the structures ability to shield from the elements may be compromised by size, depending on severity and angulation of rainfall.



Material Scanning

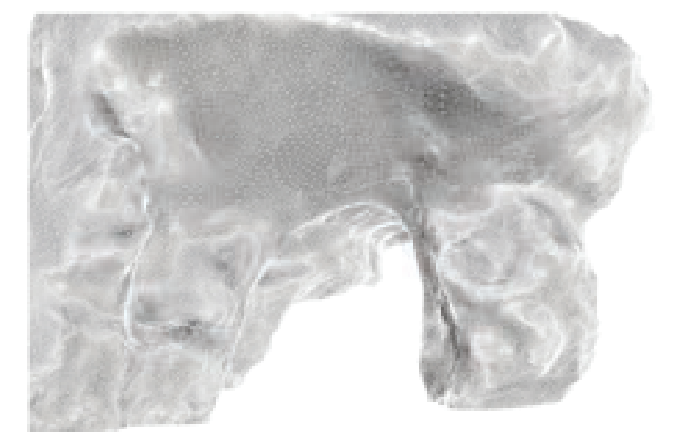
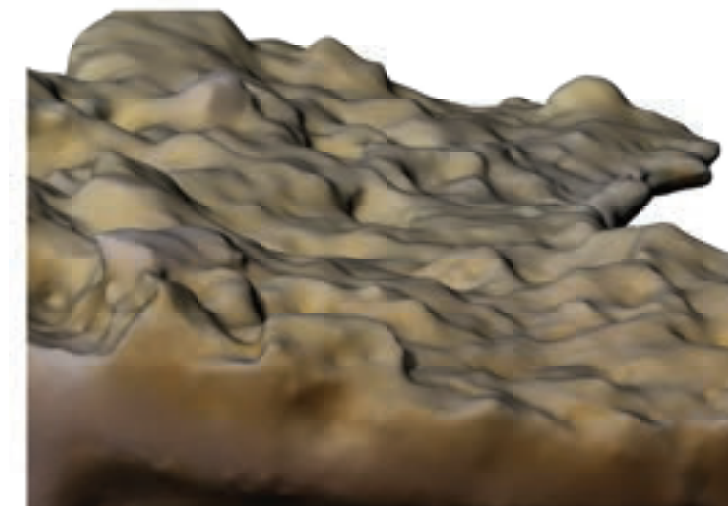
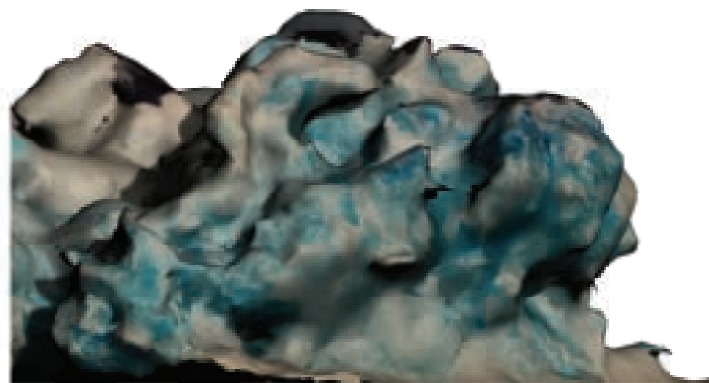
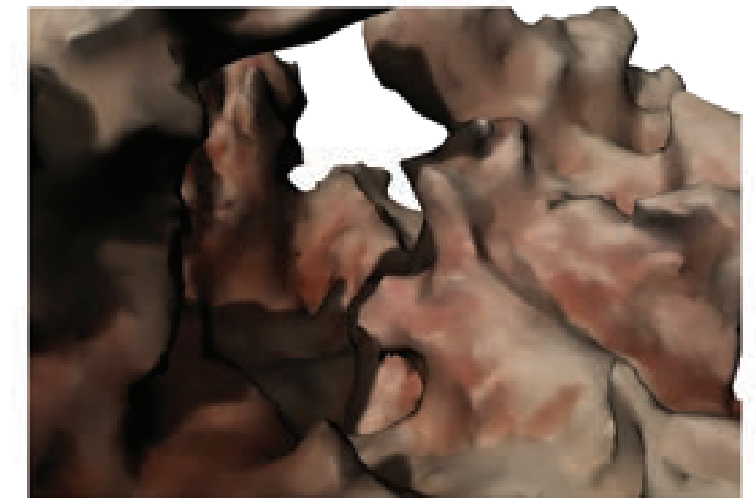
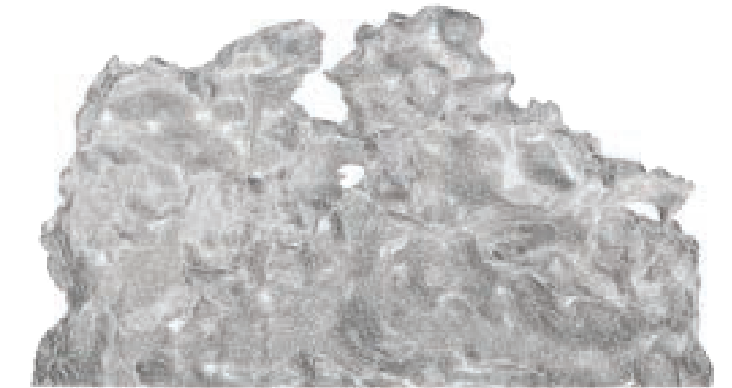
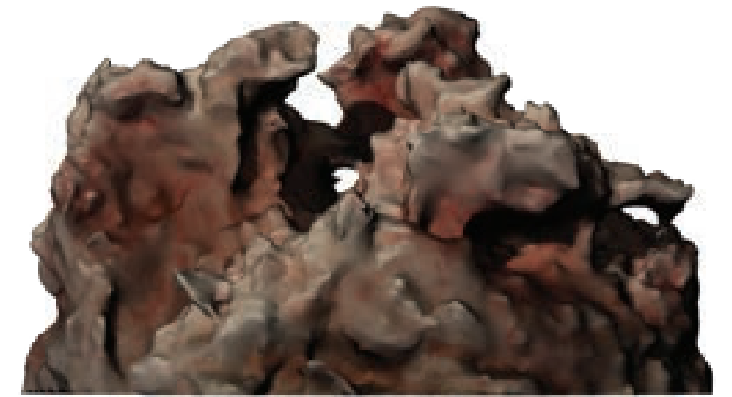


Material Scanning: Experiments

The differentiation between the original model scans throughout the experimentation phase and the gelatin layered scans provided, allowed for a indepth visual analysis of the intracate structural forms gelatin can create. The further influence of gelatin allowed for a greater, more detailed visual understanding of structural depth, as well as adding an appealing aesthetic thats original in design, not result of post design implementation. Beyond the scanning of gelatin structures, the experiments themselves allowed for the ability to understand how to perfect the nature of scanning and understanding the intricacy of wax materiality through the process. Wax itself through the state of model form, contains many small intricate notches which require extensive care when analysing.

Material Scanning: Final

The final experimentation forms required the most care. The pre-final design was intricate throughout the internal and external structure whilst having seperate emerging walls evident throughout. Although the design itself was complex, it didn't contain the required necessary features for adequate internal space as a pavillion. The final design, on the individual mesh level, was considerably more detailed. All the intricate bumps and spots throughout the images are replicated thoroughly within the scans and allow for a further insight into the internal space as well as internal detailed structures. The roof itself is a further example of the level of detailed achieved through adequate scanning.



Site Plan



1:500

Site Plan: 1 : 500

The positioning of the pavillion within this specific location within Centennial Park was result of analysing prime movement paths as well as immediate visual contact. The space itself is the least densely crowded with trees and structures then other spatial locations, whilst maintaining enough roof for the structures potential to be fully realised as a habitable, resonant structure. The structure also sits on a flat elevated plane with slight decline closer to the adjacent footpath, which doesn't effect the concrete foundations which the pavillion lays upon. The affect of the structure provides the optional occurence of any emotion evoking event, which within this case is afflicated with the concept of intrigue. Once within the space, the idea of being encased within a large wax pavillion structure begins to incite a variety of emotional and rational responses, being how the structure is constructed?, whats the meaning behind the structures relevance to the park? or determining the functionality of the structure aswell. Any experience is effectively personal, with the optional capability to seek out the space rather then simply just admire by passing by.

Site Plan: 1 : 100

Through closer identification, it becomes clear that intrigue will drive individuals to seek out the space, whilst people approaching from any side of each footpath, being nine potential entry or exit points, will have this option available. This aspect is further backed by individuals already on the grass, which may depend on weather and external conditions.

1:100



Perspective



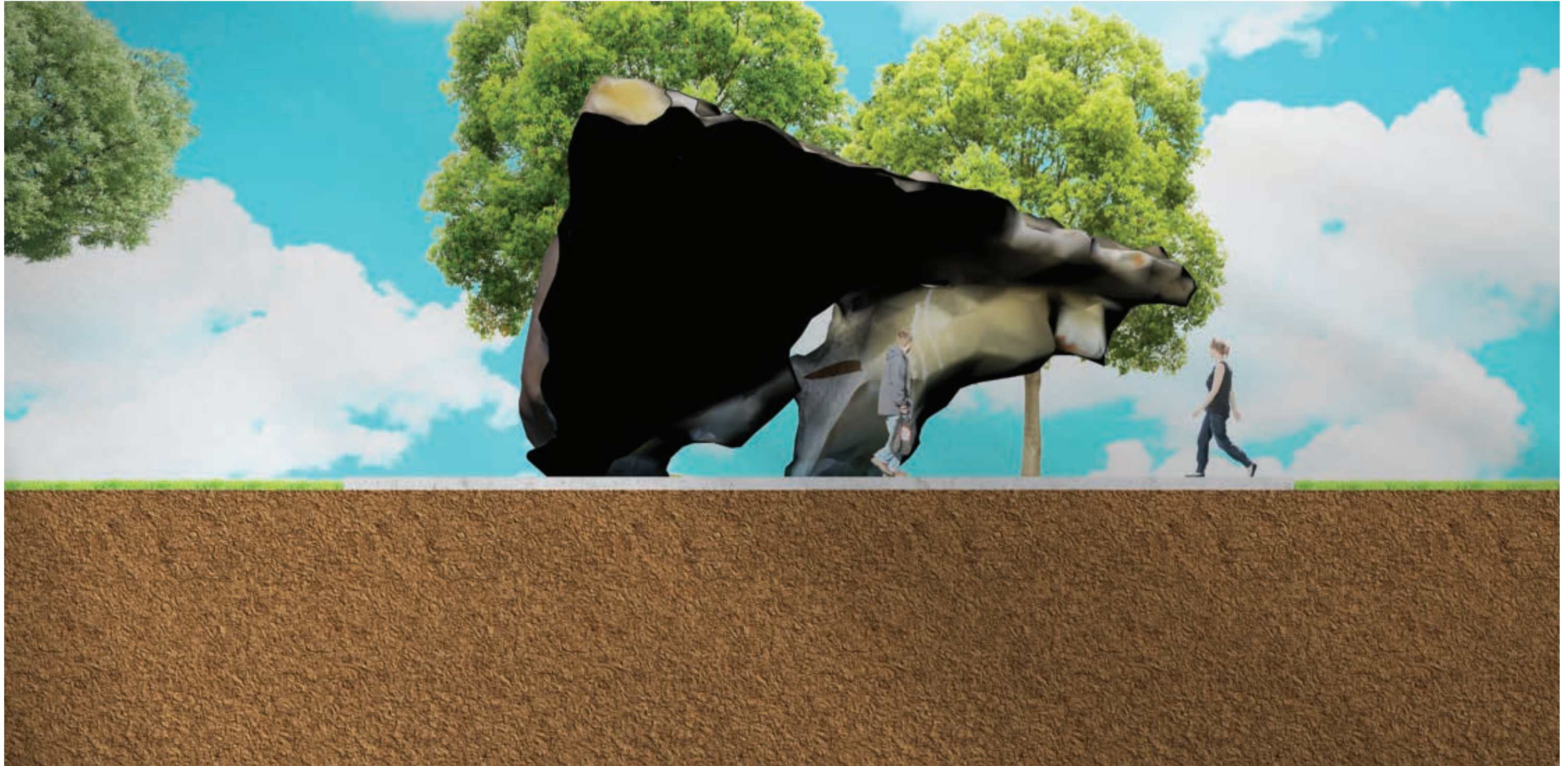
Perspective



Pavillion Plan 1:10



Pavillion Section 1: 1:10



Pavillion Section 2: 1:10

