The three canopy projects served as structural process studies that eventually led to the creation of Morpheus. This design of the Repetition Canopy was derived from an altered cross section of a viking ship hull. The result was a repeating canopy structure that consisted of linear and angled members which helped create a strong structural system and a captivating facade.

The goal of the Syncopation Canopy was to create a roof form that jumped back and forth in an "A, B, A, B" pattern which formed three pathways throughout the structure. Through the use of thicker structural columns and thinner tension cables this design helped influence the way structural support was crafted in the final project.

The final canopy, the progressive structure is the most complex. It begins with a simple "V" shaped cross section of a viking ship hull and gradually morphes, causing the structure to fold in on itself. This created a multiplicity of spatial types throughout the space, as the 'wall' slowly becomes the 'roof.' The concept of 'progression' transfers into the final project and becomes the main idea for Morpheus' roof structure.
Part 1.1

Repetition Canopy

Elevation
Part 1.2

Syncopation Canopy

Model Photo
Model Photo
Perspective Render

Elevation

Perspective Render

Plan
Part 1.3

Progression Canopy
MORPHEUS

*Morpheus* is a combination of a Boat Workshop and History Museum. The Museum is based off of Pacific Northwest Indian heritage - whose people settled at the mouths of rivers and peninsulas prior to settler influence.

With a progressive roof structure, this composition has compelling interior spatial types that compress and expand as you move throughout the space.
Morpheus is a land forming building that progressively rises up with the slope of the land behind it. The bends and dips of the building form help facilitate the programmatic elements happening on the interior. This allows for the best use of the space - with the administration and classrooms to the back; the Boat Workshop in the center; and the History Museum in the front, closest to the water.
"Voyage upon life's sea. To yourself be true. And, whatever your lot may be, paddle your own canoe."  
Sarah Bolton