

Light**Work**

Everything Must Scale: The Removal of Motion
GSAPP Spring 2022 Studio Michael Bell
Yaxin Jiang

Spring 2022 The Removal of Motion



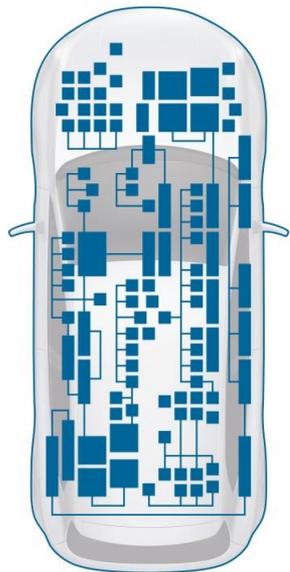
The Future of Work



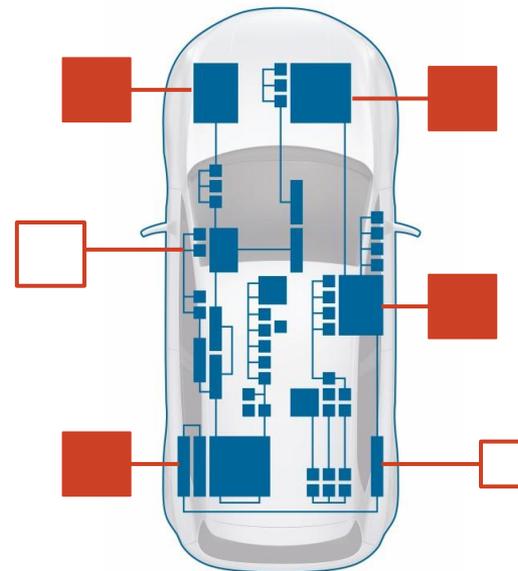
The Future of Work



Future Vehicle

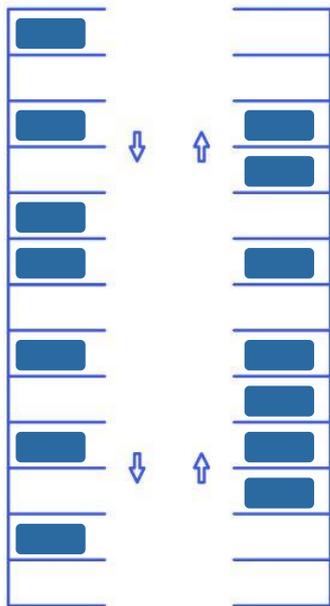


Introvert System

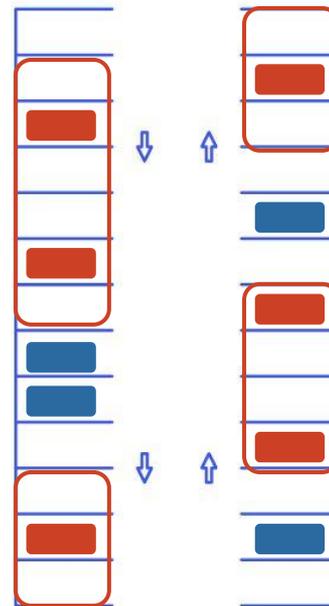


Extrovert System

Future Workspace



Vacant Spaces



Active Reuse

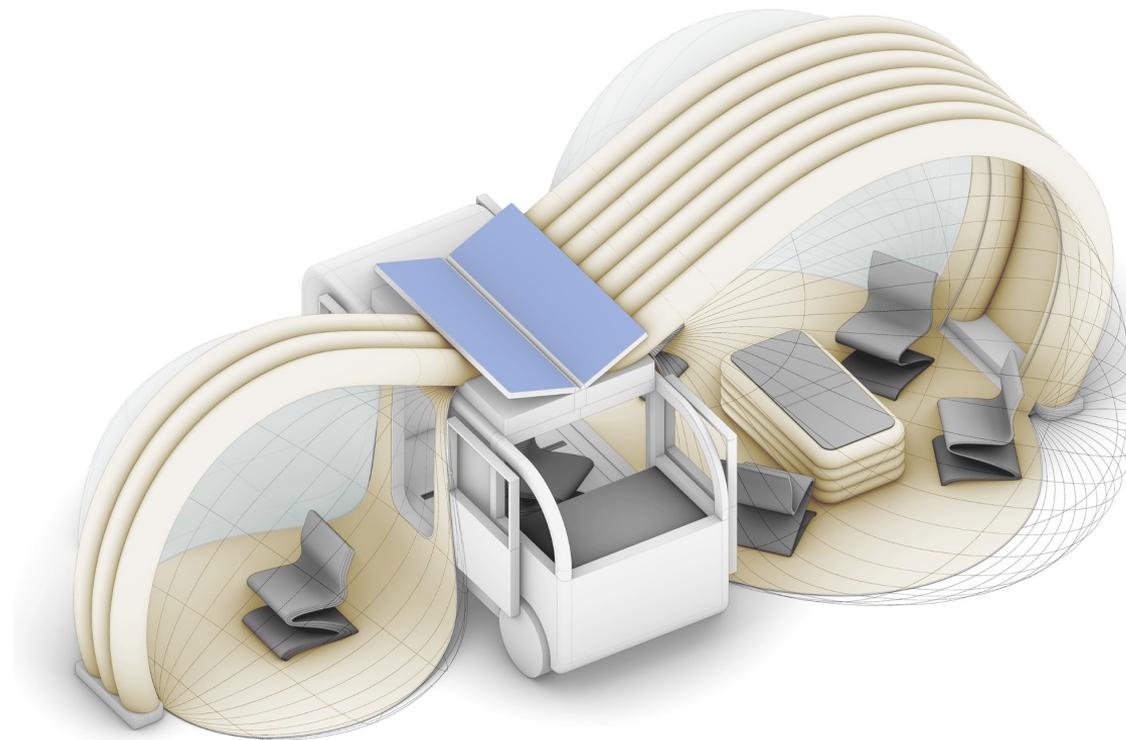
Future Workspace - LightWork



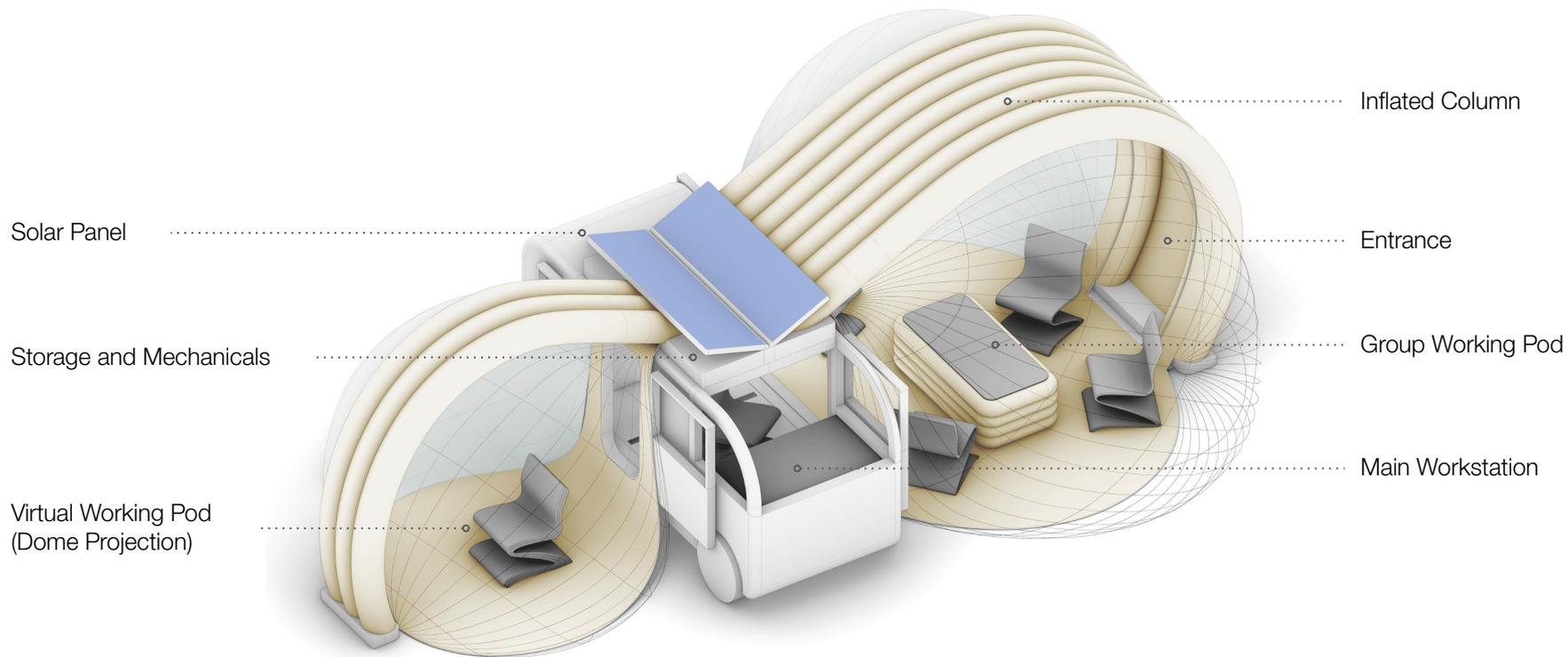
Site Plan



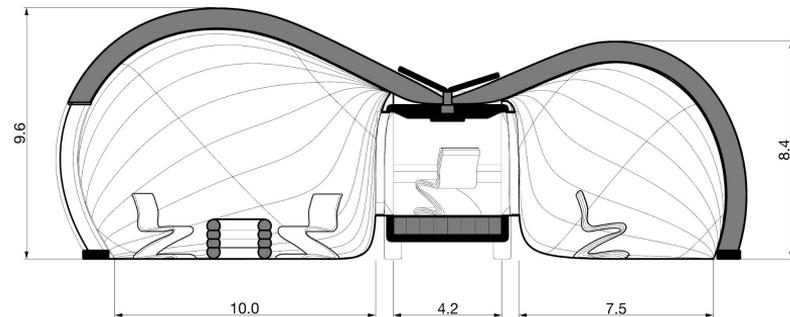
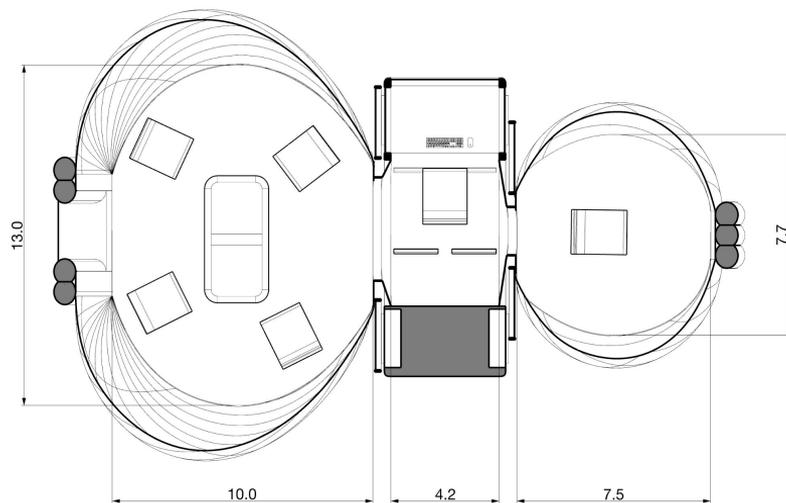
Work Pod



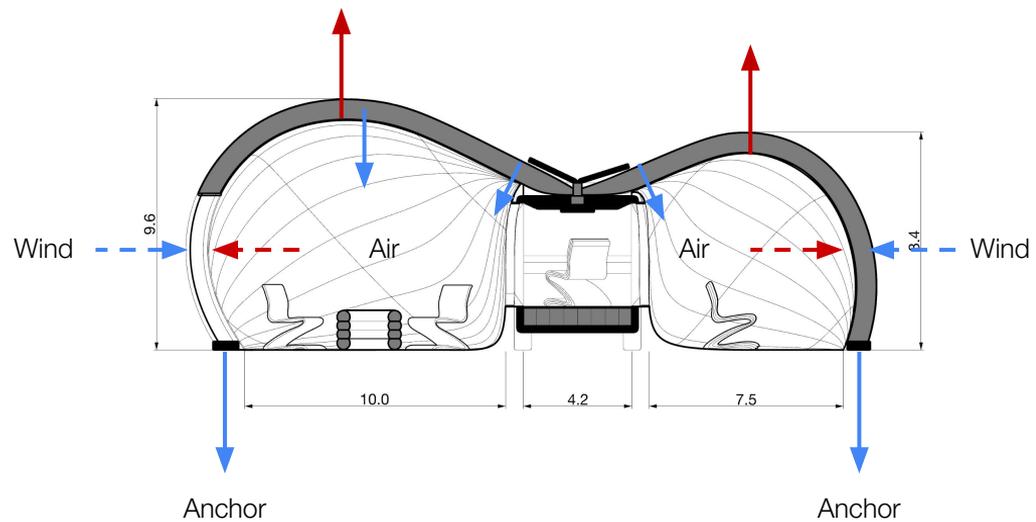
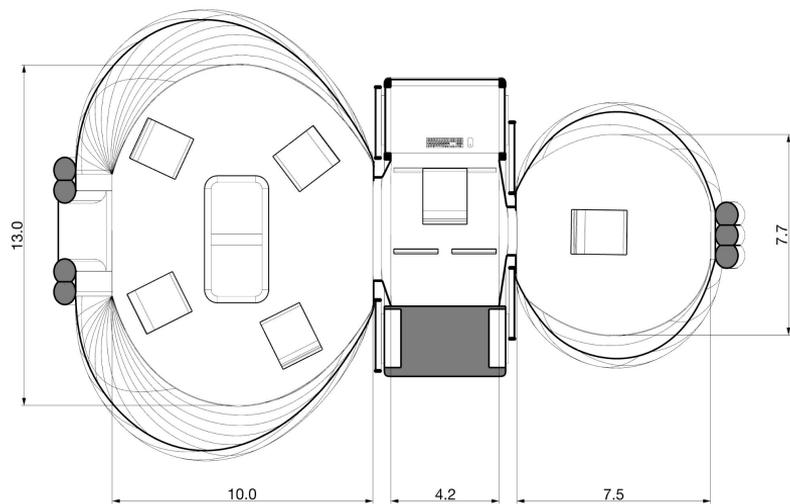
Components



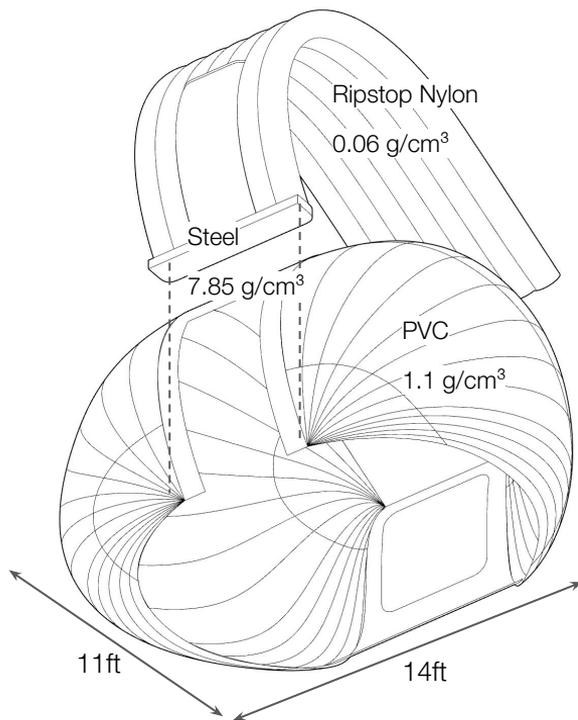
Dimensions



Dimensions



Weight and Cost Comparison



Inflated Pod

Density:
0.06~7.85g/cm³

Volume:
462 cu.ft

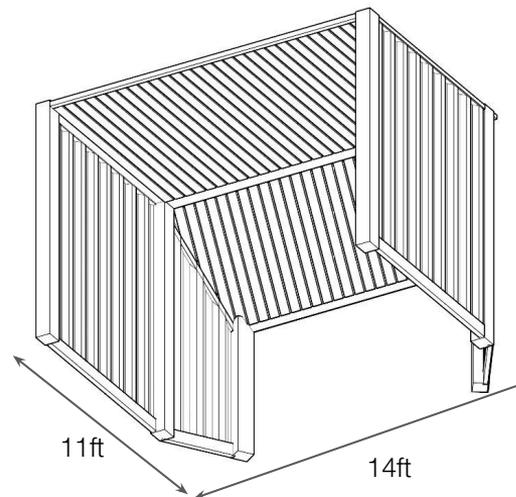
Surface Area:
766 sq.ft

Weight:
32 kg

Footprint:
34.5 sq.ft

Cost:
\$0.55/sq.ft

Total Cost:
\$424



Aluminium Shelter

Density:
2.7 g/cm³

Volume:
35 cu.ft

Surface Area:
738 sq.ft

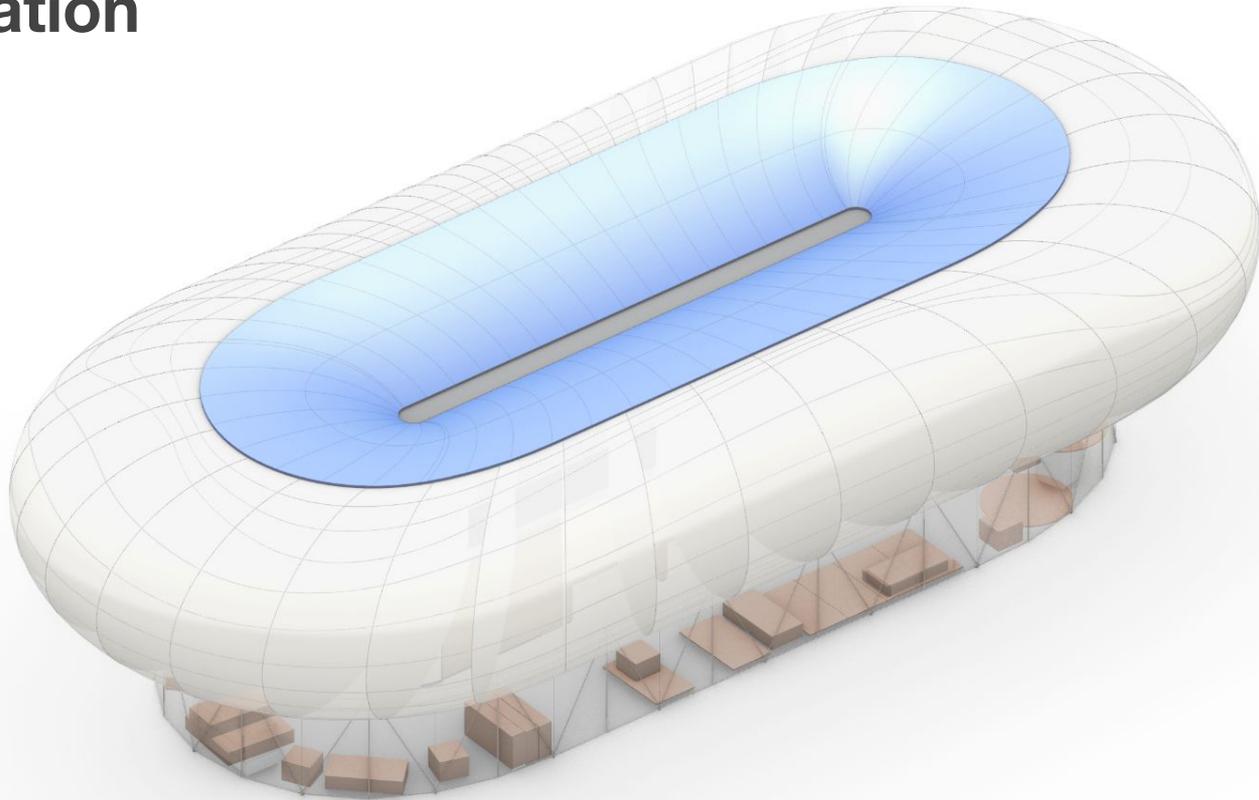
Weight:
1128 kg

Footprint:
5.2 sq.ft

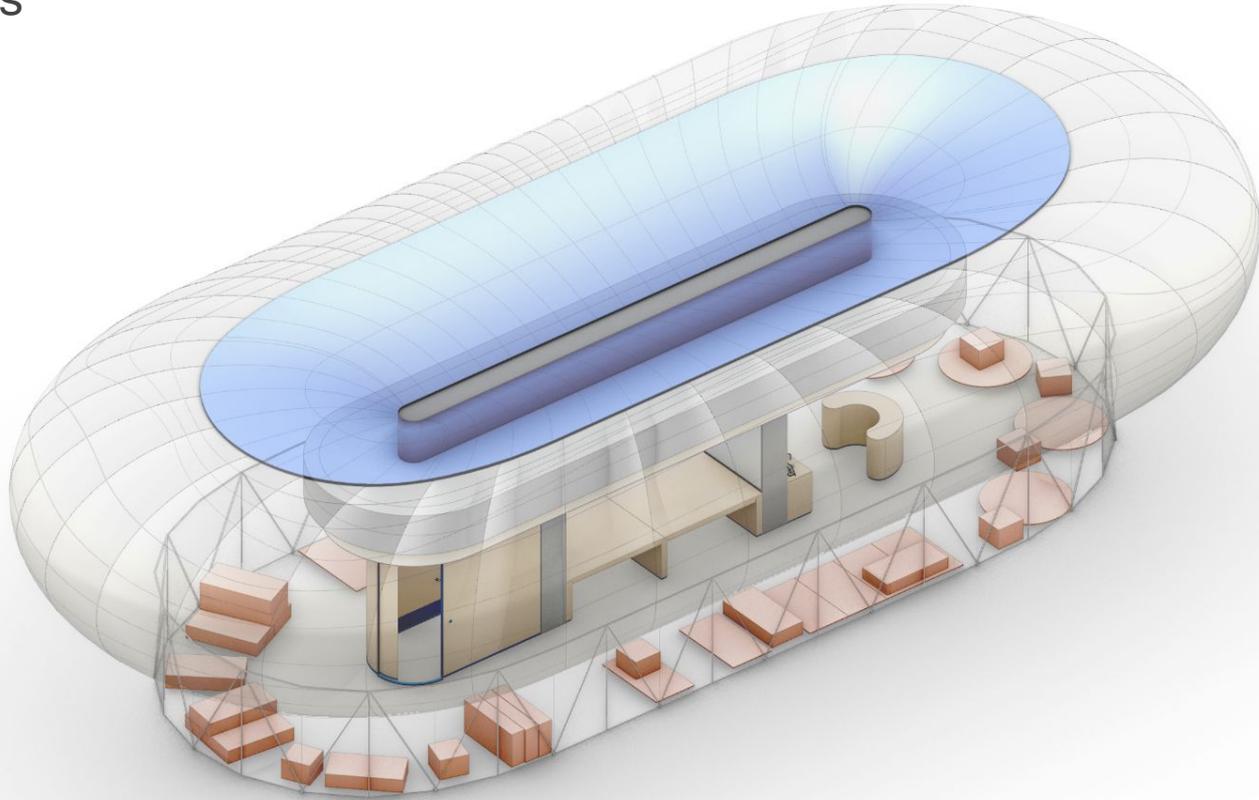
Cost:
\$3.14/sq.ft

Total Cost:
\$3,542

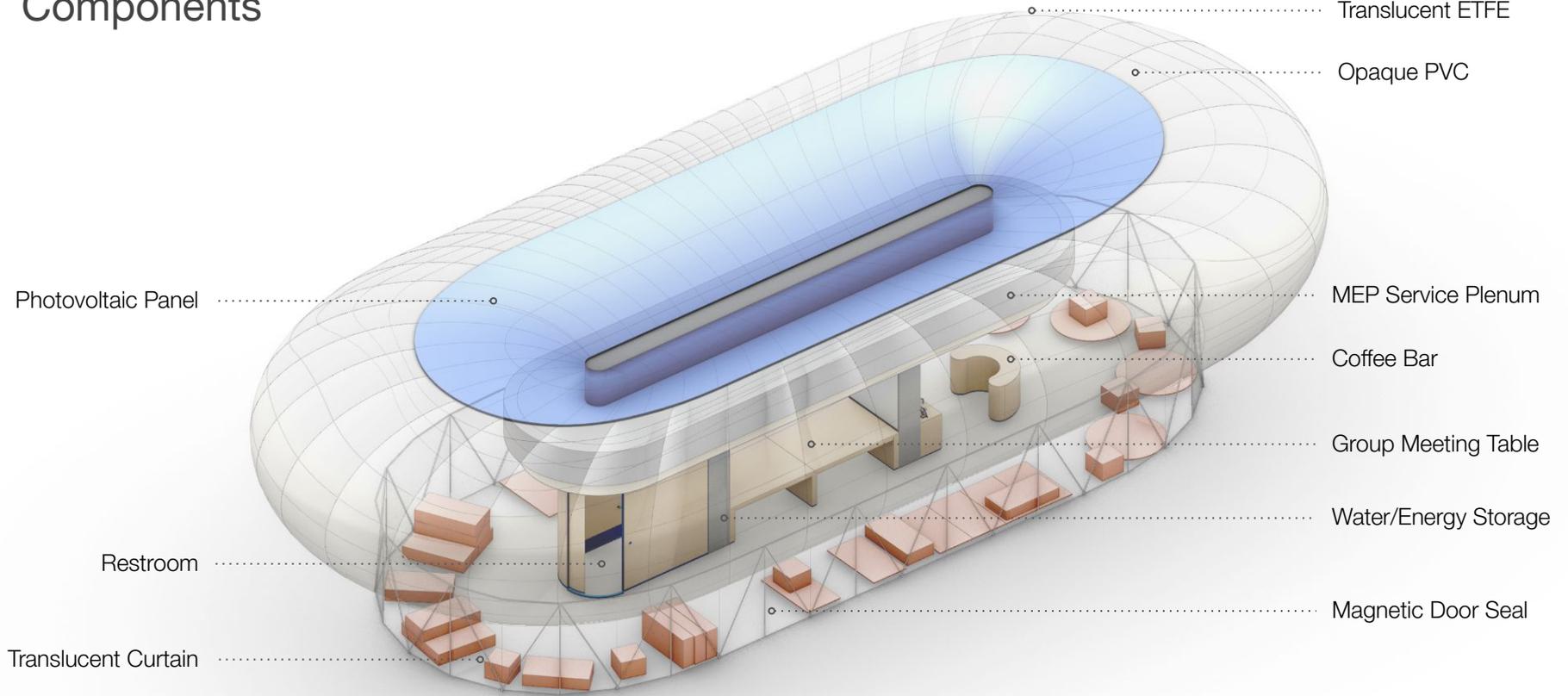
Work Station



Components

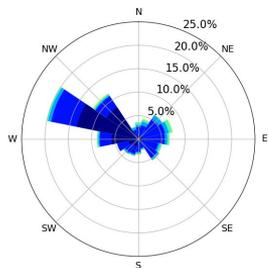
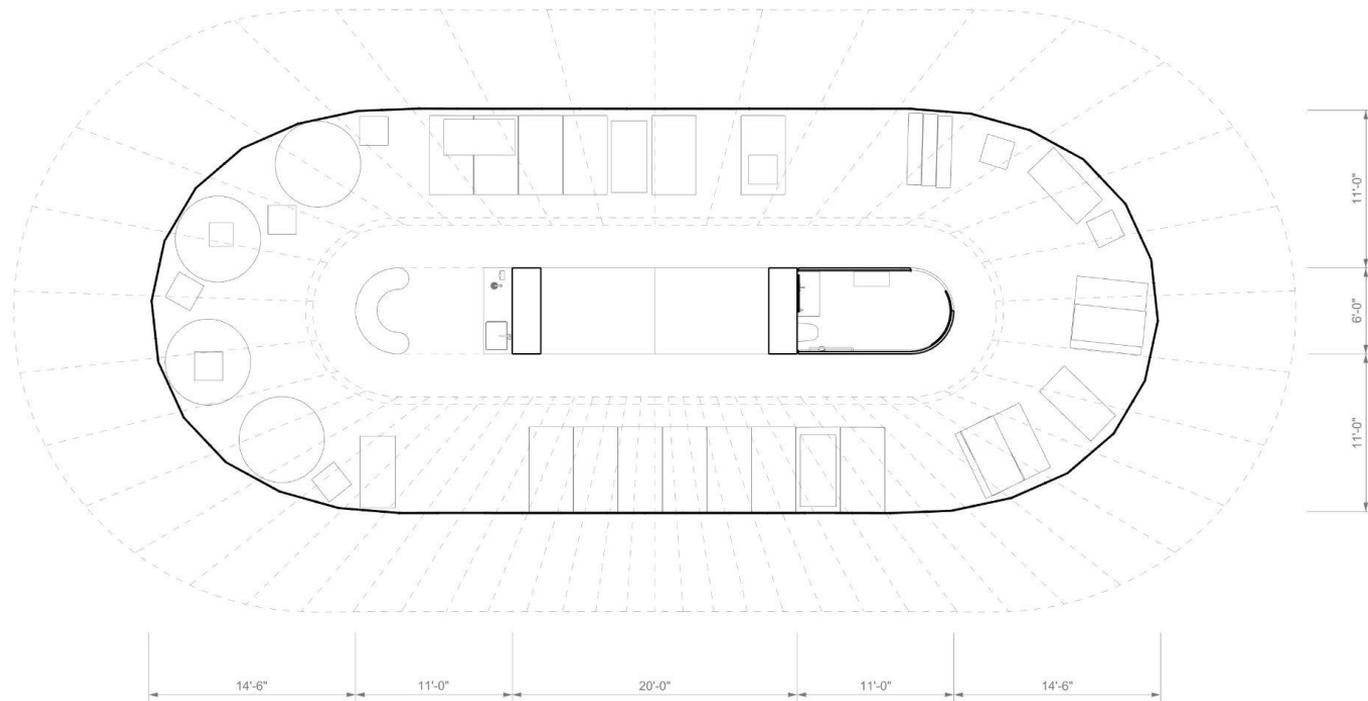


Components



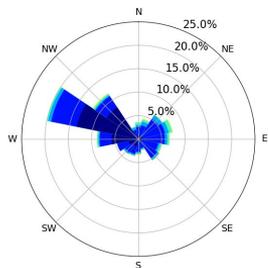
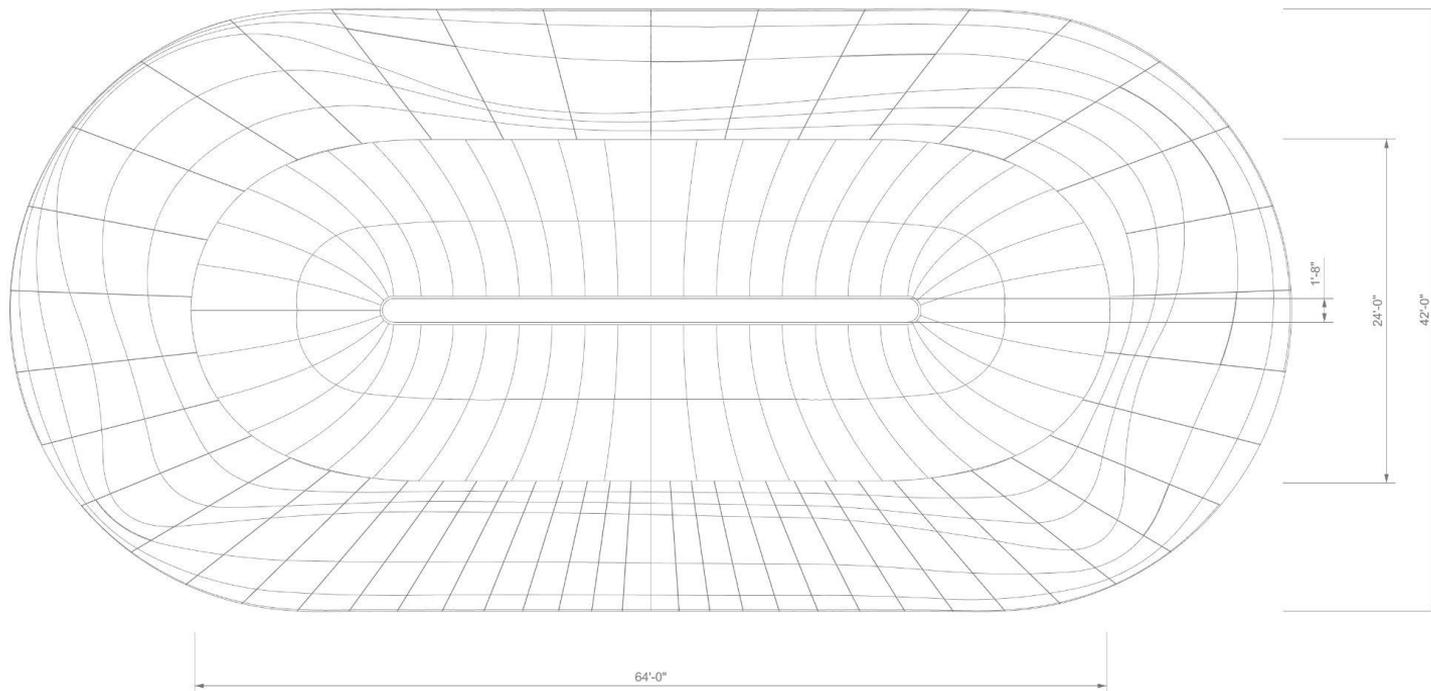
Dimensions

Ground Plan



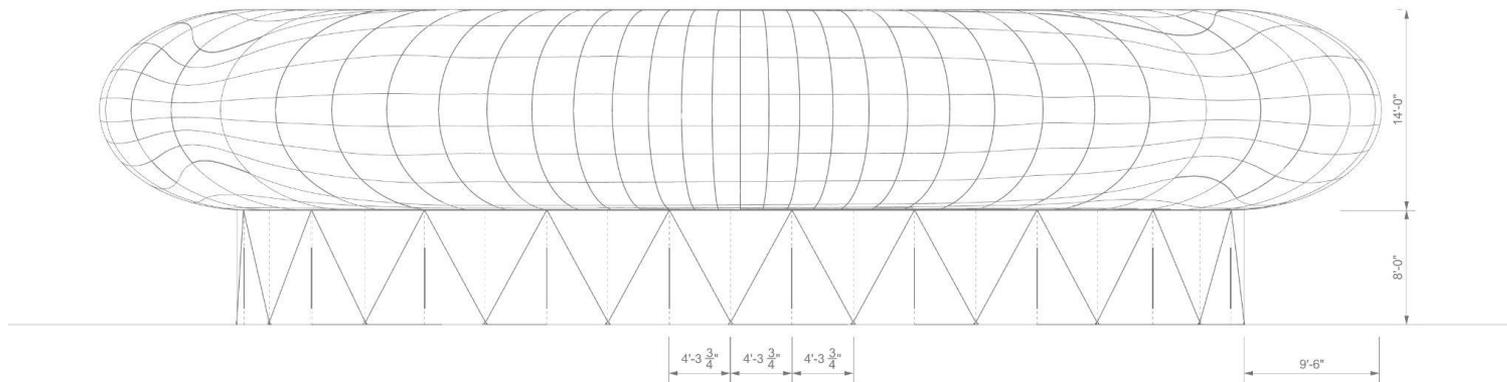
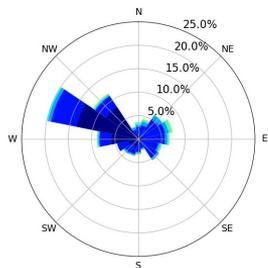
Dimensions

Roof Plan



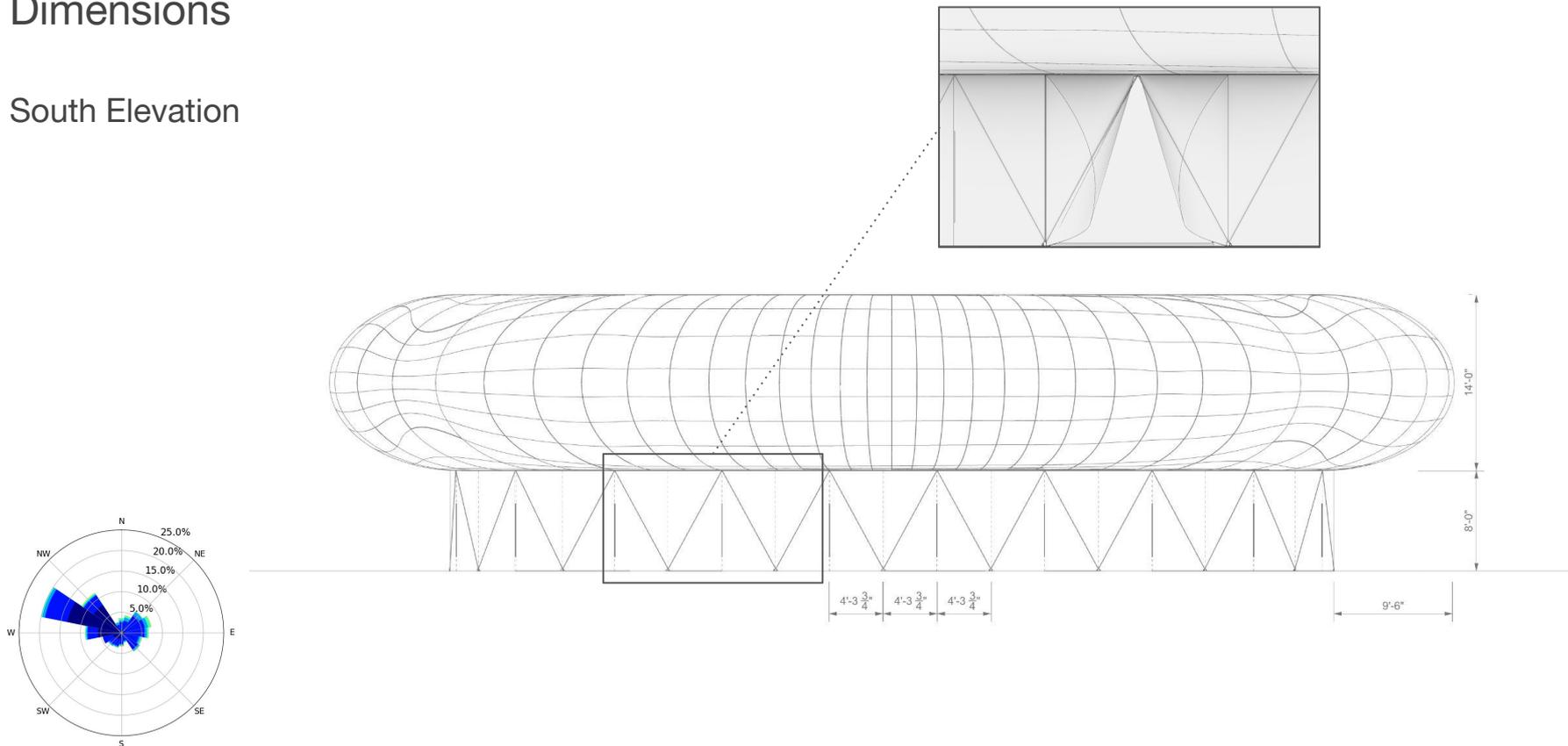
Dimensions

South Elevation



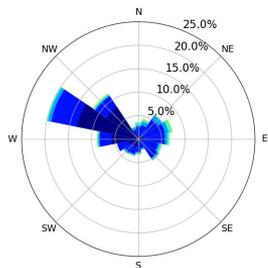
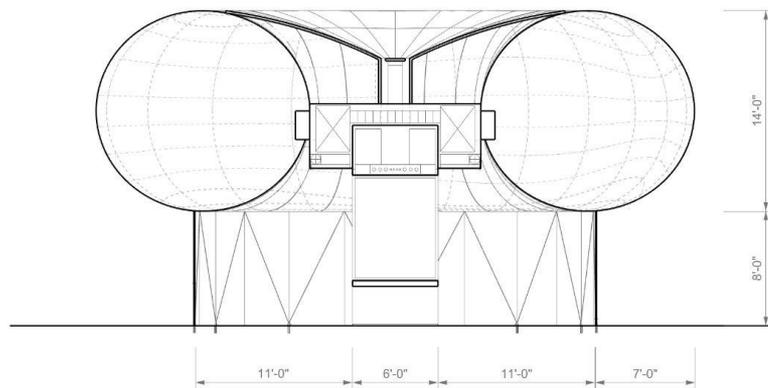
Dimensions

South Elevation



Dimensions

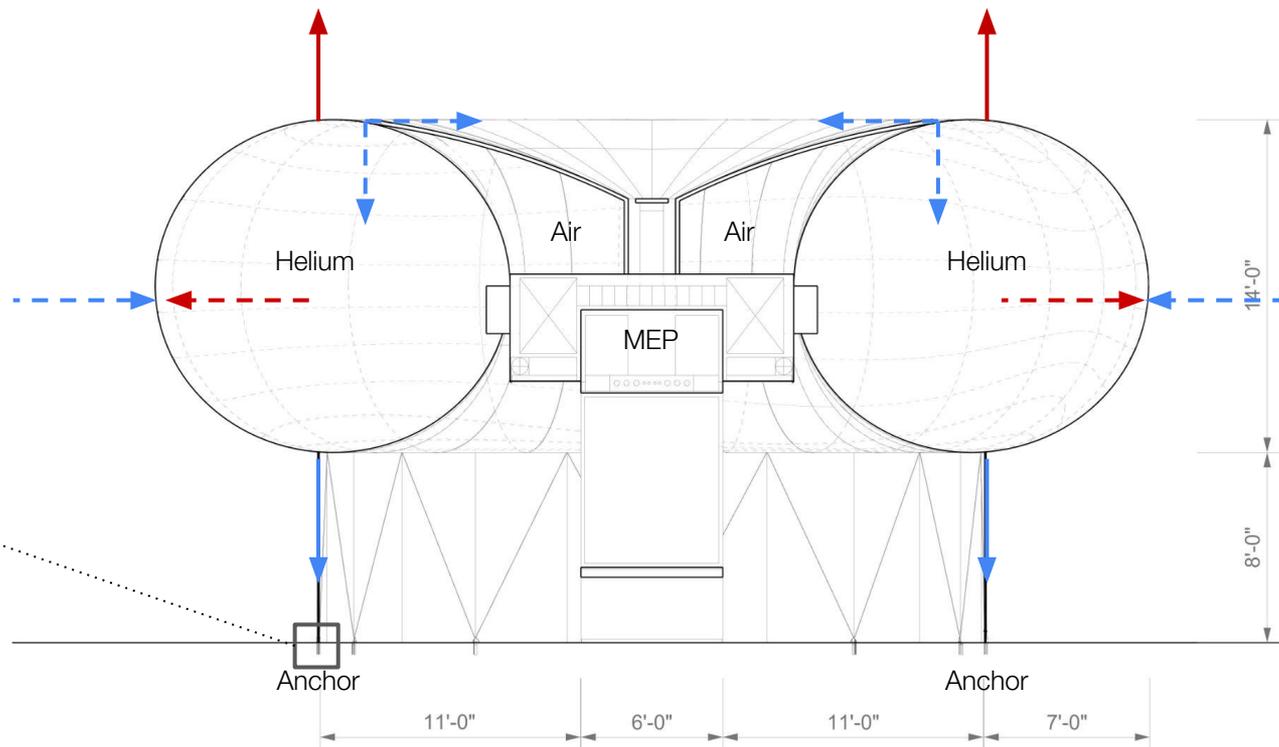
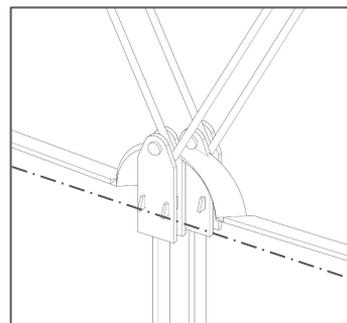
Cross Section (Facing East)



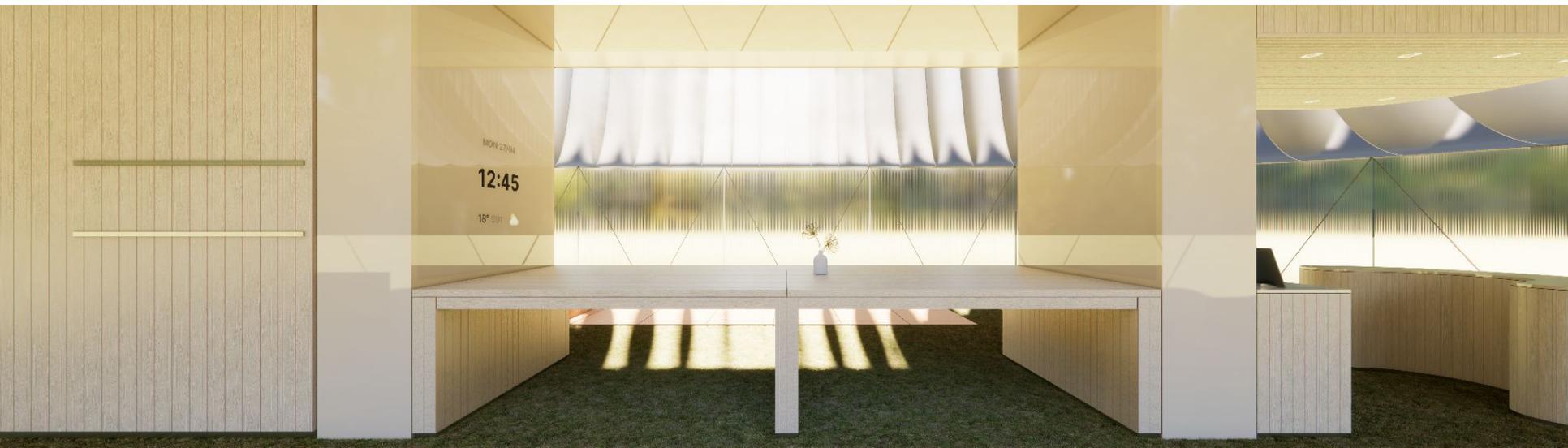
Dimensions

Cross Section (Facing East)

Anchor



Work Environment



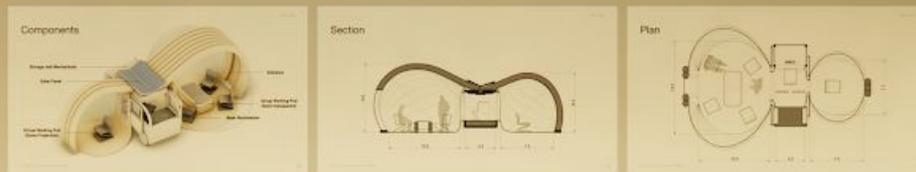
Work Environment

Coffee Bar



Work Environment

Boardroom



Work Environment

Restroom



MON 27/04

12:45

18° OUT ☁



LightWork

A futuristic mobile office pod, primarily yellow with white accents, is parked on a paved overlook. The pod has a curved, tunnel-like entrance and a solar panel mounted on its roof. A person is standing nearby for scale. In the background, there are rolling green mountains under a clear blue sky. To the left, a large white, rounded structure is partially visible.

Thank you.