



The image is a architectural rendering of a modern outdoor market or event space. The structure features a series of white, translucent, arched canopies supported by a steel frame. The canopies are arranged in a staggered pattern, creating a sense of depth and light. The space is surrounded by tall, slender birch trees with white bark and green leaves. In the foreground, there is a grassy area with several white lounge chairs and small tables. Several people are walking or standing under the canopies, appearing as small figures against the large structures. The background shows more trees and a clear sky.

THE CLOUD MARKET

THE CLOUD MARKET is a portable, modular canopy of clouds that creates a flexible series of subdivided spaces under a one inviting identity.

It is an architectural expression that combines the digital definition of a "Cloud", where people go to connect and find information, with the symbolic idea of a cloud as a symbol of dreams and potential. The Clouds are modular and can be arranged in a variety configurations to form what looks like a market.

The word "Market" has multiple meanings and refers to a farmers market or as in this case, the job market. But in all cases, a Market is a place where you go to find the things you need and a place where everyone is welcome.

The Clouds are built with "ribs" cut from transparent polycarbonate and are lined with clear, corrugated-fiberglass that forms the ceiling and a water-tight roof. The materials are lightweight, inexpensive and fastened together with metal clips and screws. The Clouds rest on a system of galvanized steel beams and columns bolted together, with cables strategically placed for cross-bracing. Additionally, detachable, transparent-plastic curtains can be used to create "rooms" within the Clouds for a higher degree of weather protection and sound isolation.

To maximize the impact of the Cloud market, the larger module is tailored to the dimension of the entrance to the interior location and can be placed there for weather protection and as an orientation symbol seen from the park, making it comfortable and easy for people to find their way.





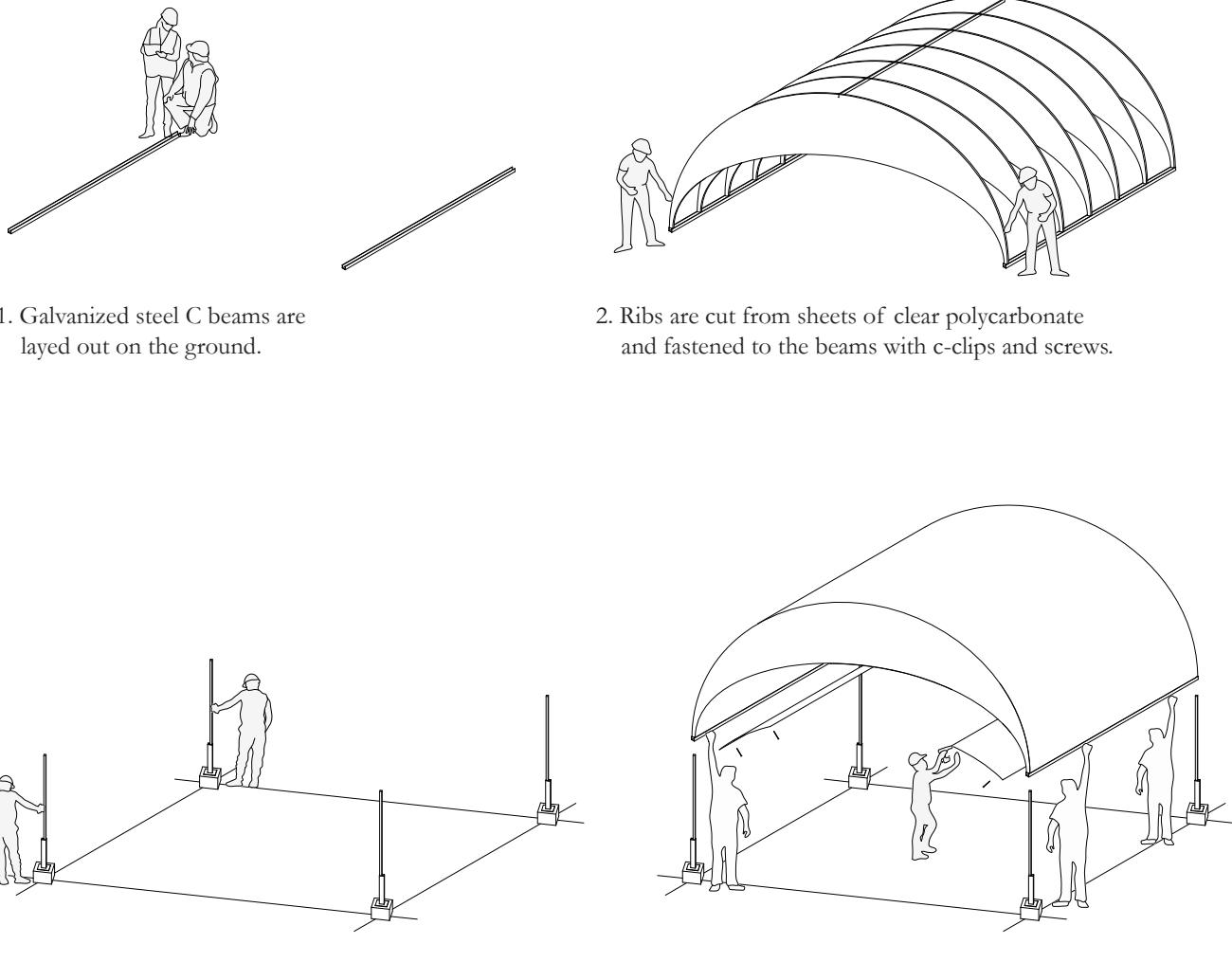
Materials and Assembly

Budget Cloud 1: 4,350 USD

7 Polycarbonate Panels (3.5x5.4m) =	3,260
14 Corrugated Panels (1.1x5.0m) =	900
4 Foundation Blocks =	40
Columns, Beams and X-Bracing =	200
Clips, Screws and Bolts =	50

Budget Cloud 2: 2,890 USD

7 Polycarbonate Panels (3.5x3.2m) =	2,100
13 Corrugated Panels (1.1x3.0m) =	500
4 Foundation Blocks =	40
Columns, Beams and X-Bracing =	200
Clips, Screws and Bolts =	50



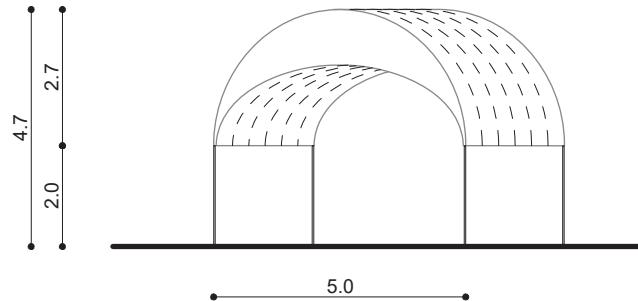
3. Clear corrugated fiberglass sheeting is fastened to the ribs in overlapping panels creating a water-tight roof.

4. Galvanized steel hollow-core columns (50cm tall-100x100mm) are secured to foundation blocks (buried if possible). Smaller columns slide into the larger hollow-core columns and are bolted together in groups, depending on the configuration of the Clouds.

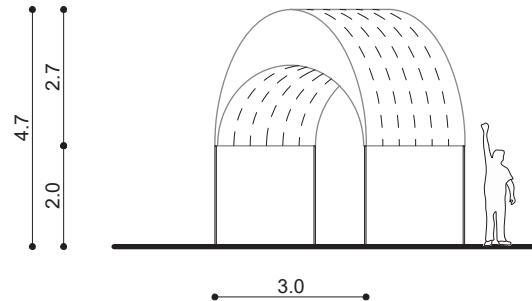
5. The Cloud is lifted and the beam is secured to the columns until ,at last, the corrugated fiberglass sheets or "silver lining" are added to the under-side of the Cloud.

Plans and Elevations 1:150

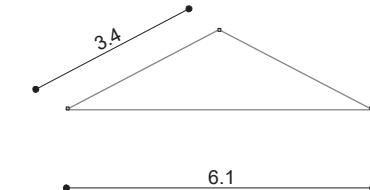
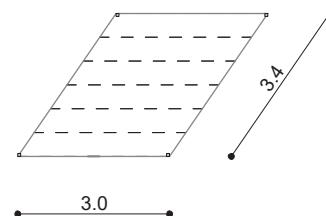
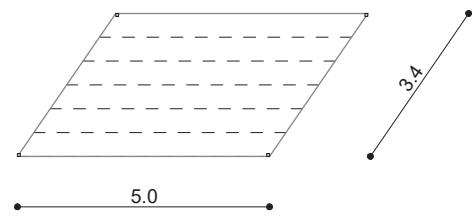
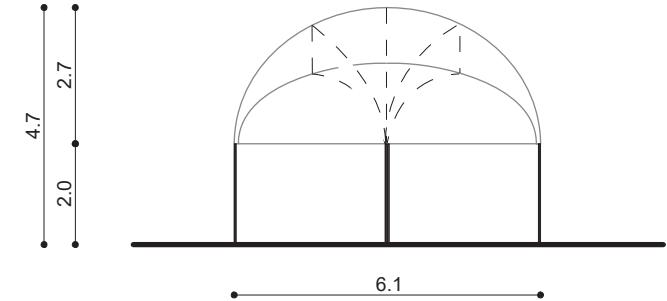
Cloud 1: 4,350 USD



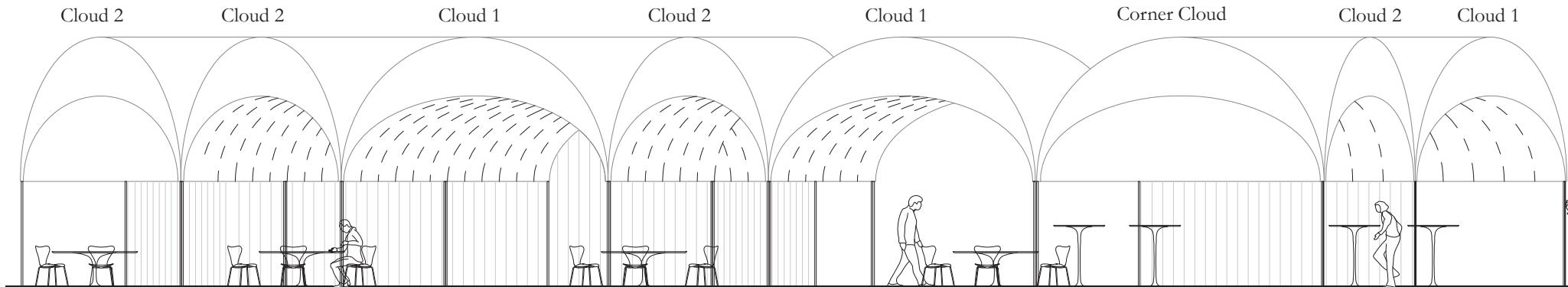
Cloud 2: 2,890 USD



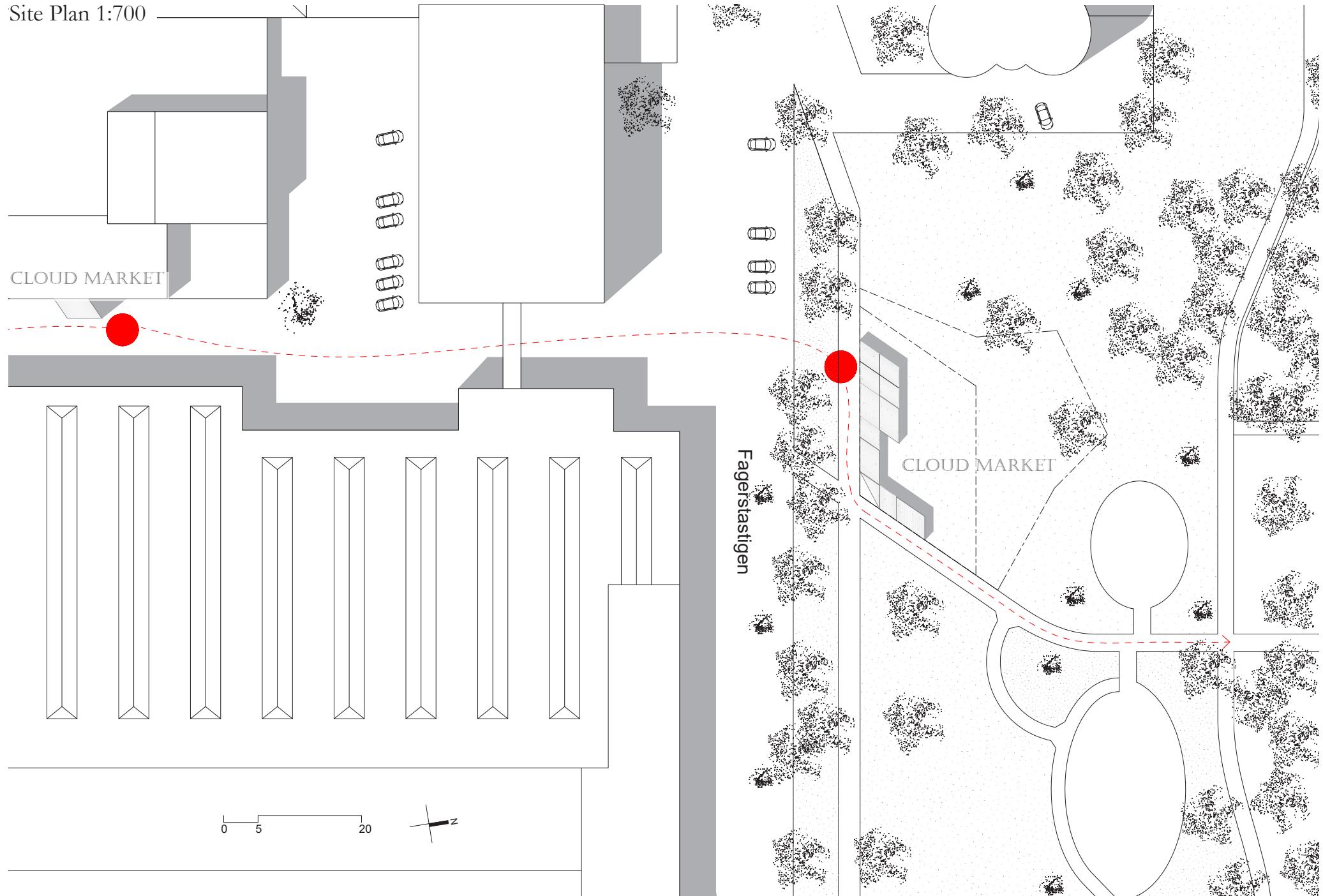
Corner Cloud: 1,800 USD



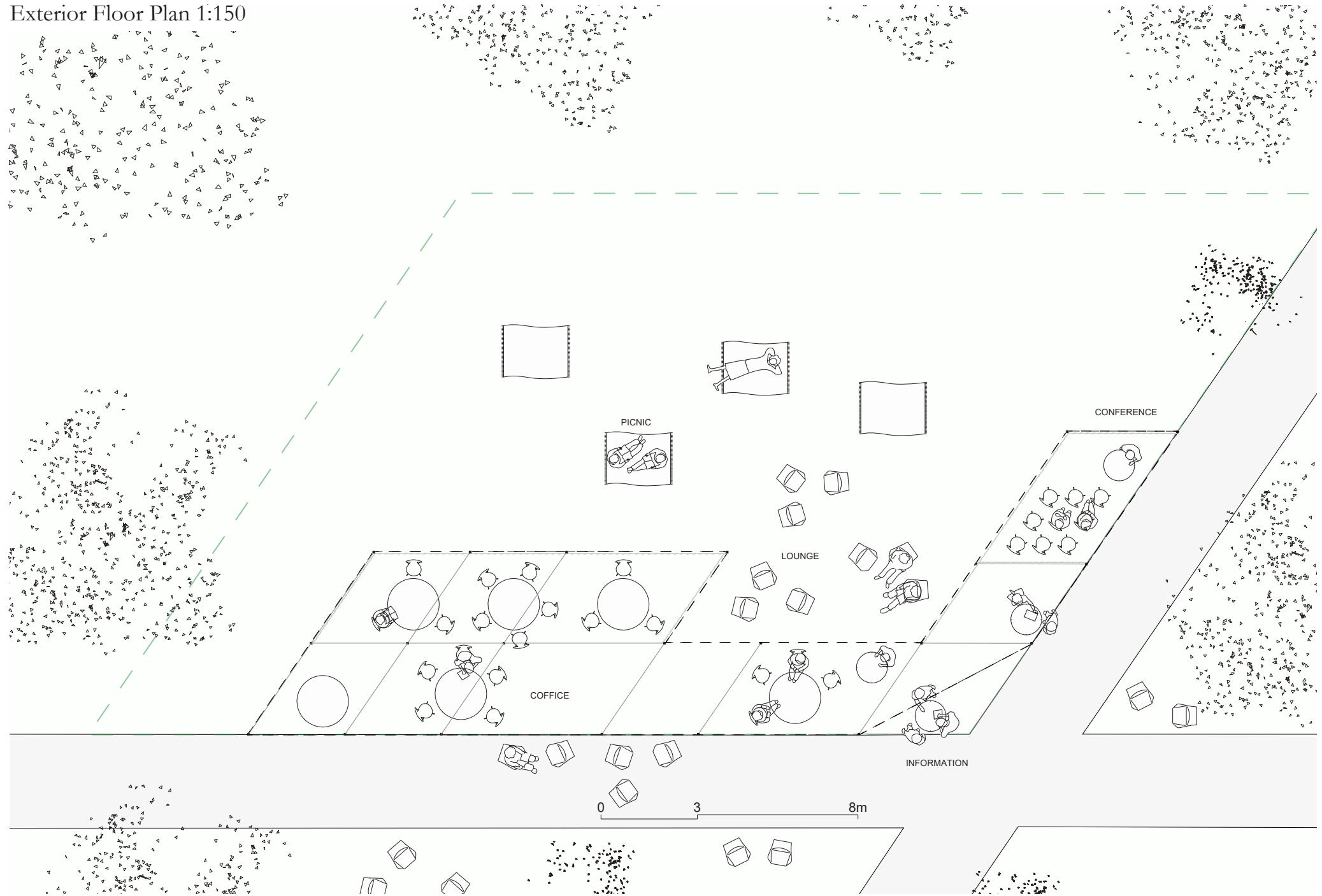
Modules and Configuration: 26,160 USD



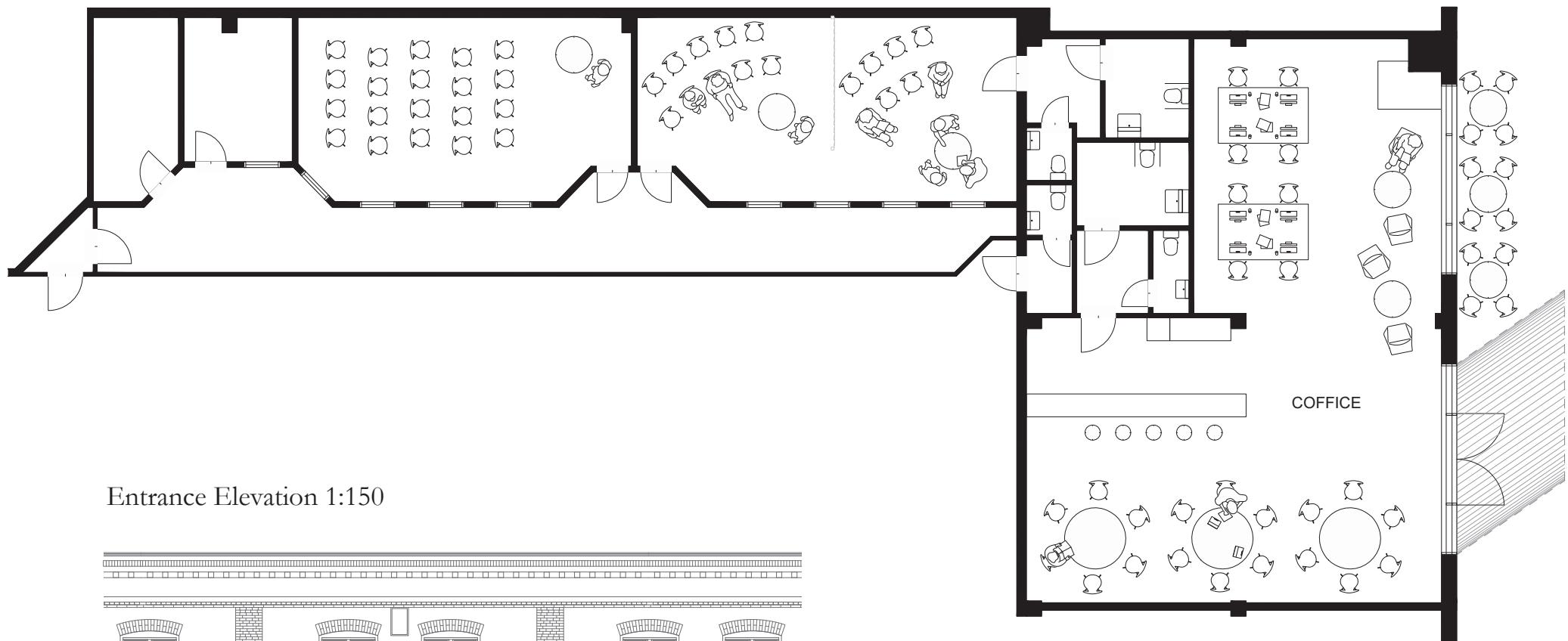
Site Plan 1:700



Exterior Floor Plan 1:150



Interior Floor Plan 1:150



Entrance Elevation 1:150

The number of Clouds can be adjusted to the final budget of the project. Materials for 6 Clouds ($82m^2$) can be purchased for 20,000 USD leaving 5,000 USD to furnish the interior. The goal is then to find supplement funding to build as many clouds as humanly possible so that we can fill the world with dreams and potential.



Reference Projects



Inflatable Pavilion: Team member designed the pavilion from concept to construction.



Private Home: Team member designed the pavilion from concept to construction.