

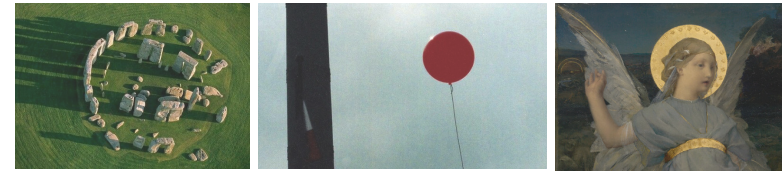


Floating Ring

A large white circular inflation ring floating in the clearing of the jungle.

It is neither too high nor too low, just within reach yet hard to touch, making one naturally want to walk underneath it, as if it were a room without a roof.

People are drawn to it and gather around. The space beneath the ring becomes a natural social hub, where people meet, their gazes intersecting as they look up together, and the barriers between strangers are easily broken down. Various activities spontaneously emerge here: friends meeting up, children playing, impromptu concerts, and pleasant picnics.



Floating Ring

Looking down from the sky, this pure white ring stands out prominently in the lush green park, resembling an "angel halo" bestowed upon the entire green space.

It is hoped that the circular ring can become a "social trigger", using its unique form to clearly convey to people: "Stay here, communicate here, and let something interesting happen here", making it a beautiful and unique landmark in the park.



Perspective view



Calculation
The balloon uses 0.14mm PVC membrane, filled with helium gas. The following calculation is for the buoyancy of the balloon in air.
Surface area of the balloon = 55m^2 Balloon volume = 9.1m^3
The self-weight of balloon = (surface area * material thickness) * PVC density = $55\text{m}^2 * 0.14\text{mm} * 0.97\text{g/cm}^3 = 7.47\text{kg}$
Buoyancy = (Density of air - Density of helium) * Volume of balloon = $(1.29\text{kg/m}^3 - 0.17\text{kg/m}^3) * 9.1\text{m}^3 = 10.20\text{kg}$
75% helium gas and 25% air will make the balloon float!