



The Ideagram

The first visualization of the "Nubes" concept. At this stage, the function and effect of the sculpture have been determined, but the details are yet to come.

Design Development Meetings

Although the early phases of the design process were done individually, key developments occurred when the group converged to discuss progress and problems.

Site Visit

Our first visit to Castañer was important to my understanding of the scale of the space relative to the Nubes design, planting the seeds for later alterations.

Construction Preparation

Back at the Fab Lab at PUCPR, we took stock of available tools and materials and planned construction strategies.



Building the Mold

The first step in the construction process was to build the mold into which each aluminum piece would be pressed. Collaboration was crucial to overcoming issues with the mold.

Cutting Aluminum

Using a CNC router and a jigsaw, we cut out the 118 aluminum squares which would make up the Nubes.



Building the Nubes

After cutting and folding the aluminum, we brought the sheets to Castañer to piece together and shape them on the plaza. The students from PUCPR were crucial in this process.

Unexpected Testing

While building in Castañer, the real clouds opened up with a torrential downpour, offering us the opportunity to hear the Nubes in action.



Test Installation

The breakage of a key component in the over-stage installation broke ended up being a blessing in disguise, forcing us to install the Nubes between trees, a superior arrangement.

Final Installation

Although I had to leave on Saturday night, the highly capable team that stayed completed installing the Nubes the next day.

Between the Trees

Finally installed, the Nubes' visual character works at several levels. Behold them in their beauty!

Improved Scale

Suspending the Nubes between trees, instead of over the stage, solved a number of problems, but most importantly allowed them to operate at a scale that connects better with the space.



Building Nubes in Castañer

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