

Ground Works

Anthology ASEAN Festival

Stewardship Over Time

A Design Process Booklet



RE:EDGE

In partnership with

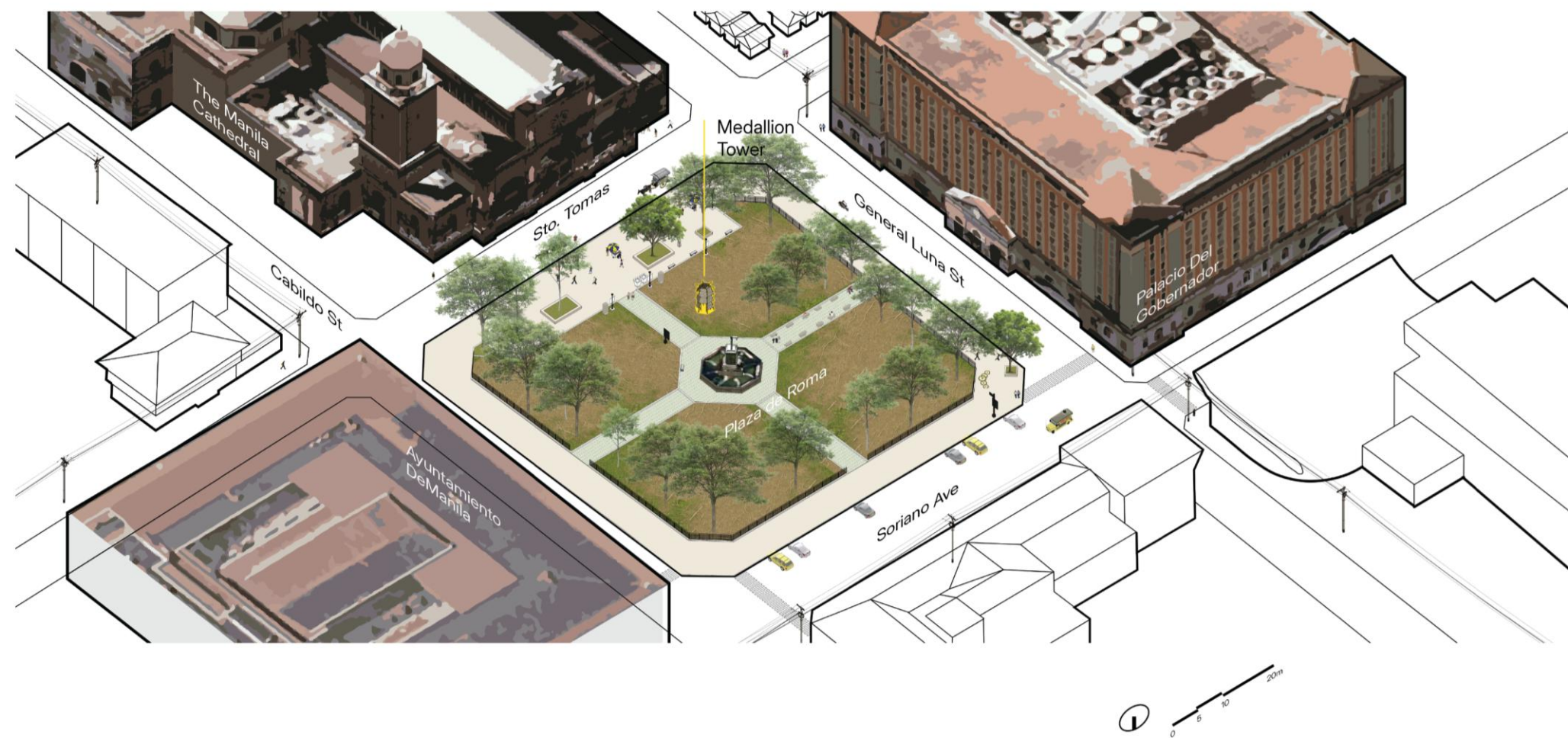


Site Plan

Intramuros is Manila's historic 0.67-square-kilometer citadel established in 1572 by Spanish conquistador serving as the center of Spanish colonial power. It means "within the walls" of walled city. The Walled city of Manila undergone centuries of resiliency, resisting invasions, earthquakes, and fires. Today, Intramuros' s Walled City remains as key tourist attractions and the center of it all is Plaza de Roma and the Eight Historic Churches of Manila that reflect centuries of care, resiliency and the continuous stewardship, with each generation preserving and renewing these places for those who follow. The site of Medallion Tower is where tourists and locals meet. Besides its rich heritage, shaded park with big trees, colorful local economy and birdlife provide layers of care toward urban ecosystems.



Site Surroundings



Design Inspiration

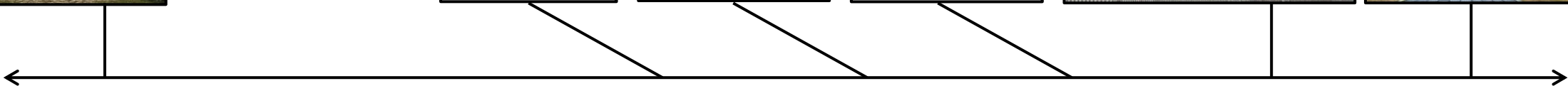
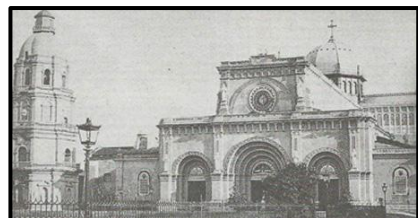
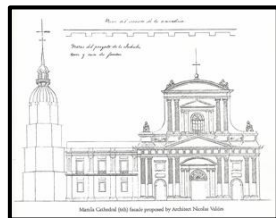
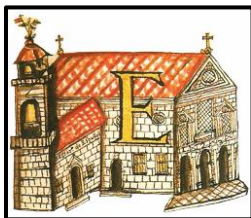
The yellow-colored steel tube structure adds vibrancy and local's presence of day-to-day's local economy such as food stalls, horse carts and tourists' transportation to the historical stoned façade of colonial architecture. This meeting point tower offer passerby with temporary resting spot to meet and to read about history, heritage and architecture.



Contextual Mapping

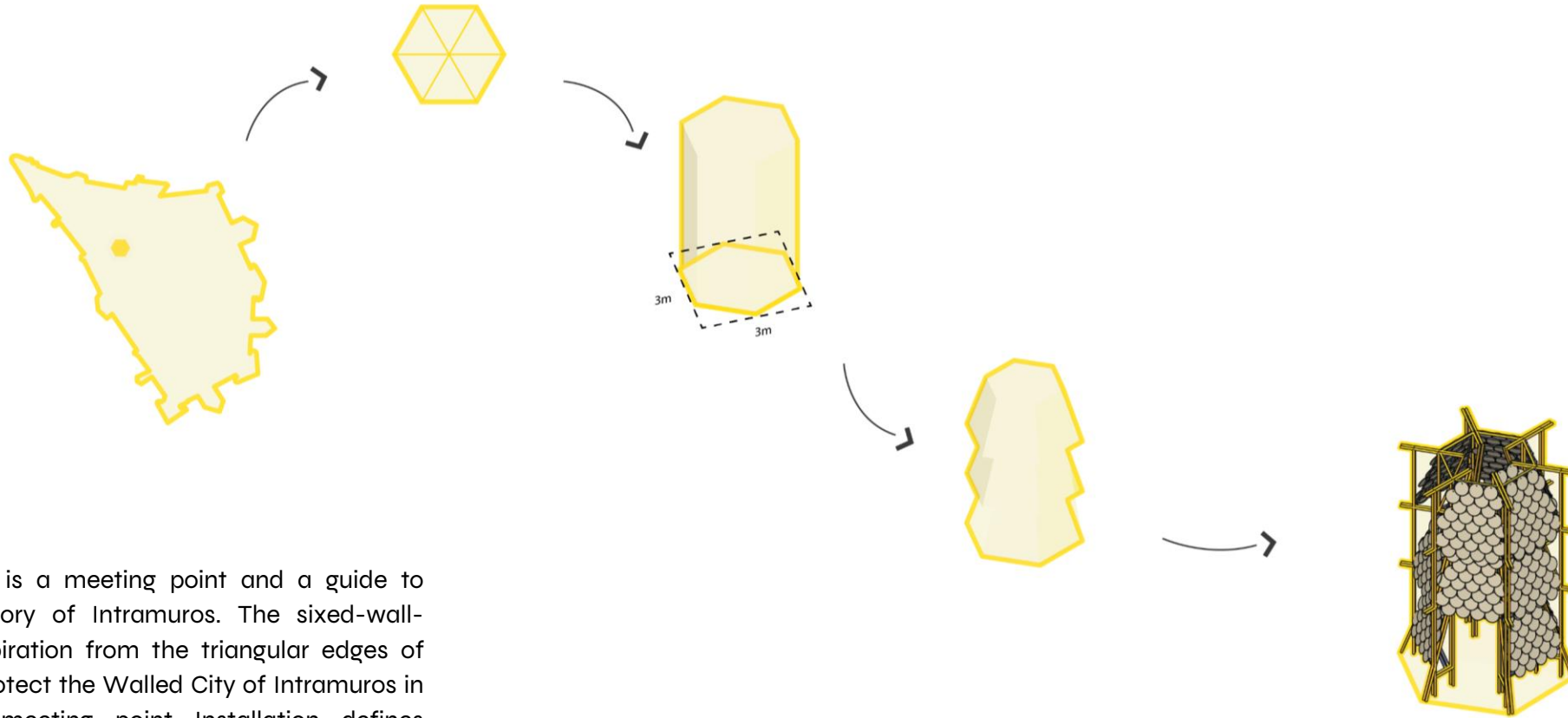
The 8 Churches of Manila Cathedral

The Eight Historic Churches of Manila reflect centuries of care and resilience. Rebuilt after wars, earthquakes, and fires, they stand as lasting reminders that heritage endures through continuous stewardship, with each generation preserving and renewing these places for those who follow.



	1st	2nd	3rd	4th	5th	6th	7th	8th
Materiality	Bamboo, wood and nipa	stone			Baroque stone masonry	Neoclassical stone masonry	Granite, Meycauayan stone, Guadalupe volcanic stone, brick, iron, galvanized iron, copper, molave	Reinforced concrete, steel, Roman travertine, Italian Carrara marble, bronze

Design Inspiration

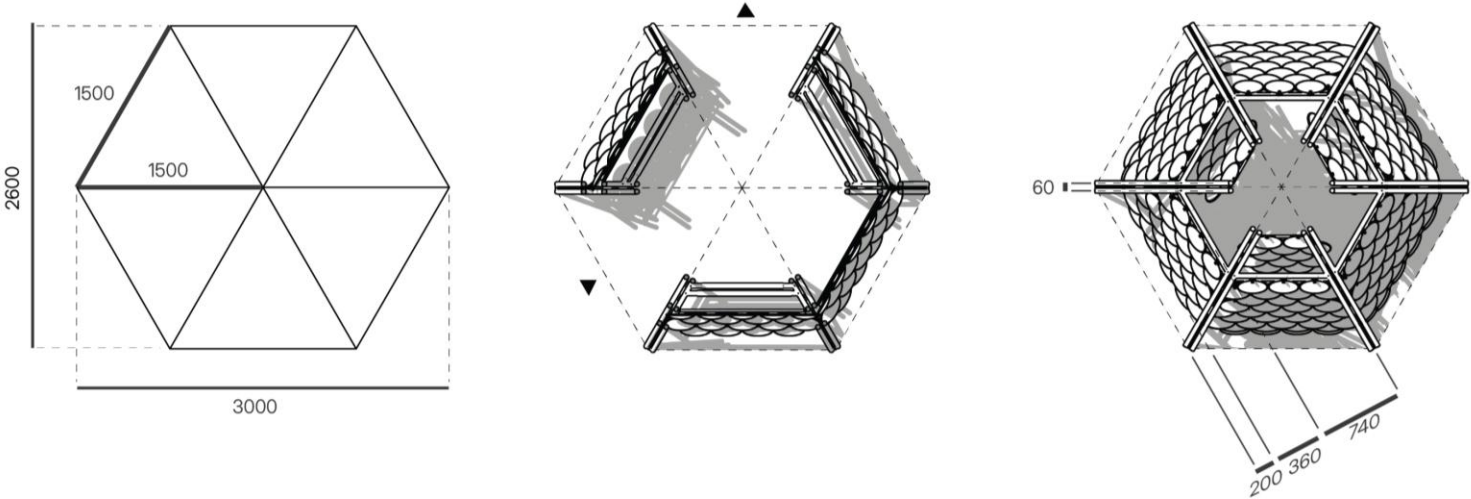


Medallion Tower is a meeting point and a guide to architectural history of Intramuros. The sixed-wall-tower draws inspiration from the triangular edges of fortresses that protect the Walled City of Intramuros in the past. This meeting point Installation defines stewardship of care over time not only in its historical value but also in its local craftsmanship in the making of the ceramic medallions.

“From Fortresses to Medallion Tower ”

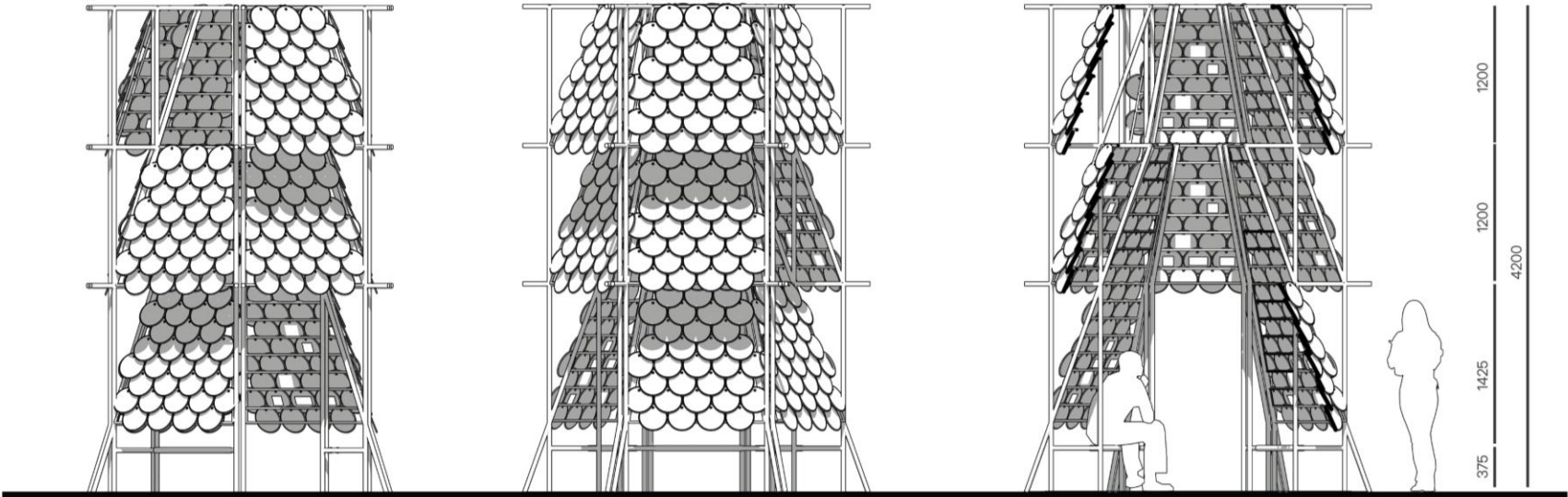
Medallion Tower

Width = 3 M
Length = 2.6 M
Height = 4.2 M



Materials

Ceramic Medallions Skin
Tube Steel Structure

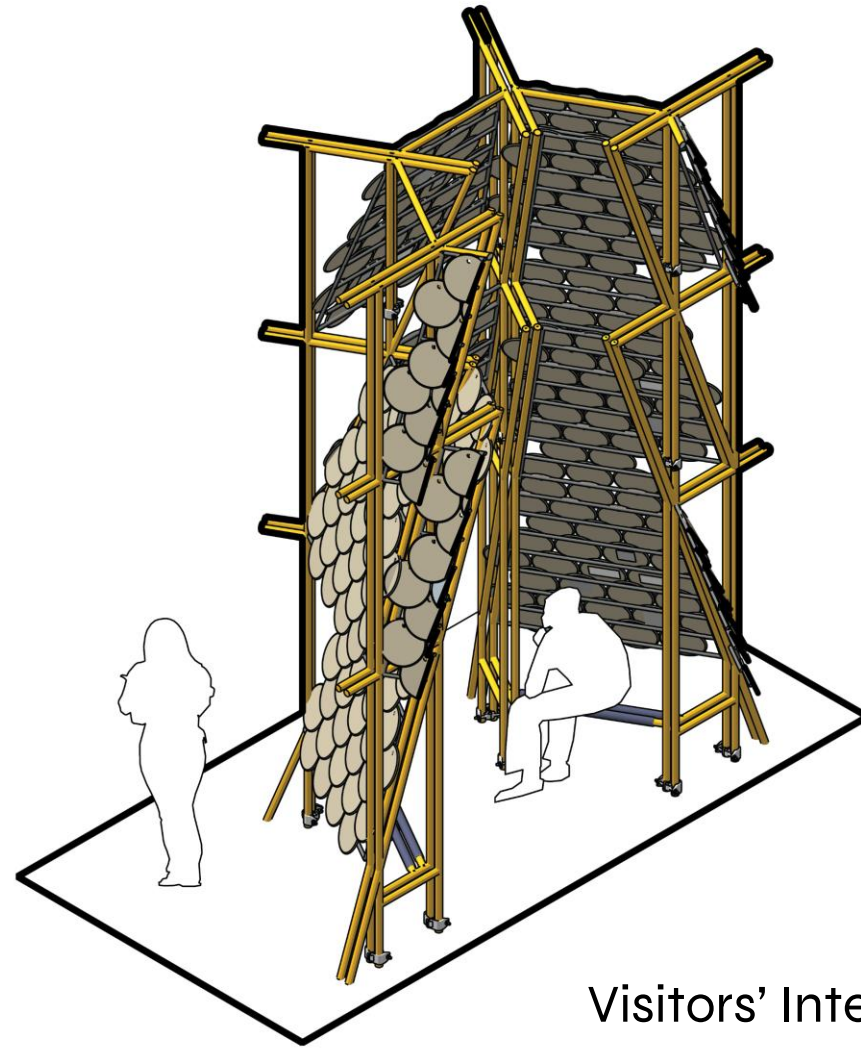


Medallion Tower

Width = 3 M
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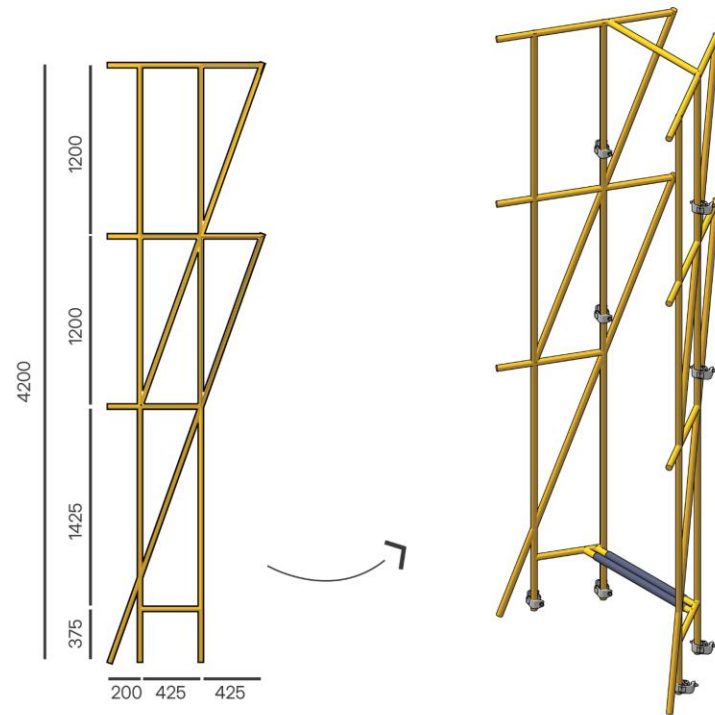
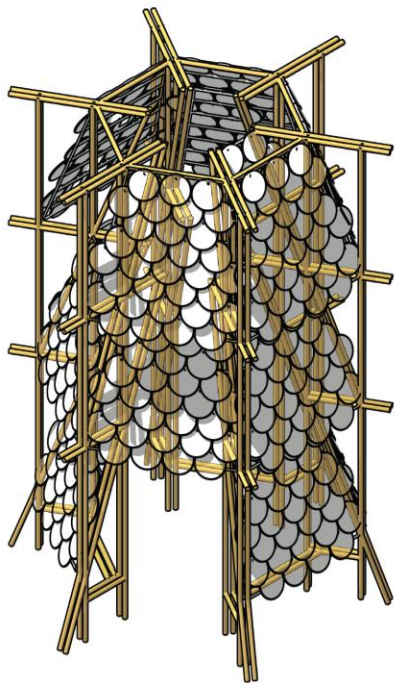
Materials

Ceramic Medallions Skin
Tube Steel Structure



Visitors' Interaction

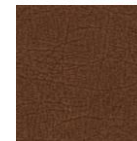
Structure



Tube Steel



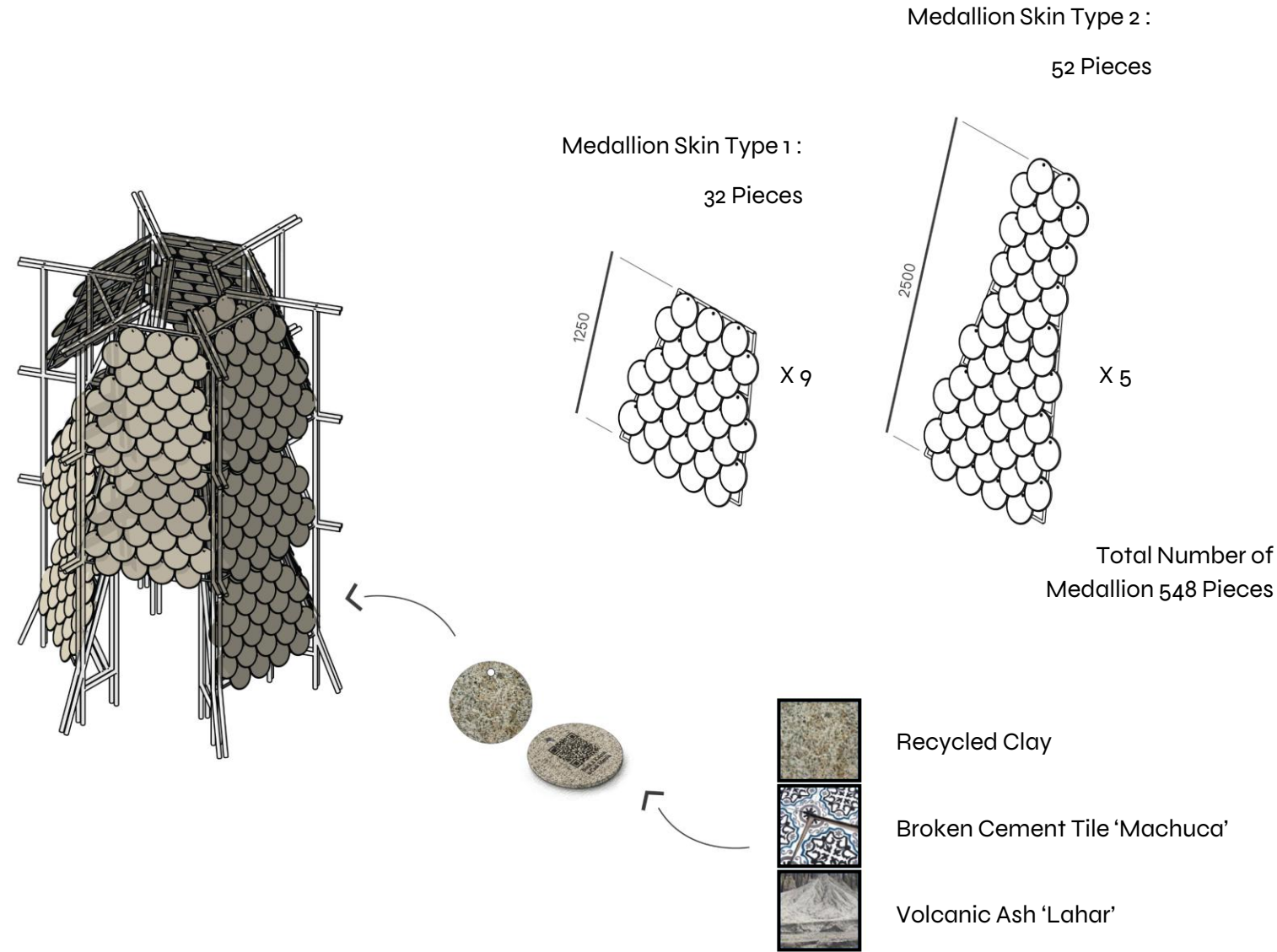
Scaffolding Coupler



Vegan Leather

(Pinapple/ Pinya)

Ceramic Medallion



Medallion Tower reflects on stewardship of care over time in five fronts:



Culture & Heritage:

Stewardship toward place, memory, and shared stories is reflected through the design of the medallion’s finish which reinterpret the Manila Cathedral’s stone and carved ornament into a contemporary modular system, preserving cultural memory through artisan craftsmanship and the passing of traditional skills.



Recycling & Construction:

Stewardship toward Materials through reuse and modular construction making resourceful and efficient. The recycling elements of the ceramic medallions are mixed of recycle clay, volcanic ash “lahar” and broken colorful Spanish cement tiles “machuca”.



Environment & Nature:

Stewardship toward climate, biodiversity, and living ecosystem is apparent in using less resources, open to nature, attracting people, local small businesses as well as local birdlife that thrive and benefiting from this new meeting point.



Craft & Community Engagement:

Stewardship toward local craftsmanship and collective making is also reflecting in the making of the recycle medallions that support and improve the local artisans.



Education:

Stewardship toward knowledge sharing and intergenerational learning through the selection of medallions to feature key historical facts for visitors to read, while others serve as invitations to participate by leaving a sketch on the pavilion, encouraging reflection and shared expression.

Prototyping Process: Ceramic Medallions



1

Ceramic with lahar aggregate, finished to reflect the historic masonry language of Intramuros, with a subtle gloss that enhances its texture and material depth.

2

Ceramic with recycled tile aggregate, creating a distinctive textured finish that celebrates material reuse

3

Ceramic with recycled clay with lahar, textured to echo the historic masonry character of the Manila Cathedral and Intramuros.

Prototyping Process: Ceramic Medallions



Prototyping Process: Ceramic Medallions



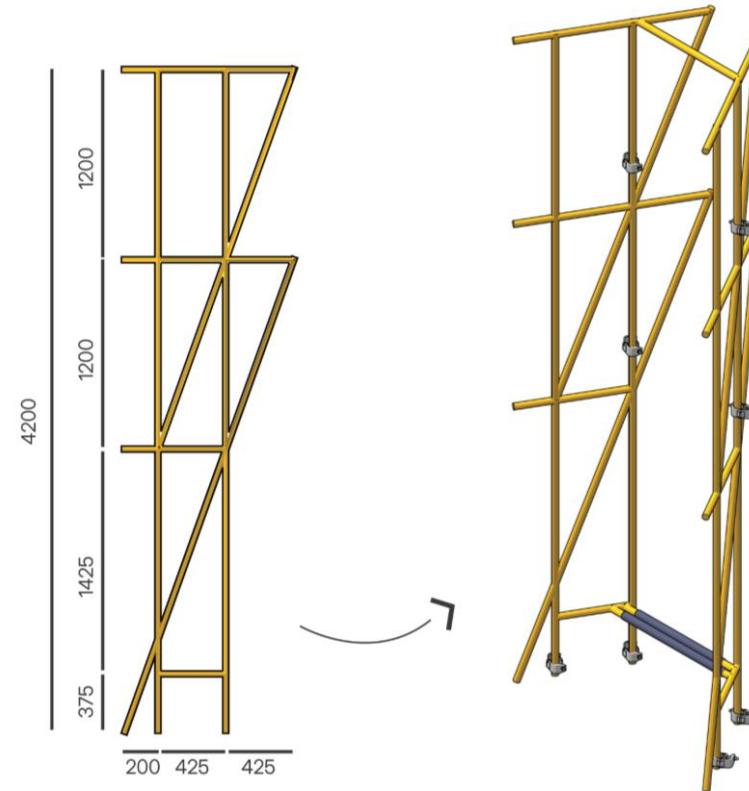
Our prototyping shows that incorporating recycled tile fragments into the ceramic, results in cracking and breakage during firing. Given the project timeline and the volume of medallions required, further development and production of this material would not be feasible within the available timeframe.



We then found that using recycled clay with lahar yielded significantly better results in terms of both structural integrity and production efficiency. Based on these experimentation, we proceeded with a singular type recycled-clay with lahar composition for the ceramic medallions.

Prefabrication

The steel structure is designed to be collapsible and prefabricated off site for ease of installation at the Plaza Roma site. It can be disassembled into compact components, allowing for efficient transportation from the workshop to the site.

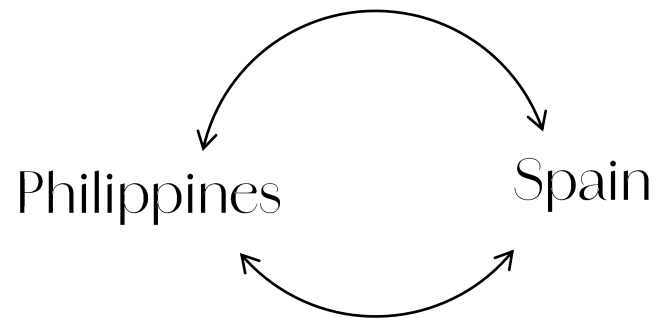


Vegan Leather (Piñatex, Pineapple Leather)



The pavilion incorporates the subtle use of vegan leather, specifically pineapple leather or Piñatex.

This innovative material carries a story of natural fibers, sourced and processed into a leather base in the Philippines, then colored in Spain before returning to the Philippines. This circular journey reflects the enduring cultural and creative connection between the Philippines and Spain, a relationship that is also deeply embedded in the heritage and architecture of Intramuros.





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