



J A I M E P E Ñ A S T U D I O





HUMMINGBIRD TEMPLE  
Juquitiba, Brazil





FLOWER OF LIFE HOUSE  
Nosara, Costa Rica





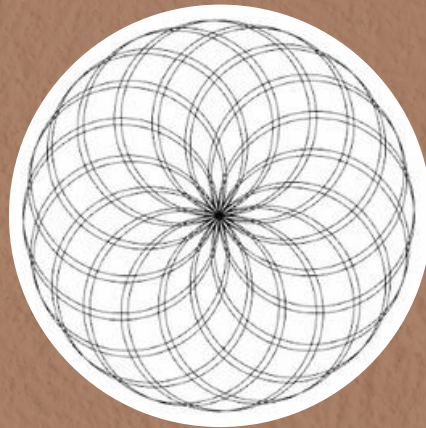
GREEN SCHOOL TULUM  
Tulum, Mexico

## UNIVERSAL GEOMETRY

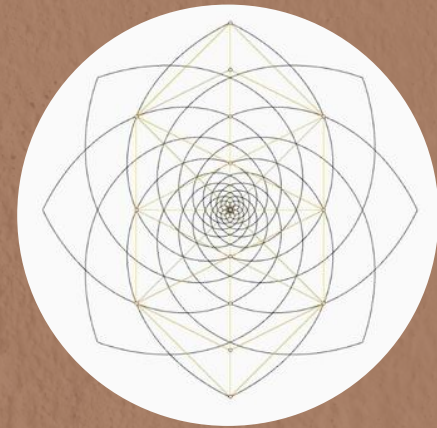
*Some geometric guides that organize and give shape to our architecture.*



*FLOWER OF LIFE*



*SPIRAL TORUS*

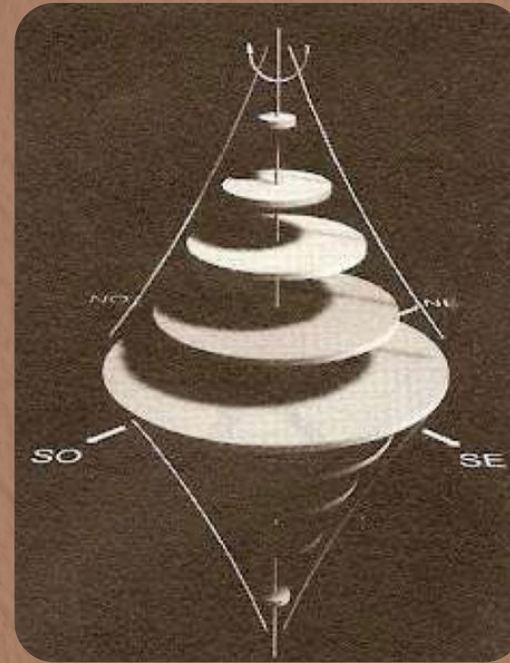


*KRYSTAL SPIRAL*



## ANCESTRALITY

*The territorial planning of the Kogui communities in the Sierra Nevada de Santa Marta, Colombia, inspires our architectural approach. Their harmonious relationship with the environment guides us in designing sustainable spaces that respect cultural identity and promote the efficient use of local materials.*



*Kogui Cosmology – A graphic representation of the understanding of the cosmos according to the Kogui cultures in the Sierra Nevada de Santa Marta, Colombia.*





BAMBOO



STONE



LIME



WOOD

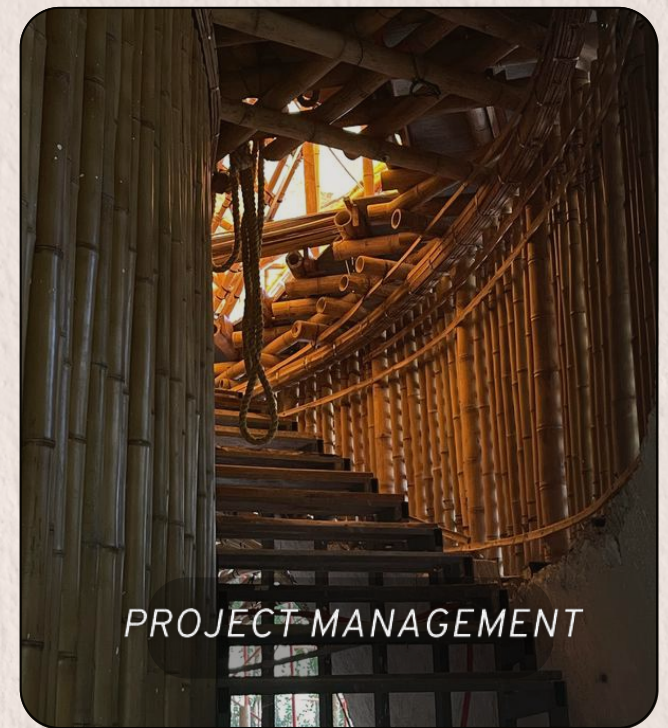


NATURAL  
FIBERS

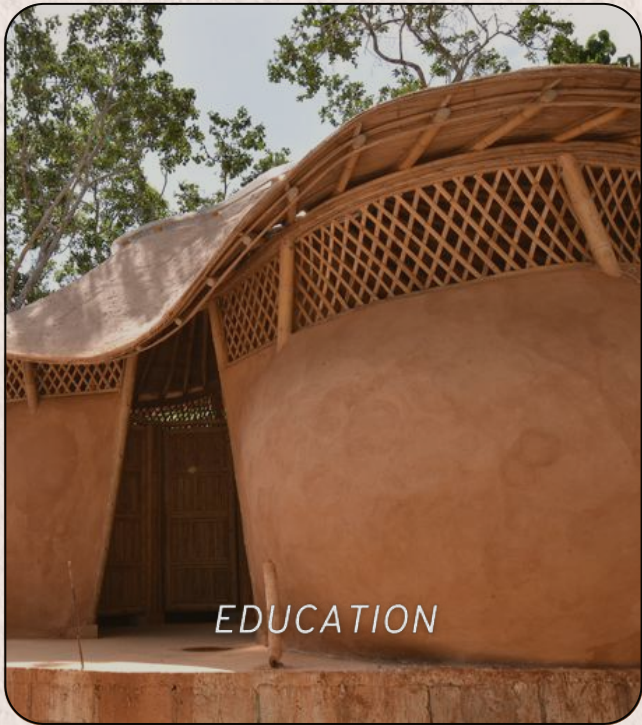


EARTH

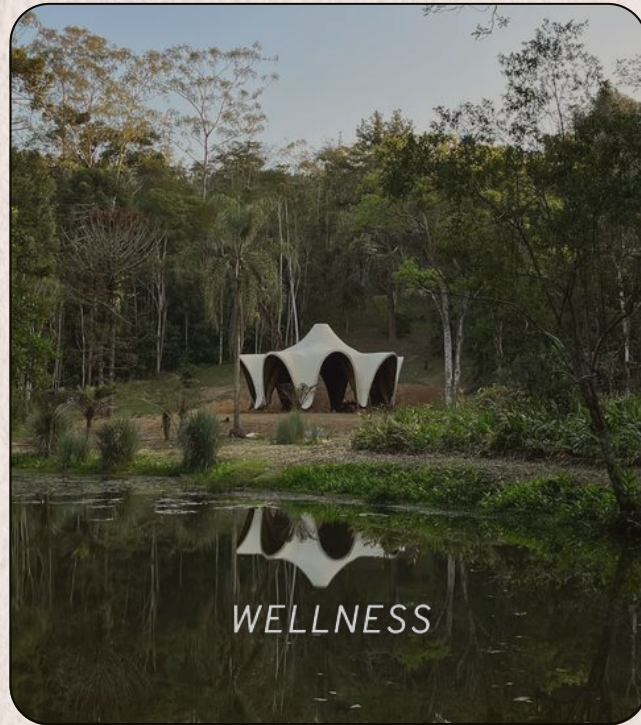




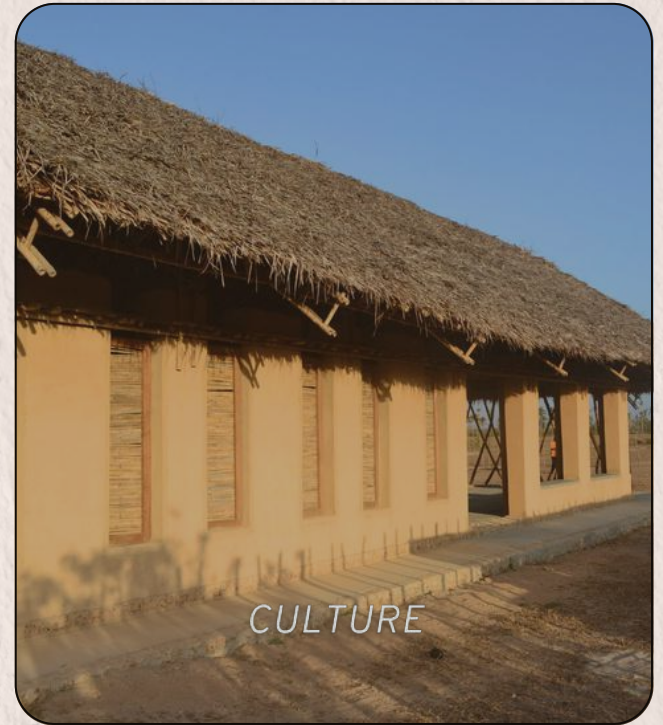




EDUCATION



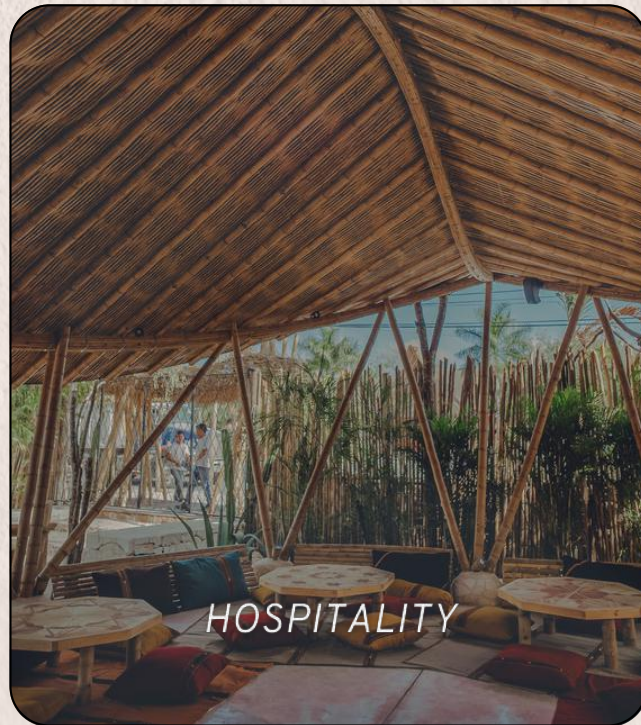
WELLNESS



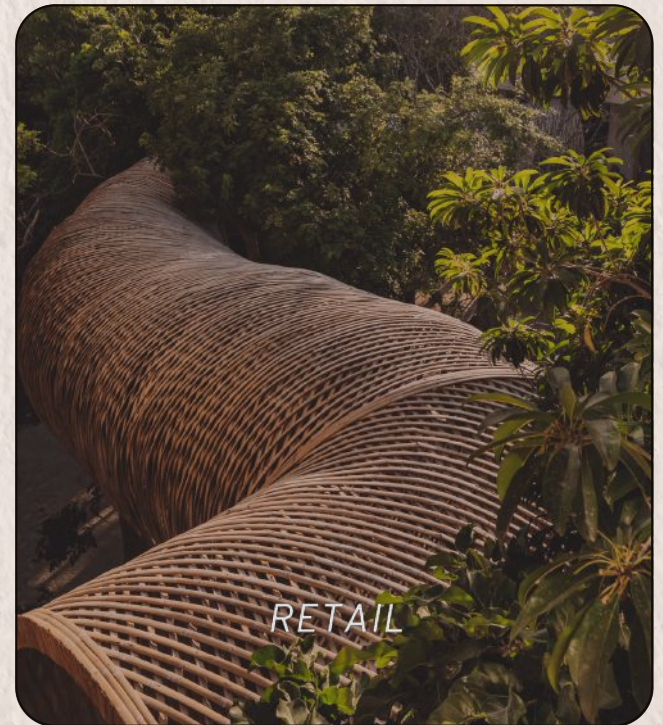
CULTURE



RESIDENTIAL



HOSPITALITY



RETAIL





## BIOGENIC MATERIALS RESEARCH LAB

We are an innovative studio: we research and develop new forms and techniques for designing and building architecture with natural materials.

We have a dedicated workspace for research, which allows us—together with our engineers and partners—to validate these innovations from a scientific perspective.





## MAIN HOUSE CULTIVARTE

Project Location: Cundinamarca – Anapoima, Colombia

Built Area: 180 m<sup>2</sup>

Project Management and Execution: Cultivarte, Farut Varón, Arley Osorno  
(Anapoima)

Design and Construction Support: Jaime Peña Studio

Year of Construction: 2011



# TREEHOUSE

Project Location: Valle del Cauca, Colombia

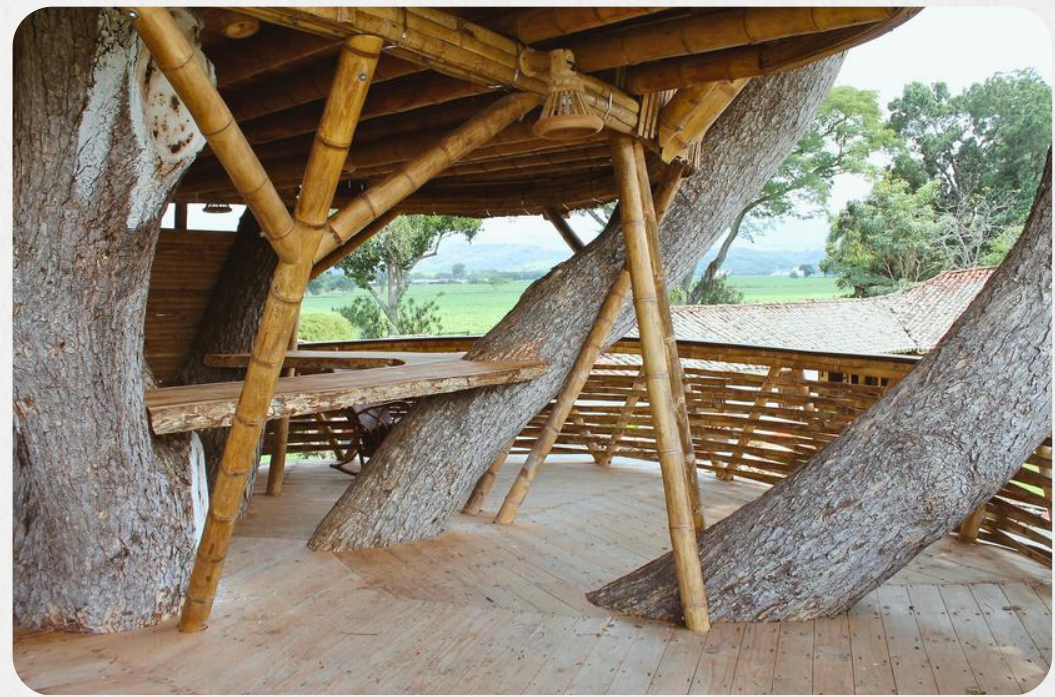
Built Area: 80 m<sup>2</sup>

Project Management and Execution: Jaime Peña Studio, Funbacol

Design: Jaime Peña

Construction and Bamboo Technology: Jaime Peña Studio

Year of Construction: 2014



# HUMO RESTAURANT

Project Location: Tulum, Mexico

Built Area: 160 m<sup>2</sup>

Project Management and Execution: Javier Creuheras and Giorgio Salvade

Design: Jaime Peña

Construction and Bamboo Technology: Jaime Peña, Arley Osorno, Farut Varón

Year of Construction: 2016–2017



## AKALKI

Project Location: Bacalar, Mexico

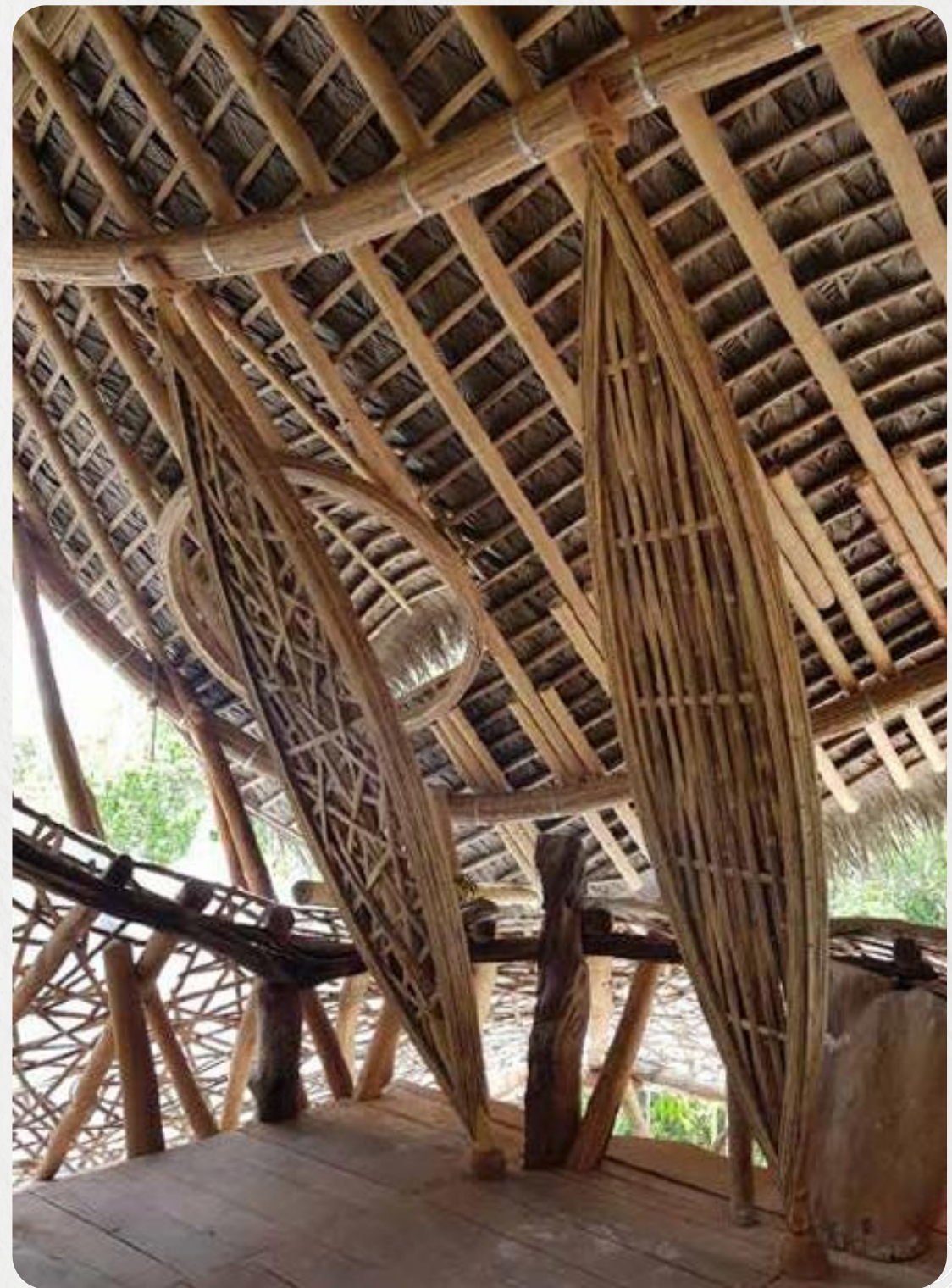
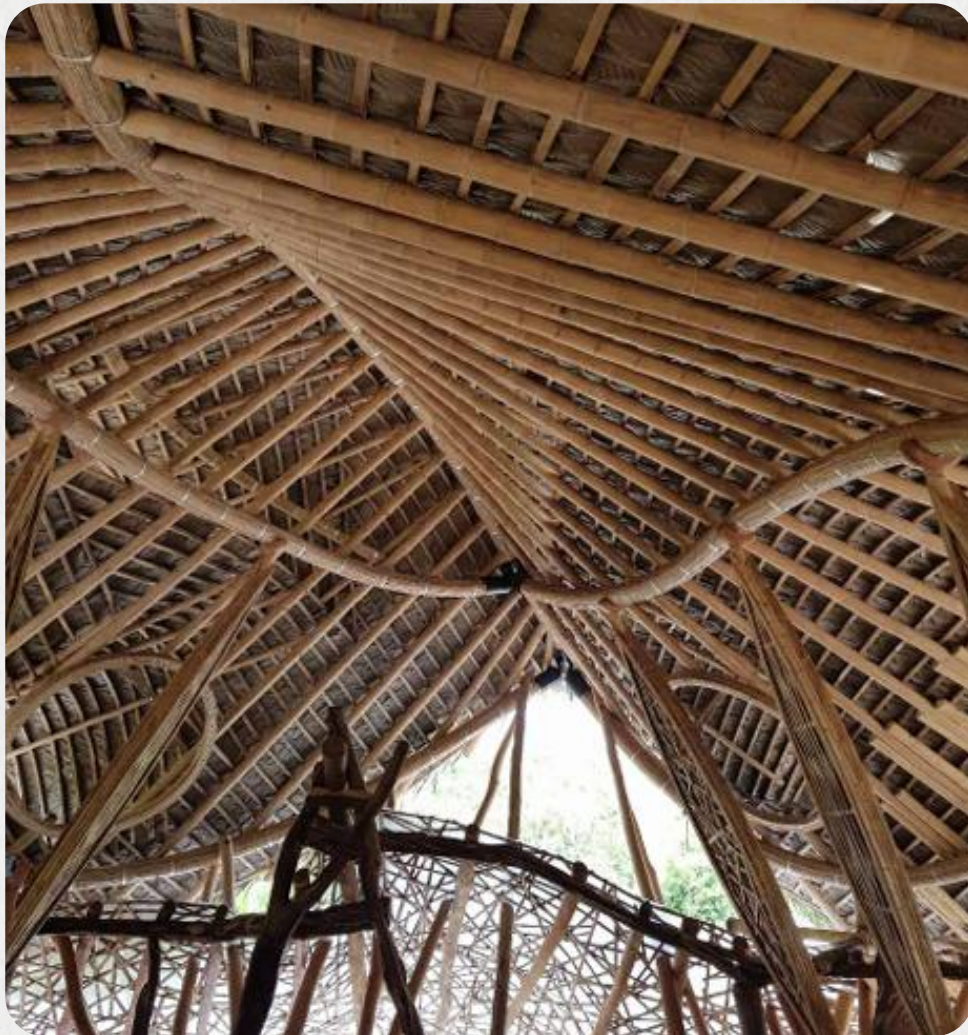
Built Area: 120 m<sup>2</sup>

Project Management: Akalki Holistic Center

Design: Jaime Peña

Construction and Bamboo Technology: Jaime Peña, Arley Osorno, Farut Varón

Year of Construction: 2018



# LUUM ZAMA

Project Location: Tulum, Mexico

Built Area: 250 m<sup>2</sup>

Project Management and Execution: Luum Zama

Design: Co-Lab Design Office

Construction and Bamboo Technology: Jaime Peña, Arley Osorno, Farut Varón (Arquitectura Mixta)

Structural Engineering: Esteban Morales

Year of Construction: 2018



## TUNNEL – CERVECERÍA TULUM

Project Location: Tulum, Mexico

Built Area: 160 m<sup>2</sup>

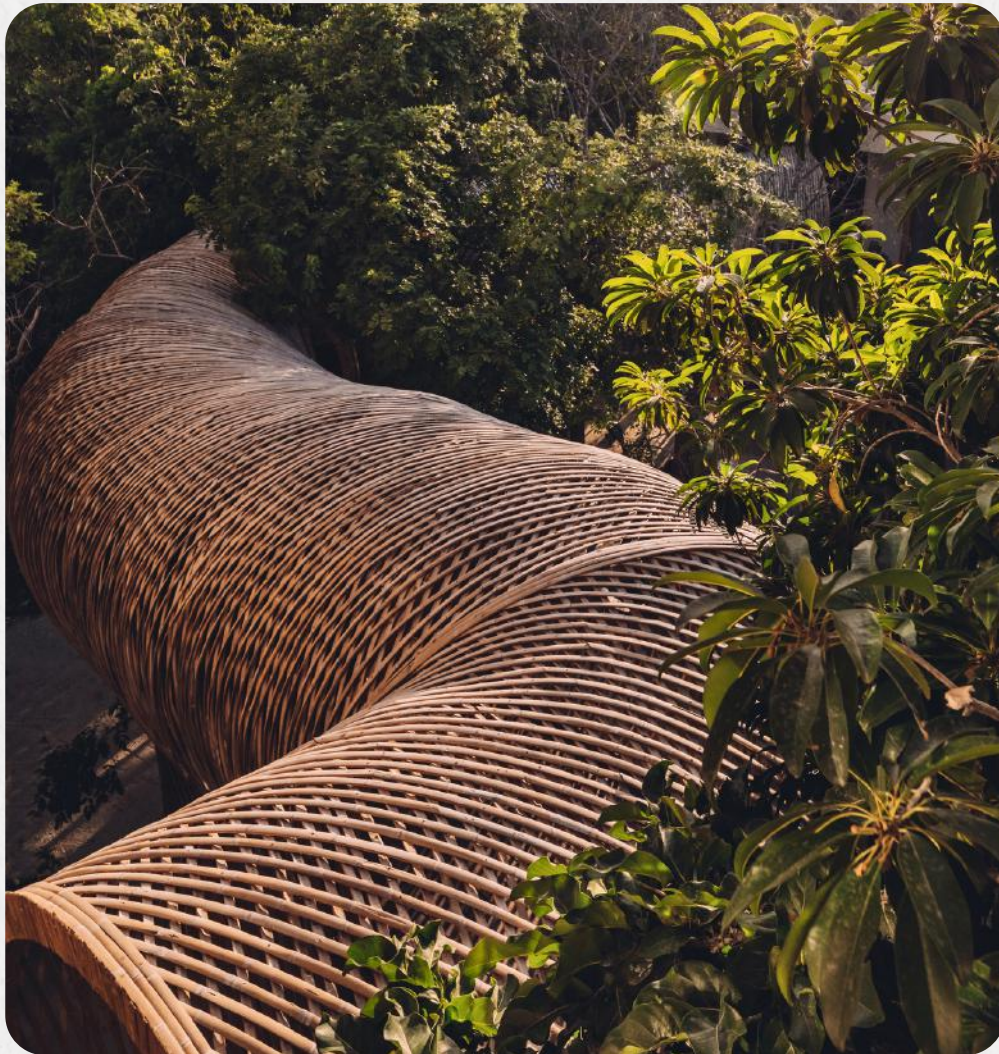
Project Management: Cervecería Tulum

Design: Jaime Peña (Arquitectura Mixta)

Construction and Bamboo Technology: Jaime Peña (Arquitectura Mixta)

Structural Engineering: Arquitectura Mixta

Year of Construction: 2020



## PALMAÏA GUARDIANS

Project Location: Playa del Carmen, Mexico

Built Area: 250 m<sup>2</sup>

Project Management: Palmaïa Hotel

Design: Jaime Peña (Arquitectura Mixta)

Construction and Bamboo Technology: Jaime Peña, Arley Osorno (Arquitectura Mixta)

Structural Engineering: Arquitectura Mixta

Year of Construction: 2020



## HOUSE OF THOUGHT

Project Location: Tenjo, Cundinamarca, Colombia

Built Area: 180 m<sup>2</sup>

Project Management: Fundación Organismo

Design: Jaime Peña Studio

Construction and Bamboo Technology: Jaime Peña, Arley Osorno, and Fundación Organismo

Year of Construction: 2020



# ATOM

Project Location: Tulum, Mexico

Built Area: 250 m<sup>2</sup>

Project Management: Kaybé

Design: Jaime Peña (Arquitectura Mixta)

Construction and Bamboo Technology: Jaime Peña, Arley Osorno (Arquitectura Mixta)

Structural Engineering: Esteban Morales

Year of Construction: 2020



## KAYBÉ TORUS

Project Location: Tulum, Mexico

Built Area: 250 m<sup>2</sup>

Project Management: Kaybé

Design: Jaime Peña (Arquitectura Mixta)

Construction and Bamboo Technology: Jaime Peña,

Arley Osorno (Arquitectura Mixta)

Year of Construction: 2020



# FOLIUM

Project Location: Tulum, Mexico

Built Area: 50 m<sup>2</sup>

Project Management: Ikal

Design: Jaime Peña (Arquitectura Mixta)

Construction and Bamboo Technology: Jaime Peña, Arley Osorno (Arquitectura Mixta)

Year of Construction: 2021



# WOMB

Project Location: Tulum, Mexico

Built Area: 80 m<sup>2</sup>

Project Management and Execution: Jaime Peña

Design: Jaime Peña

Construction and Bamboo Technology: Jaime Peña, Arley Osorno

Year of Construction: 2022



## GREEN SCHOOL TULUM

Project Location: Tulum, Mexico

Built Area: 40 m<sup>2</sup>

Project Management: Green School Tulum

Design: Jaime Peña (Arquitectura Mixta)

Construction and Bamboo Technology: Jaime Peña, Arley Osorno

(Arquitectura Mixta)

Year of Construction: 2022



## HUMMINGBIRD TEMPLE

Project Location: Juquitiba, Brazil

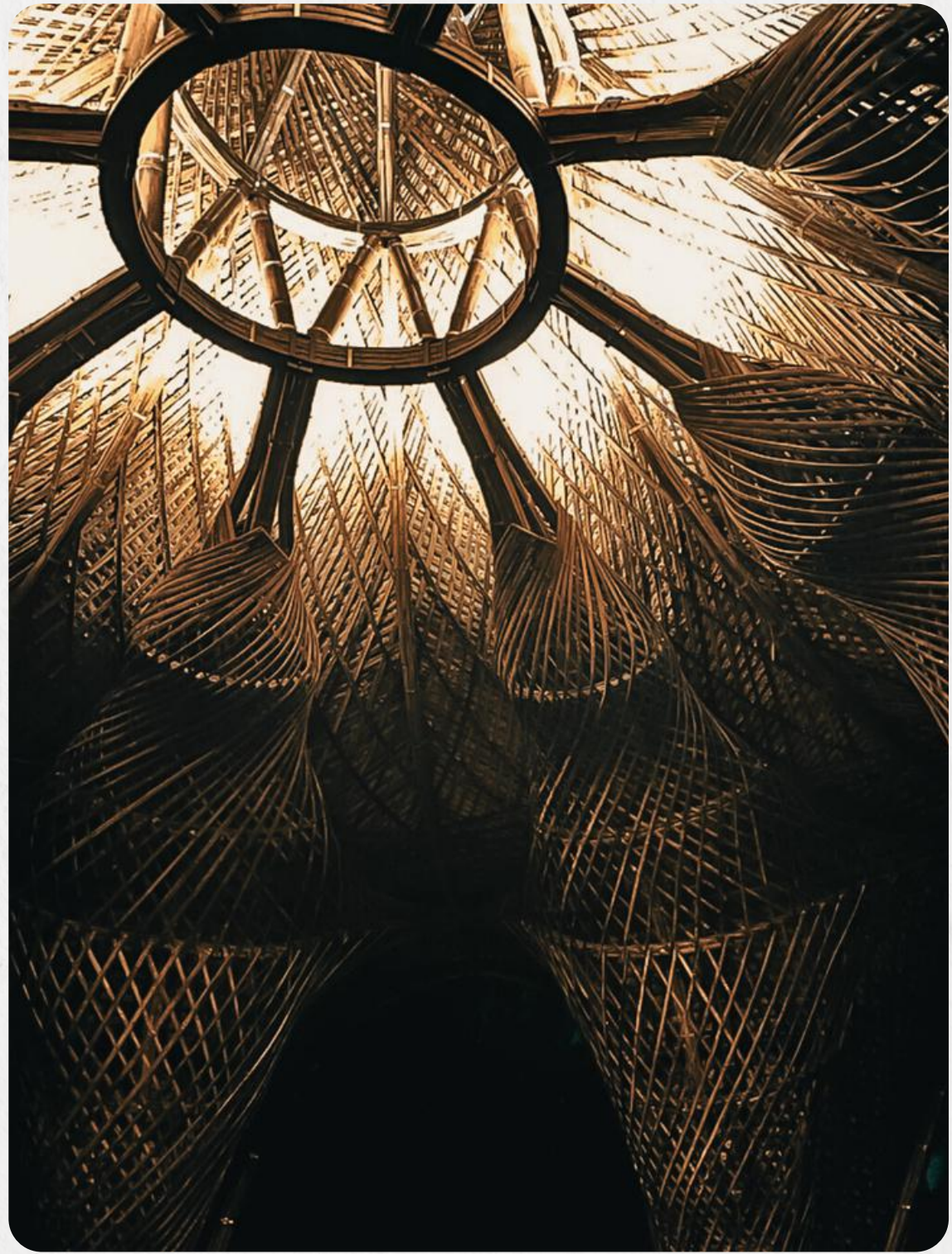
Built Area: 150 m<sup>2</sup>

Project Management: Espaço Colibris, Paulo Bottasso

Design: Jaime Peña Studio

Construction and Bamboo Technology: Jefferson Cruz, Pedro Taboca

Year of Construction: 2022



# CASA OLAS

Project Location: Tulum, Mexico

Built Area: 330 m<sup>2</sup>

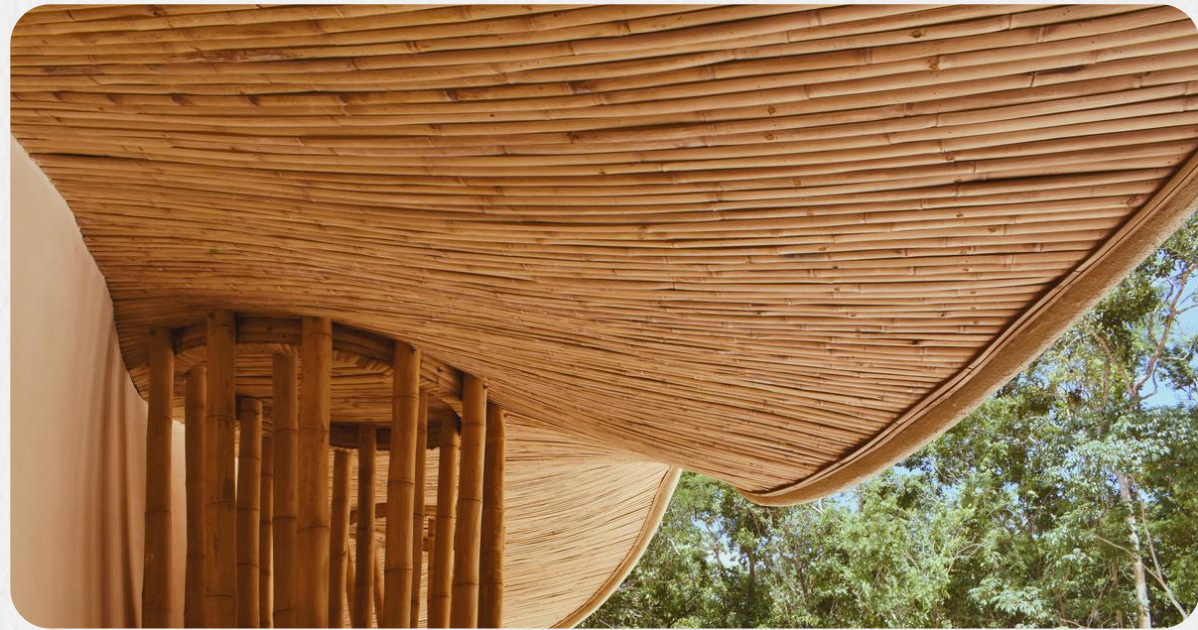
Project Management: Green Dream, Love Tulum

Design: Jaime Peña Studio

Construction and Bamboo Technology: Green Dream, Jaime Peña, Chusquin

Structural Engineering: Andrés Ramírez

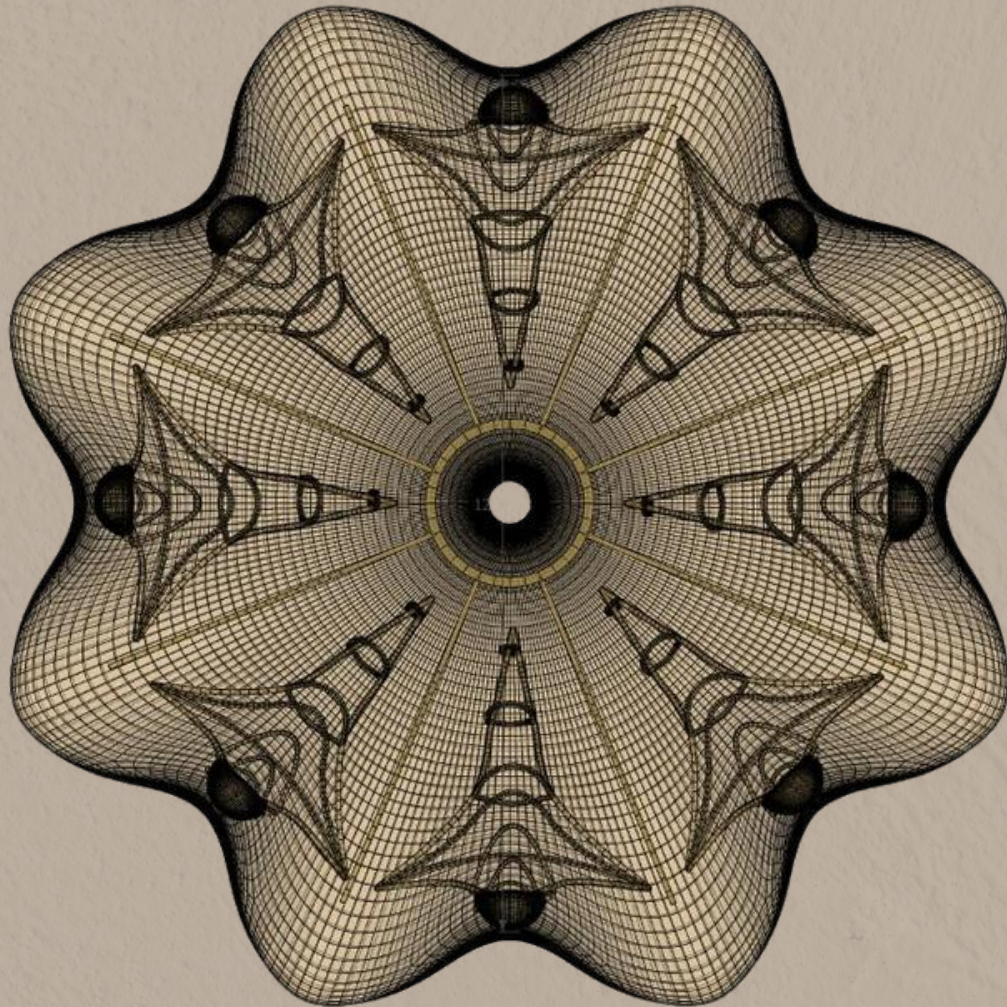
Year of Construction: 2023–2024







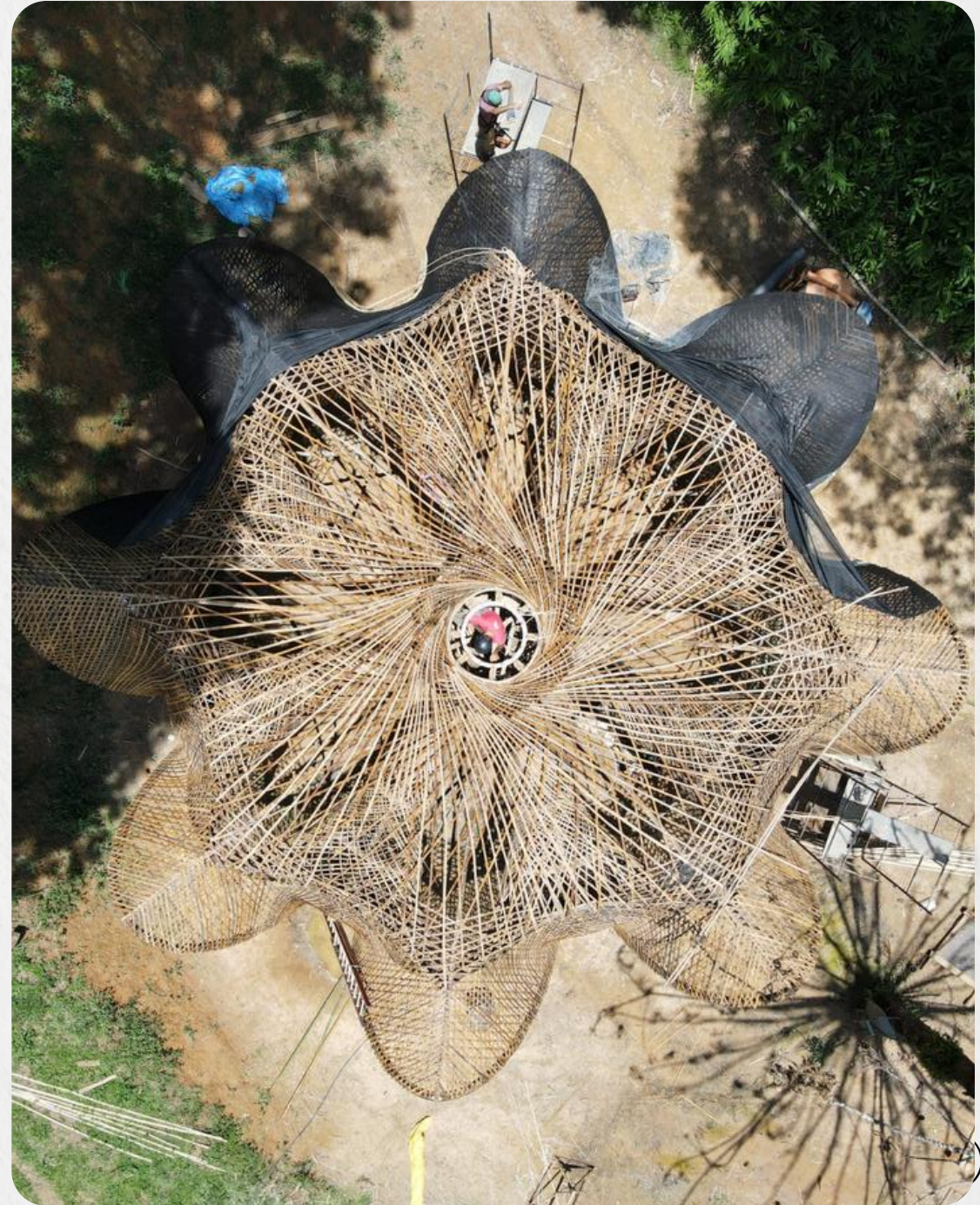
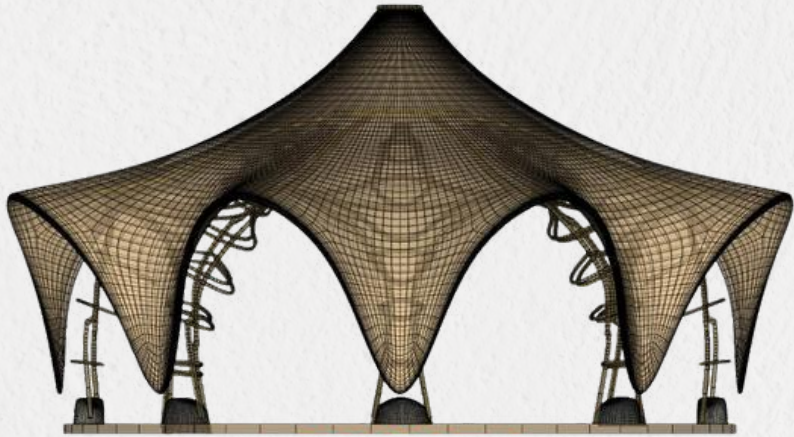
HUMMINGBIRD TEMPLE  
Juquitiba, Brazil



## HUMMINGBIRD TEMPLE

Designed as a space for conscious connection, the Hummingbird Temple integrates principles of symbolic and bioclimatic architecture in the heart of Brazil's Atlantic Forest. Its structure draws inspiration from the observation of eight hummingbirds – symbols of lightness, vitality, and interdimensional connection – guiding the spatial configuration as a portal of natural resonance. The design incorporates local materials and low-impact construction solutions, fostering a harmonious integration between the environment, the material, and the spiritual purpose of the space. A place where architecture and nature intertwine to support processes of contemplation, healing, and essential reconnection.

STROKES AND TRANSFORMATIONS- HUMMINGBIRD TEMPLE



STROKES AND TRANSFORMATIONS- HUMMINGBIRD TEMPLE

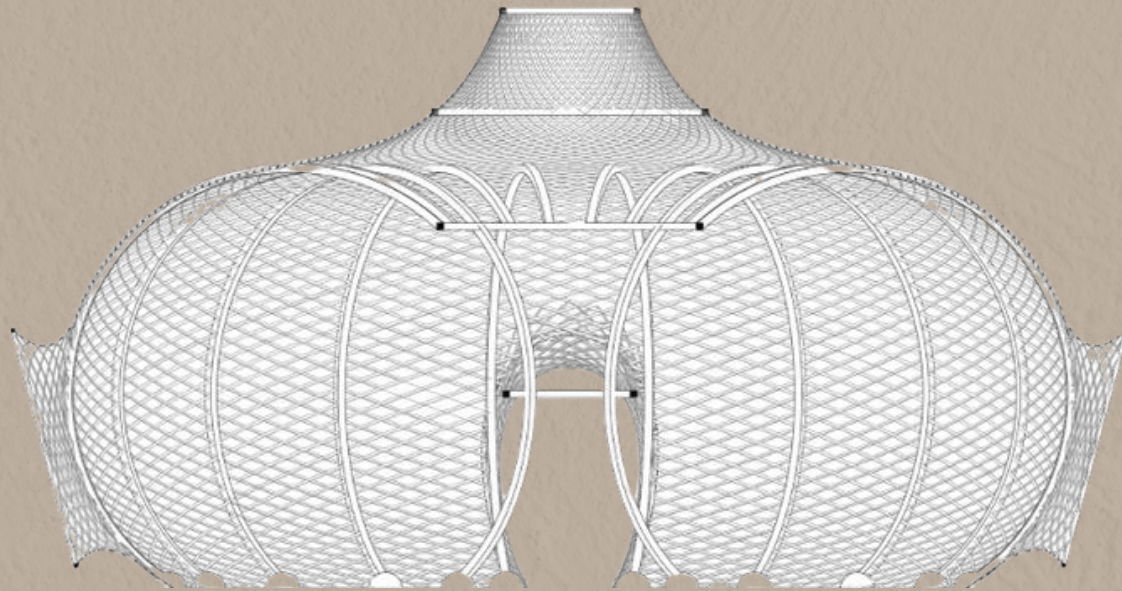






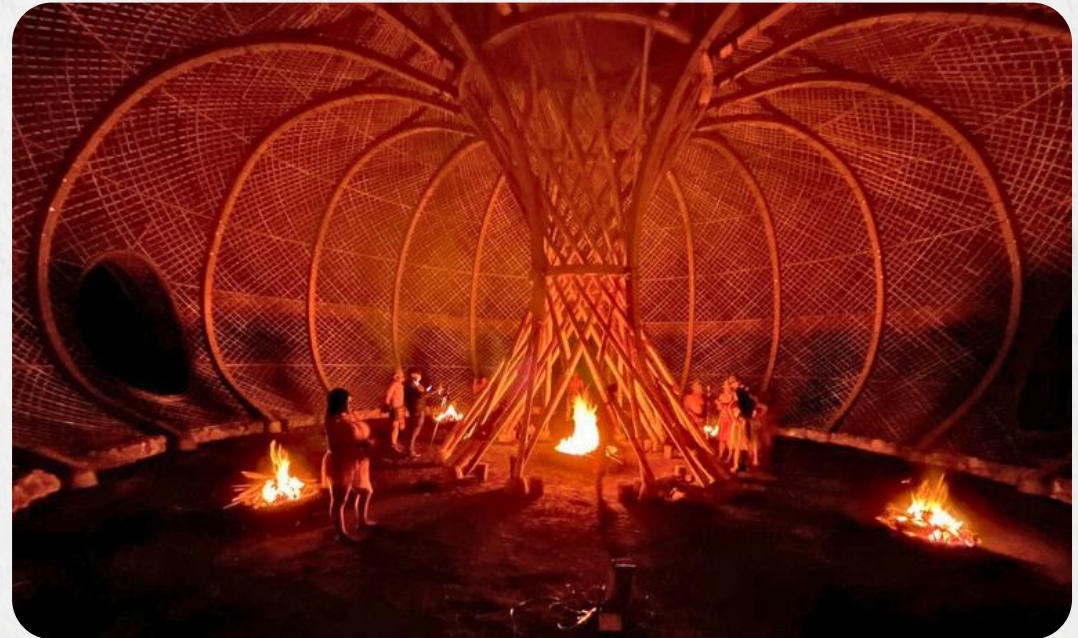
HOUSE OF THOUGHT  
Tenjo, Colombia

## HOUSE OF THOUGHT



Toroid emerges as the fusion of architecture, science, and subtle energy – a temple conceived from the geometry that sustains life, where space flows in a cycle without beginning or end. Inspired by nature's patterns – from the Earth's magnetic field to the rhythm of the heart's breath – this project embraces the shape of a universe in motion. Building in the form of a toroid allows energy to circulate, sound to expand, and matter to vibrate in harmony. A space to remember what is essential: we are part of the whole.

STROKES AND TRANSFORMATIONS - HOUSE OF THOUGHT



STROKES AND TRANSFORMATIONS - HOUSE OF THOUGHT





## XHO – MEDITATION GOMPA

Project Location: Xhul-Ha, Mexico

Built Area: 450 m<sup>2</sup>

Project Management: Proyecto Xho

Design: Jaime Peña Studio

Construction and Bamboo Technology: Jaime Peña Studio, Chusquin

Structural Engineering: Asali Bali



## XHO – COMMUNITY GARDEN

Project Location: Xhul-Ha, Mexico

Built Area: 150 m<sup>2</sup>

Project Management: Proyecto Xho

Design: Jaime Peña Studio

Construction and Bamboo Technology: Jaime Peña Studio, Chusquin

Structural Engineering: Sue



## XHO – MAYAN TEMPLE

Project Location: Xhul-Ha, Mexico

Built Area: 200 m<sup>2</sup>

Project Management: Proyecto Xho

Design: Jaime Peña Studio

Construction and Bamboo Technology: Jaime Peña Studio, Chusquin

Structural Engineering: Asali Bali, Sue



## XHO – GARDEN OF THE WATERFALLS

Project Location: Xhul-Ha, Mexico

Built Area: 180 m<sup>2</sup>

Project Management: Proyecto Xho

Design: Jaime Peña Studio

Construction and Bamboo Technology: Jaime Peña Studio, Chusquin

Structural Engineering: Sue



## DIVINE BY SUNNY

Ubicación del proyecto:

Área construida:

Gestión del proyecto:

Diseño:

Construcción y tecnología con bambú:

Ingeniería estructural:



## ALLIGATOR HEAD

Project Location: Portland, Jamaica

Built Area: 400 m<sup>2</sup>

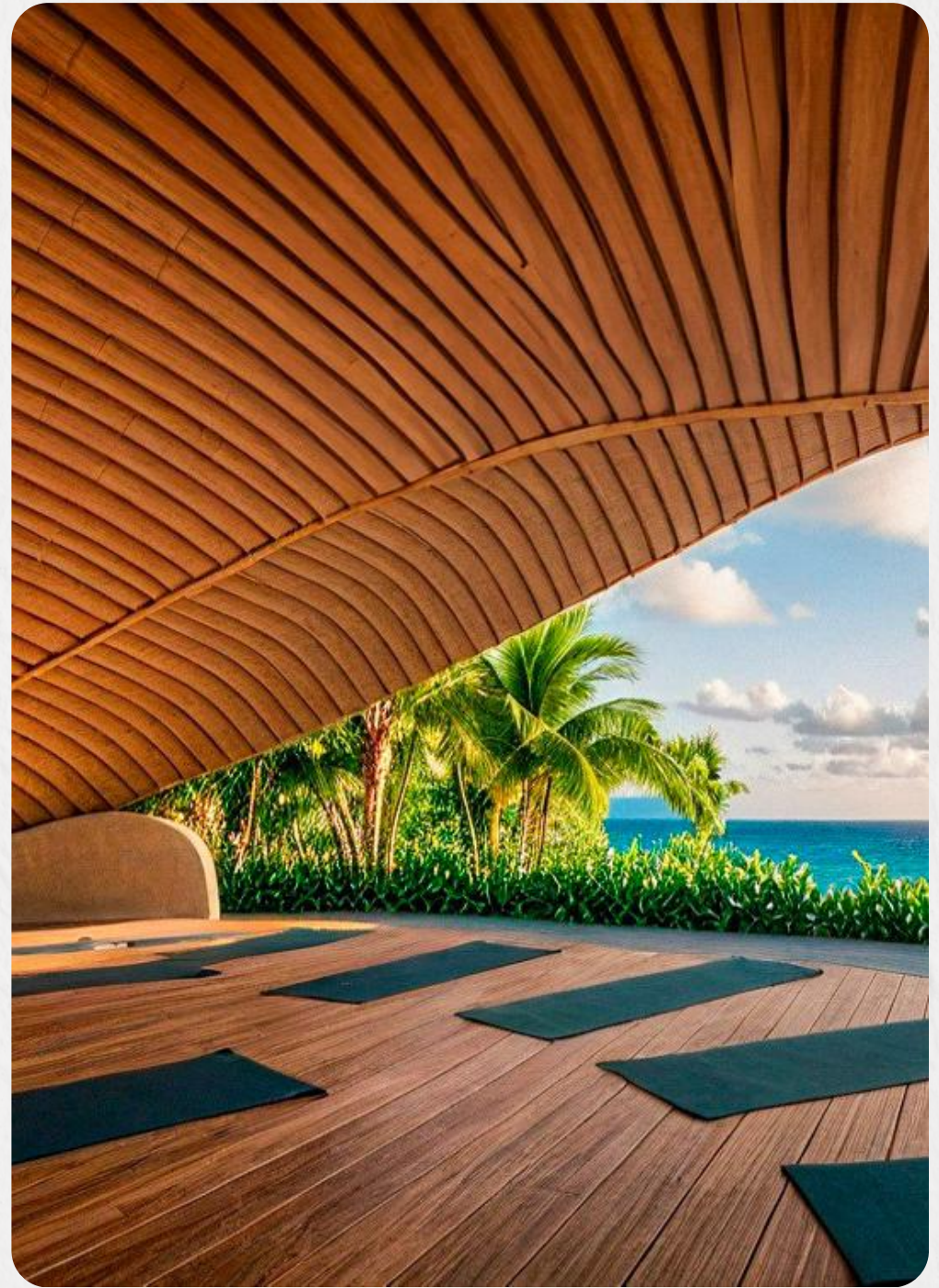
Project Management: Alligator Head

Design: Jaime Peña Studio

Construction and Bamboo Technology: Jaime Peña Studio, Chusquin

Structural Engineering: Atelier One



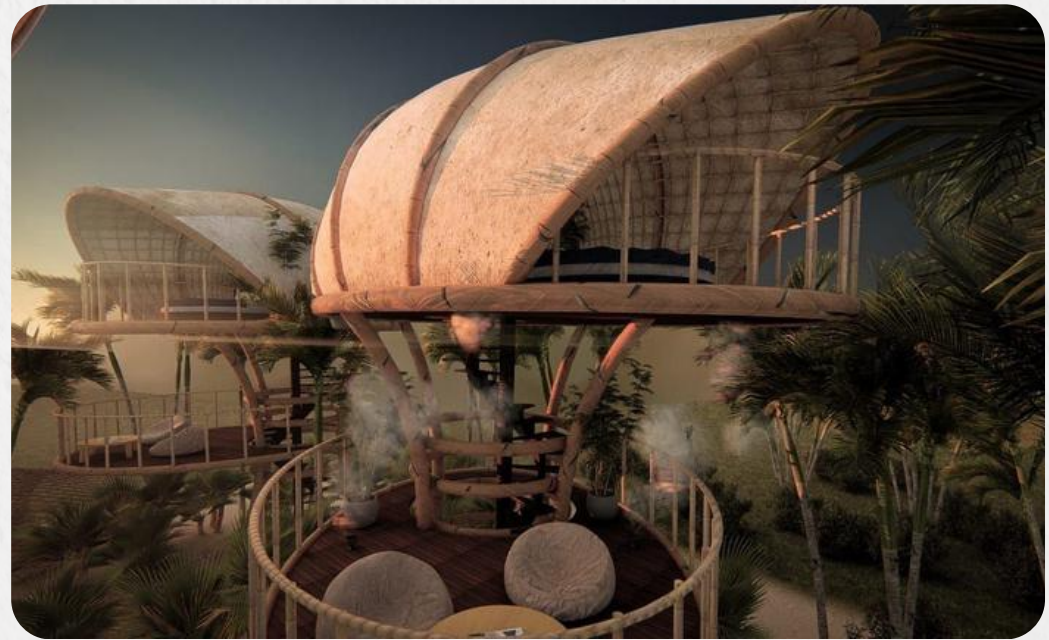




# REFUGES

Bacalar, Mexico

Design



# TEPPEE

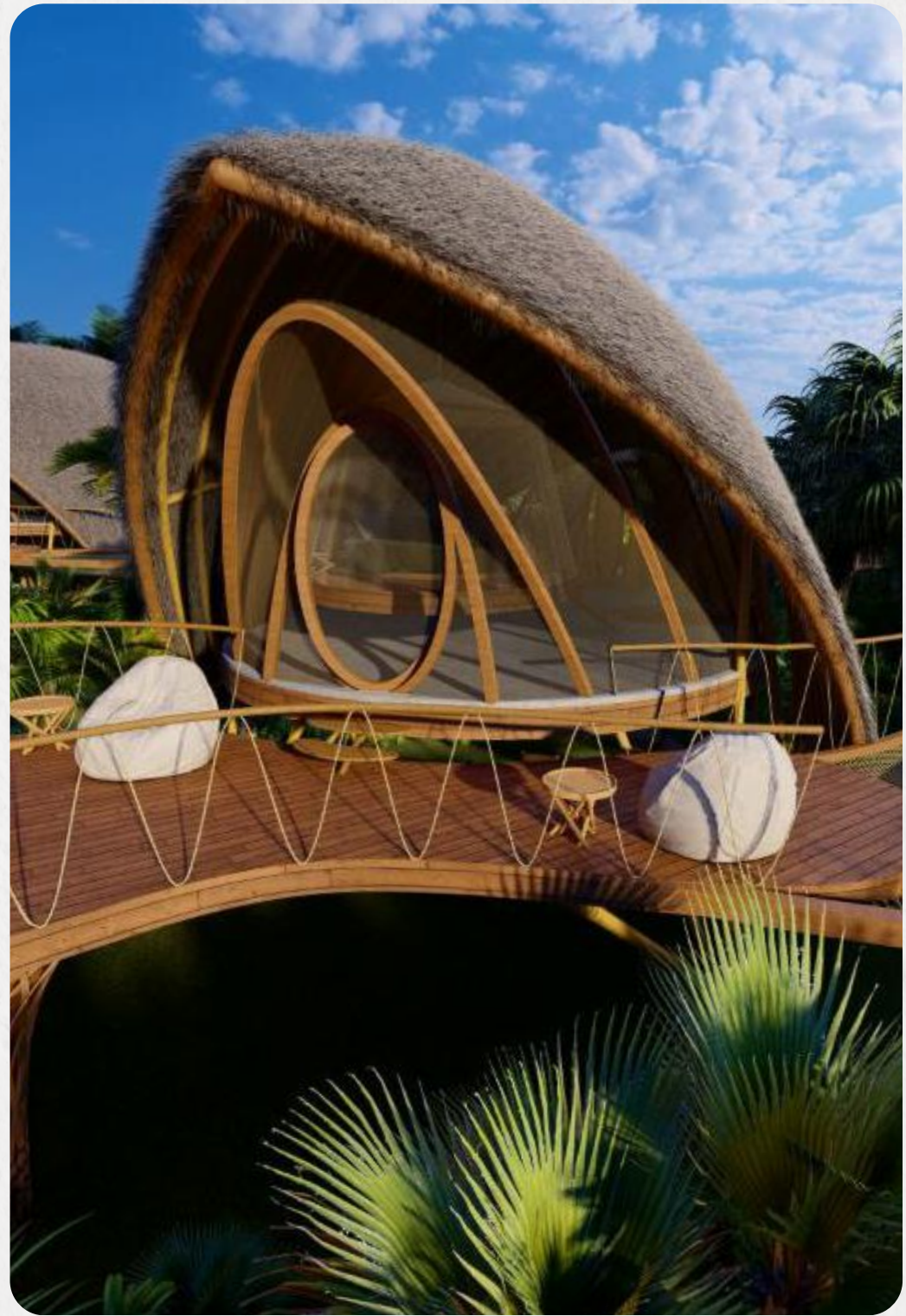
Palenque, Mexico

Design



# INFINITE PROJECT

Seaside Hotel





# FLOWER OF LIFE HOUSE

Nosara, Costa Rica  
Bacalar, Mexico  
Design







## COMMUNITY CENTER

Project Location: Cabo Delgado Province,  
Mozambique

Built Area: 220 m<sup>2</sup>

Project Management and Execution: Aga Khan  
Foundation

Design: Giselle Taxil

Construction and Bamboo Technology: Jaime  
Peña Studio

Year of Construction: 2012–2013



# CASA CONGO - COMMUNITY CENTER

Project Location: Nicaragua

Year of Construction: 2016-2017



# JAHMAZING - BAMBOO HARVEST EDUCATION CENTER

Project Location: Jamaica  
Year of Construction: 2019



# KUNA - SOCIAL HOUSING

Project Location: Nicaragua

Year of Construction: 2022





## GEOGRAPHY OF OUR PROJECTS







**CAMILLE YOUNG**  
Lead Architect & Architecture Coordinator



**JAIME PEÑA**  
Creative Director



**SOFÍA NAVA**  
Interior Designer & Art Director



**LETI MATOS**  
Lead Project Architect



**DANIEL PANAMEÑO**  
Lead Architect & Construction  
Design Coordinator



**ISABELLA PREVETTI**  
Computational Design Architect











