HOUSE OF PROGRESSION

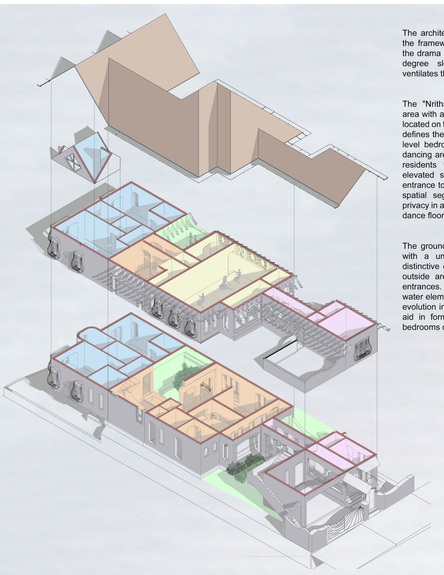
A TROPICAL ABODE

The art of space engages the mind as one explores through Madhavam. The bungalow is located in a scenic neighbourhood of Kumarapuram, on the outskirts of Trivandrum city. Madhavam creates a canvas to engage "movement in space".

The house is designed for an artist couple. Dance and Architecture join together in the process of creating the spatial layout. Space creation primarily embodies a process of self-exploration and creation. Since movement creates space, a realisation of how the spatial flow enhances the inner capacity of a performer was the key to the design. The layout creates a built environment conducive to capturing the inclination of the couple in drama and dance.

The bungalow sits on a narrow site of 12m frontage with spatial segregation capturing varying degrees of privacy and creating rhythmic movement in space. Space configuration enlists a journey from outside to inside through a series of thresholds to varying degrees of privacy. The relationship between private and public spheres is an important aspect that defines the social qualities of everyday life. Since the occupants are celebrities with a large inclusion in the social sphere, the border of this interaction is a key element that can provide balance and well-being in the individual's social and personal life. This boundary is well defined in this context to create balance through thresholds of semi-open spaces. The design emphasises the spatial progression through form, volume, texture, colour, light and design elements.

The project "A Premium Sustainable Built Environment" follows the principles of climate, culture and context.



The architectural form is established within the framework of traditional architecture by the drama provided by the large volume, 45 degree sloping roof, which climatically ventilates the upper volume spaces.

The "Nritha Kalari," a column-free dance area with a yellow ocher oxide floor finish, is located on the first level. A floating bridge that defines the inner courtyard connects the top level bedrooms to the living area and the dancing area. The upper corridor allows the residents to view the scenery from an elevated spatial volume and acts as the entrance to the dance floor. It also achieves spatial segregation of varied degrees of privacy in a vertical strata by putting the open dance floor above the residence.

The ground floor has two courtyards, each with a unique design element giving it distinctive character. Linking the inside and outside are lengthy hallways with arched entrances. Landscape, hardscape, and water elements create the canvas for spatial evolution in levels of privacy. The site levels aid in forming a utility store beneath the bedrooms on the south side.

LEGEND

- DANCE KALARI
- BEDROOM AREA
- PRIVATE AREA
- SEMI PRIVATE AREA
- GREEN SPACES

MATERIAL PALETTE

Sedimentary Stone: The rubble masonry wall is done through locally acquired sedimentary stones.

Wood Screen: The skin for windows in the project are shaped by local craftsmen.

Wooden Floor: The wooden tiles add an enhances look to the interiors and gives it a polished look.

Handmade Ceramic Tiles: The inlay work consists of the white and blue tiles that are hand crafted.

Yellow Oxide Floor: Yellow oxide flooring are cost-effective and easy to maintain. They also age well.

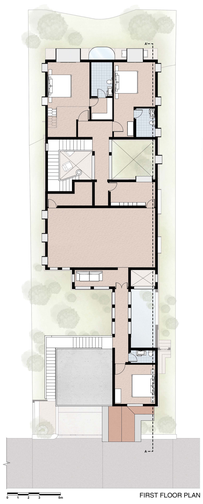
Granite Floor: Granite floors are durable and easy to clean. Matte and glossy finished are used in different occasions to accentuate texture in the project.

Terracora Tile Flooring: The square tiles give the floor a rustic finish. The material also has a longer life span.

Mangalore Roof Tiles: Mangalore clay tile roof is eco friendly and has low maintenance costs.

Terracota Tiles with Finer Ceramic Inlay: The colours of the ceramic inlays play with the neutral brown of terracota providing a vibrant finish.

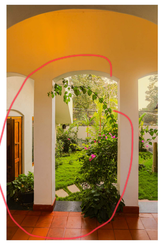
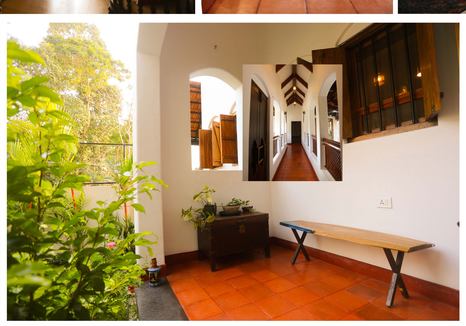
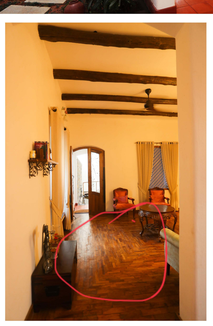
GROUND FLOOR PLAN



FIRST FLOOR PLAN

"Architecture should speak of its time and place but yearn for timelessness"
- Frank Gehry

SECTION AA'

Salient features of the project:

- Weaving the inside and outside seamlessly to establish the connection with nature.
- Emphasis on natural and less energy-intensive building materials.
- Multilayer and light-weight roofing system to assist natural convective cooling and enhance the spatial volume.
- Rustic and down-to-earth interiors with high volumes that enhance the spatial experience.
- Varying regional cultural influences of time and style are complimented with a unique eclectic style of design.
- Emphasis on the landscape with native species of flora.
- Bio inclusive approach enables the spaces to respond to the functional needs through nature-inclusive solutions.