



THE HIVE

An Interactive Learning Playground to be #FreeAsABee

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PROJECT BACKGROUND

The new site of the Kalinga Day Center Complex is a current MMDA storage facility. It is situated inside the University of the Philippines Diliman, Quezon City. The site is located in the more remote and residential side of the campus. The Kalinga Day Care Center aims to provide a comfortable and safe environment for children ages 1-5.

The Proposed KDCC Development Area is 2,390 SQM.

BASE MAP



UP Diliman



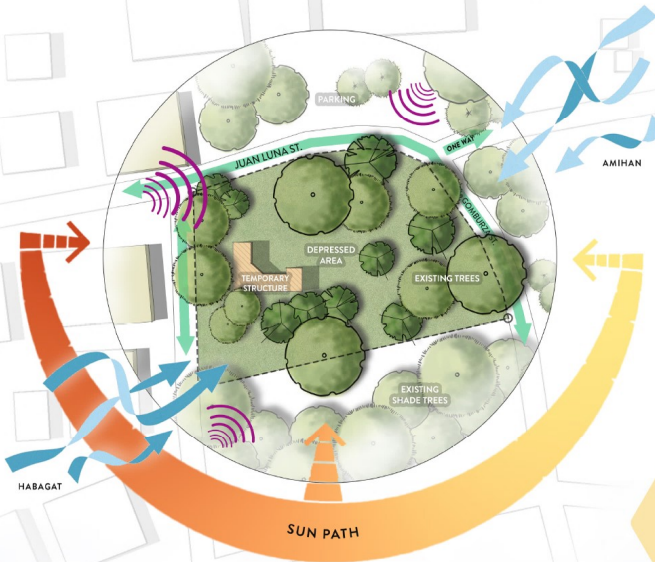
DESIGN CONCEPT

In the wild, beehives are a complex structure housing very social insects. The hive is paramount to the colony's survival with one of its main purposes being centered on the protection and nurturing of their brood. In the proposed design, the group thought of KDCC as a place that is no different.

The design attempts to live out this function of the beehive as a place where children or the brood can grow through an environment which is interactive and stimulative for the many aspects of child development. Aside from adopting a hexagonal form, these "honeycomb cells" are the different areas with varying functions where the children can develop their active skills, cognitive skills, social skills, and values. We wanted to design the area to enable children to be free from constraints such as a lack of opportunity and spaces to develop themselves.

Here, we want a place where children can be free to learn. Children who are given the freedom to develop. A space where the children can BEEcome responsible citizens of the country. In our design, we aim to foster an environment that develops children to be #FreeAsABee

SITE ANALYSIS



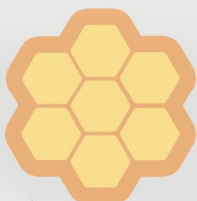
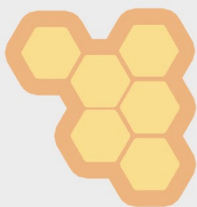
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DESIGN PROCESS

FORM-FINDING

The design made use of hexagonal cells from the beehive, or *honeycomb* for its form.

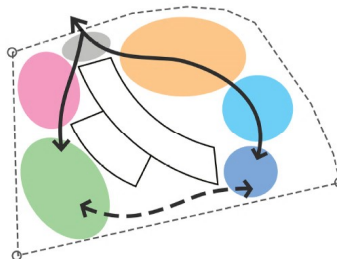


To come up with the different areas, we considered the area needed by KDCC & took a hexagonal form similar to the honeycomb made by bees, to separate the different zones in the landscape. These hexagon-shaped areas include an Active and Social Zone, a Creativity Zone, a Comfort Zone, and a Nature Zone all contributing to the holistic development of the toddlers.

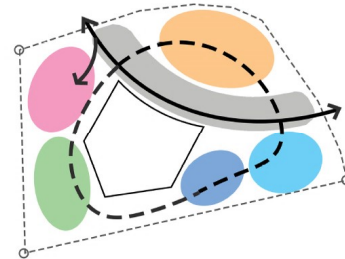
LEGEND:

- Active & Social Zone
- Creative Zone
- Comfort Zone
- Nature Zone
- Parking
- Driveway

- Vehicular Pathways
- Primary Walkway



INITIAL BUBBLE DIAGRAM

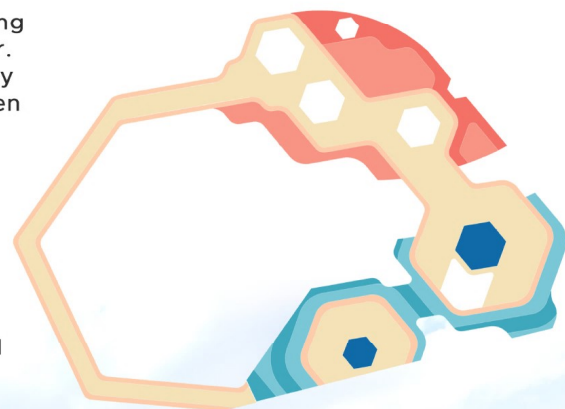


FINAL BUBBLE DIAGRAM

LANDSCAPE FEATURE: THE HONEY TRAIL

This trail is what directs movement along the many spaces of the Daycare center. This promotes movement and continuity in the landscape, and allows the children to navigate through the areas by "Following the Honey Trail".

As the children move along the trail, they will find pavement markings and symbols such as educational and gender-inclusive trail markings, to promote learning while the toddlers remain active around the area. This will enable children to have access to important values on a daily basis that will ultimately develop to be a part of their character.



SANDBOX

BENCH

PLAYHOUSES

ACTIVE & SOCIAL ZONE

CREATIVE ZONE

COMFORT ZONE



LEGEND:

- 1 | Social & Active Zone
- 2 | Creative & Comfort Zone
- 3 | Nature Zone
- 4 | Honey Trail
- 5 | Parking
- 6 | Driveway

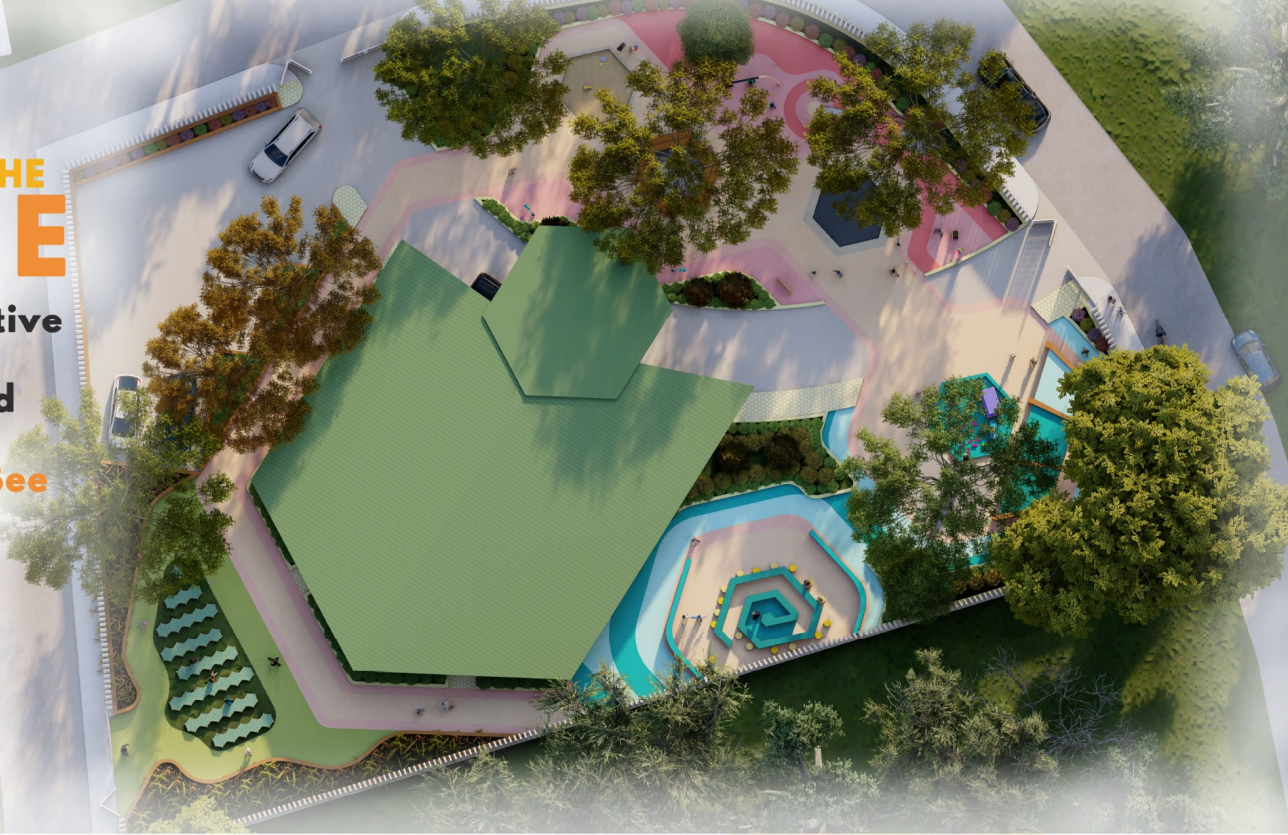


CHARACTER IMAGES



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PERSPECTIVES



ACTIVE & SOCIAL ZONE

The active zone hosts a number of playground equipment to encourage the development of toddlers' social, cognitive, and fine motor skills through physical activity and exploration.

As one of the more shaded areas, this area promotes active play even in the hotter times of the day and could be a good source of vitamin D.

The area makes use of shades of pink (instead of red) in order to still invoke activity and stimulus between the children but prevent aggression. The color red is said to affect children negatively by influencing them to be more tense. Tones of pink and peach to create a calm yet stimulating space.

CREATIVE & COMFORT ZONE

The Creative & Comfort zone aims to ensure that children are able to express their ideas and emotions throughout the different facilities aimed at expression. The zone features playhouses, building blocks, and an informal outdoor classroom.

This area could be used as an end-of-the-day activity where the temperature is cooler and the children can relax in the late afternoon.

The area makes use of shades of the color blue as it invokes feelings of calm and comfort. We aimed to utilize this nature of blue in these areas where children should remain comfortable learning and expressing themselves.



DRIVEWAY



PARKING



NATURE ZONE or URBAN GARDENING

This zone aims to develop the children's love for nature and a sense of responsibility by allowing them to grow their own plants and make compost. There is also significant planting around this area to allow the children to appreciate nature