



# FAHR HUB

A Proposed Mixed-Use Building for Food Production Training, Art Learning, Health and Recreation Center in Calamba City, Laguna

## RATIONALE

Many people have been affected by the pandemic physically, mentally and emotionally. Some have lost their jobs, others are experiencing anxiety and depression, many have not been able to exercise regularly especially in indoor spaces resulting to higher stress levels. However, based on different studies, arts can help promote well-being and create a space for social connection. Recreational activities such as walking, watching movies, photography, etc. also help keep people fresh, inspired and creative. Meanwhile, activities focused on producing artisan food such as baking help reduce stress and allow relaxation.

Thus, this study intends to design a mix-used building that caters 3 different agendas:

**Art Learning, Health & Recreation, and Artisan Food Production**, oriented and focused on the users while maximizing natural lighting and natural ventilation to reduce risks of infection and anxiety. This will not only improve the mental health of the users but it will also provide additional sources of income from learning different skills.

## DESIGN AGENDAS



1. ART LEARNING
2. ARTISAN FOOD PRODUCTION
3. HEALTH & RECREATION

## USER PROFILES

### CHILDREN & YOUTH

- Who are interested in learning different forms of art that they can use as a hobby or freelance work
- Can also use the Health & Recreation spaces especially

### ADULTS

- Who would also like to learn art and artisan food production to reduce stress, relax and/or to start their own business
- Who would like to do recreational activities to aid their mental health, or simply just for fun
- Who want to have a healthier lifestyle by going to the gym, doing yoga and/or consulting to the clinic

### PROFESSIONALS

- Teaching artists/artist educators, who will supplement their incomes by teaching and integrating their art form, perspectives, and skills into a wide range of settings
- Health professionals, including nurses, dentists, athletic trainers, general practitioner, massage therapists, etc. to provide healthcare treatment and/or advice
- Pastry chef, Master butchers, Cooks, Assistants who will train people on baking, butchery, dairy and prepare food for the cafe, cafeteria, etc.

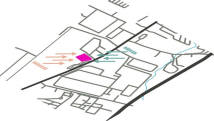
### ADMIN & STAFF

- Includes office workers, janitors, security guard, etc. for building maintenance

### GENERAL PUBLIC

- Includes office workers, janitors, security guard, etc. for building maintenance

## SITE ANALYSIS



## SITE LOCATION

Within the academic campus of Lyceum of the Philippines, University-Laguna, Brgy. Makiling, Calamba, 4027 Laguna

**SUN PATH**  
The site is elongated at East-West axis, which is ideal for building form & orientation to reduce direct sun exposure.

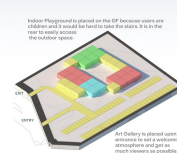
**WIND PATH**  
The site is diagonal to the prevailing breeze which is best for maximizing natural ventilation.

**EXISTING STRUCTURES**  
There are many residential, industrial, commercial and institutional buildings around the site which are all connected by the Pan-Philippine Highway and smaller roads or streets.

**VEGETATION**  
There is a wide variety of vegetation but most of these areas are covered with grass. There are also different trees used for landscaping and the site itself has its own set of trees.

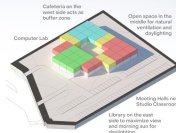
## INITIAL MASSING STUDY

### GROUND FLOOR



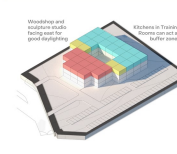
- ART LEARNING
  - Art Gallery (1)
  - Art Studio (2)
- HEALTH & RECREATION
  - Yoga
  - Cardio
- ARTISAN FOOD PRODUCTION
  - Baking Cafe
  - Food Station
- COMMON SPACES & CIRCULATION
  - Reception
  - Waiting Area
  - Office
  - Storage
  - Staff & Director

### SECOND FLOOR



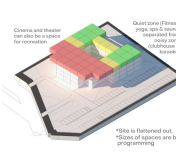
- ART LEARNING
  - Art Studio (1)
  - Art Studio (2)
  - Art Studio (3)
  - Art Studio (4)
  - Art Studio (5)
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  - Reception
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  - Office
  - Storage
  - Staff & Director

### THIRD FLOOR



- ART LEARNING
  - Art Studio (1)
  - Art Studio (2)
  - Art Studio (3)
  - Art Studio (4)
  - Art Studio (5)
  - Art Studio (6)
  - Art Studio (7)
  - Art Studio (8)
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  - Reception
  - Waiting Area
  - Office
  - Storage
  - Staff & Director

### FOURTH FLOOR



- ART LEARNING
  - Art Studio (1)
  - Art Studio (2)
  - Art Studio (3)
  - Art Studio (4)
  - Art Studio (5)
  - Art Studio (6)
  - Art Studio (7)
  - Art Studio (8)
  - Art Studio (9)
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ART GALLERY Ground Floor



LIBRARY Second Floor



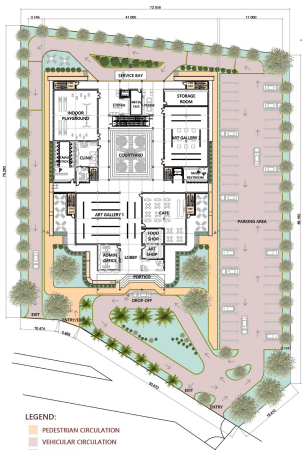
TRAINING ROOM Third Floor



AUDITORIUM Fourth Floor

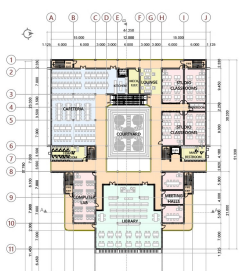
## ARCHITECTURAL DESIGN

SCALE 1:800M

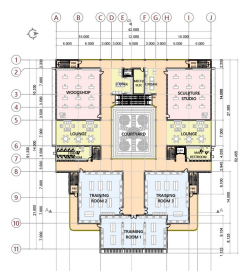


- LEGEND:
- PEDESTRIAN CIRCULATION
  - VEHICULAR CIRCULATION
  - LANDSCAPING

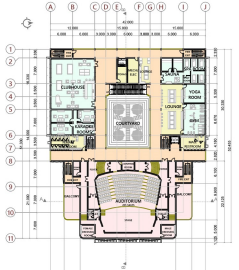
SITE DEVELOPMENT PLAN WITH GROUND FLOOR PLAN



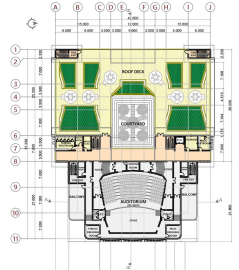
SECOND FLOOR PLAN



THIRD FLOOR PLAN



FOURTH FLOOR PLAN



ROOF DECK PLAN

- ZONING OF SPACES:
- ART LEARNING
  - HEALTH & RECREATION
  - ARTISAN FOOD PRODUCTION
  - COMMON SPACES
  - CIRCULATION



FRONT ELEVATION



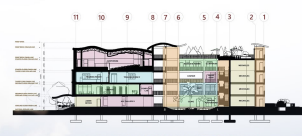
RIGHT SIDE ELEVATION



REAR ELEVATION



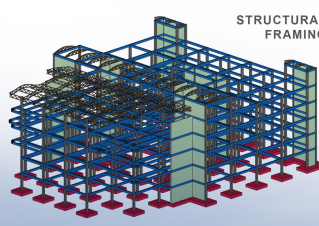
LEFT SIDE ELEVATION



CROSS SECTION



LONGITUDINAL SECTION



STRUCTURAL FRAMING

