

PROJECT 2

Live + Work



A HOUSE is the place where we human have dwelled in for thousands of years. Houses may come in the form of cave dwellings, wooden sheds, brick buildings, single houses, townhouses to modern condominium skyscrapers. Regardless of the various shapes and forms, houses need to serve basic essential needs for living; protection from elements/weather, providing safety and security, and providing adequate functions for daily living. However, as humans evolve, houses are also a reflection of our social status, personal preference, daily lifestyle, and sometimes a workplace and a showcase of our passion.

As we find ourselves transforming into the modern era, we might begin to rethink the notion of living. Because of a faster and more holistic lifestyle, we find a rising trend where the workspace is often integrated into the living unit. In turn, the house is not

just a place where we live and interact among family members but has now become a place where we can express ourselves in our professional works and at the same time welcome others to share their experiences and passions within our home.

Scope:

In Project 2, students are asked to design a **private single family house with an integrated home office** for a selected profession, with a usable floor area of no more than 400 sq. m.

Users:

The house shall accommodate 4 family members and 1 maid as follows:

- **Father** – a professional artist who owns the home office/studio
 - >> select one from the following list:
 - **Photographer**
 - **Painter**
 - **Sculptor**
 - **Fashion Designer**
 - **Carpenter**
 - **Tattoo Artist**
- **Mother** – works at an office in downtown Bangkok
- **Daughter** – a third-year student at ABAC University
- **Son** – a first-year student at ABAC University
- **Maid**

The home office shall accommodate the professional artist (father), 2 staff members, occasional visits from clients, and a showcase/exhibition for a small public audience.

**** Students are required to study the relationship between the different specified users and create the architecture that embodies his/her conceptual interpretation of the relationship, the functionality of the required spaces, and the thoughtful integration of the site and surrounding context.**

Program:

The house will consist of the following spaces (areas are approximate and can vary according to design):

Family House --

- 1 Master Bedroom + Ensuite bathroom	40-50 sq. m.
- 2 Bedrooms + Ensuite bathrooms	30-40 sq. m. each
- Living area	40 sq. m.
- Dining area	20 sq. m.
- Open kitchen	10 sq. m.
- Pantry	5-8 sq. m.
- Restroom	3-5 sq. m.
- Storage room	5 sq. m.
- Maid room	10-15 sq. m.
- Maid bathroom	3-5 sq. m.
- Laundry area	
- Pray area	

Working Space / Public Area --

- Office / Art studio
- Gallery to showcase artworks (open to public)
- Restroom
- Pantry / Lounge

Others --

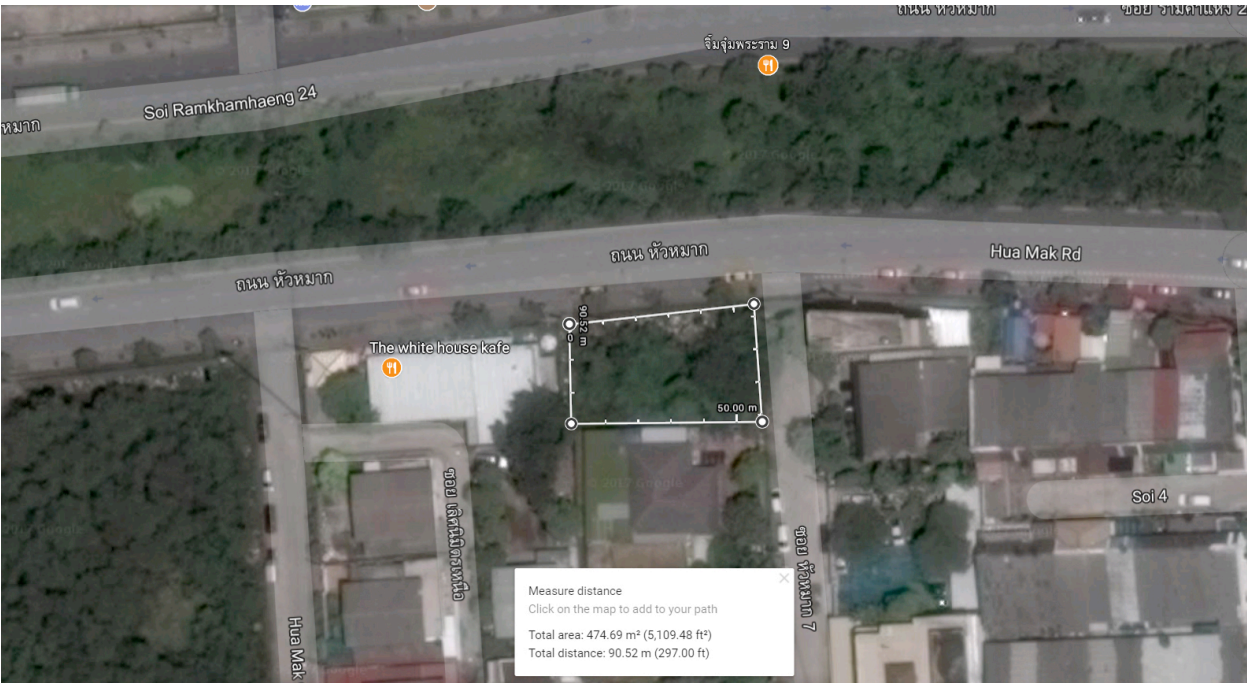
- Parking space for 3 cars
- Garden, terrace, pond, pool, etc.

Objective:

- To be able to develop an architectural concept based on an understanding of space, function, and users
- To understand the basic functional requirements of a single family house + home office
- To understand the relationship and interaction between users and their needs
- To understand the basic organization and planning of programmatic spaces
- To understand the issues of context and site analysis, local building codes and regulations, basic building structure and envelope design
- To practice architectural drawing skill, model making skill, and presentation skill

Site:

The site is located in an urban residential zone around Hua Mak area.



Schedule:

- Week # 9:** *Thu, 12/Oct/2017*
Assignment II
- Week # 10:** *Mon, 16/Oct/2017*
Project II Introduction
Studio Lecture VI
Thu, 19/Oct/2017
Studio Field Trip
- Week # 11:** *Mon, 23/Oct/2017*
---NO CLASS--
Thu, 26/Oct/2017
---NO CLASS---
- Week # 12:** *Mon, 30/Oct/2017*
Studio Lecture VII
Desk critiques
Thu, 2/Nov/2017
Desk critiques
- Week # 13:** *Mon, 6/Nov/2017*
Project II Mid-Review
Thu, 9/Nov/2017
Desk critiques
- Week # 14:** *Mon, 13/Nov/2017*
Studio Lecture VIII
Desk critiques
Thu, 16/Nov/2017
Desk critiques
- Week # 15:** *Mon, 20/Nov/2017*
Desk critiques
Thu, 23/Nov/2017
Desk critiques
- Week # 16:** *27-29/Nov/2017*
Design Production
Mon, 4/Dec/2017
Project II Final Presentation

.....Final Examination.....

Requirements:

1. Final model (scale: TBA)
2. Drawings (scale: TBA)
 - a. Layout plan
 - b. Floor plans

- c. Sections
 - d. Elevations
 - e. Perspectives
3. Study models and diagrams (site analysis, functional diagrams, etc.)

Score: Project 2 (Desk critic 10/Presentation 35) 45 % of the total grade

- Evaluation:**
- 1. Design concept and aesthetics
 - 2. Functionality
 - 3. Architectural space development
 - 4. Architectural drawings and graphic presentation
 - 5. Craftsmanship (neatness and cleanliness)
 - 6. Punctuality of time