

PROJECT 2

Urban Farmhouse



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 of fast-changing world, some people might begin to rethink the notion of living that could become their escape of stressful daily life. We may find a rising trend of early-retirement which is taking place in urban areas where young adults quit their employees' life and turn to be self-employed and even move themselves to the suburb or upcountry. Regarding to this, it is likely that the house is not just a place where we live but has now become a place where we can freely express our own interests and lifestyles which also might welcome others to share their experiences within the house.

Scope:

In Project 2, students are asked to design a **private single family house with an integrated agriculture and art & craft programs**, for a selected profession, with a usable floor area of no more than 200 sq. m.

Users:

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

- **Husband** – a former professional architect who do agriculture of
 - **Vegetable Farming**
 - **Fruit Farming**
 - **Fishery**
 - **Chicken farming**
- **Mother** – works at an office in downtown Bangkok on weekday and do agriculture on weekend.

The farmhouse shall also accommodate future area for their baby and occasional visits from public.

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

Family House --

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

Commercial Space / Public Area --

- Office / Art studio
- Cafe
- Restroom
- Workshop

Others --

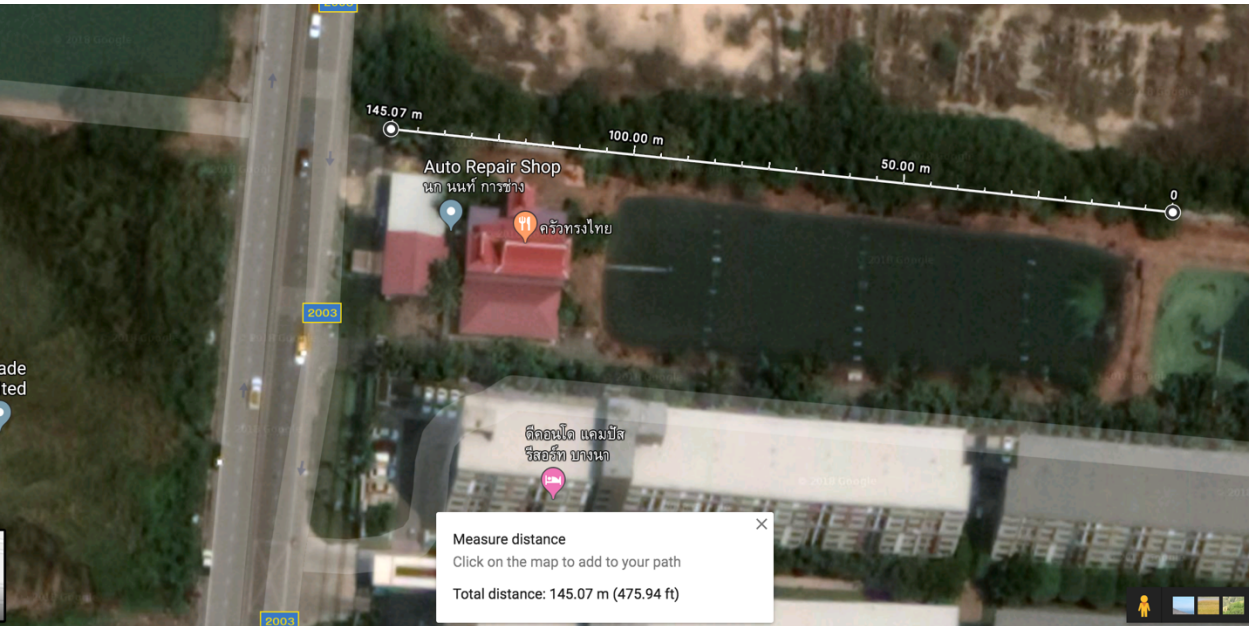
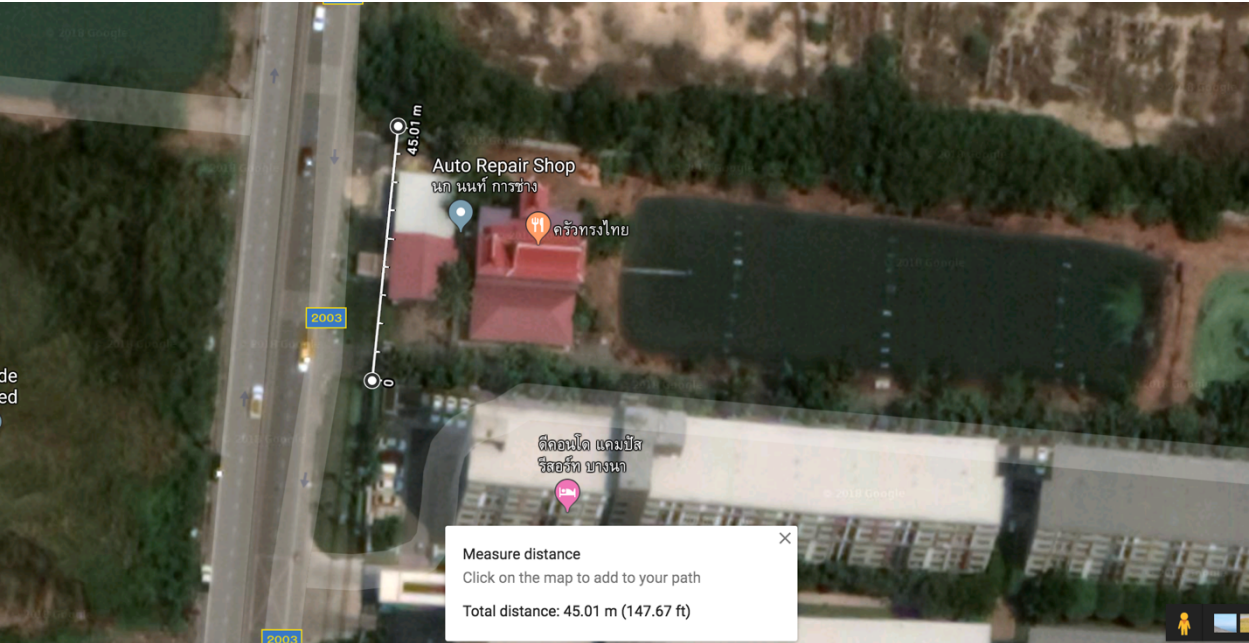
- Parking space for 3 cars
- Garden, terrace, pond, pool, etc.

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 + farm
- 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 Bang Sao Thong area.



Schedule

Week # 9: Mon, 8/Oct/2018
Project II Introduction

Thu, 11/Oct/2018
Studio Field Trip

Assignment II

Week # 10: Mon, 15/Oct/2018

---NO CLASS---

Thu, 18/Oct/2018

Desk critiques

Week # 11: Mon, 22/Oct/2018

Desk critiques

Thu, 25/Oct/2018

Desk critiques

Week # 12: Mon, 29/Oct/2018

Desk critiques

Thu, 1/Nov/2018

Desk critiques

Week # 13: Mon, 5/Nov/2018

****Project II mid review****

Thu, 8/Nov/2018

Desk critiques

Week # 14: Mon, 12/Nov/2018

Studio Lecture IV

Desk critiques

Thu, 15/Nov/2018

Desk critiques

Week # 15: Mon, 19/Nov/2018

Desk critiques

Thu, 22-26/Nov/2018

Design Production

Week # 16: Thu 29/Nov/2018

.....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