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SMALL
MEDIUM
HOUSES





BAAN CHAICHUCHERD

by Materior Studio



Location Muang, Chiang Rai, Thailand
Completion 2017
Area 500 sq.m.

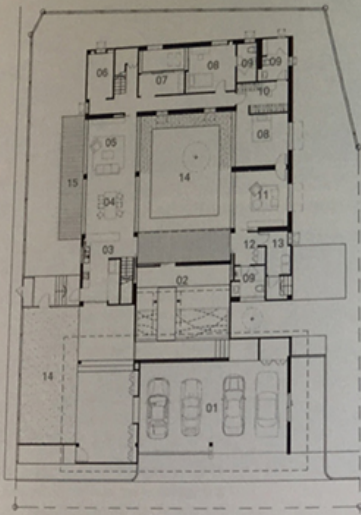
Owner Tanatid Chaichucherd
Architect Materior Studio
Structural Engineer Rangsanid Khanta
Photography Saisakorn Srisakul



This house is located in a housing estate in Chiang Rai. The land is owned by a group of families. The owners, therefore, preferred a house that placed emphasis on privacy and security. The plan of the house has two main parts, first is the garage and entrance area which connects to the second, main area of the house. The house consists of a living, dining and kitchen area as well as six bedrooms, a service area and a garage. The first part of the house, the entrance area, creates a sequence for entering the home following the client coming in from the garage. The first sequence is designed to act as a welcoming chill out area which blends in and acts as an intro to the courtyard.



SECOND FLOOR PLAN



GROUND FLOOR PLAN



SECOND FLOOR PLAN

- 01 Corridor
- 02 Bathroom
- 03 Walk - in Closet
- 04 Bedroom
- 05 Service
- 06 Outdoor Shower
- 07 Living
- 08 Terrace

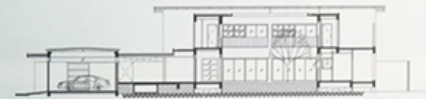
GROUND FLOOR PLAN

- 01 Carport
- 02 Entrance
- 03 Kitchen
- 04 Dining
- 05 Living
- 06 Storage
- 07 Prayer Room
- 08 Bedroom
- 09 Bathroom
- 10 Walk - in Closet
- 11 Exercise Room
- 12 Maid's Room
- 13 Laundry
- 14 Courtyard
- 15 Terrace





The second sequence before entering inside the house features a transition space with steel louvers that reduce sunlight within the courtyard pond. The owner can feel a greater sense of privacy upon walking into this area. The second part of the house, the open house enclosed central courtyard, further supports the owner's privacy. The central courtyard remains completely open, encouraging family interaction. Also, it allows for access to views of the surroundings as well as supports natural ventilation and prohibits direct sunlight from entering into the living spaces.



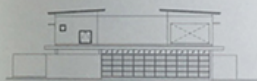
SECTION A



SECTION B



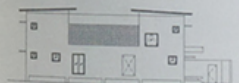
The outer shell of the house is surrounded by small one-by-one punched windows while the roof features double layers, the first of which is concrete and the second of which is concrete and metal sheeting. A steel mesh is placed between the two roofs, allowing for air to pass through and reduce the heat from the metal roof sheeting while also preventing birds and other animals from staying under the roof. The white acrylic used for the garage doors protects against dust and also allows for light to pass through the space.



WEST ELEVATION



NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION