

ARCHITECTURE
PORTFOLIO
BALASUBRAMANIAM

Balasubramaniam Sivakumar Architect

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Nationality Indian

Date of Birth 07th December 1993

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Professional profile

I'm an architect with a strong aesthetic sense and an eye for detail and materiality. From my job experience in **ARTechnic Architects, Tokyo** and **M - Architects, Hanoi** I have developed a systematic approach as well as an overview and an understanding of project development and the technical framework.

Education

Bachelor in Architecture (B. Arch) 2011 - 2016
National Institute of Technology, Tiruchirappalli, IN

Certification

Project Management Life Cycle (Edx) Apr 2020
Rohester Institute of Technology, US

BIM Manager: Managing Revit Apr 2020
Linkedin Learning

Professional Experience

France Vietnam Architecture Hanoi, Vietnam | Designation - Architect
- Consultant Oct 2019 - Dec 2019,
Aug 2020- till date

- **SPACES interior, Saudi Arabia.**
- Involved in detail design and presentation.
- **International Center, Hanoi**
- Involved in interior & elevation design, detail design and presentation.

ARTechnic Architects Tokyo, Japan | Designation - Architect December 2017 - August 2019

- **MTK - Passive house Residence, Tokyo.**
- Involved in design evolution, detail design and construction supervision.
- Project currently under construction.
- **PATH - Residence, Tokyo.**
Did detail drawing and Interior design along with site supervision.
- **YST - Residence, Tokyo.**
Involved in design, detail drawing and Interior design along with site supervision.

MPN + Partners Hanoi, Vietnam | Designation - Architect

October 2016 - September 2017

- **National War Museum Competition, India - Third Prize.**
Provided crucial design inputs and did presentation for the Jury held in India
- **Veranda Residential Tower**
Designed room layouts and presentation drawings.
- **Dream Oceanami Resort, Vung Tau, Vietnam**
Did detail drawings and interior design for SPA, Beach Club.

Sou Fujimoto Architects Tokyo, Japan | Designation - Staff Candidate
(Architect)

August 2016 - October 2016

- **Shioria Hotel, Tokyo**
Helped in presentation and did conceptual physical model.
- **House NA, Tokyo**
Did physical model for displaying in exhibition
- **Mall Design, Tokyo**
Was involved in developing concept and model making

Cube Architects Bangalore, India | Designation - Professional Trainee

June 2014 - October 2014

- **Jayanna Residence, Bangalore**
Was involved in Interior design and detail drawing.
- **F.B.O.A.T., Chennai**
Did detail drawing and furniture design.

Competitions & Achievements

- **Global International Competition for National War Museum, India - 2016** 3rd Prize
It was a 2 stage competition held in Delhi.
- **GSEN Trophy - 56th Annual National Association of Students of Architecture (NASA) symposium - 2014** 2nd Prize
Analyse and Redesign of a urban slum in Nochikuppam, Chennai.
- **Akrithi`13 - a design competition for Pragnan`13.** 1st Prize
An Intercollege architecture competition for design of public space.

Skills

Software Skills

Auto Cad		ArchiCAD	
Autodesk Revit		Google Sketchup	
Adobe Photoshop		Lumion	
Adobe Indesign		Rhino	

Language Skills

English	Tamil	Kannada	Japanese	Vietnamese
Fluent	Native	Native	Beginner	Notion

Other Skills

Model Making | Sketching | Photography | Rendering

“Architecture is Frozen Music”

- Johann Wolfgang von Goethe

Contents

Professional works

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05 Garden of Existence

Indian War Museum Competition

01

MTK

A Passive house

The main ideology behind the design was to make the house passive by increasing the thermal properties of the building envelope. It being a recreational house for an American family, the idea was to open-up in the direction of the best view and create a thermally comfortable environment to live in.

Location - Karuizawa, Japan

Status - Under Construction

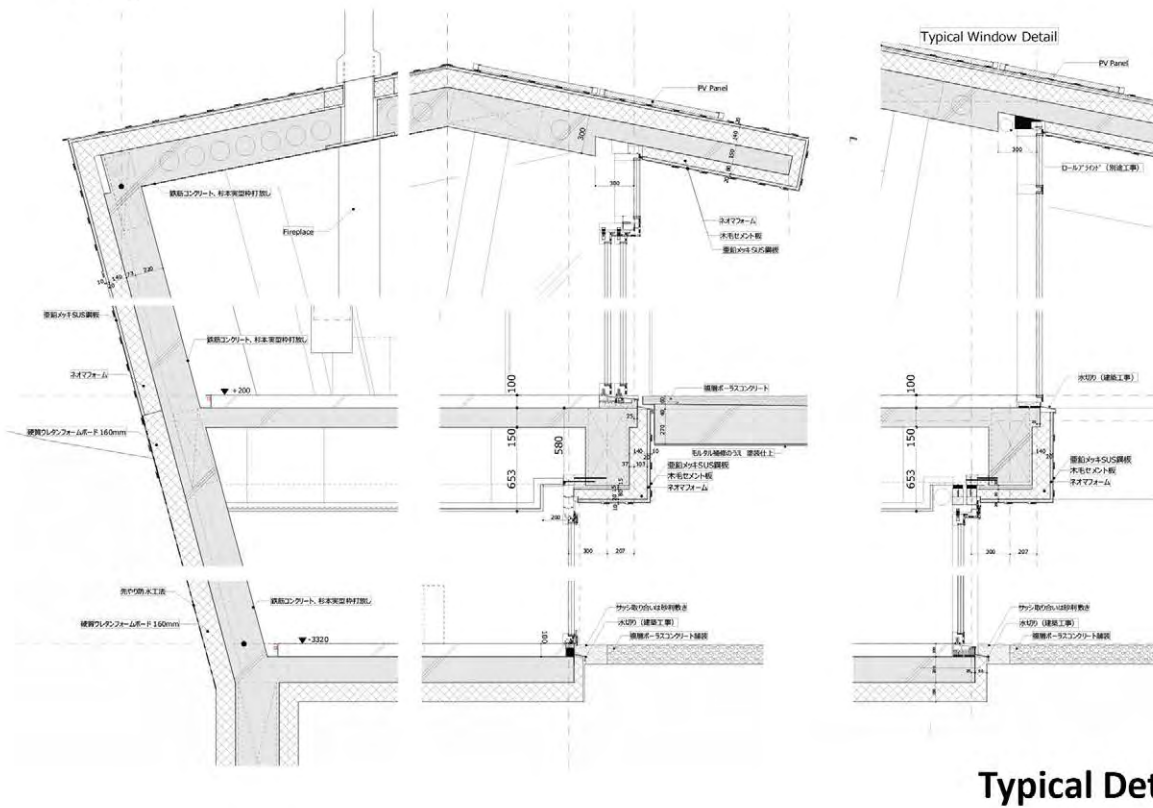
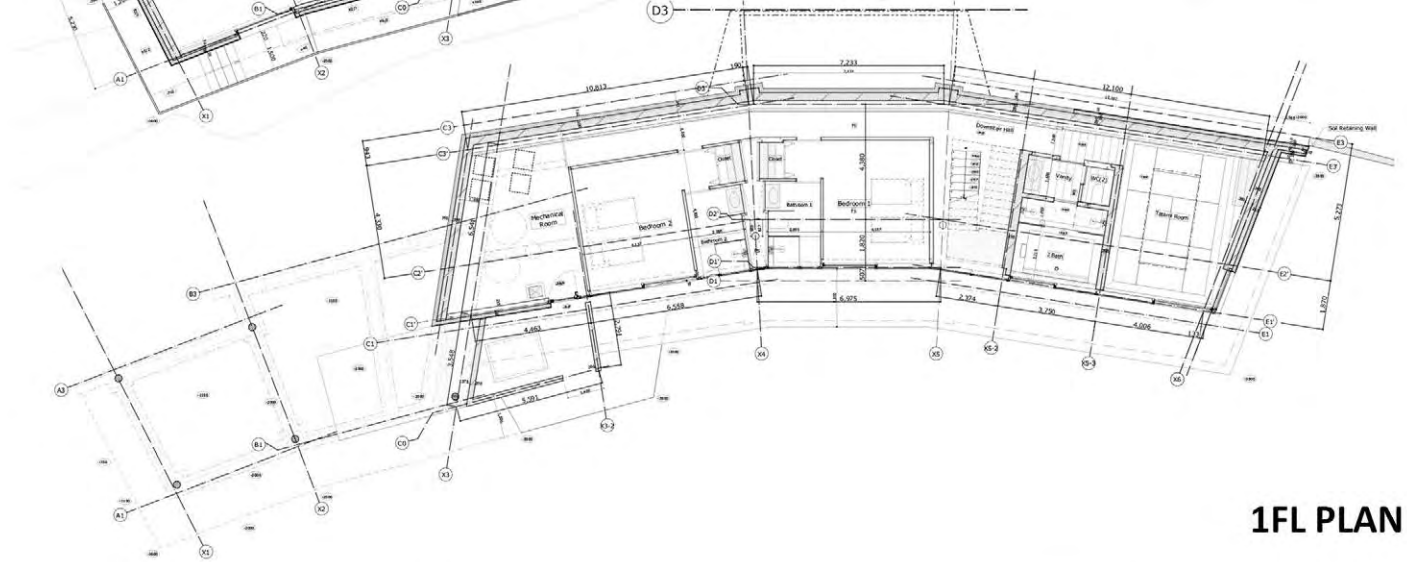
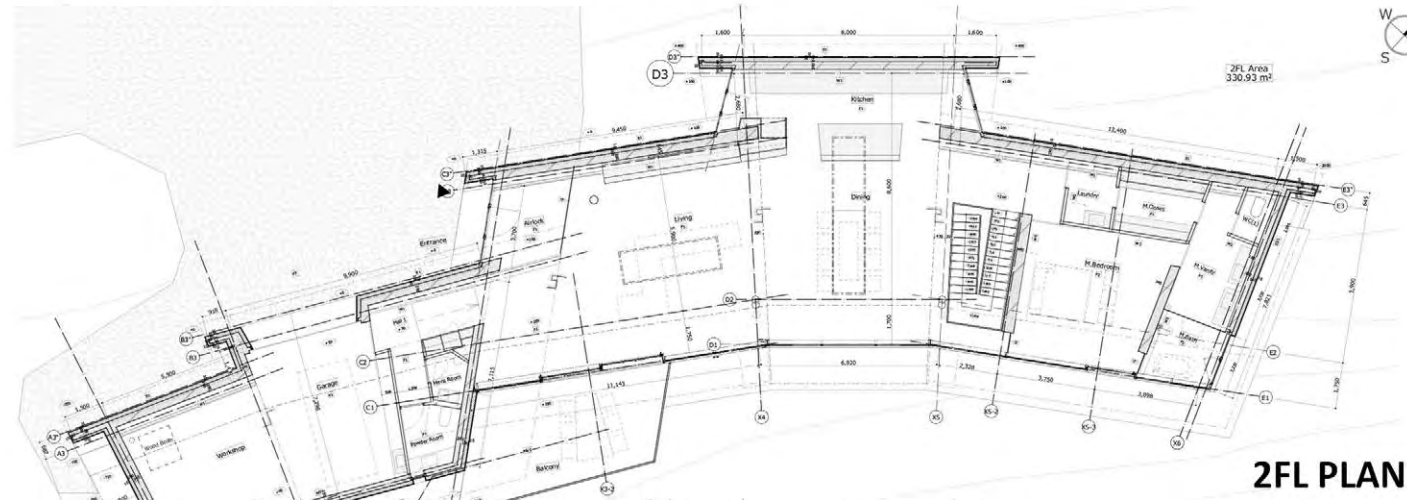
Floor area - 350m²

Responsibilities - Design development, detail design & site supervision.



THE DESIGN

The building was designed to look like interlocked folded papers in-order to create a massive feel inside the house. The building houses wood boiler and PV panels to supply energy for the house thereby making it a passive house.



02

Path

A natural scenery in an urban environment

The design seeks to explore the method to remediate or expand the existing landscape with RC framework and create an abstract natural scenery and live in there directly. The framework was finished rough to be part of the land, and the other interior features finished fine with a contrast. By separately treating conceptual expressions and living functions, we strive to realize architectural expression while guaranteeing comfort.

Location - Tokyo, Japan

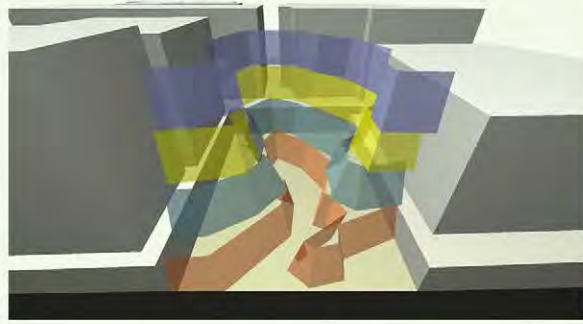
Status - Completed in September 2018

Floor area - 360m²

Responsibilities - Detail drawing and construction supervision.

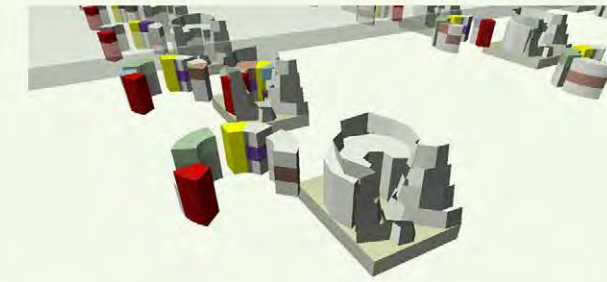


DESIGN PROCESS



Algorithmically study the impression of mountain surface to be assumed. The foot print was used to define the inner garden.

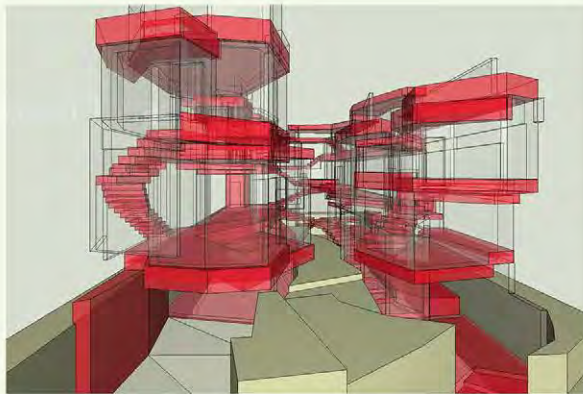
LOC	床	壁	天井	EV	廊	階段	玄関	庭	車庫	その他
1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
2F	2F	2F	2F	2F	2F	2F	2F	2F	2F	2F
3F	3F	3F	3F	3F	3F	3F	3F	3F	3F	3F



Study and organise the functional spaces in the mountain shaped volume.



After organising the spaces, the connection between them is defined in the sectional diagram.



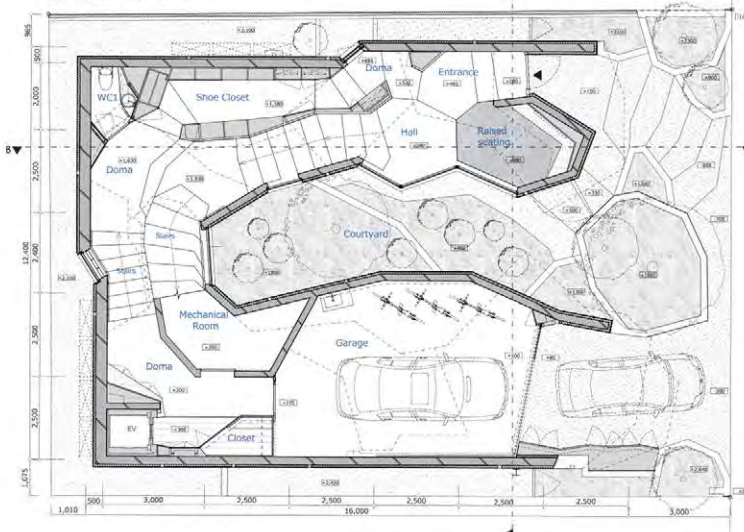
Study the whole volume and linkage between each space in 3D. Using this we defined the path that was endlessly traversed.



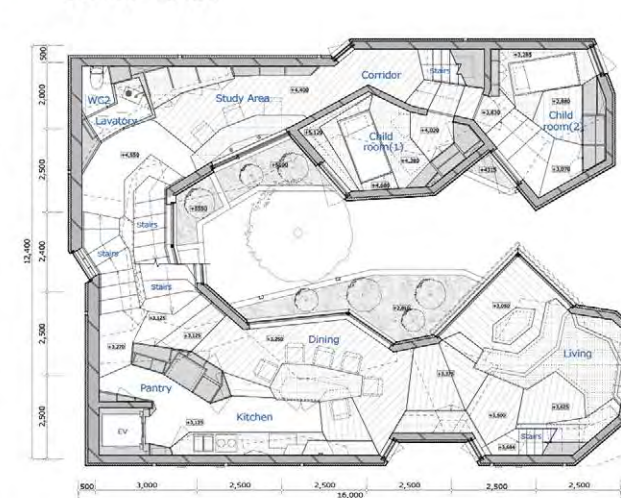
By gradually raising the accuracy of the model to the production design stage, the BIM model can be used more effectively.



1FL PLAN



2FL PLAN



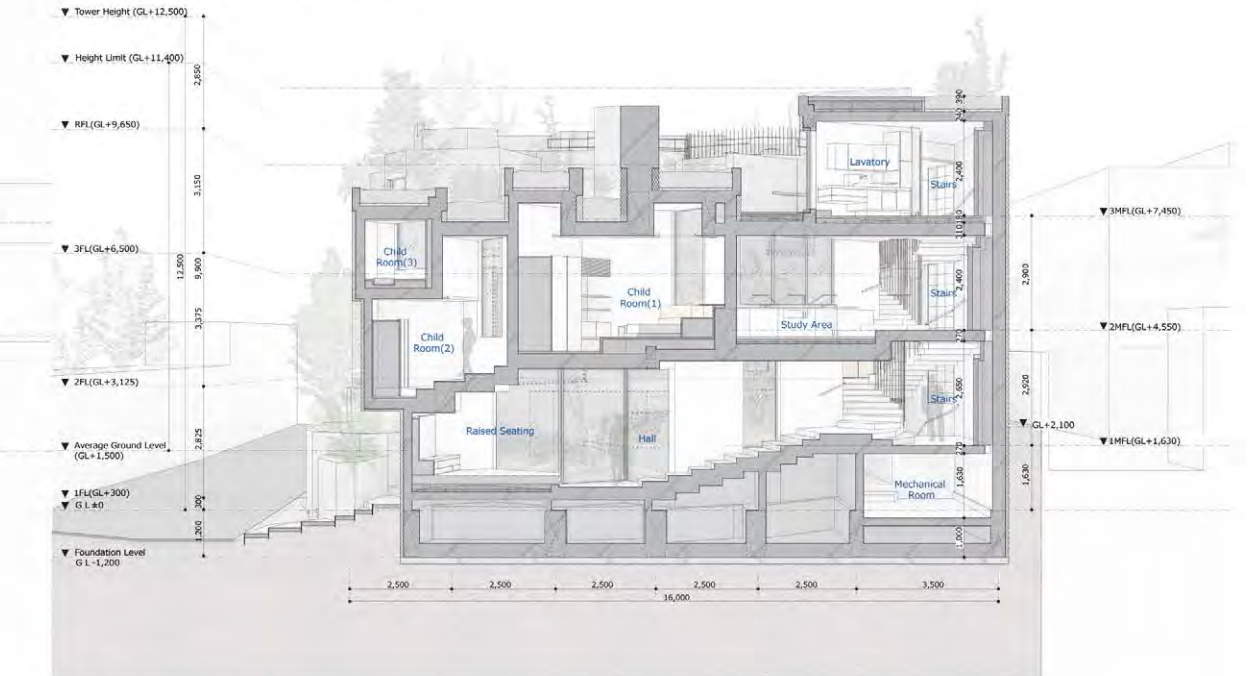
3FL PLAN



SECTIONAL PERSPECTIVE A



SECTIONAL PERSPECTIVE B





1F Hall near entrance



3F Vanity & Bathroom



Stair from 1F to 2F



2F Living Room



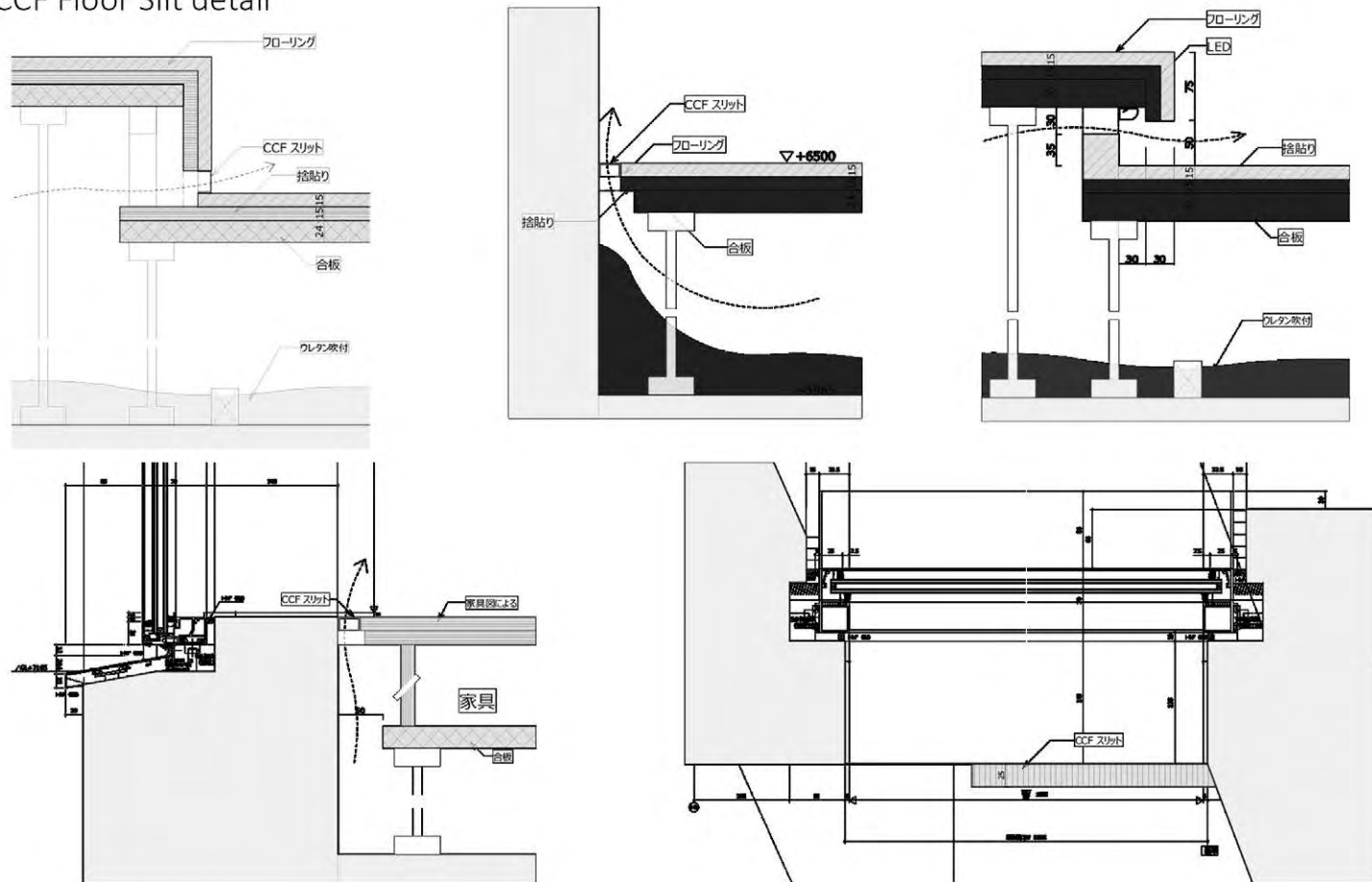
Stair from 2F to 3F, study area



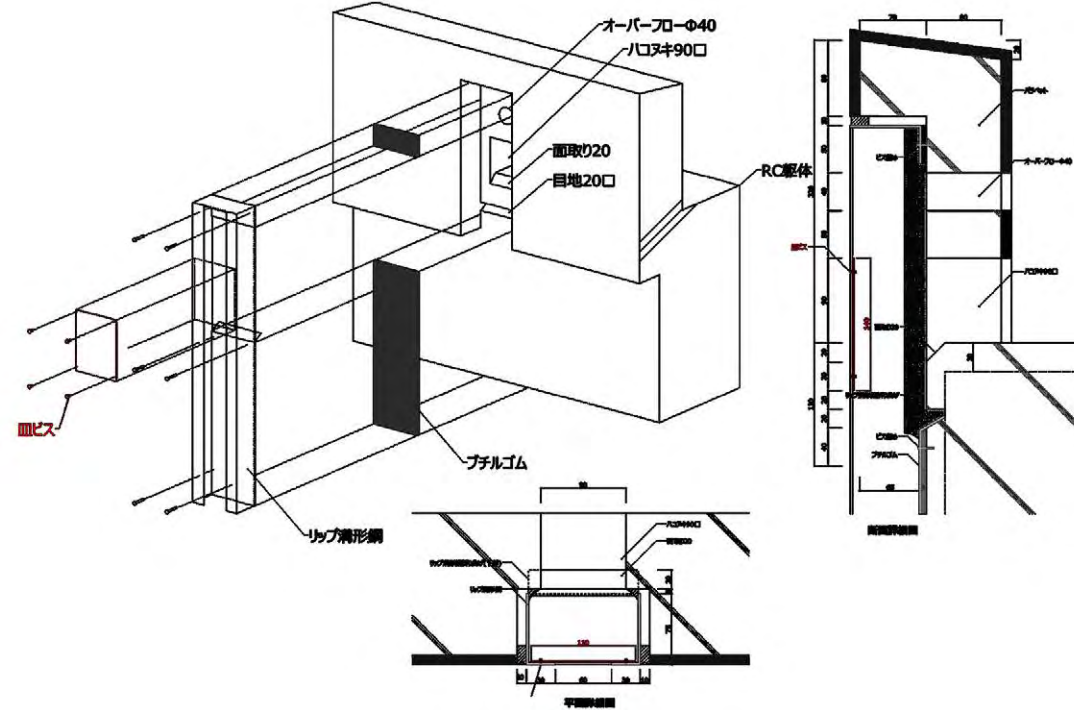
2F Living Room

DETAIL DRAWING

CCF Floor Slit detail



Roof drain detail



3F Father's room

03

SPACES, Saudi Arabia Office Interior

The design seeks to create an interactive office space with various meeting rooms and library areas for staffs to relax. The finishes in the business club are a combination of oak wood and brass coated metallic finish thereby creating an interesting space.

Location - Riyadh, Saudi Arabia

Status - Under Construction

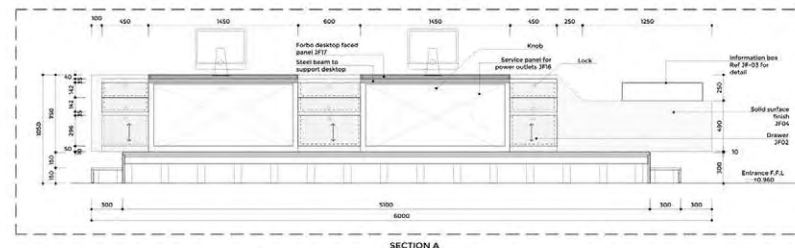
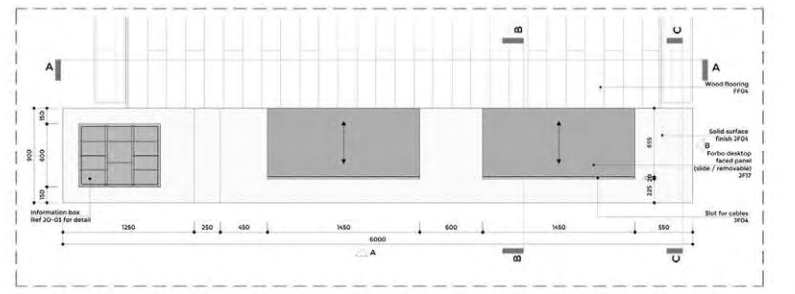
Floor area - 2788m²

Responsibilities - Interior Detail drawing.

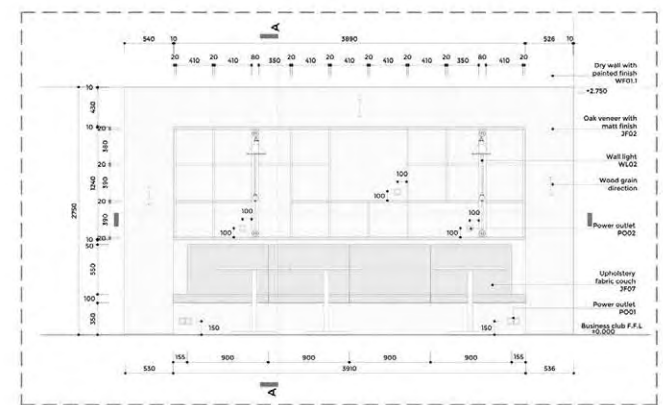
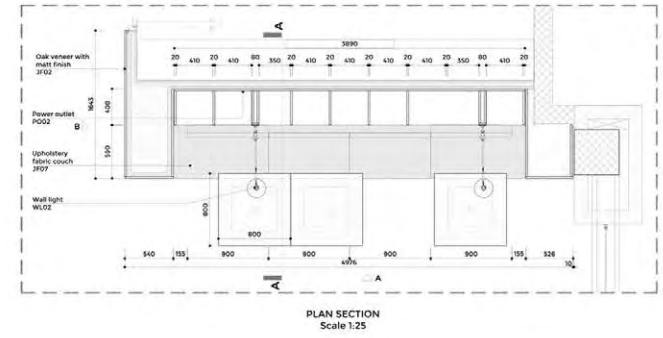


THE DESIGN

The design seeks to create a comfortable environment for the people working. I was mostly involved in detail design and Joinery of the interior along with seceding finishes.



Reception desk



Library Banquette seat



04

Veranda Apartment Complex

A contemporary design of an Apartment Tower in central Vietnam comprising of Retail on the ground level and various apartments on the upper floors.

The Tower consists of :

Retail - 3272m²

3 Bedrooms Apartments - 72

2 Bedrooms Apartments - 299

1 Bedroom Apartments - 337

Studio Apartments - 468

Total Rooms - 1176

Location - Vung Tau, Vietnam

Status - Detail Drawing Stage.

Responsibilities - Involved in concept development and design of room layouts





ROOF PLAN



PARKING LEVEL 2,3



LEVEL 4 - 8

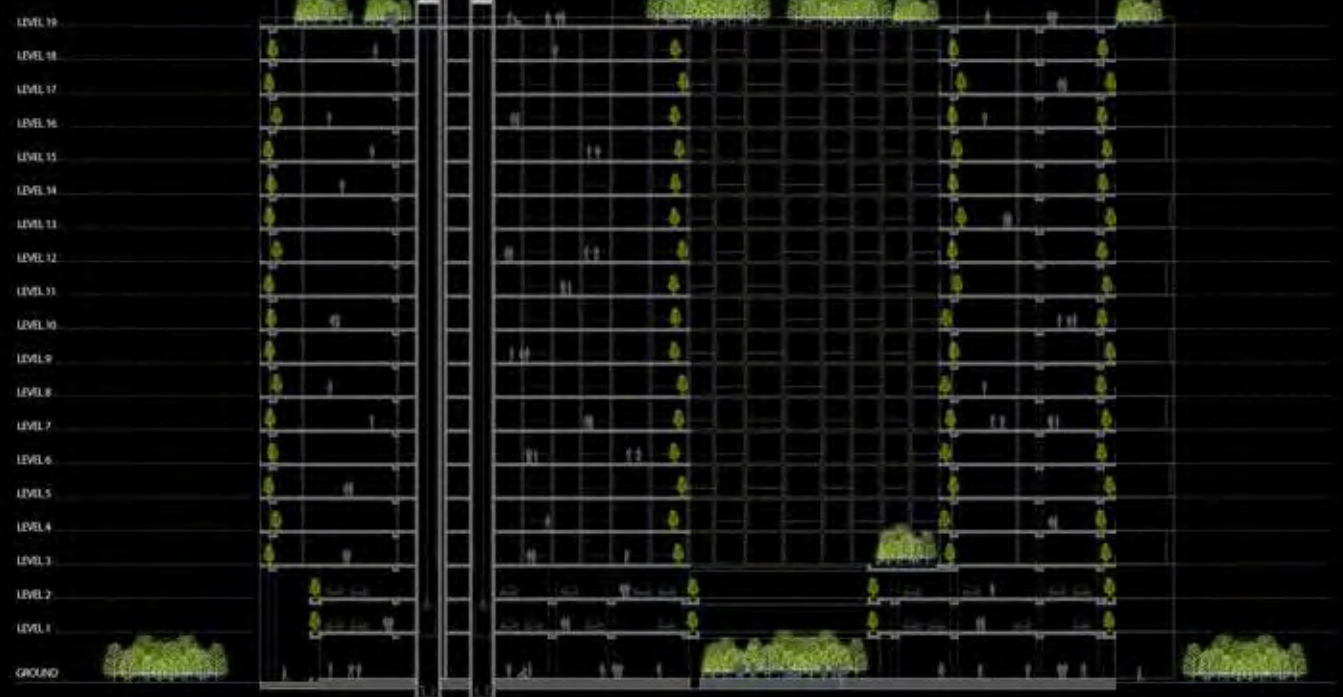


LEVEL 1



LEVEL 10 - 12

SECTION A-A'



SECTION B-B'



THANK YOU