

吴
宇
佳

EE
JIA
GOH

INTERIOR AND FURNITURE DESIGN PORTFOLIO



PROFESSIONAL SKILLS

- Software Knowledge: AutoCAD, Sketch Up, Indesign, Photoshop, Illustrator, Rhinoceros, RhinoCAM, Powerdirector, Microsoft Office
- Concept Development, Spatial Planning, Sketching and 3D Visualisation.
- Language & Communication: Speak and write in English, Chinese and Malay.

PERSONAL STATEMENT

- Open-minded and able to accept the views from others in different perspectives
- Strong international perspective and easy to integrate into different environment
- Strong sense of responsibility, execution, focus and put effort on every work
- Appreciate every single challenge and able to learn from mistakes
- Enthusiastic and helpful personality, easy going and good working attitude
- Strong team player and solve problems easily in teamwork
- Good time and self-management

ACADEMIC BACKGROUND

DUBLIN INSTITUTE OF TECHNOLOGY, IRELAND | SEPT 2013– JUNE 2017 **BA (Hons) in Design Interior and Furniture**

- Graduated with 2nd Class Upper
- 2016 Peter Rice Workshop (Team belongs won 3rd place)
Proposed a structure according to the brief in a team with architecture students. The team was supervised by ARUP engineers and lecturers.
- 2014 Students Learning with Communities, Ireland
Redesign Cross Care, Portland Row on the budget. Discuss and present to the staff.

RYERSON UNIVERSITY, TORONTO, CANADA | SEPT- DEC 2015

Exchange Programme

- Term GPA: 3.720 /4
- Chosen Project for RSID Year End Show 2016

PAY FONG HIGH SCHOOL, MALACCA, MALAYSIA | JAN 2008- DEC 2012

- Unified Examination Certificate (UEC) with 8A's and 2B's
- Malaysian Certificate of Education (SPM)
- Design leader or team member for High School Year Ceremony, class and society

WORK EXPERIENCE

JUNE 2016- PRESENT
SEPT 2019- PRESENT
SEPT 2017-SEPT 2019
SEPT 2016- JUNE 2017
JUNE 2016- SEPT 2016

MCCABE DESIGN GROUP, DUBLIN, IRELAND
FREELANCER INTERIOR DESIGNER
FULL TIME INTERIOR DESIGNER
PART TIME INTERIOR DESIGNER
INTERNSHIP

- Involved in the design of commercial, residential and exhibition stand.
- Working directly with the Creative Director in schematic design, design development, construction documents and construction administration.
- Main person who in charge of producing 3D modelling and 3D visuals to a presentation standard in short period of time.
- Working on several projects simultaneously.
- Managing company's website and social media sites.

OCT- DEC 2019

GENG DAN INSTITUTE OF BEIJING UNIVERSITY OF TECHNOLOGY, BEIJING, CHINA
UNIVERSITY GUEST LECTURER

- Voted as the third best lecturer among the school of over hundred lecturers
- Giving lectures on Technical Drawing and CAD in English and Chinese. Handling a class of 30 students.
- Arranging the time schedules, progress and content of a class.

APRIL- SEPT 2016

EIGHT DIMENSION TECHNOLOGY LTD., DUBLIN, IRELAND
PART TIME WEBSITE DESIGNER

- Designing logo, business card, flyer and website. Communicate, promote and present in front of the clients and programmers.

JUNE- JULY 2015

IDEAWORKSHOP INTERIORS SDN. BHD., MALACCA, MALAYSIA
INTERIOR DESIGN INTERNSHIP

- 3D Modelling, 3D Rendering, Technical Drawing, Sketching, Concept Research and Site Visit. Participated in a team for the design of hotel, office and café.

DEC 2017 - JAN 2018

SWATCH, DUBLIN, IRELAND

PART TIME SALE ADVISOR (CHRISTMAS PERIOD)

• Promoting the products to the customer and having a good customer service to handle the busiest sales period. Able to challenge myself and work well in a team to hit the target provided by the company. Clean and tidy up the space.

JULY -SEPT 2017

NEW LAGOON RESTAURANT, MELAKA, MALAYSIA

PART TIME WAITRESS

• Maintain a good relationship with customers and colleagues. Handling a few tasks while remaining good customer services. Serving food and drinks swiftly in a fast-paced restaurant. Clean and tidy up the space.

JULY - AUGUST 2013

KINDERWORLD EDUCARE SDN. BHD, MELAKA, MALAYSIA

DAY CARE TEACHER

• Taking care of children from ages 7-13. Teaching English, Mathematics and Chinese.

APRIL – JUNE 2013

AXA GENERAL INSURANCE BERHAD, MELAKA, MALAYSIA

ADMIN

• Entering customer data swiftly and accurately. Working with the others in a team.

INTERESTS

2004 - PRESENT

- Visitor to Milan Design Week and Salone del Mobile Milano | 17 - 21 April 2018
- Volunteer for Open House Dublin | 13 - 15 Oct 2017
- Play piano under ABRSM certificate until Grade 7, theory Grade 6.
- Photography and Editing. Travelling.

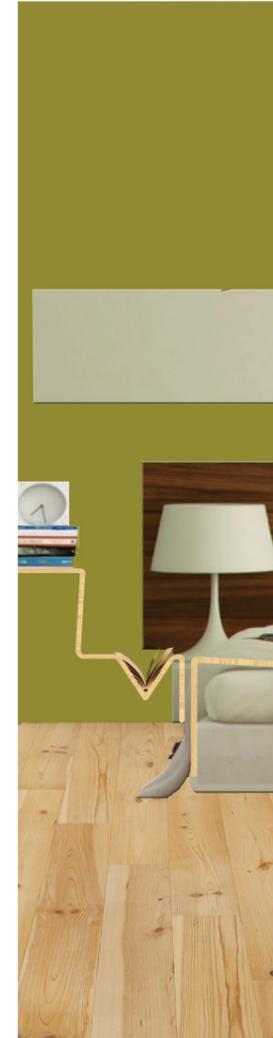
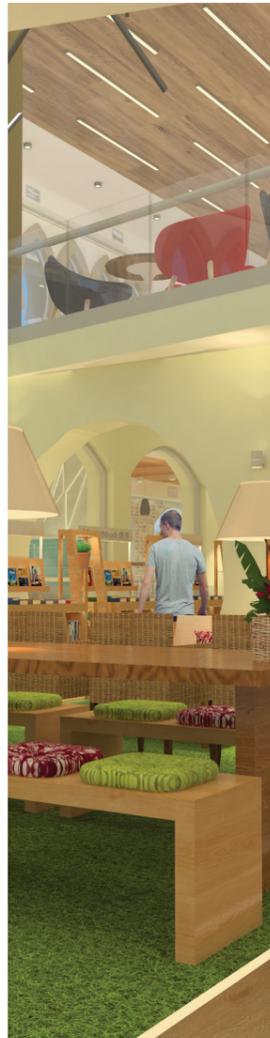
TAIWAN TZU CHI FOUNDATION MALAYSIA, UNITED KINGDOM AND CANADA

LEADER AND ADVISOR OF COMMITTEE OF TZU CHI YOUTH

VOLUNTEER

Organising events and camps. Stage performance in the events. Visiting and helping the orphanage and elderly home. Recycling and beach cleaning.

CONTENTS



6-10

Working Experience

11-14

4th Year Final Project: Platform Library

15-16

3rd Year Student Accommodation: An Baile

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3rd Year Retail: Casa De Marriage

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3rd Year Office: Wildthink

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2nd Year Commercial Domestic: Jayee Apartments

22

3rd Year Digital Fabrication & 1st Year Cardboard Chair

23

2nd Year Flexible Living & Storage



3D RENDERINGS: FONEZ



PHOTOS OF DROMOLAND GOLFCLUB, CLARE, IRELAND

3D RENDERINGS: JAPANESE RESTAURANT





PHOTOS OF BIDAS CORNER BAR, LETTERKENNY, IRELAND

PHOTOS OF 4LANTERNS
FAST FOOD RESTAURANT
IN SLIGO, IRELAND.



3D RENDERINGS: BAR AND RESTAURANT





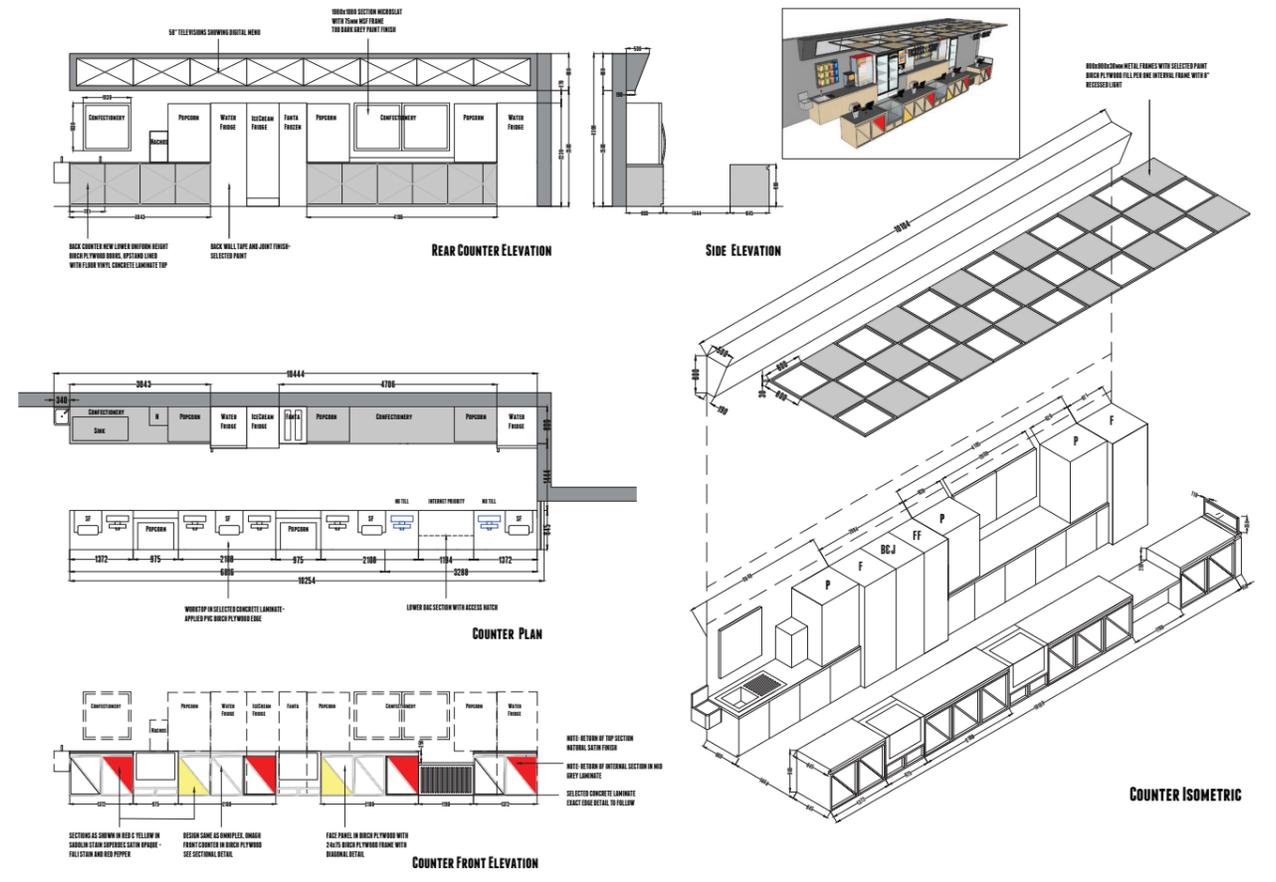
3D RENDERINGS OF CAFE IN MALACCA, MALAYSIA

3D RENDERINGS OF FRANKLINS CAFE AND RESTAURANT IN LIMERICK AND GALWAY, IRELAND

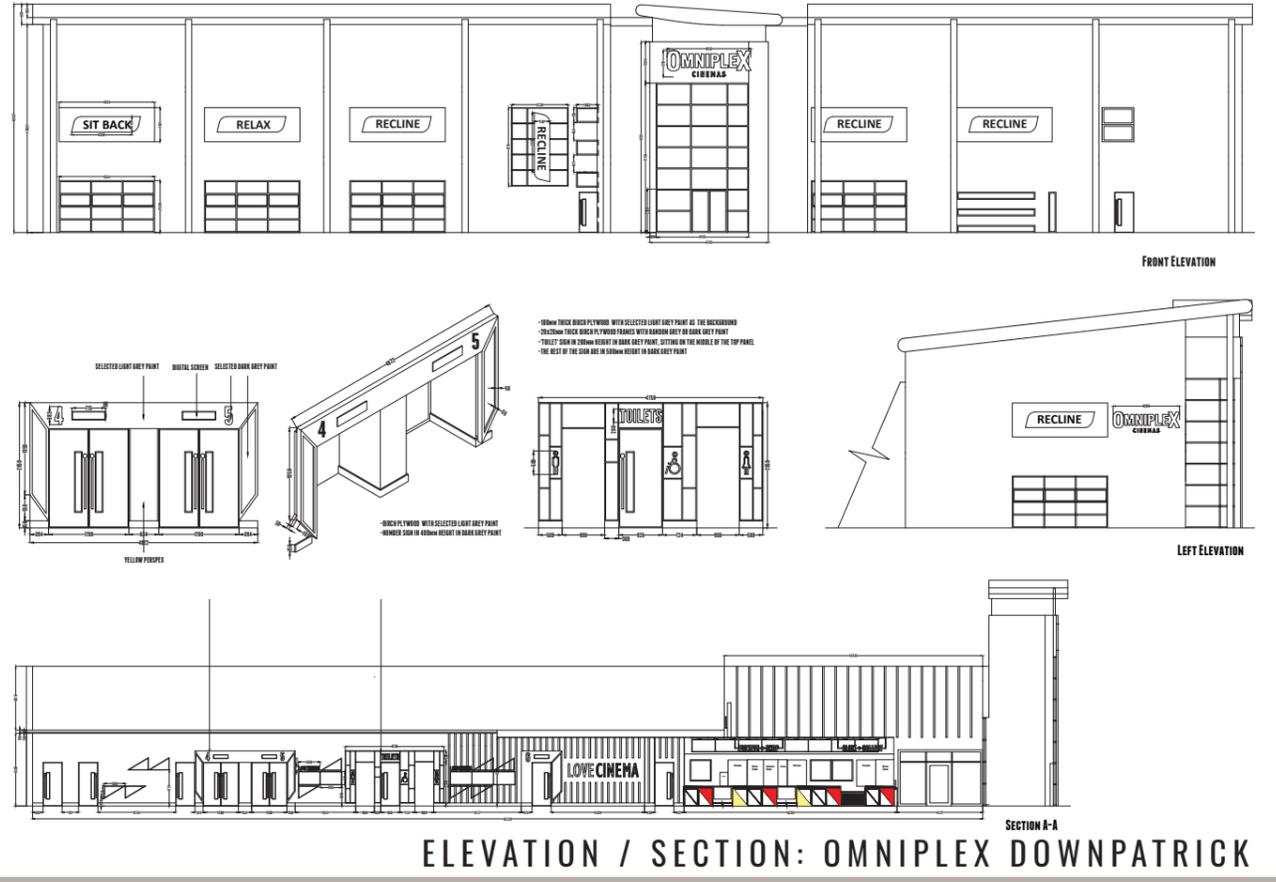


3D RENDERING: CAFE





COUNTER DETAILS: OMNIPLEX DOWNPATRICK





PHOTOS OF OMNIPLEX, OMAGH, NORTHERN IRELAND

3D RENDERINGS: EXHIBITION STAND

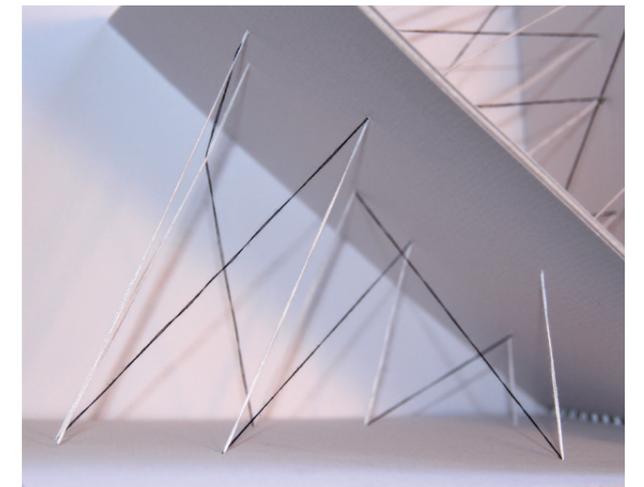




HANGING GARDEN READING AREA



KUALA LUMPUR RAILWAY STATION



CONCEPT



LOGO

The aim of the final year project is to transform the early 20th century Kuala Lumpur Railway Station in Malaysia into a library. The architectural style of the railway station is a mixture of eastern and western designs.

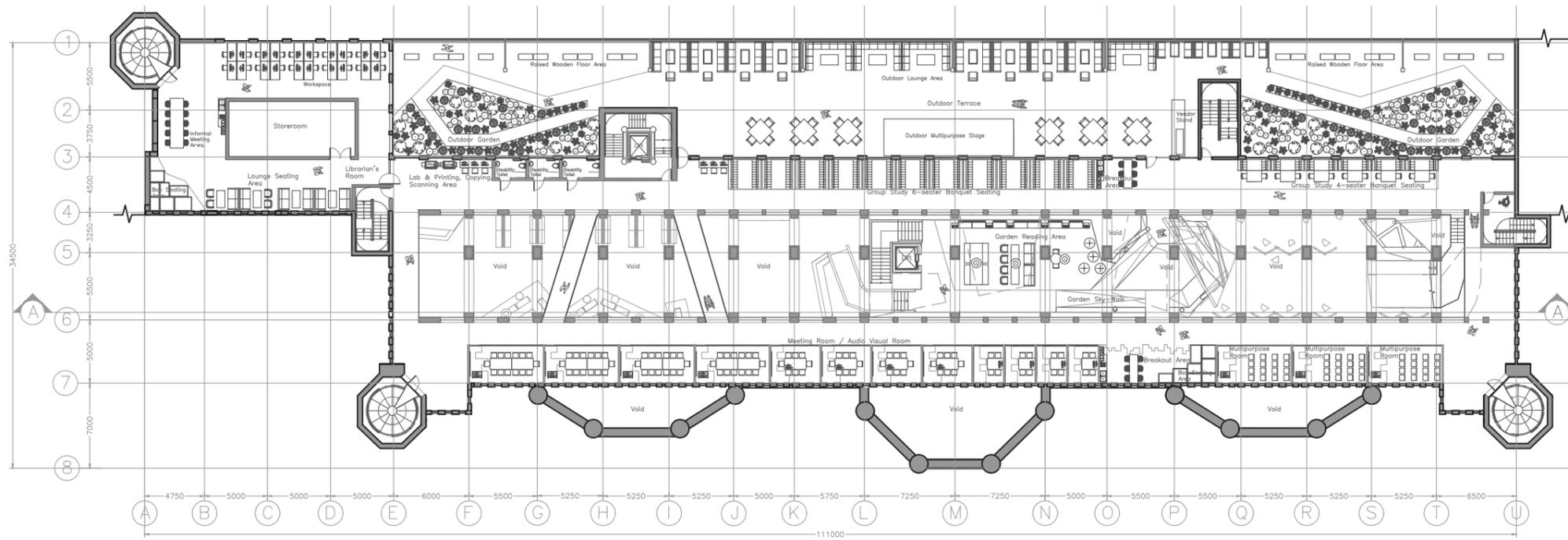
By combining the original building features and proposed functions, the concept of this project is derived from the shapes and forms of strings, horse-shoes arches and books.

It helps design a new main acoustical structure with six red slanted columns that create a pleasant and interesting library experience.

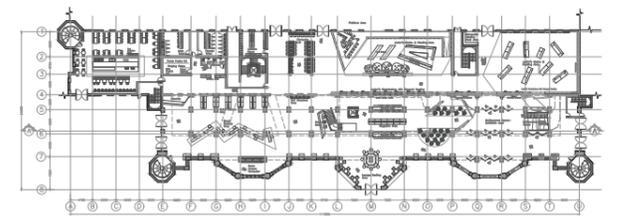
Platform Library and Café consists of café, hanging garden reading area, exhibition space, meeting rooms, junior books area, adult books area, study area and so on. The study area is divided into group study area, individual study area and focus study area to suit different users.

This library is not just for reading and studying, but also a place to spend a whole day for hanging out, eating, chitchatting, meetings, exhibition and lectures.

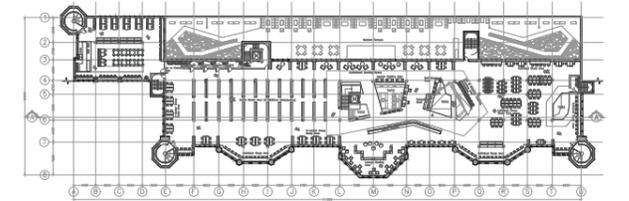
Using different tones of timber finishes on flooring and furniture with accent colours on upholstery fabrics, it creates a contemporary library in the old and historical building.



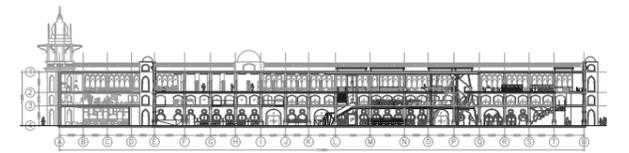
FIRST FLOOR PLAN



GROUND FLOOR PLAN



SECOND FLOOR PLAN



2D SECTION

This library is designed according to the noise level of each space and the conditions of the existing spaces. Acoustics is one of the important considerations for this design. In addition to the main acoustical structure in the middle of the library, acoustical materials have been covered from the ceiling, walls, lightings and floorings.

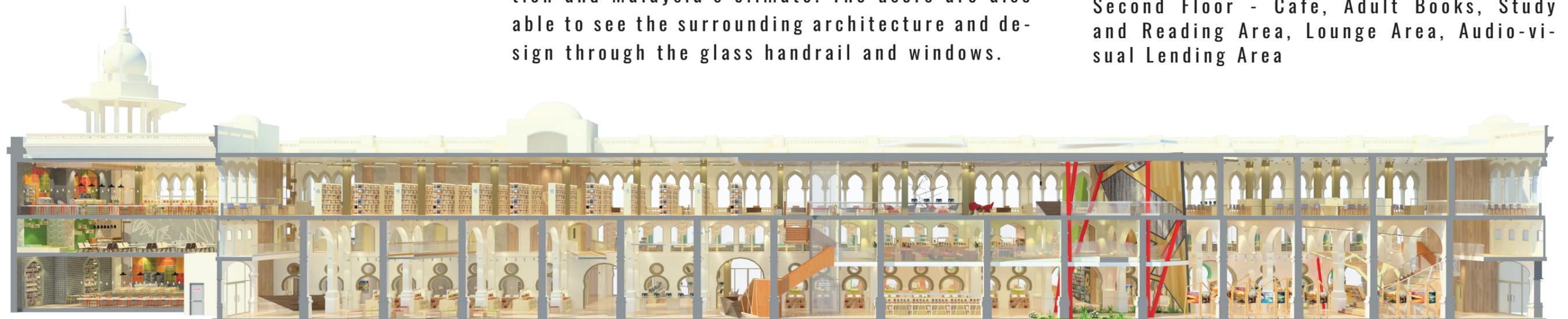
Apart from that, wood and glass have been selected for the dominant materials to create a comfortable home-like library. The types of wood have been carefully chosen to provide a contemporary feeling. Laminated low-emissivity toughened glass and aluminium frame with motorised shades are used for the arched window in order to maximise the use of natural light with considerations of the building's orientation and Malaysia's climate. The users are also able to see the surrounding architecture and design through the glass handrail and windows.

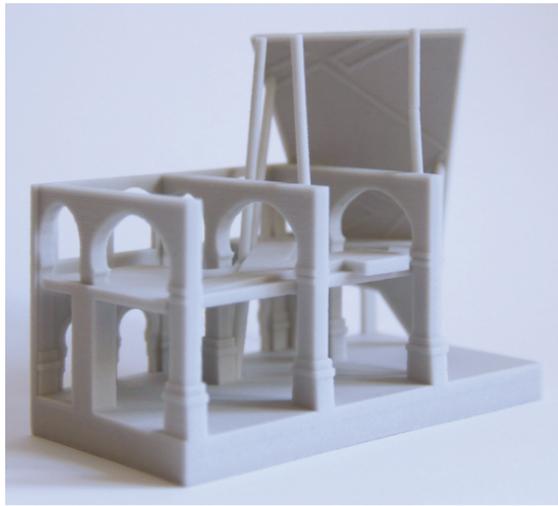
FLOOR LEVEL GUIDELINE

Ground Floor - Cafe, Security, Quick Access Area, Lobby, Reception, Lounge Area, Multipurpose Space, Computer Labs, Junior Area

First Floor - Librarian's Room, Meeting & Multipurpose Rooms, Group Study Area, Hanging Garden Reading Area, Outdoor Terrace

Second Floor - Cafe, Adult Books, Study and Reading Area, Lounge Area, Audio-visual Lending Area

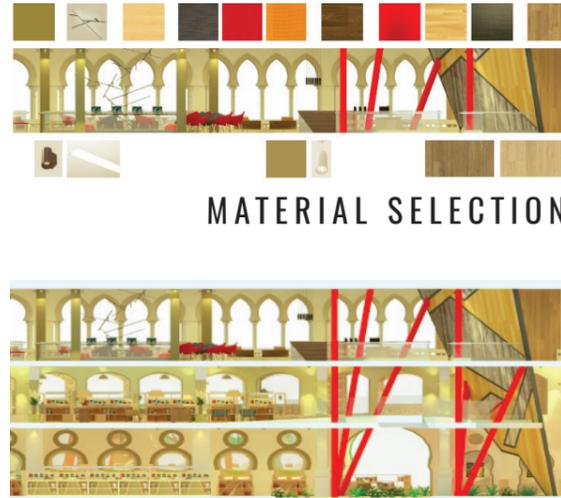




3D PRINTED MODEL



3D SECTION

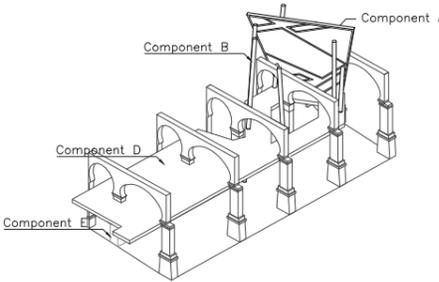
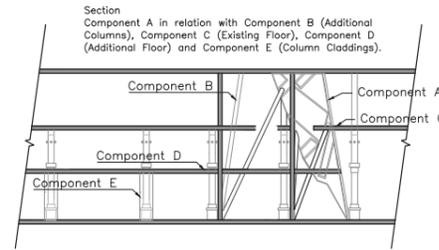
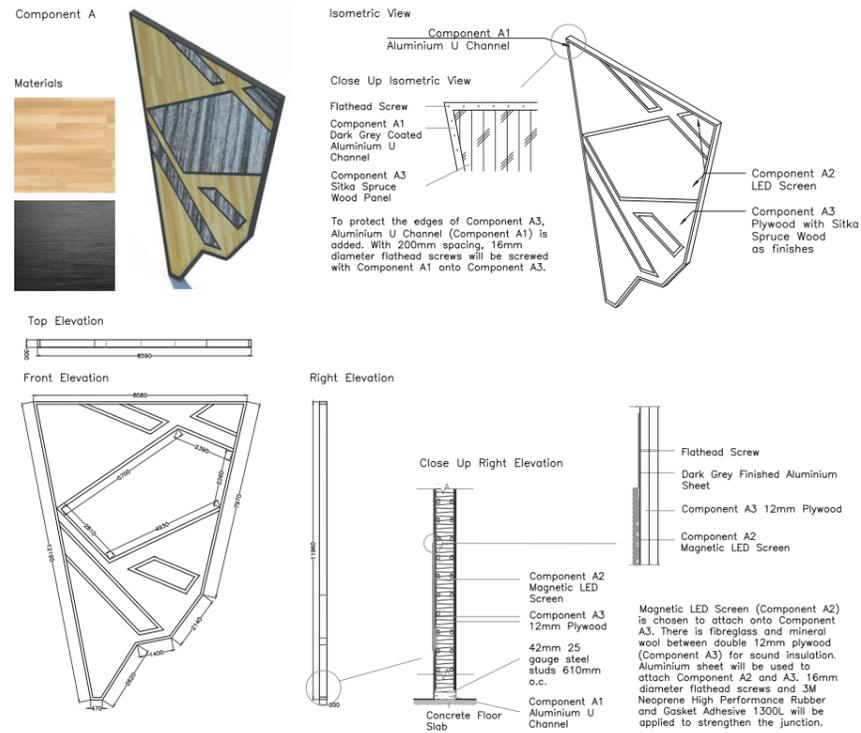


MATERIAL SELECTION

RENDERED WALL ELEVATION

From the concept development, the upright structure is made of acoustical material. It is also a LED screen which plays the video of nature to reflect the idea of a garden. The part of the mezzanine floor under the upright structure has been designed into a ramp which allows people, as well as disabled people to access from mezzanine to the first floor. There is a smaller void in the middle of the ramp that allows people to view the upright structure from the ground floor.

Construction Detail Drawings 1- New Structure

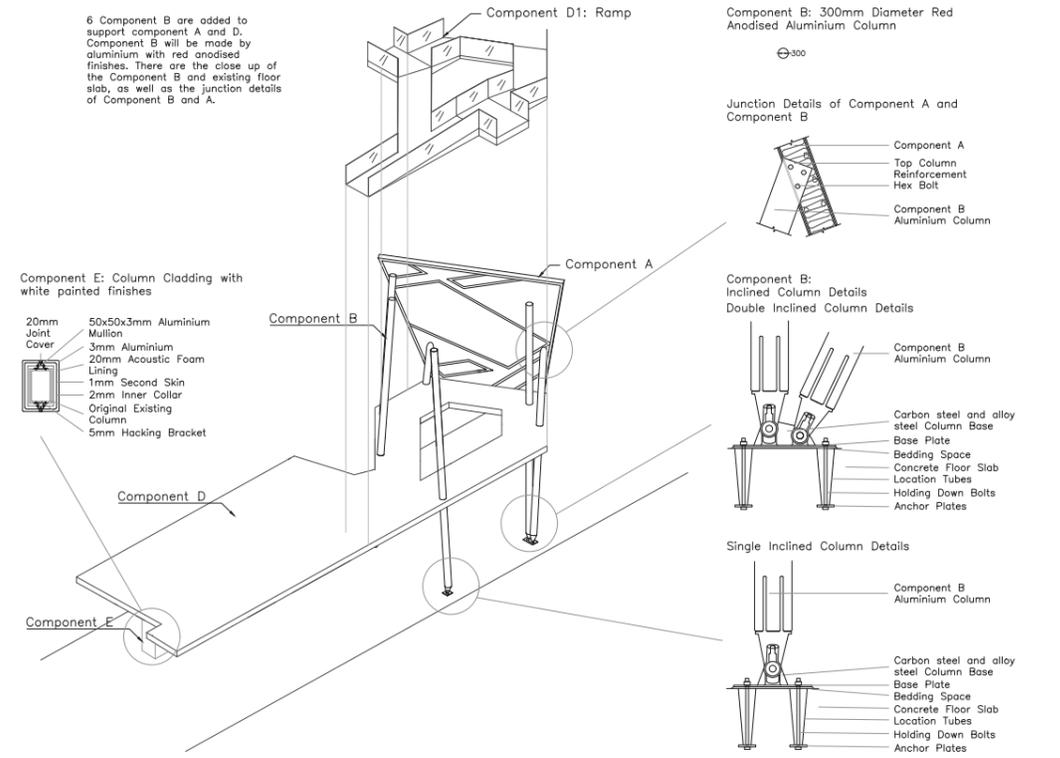


Component A to Component E are located in part M to Q on the section drawing, which is nearly the middle of the existing void.

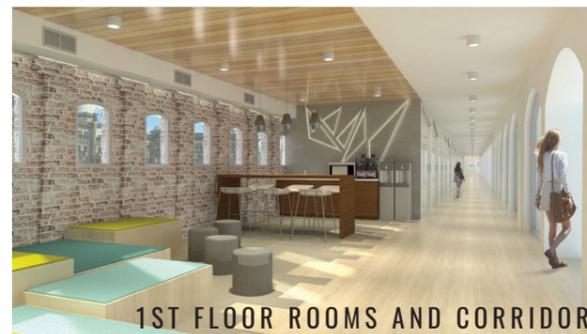
Component Name

- Component A - New Acoustical Upstanding Structure
- Component B - Red Inclined Aluminium Columns
- Component C - Existing 2nd Floor Floor Level
- Component D - New Mezzanine Floor Level
- Component E - Column Claddings

6 Component B are added to support component A and D. Component B will be made by aluminium with red anodised finishes. There are the close up of the Component B and existing floor slab, as well as the junction details of Component B and A.



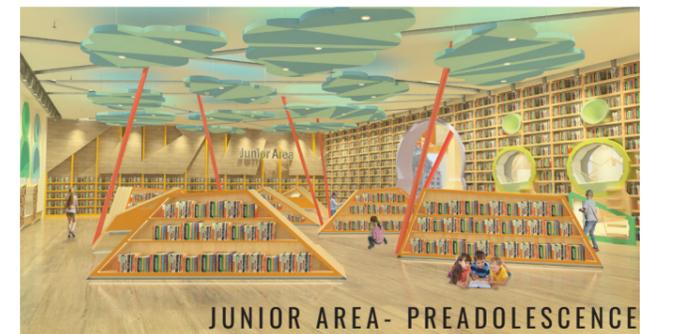
MULTIPURPOSE SPACE



1ST FLOOR ROOMS AND CORRIDOR



JUNIOR AREA- EARLY TO MIDDLE CHILDHOOD



JUNIOR AREA- PREADOLESCENCE



A darker tone of the concrete wall and Raven Oak flooring have been chosen to create a calm and relaxed space.

The timber louver windows from the local inspirations are designed to provide a warm and rustic interior.

CAFE

LOBBY



2ND FLOOR RECEPTION AND ADULT AREA

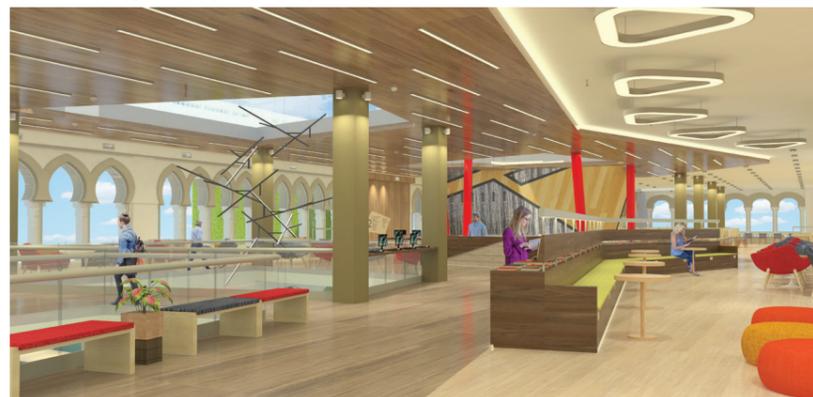


PHOTO OF FINAL EXHIBITION STAND





PHOTO OF EXHIBITION
INSTALLATION



TWINS BEDROOM



SINGLE BEDROOM



TWINS CORNER ROOM



COMMON AREA



AN BAILE **CONCEPT**
An Baile, the home of the student's at DIT Grangegorman. The design is inspired by the stonework of the original buildings at the site.



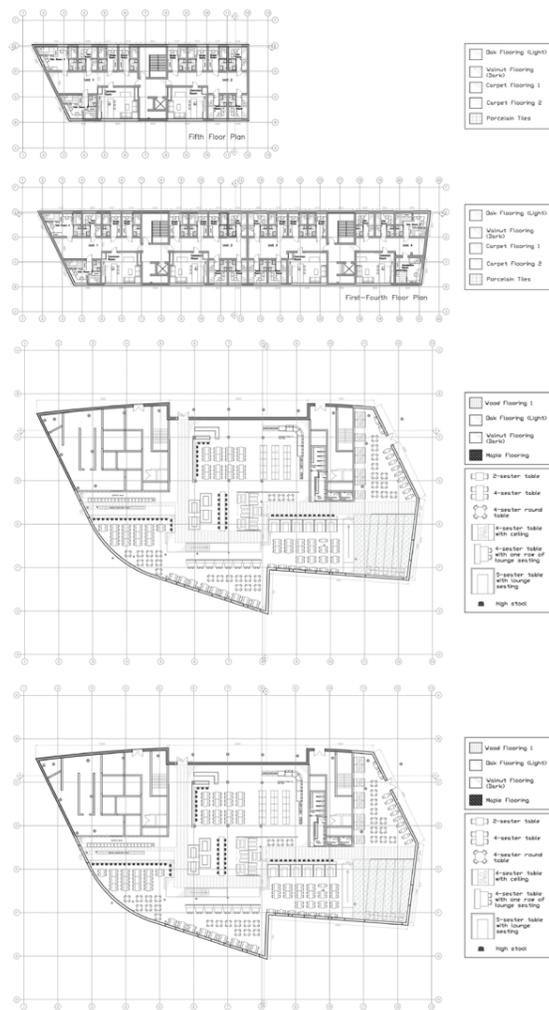
GROUND FLOOR



MEZZANINE FLOOR

There are 6 floors in total including ground floor and mezzanine floor for the restaurant, 4 bedroom floors plus a penthouse. It will accommodate 34 students per floor with 8 to 9 students in each unit, providing disability accessible rooms on each floor.





PLANS DRAWING



GROUND FLOOR- BUFFET AND SEATING AREA



2D SECTION



GROUND FLOOR- LADIES BRIDAL WEAR

It has constructed a new self-supported multi-level interior by not damaging the existing building. The department contains ladies bridal wears, men's formal wear, fragrance and accessories.

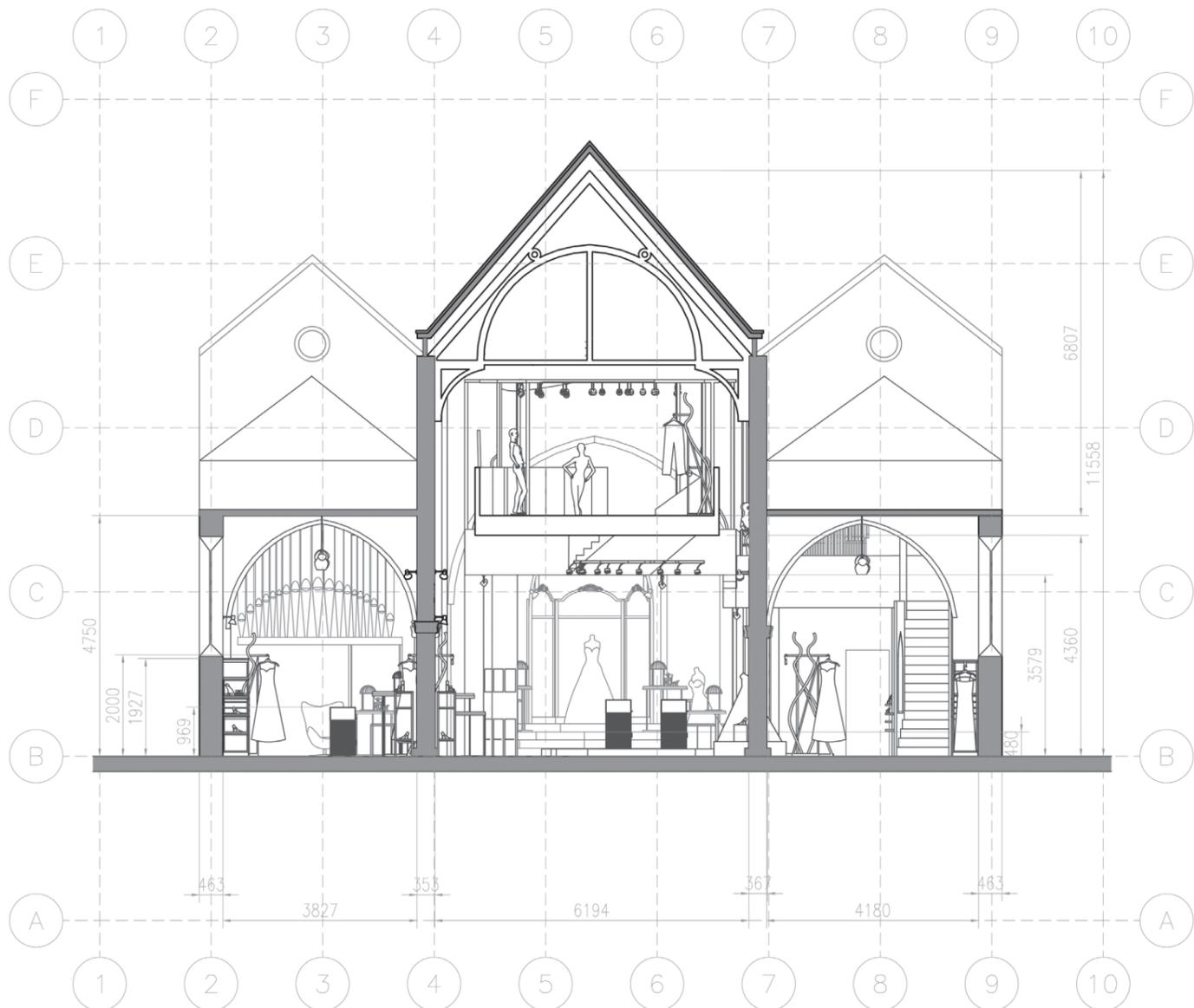
BUILDING



The brief is required to re-design the interior of the old Methodist Church on Northumberland Avenue, Dun Laoghaire for retail purpose.

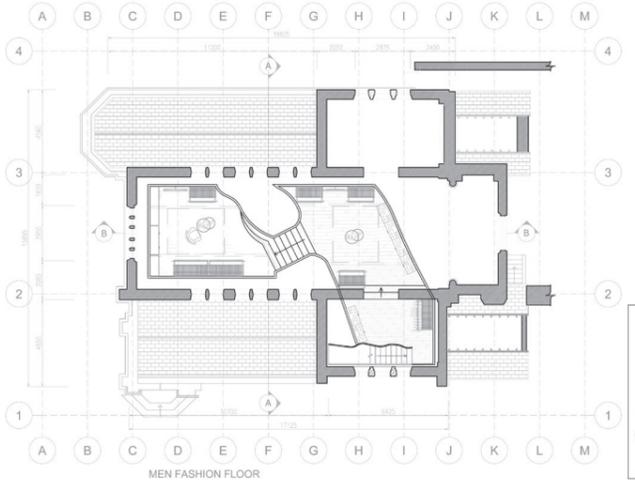
RENDERED WALL ELEVATION



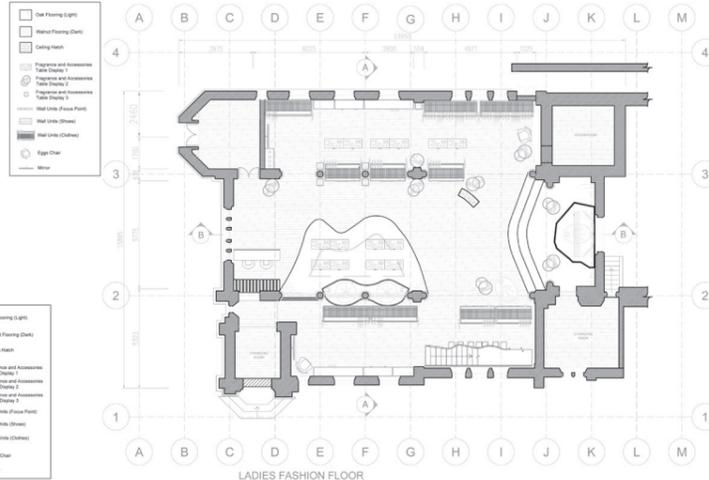


2D SECTION

FIRST FLOOR PLAN



GROUND FLOOR PLAN



FIRST FLOOR
MEN FASHION WEAR



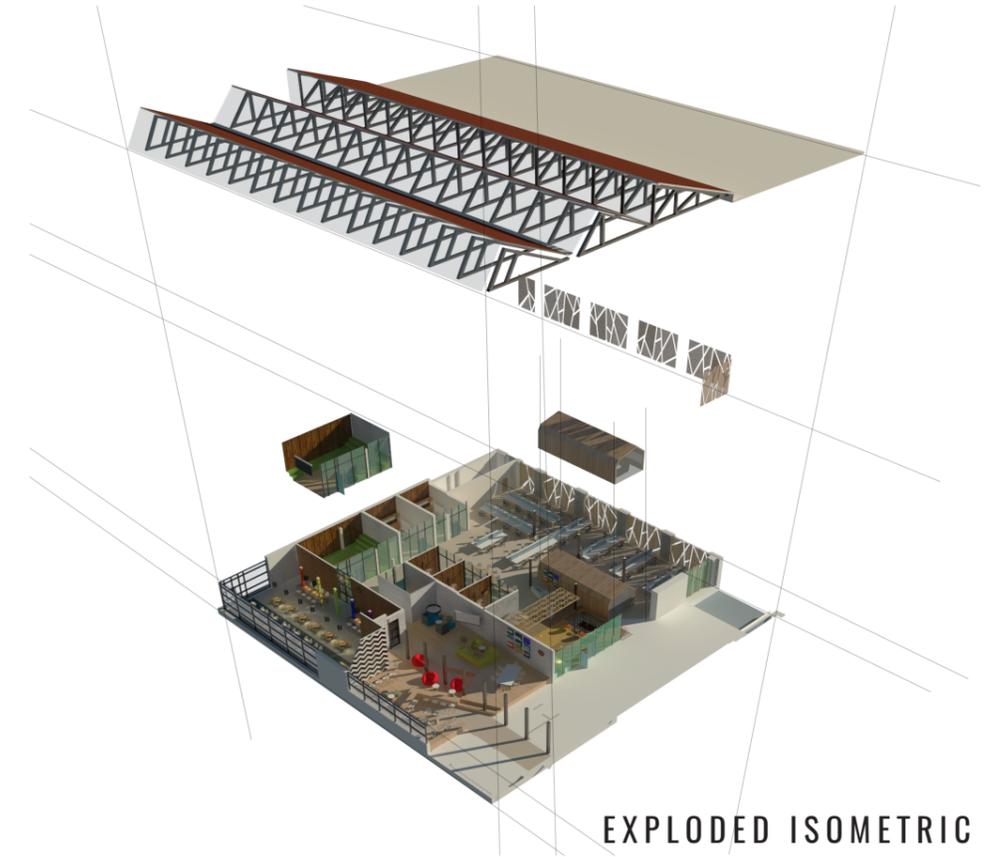
GROUND FLOOR
RECEPTION DESK,
LADIES FASHION WEAR



3D SECTION



RECEPTION



EXPLODED ISOMETRIC

SKETCHING PROCESS



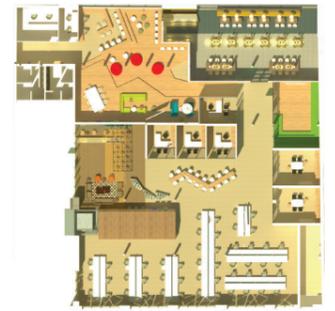
This project is to transform an old warehouse in Toronto into an office. Collaboration and innovation is the main goal of this design.

Promote team work, enhance the activities and quality of work and productivity are also the aim. The way the space is designed with numerous type of seats to provide a different function for the employees became an important factor.

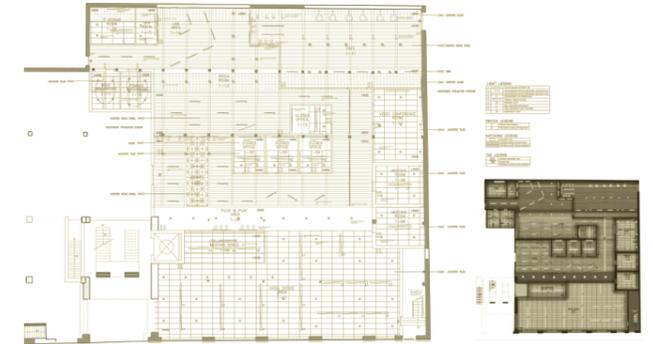
The whole design and material picked is to link up with the original site building and also create an industrial and contemporary feeling with little touch of bright colours to stimulate the collaboration and innovation of the office.



3D SECTION



RENDERED PLAN



REFLECTED CEILING PLAN

To prevent from having noise problem, enclosed café was separated from the open office with high walls to ceiling. Pitch room is also located farer to workstation. Both rooms have brick walls that are also a sound absorbing treatment. In addition, collaborative meeting space and meeting rooms have acoustic tiles as ceiling and carpet as flooring finishes. Video-conference room also has felt as seating to absorb the sound. Besides, workstation has acoustic ceiling tiles, sound masking system, table screen, and carpet to absorb and provide a quieter individual working desk.

A lack of sound privacy is the down side of an open office. Aggravating, loud, or horrible distractions such as loud keyboard and printer, noisy heating and air conditioning system or the ring of a cell phone will be the issues of open office.

Furthermore, private office that has more privacy meeting has a 2/3 acoustic tiles and 1/3 glass as ceiling to enclosed the offices to make sure users has more privacy.



WORKSTATION



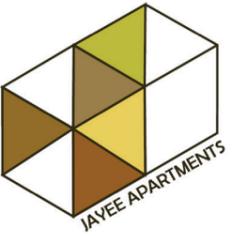
PITCH ROOM



PITCH ROOM



CAFE



LIVING ROOM



KITCHEN, DINING AREA AND STAIRCASES



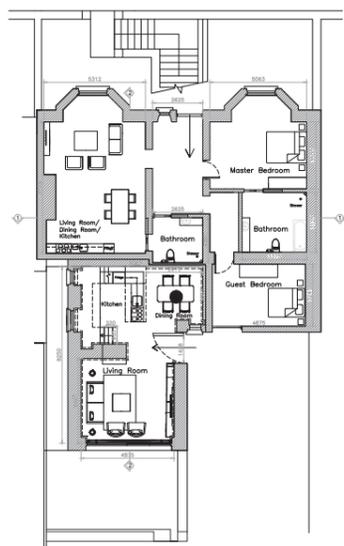
LIVING ROOM



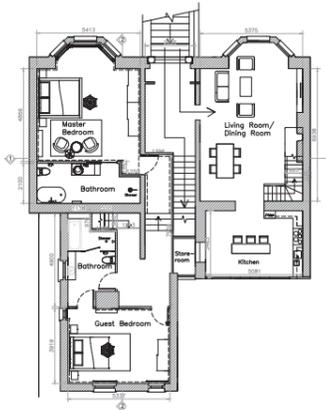
MASTER BEDROOM

The brief is to redesign a Victorian house into four apartments. It is a protected structure, which includes three floor and an attic.

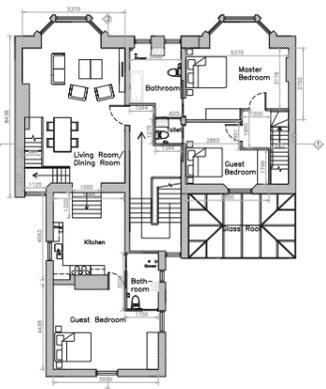
To remain the original features into new interior design is the goal of this project.



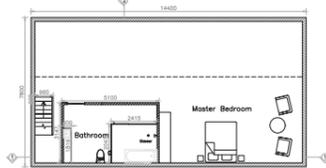
GROUND FLOOR PLAN



FIRST FLOOR PLAN

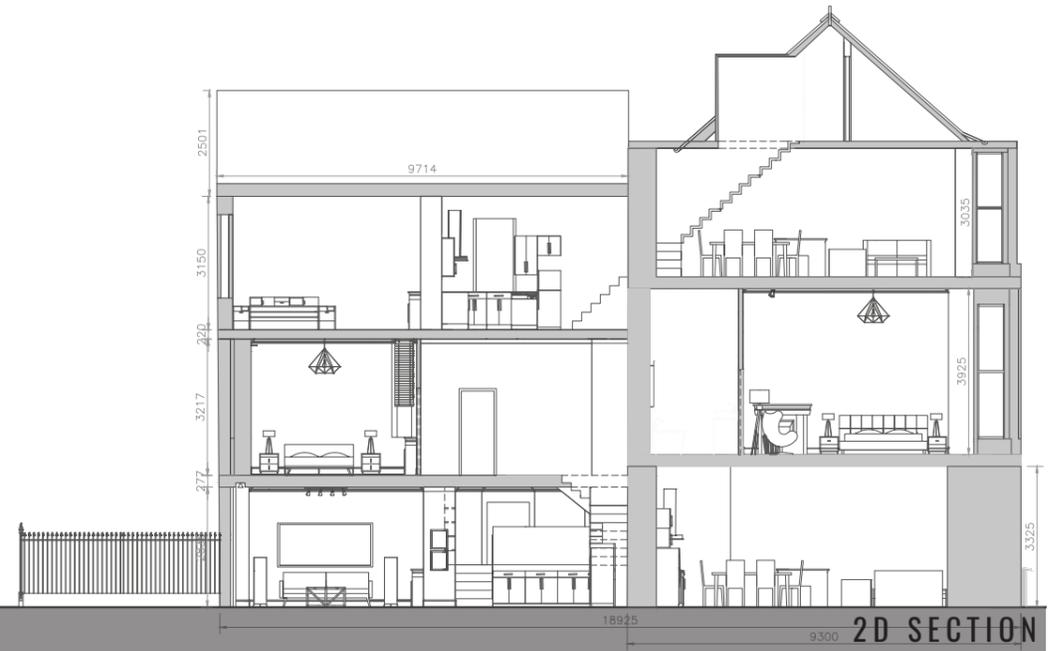


SECOND FLOOR PLAN



ATTIC FLOOR PLAN

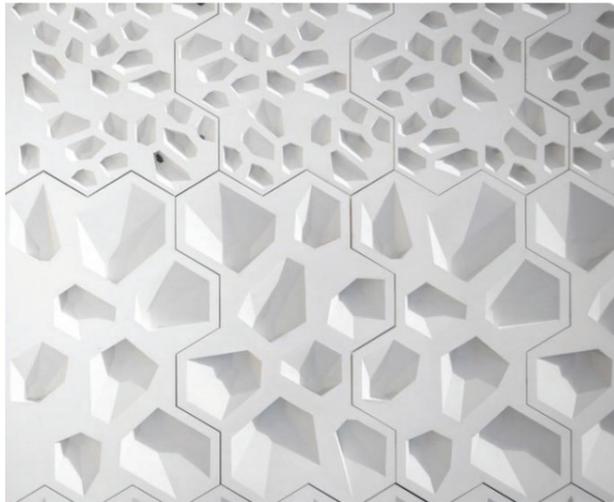
Room	Area (sqm)	Volume (cu m)	Notes
Living Room	18.5	55.5	
Dining Room	12.0	36.0	
Kitchen	10.0	30.0	
Master Bedroom	15.0	45.0	
Guest Bedroom	10.0	30.0	
Bathroom	5.0	15.0	
Staircase	3.0	9.0	
Corridor	2.0	6.0	
Storage	1.0	3.0	
Other	1.0	3.0	
Total	65.5	196.5	



2D SECTION

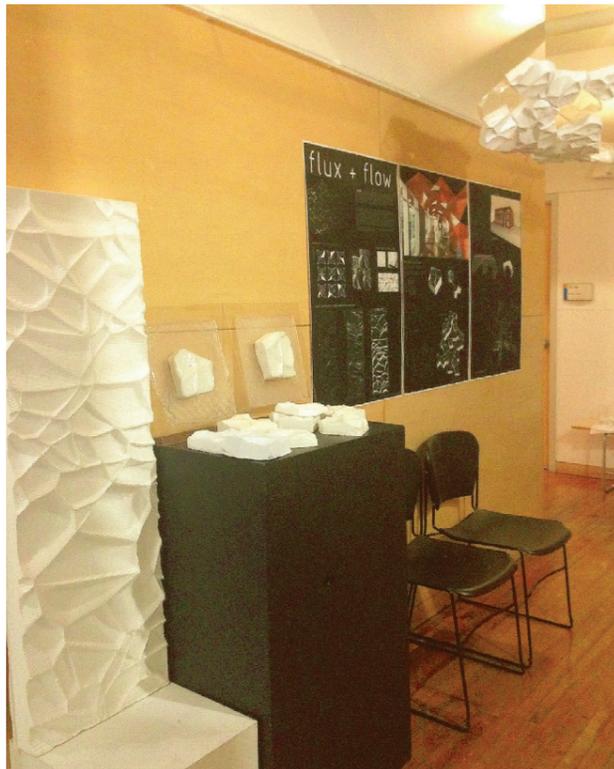


3D MODELLING PROCESS



RHINOCEROS COMPUTER DRAWING

PHOTOS OF FINAL PRESENTATION



DIGITAL FABRICATION

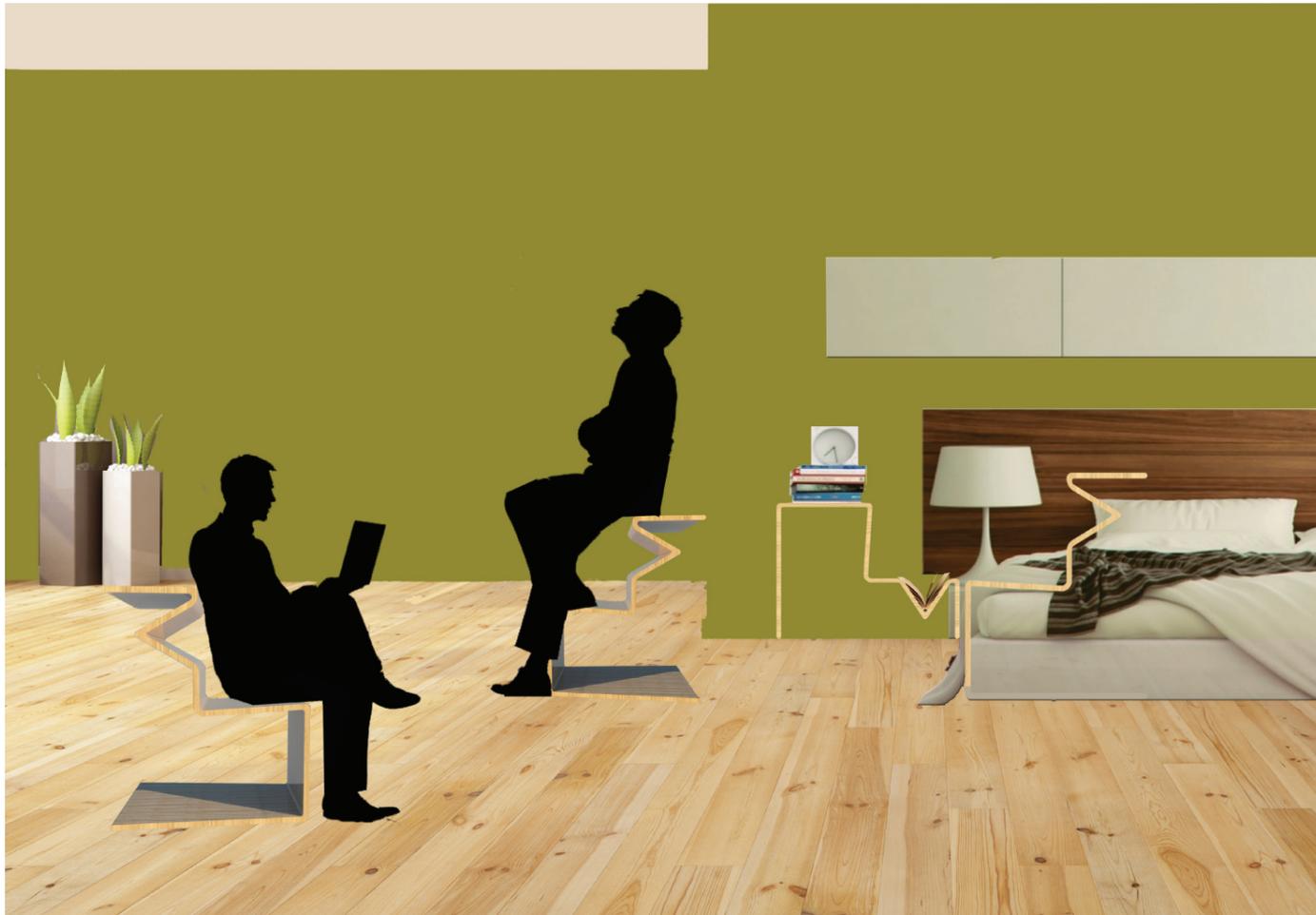
Digital models and CNC protocols in 2-dimensional and 3-dimensional are designed and developed by using Rhinoceros and plug-in. CNC router machine and vacuum former machine were used to experiment with different forms and materials. It has been further carried out with different joineries, lightings and more.



PHOTOGRAPHS

ANTHROPOMETRICS & ERGONOMICS- CARDBOARD CHAIR

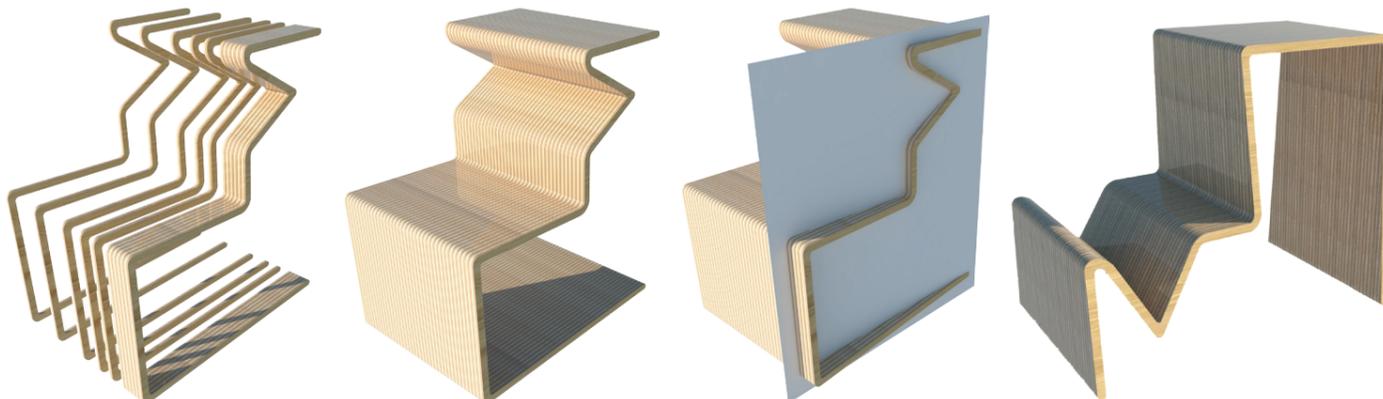
By applying the knowledge of Anthropometrics and Ergonomics, this chair was made by one and a half 2mx2m cardboard without any non-cardboard assembly connectors. It is able to withstand a person's weight.



FLEXIBLE LIVING- AIJE MULTIPURPOSE FURNITURE

A multipurpose furniture was designed, which is suitable as a stool, chair, shelves, coffee table, low table, bedside table and laptop table (by standing or on the bed).

MANUFACTURING PROCESS



PERSONAL STORAGE

This design can be used as a laptop support, magazine and paper storage.

MODEL MAKING