ARCHITECTURE

PORTFOLIO

JAYA SURYA V

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ARCHITECTURE STUDENT

Small guy . Big dream

I work hard, enthusiastic to help other people to achieve something ,decent in managing things, love to learn new things and meet people . Sharing ideas is really a wonderful thing and iam currently working on it .

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EDUCATION

2002 — Adarsh secondary school

2007 — RMK residential school

2016 — present — Marg institute of design architecture

PROFESIONAL SKILL

AUTO CAD · REVIT · SKETCH UP · PHOTOSHOP

IN DESIGN · TWIN MOTION · LUMION · V-RAY

WORKSHOP

ECO-club workshop for landscape
Ar.Karthik pillai
vernacular architecture
Ar.Xavier benedict
Form space order
Ar.kathu sarvanaraj

LECTURES

Smart cities
Ar.Hafeez contractor
The new vernacular
Ar.Chitra vishwanath
Sustainability sensitizing
Ar.Benny kuriakose

PERSONAL SKILL

CREATIVE · TEAM WORK · KNOWLEDGE · TIMING

INTEREST WITH

CONTENTS

- RESIDENCE
- ORNITHOLOGY CENTRE
- NIFT CAMPUS
- RURAL DOCUMENTATION
- SOCIETY INTERIORS (Design competition)

RESIDENCE

PROJECT DESCRIPTION

This being the first design problem, it helped us visualize spaces. Basic knowledge of ventilation and lighting is applied in this project. anthropomentry study tought to help to help in spactial requirements and circulation. Proximity between spaces is analysed and designed.

SPECIALTIES

- The building envelope used brick masonry
- External facade is made of stone cladding
- wood floor finish
- Outdoor swimming pool

1. Living room
2. Dining room
3. Kitchen
4. Master bedroom
5. Guest bedroom
6. Garage
7. Swimming pool

MASTER BEDROOM

The master bedroom faces north, with large glazing, which brings large amount of natural light into room

LIVING ROOM

Living or Lounge room is so spacious that welcomes guest graciously for socializing and mainly for relaxing

CENTRE FOR ORNITHOLOGY

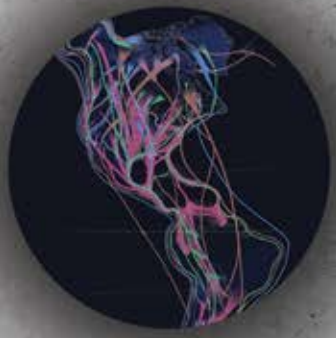
vandipalayam is village near villupuram, Tamilnadu. The village welcomes a variety of migratory birds due to the presence of kaliveli wetland. an already existing bird sanctuary posed the need for an ornithology centre there. This was our proposal for our Rural study.

The area of the proposed site is 4acres and ground coverage took only 20% of it.

CONCEPT

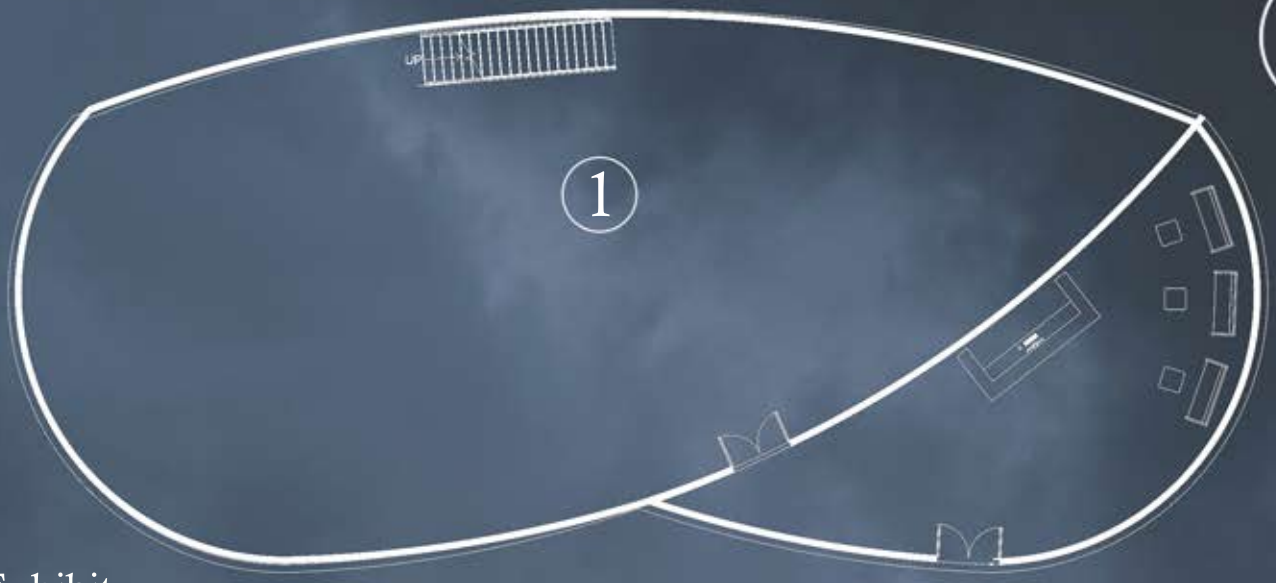
Birds wings

Reserve forest surrounded the site

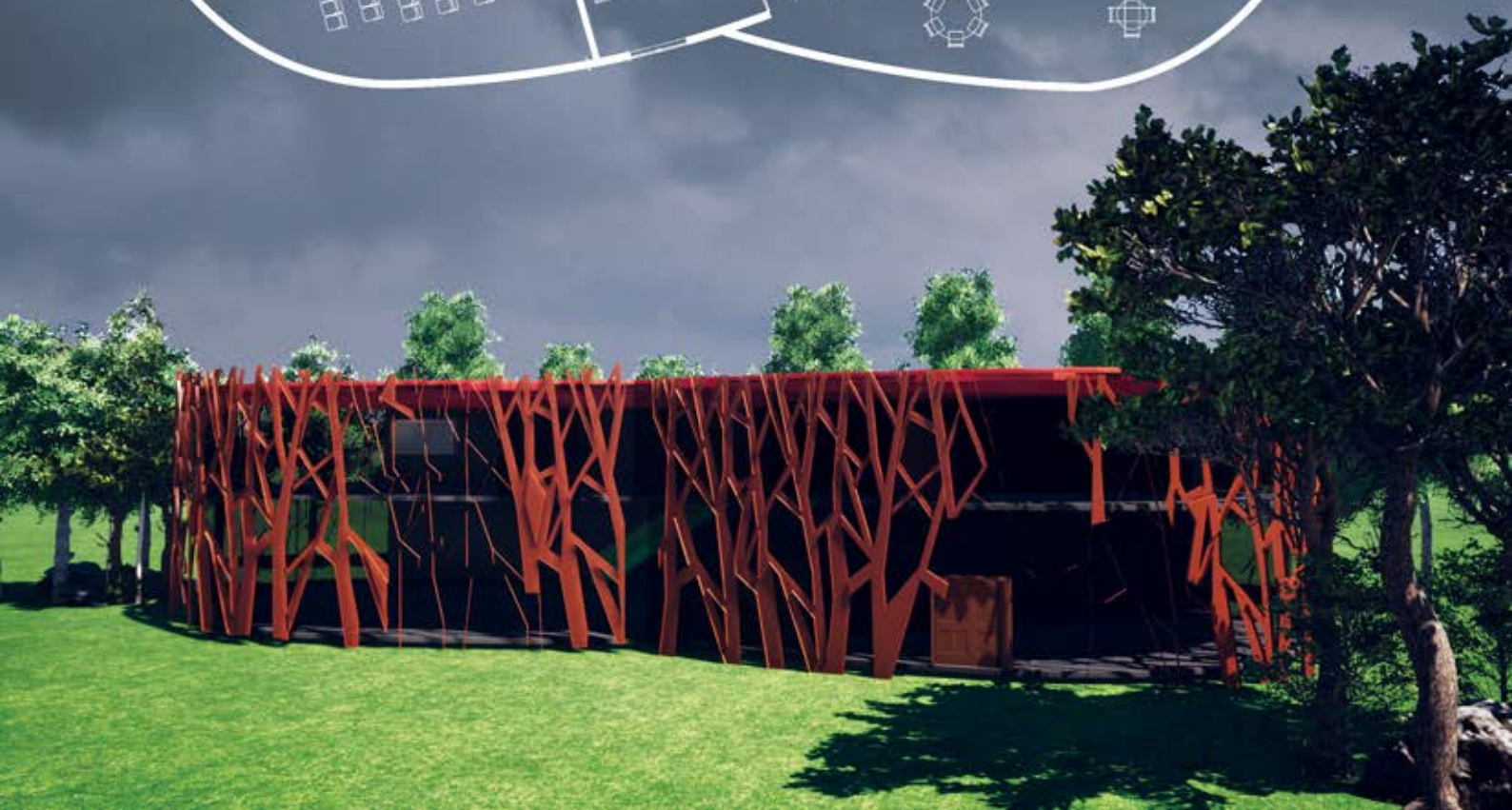


Migration pattern of birds

Abrstract of forest as exterior facade



1. Exhibit
2. Cafeteria
3. Auditorium
4. Waiting lounge



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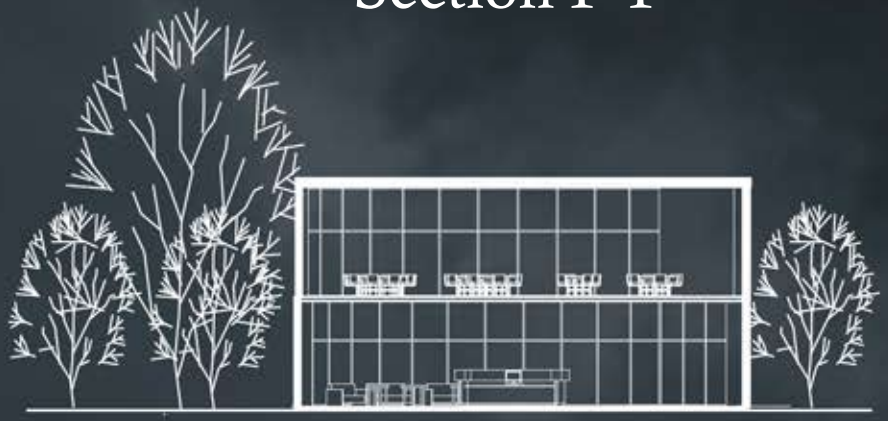

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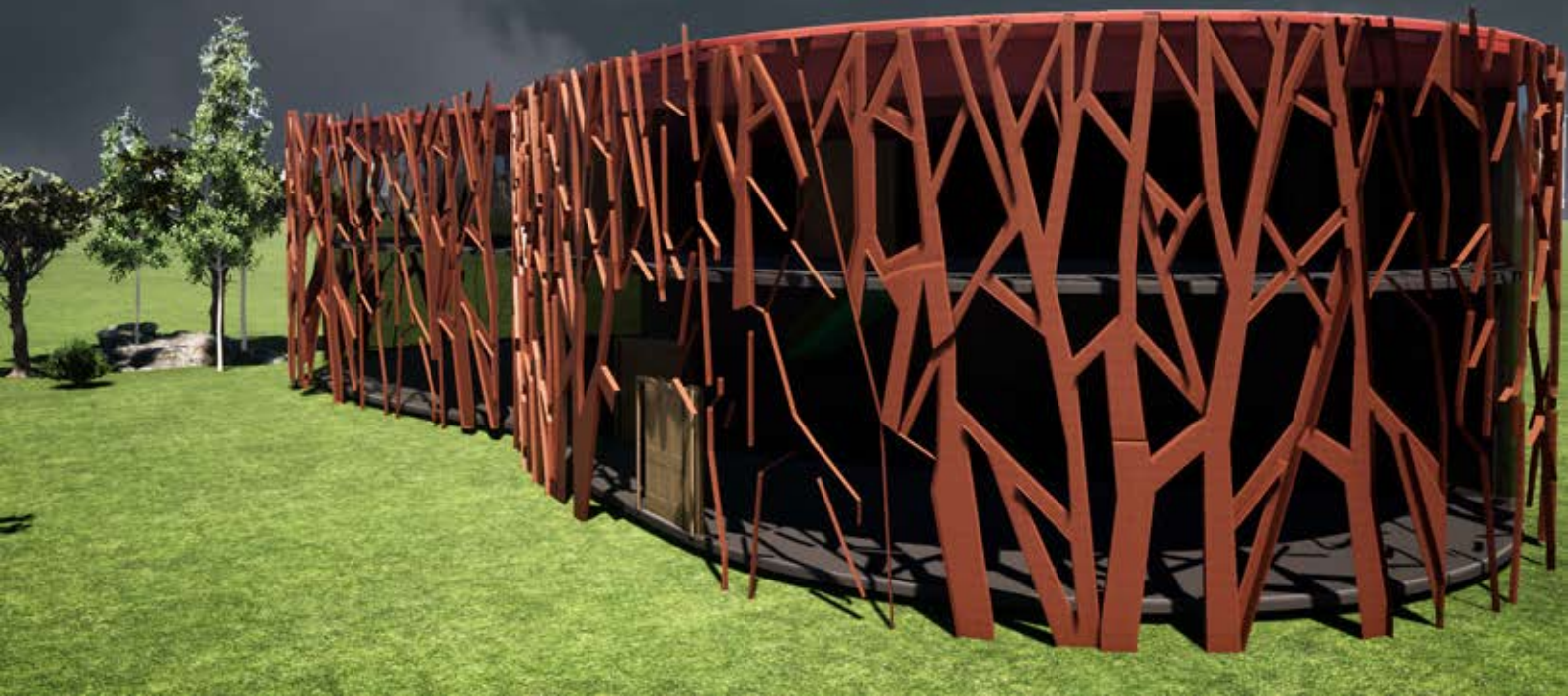
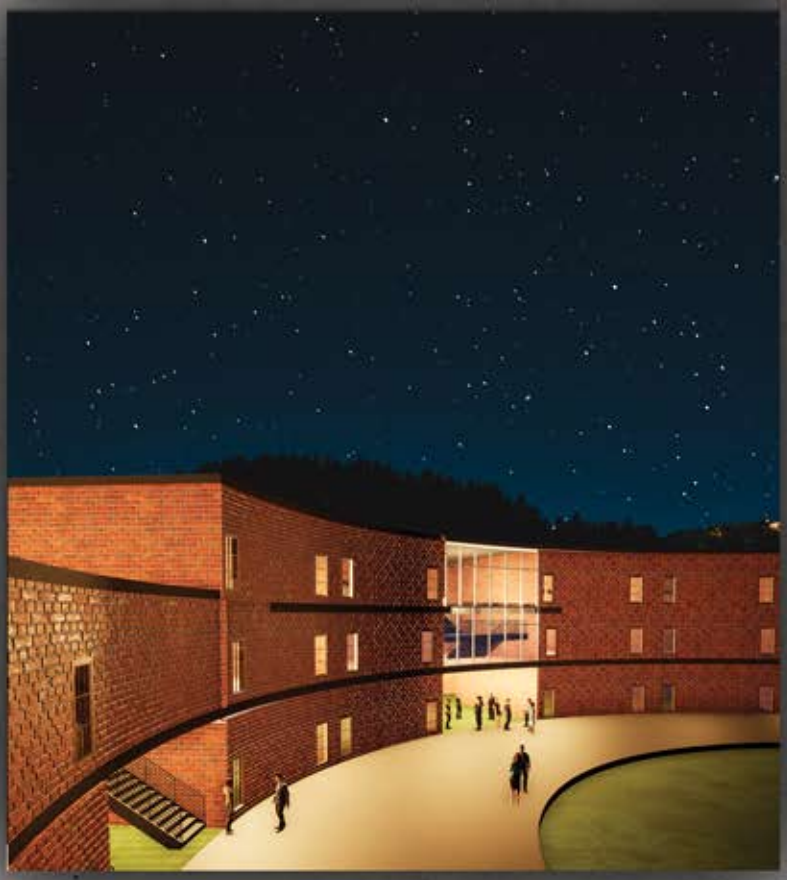


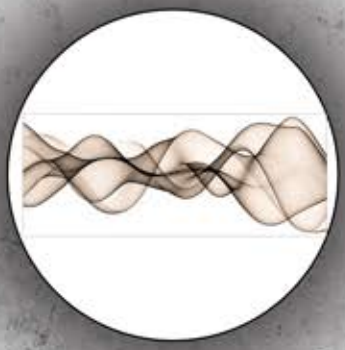
NIFT CAMPUS



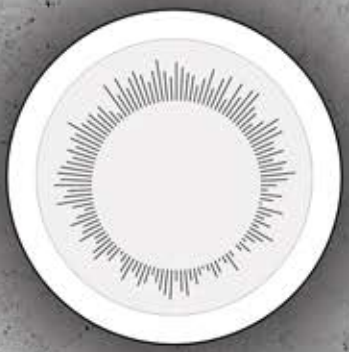
This design challenges on efficient site zoning and circulation. Circular and overlaping of blocks based on effective circulation pattern was employed in this design

These kind of institute requires more interactive spaces. Planning is done in such a way that students come together and share ideas in a public forum. The required spaces include five academic departments, cafeteria, library, admin , block , and auditorium

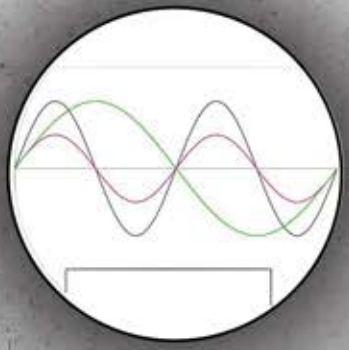
CONCEPT



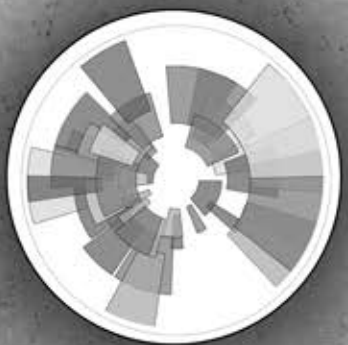
sound waves travelling



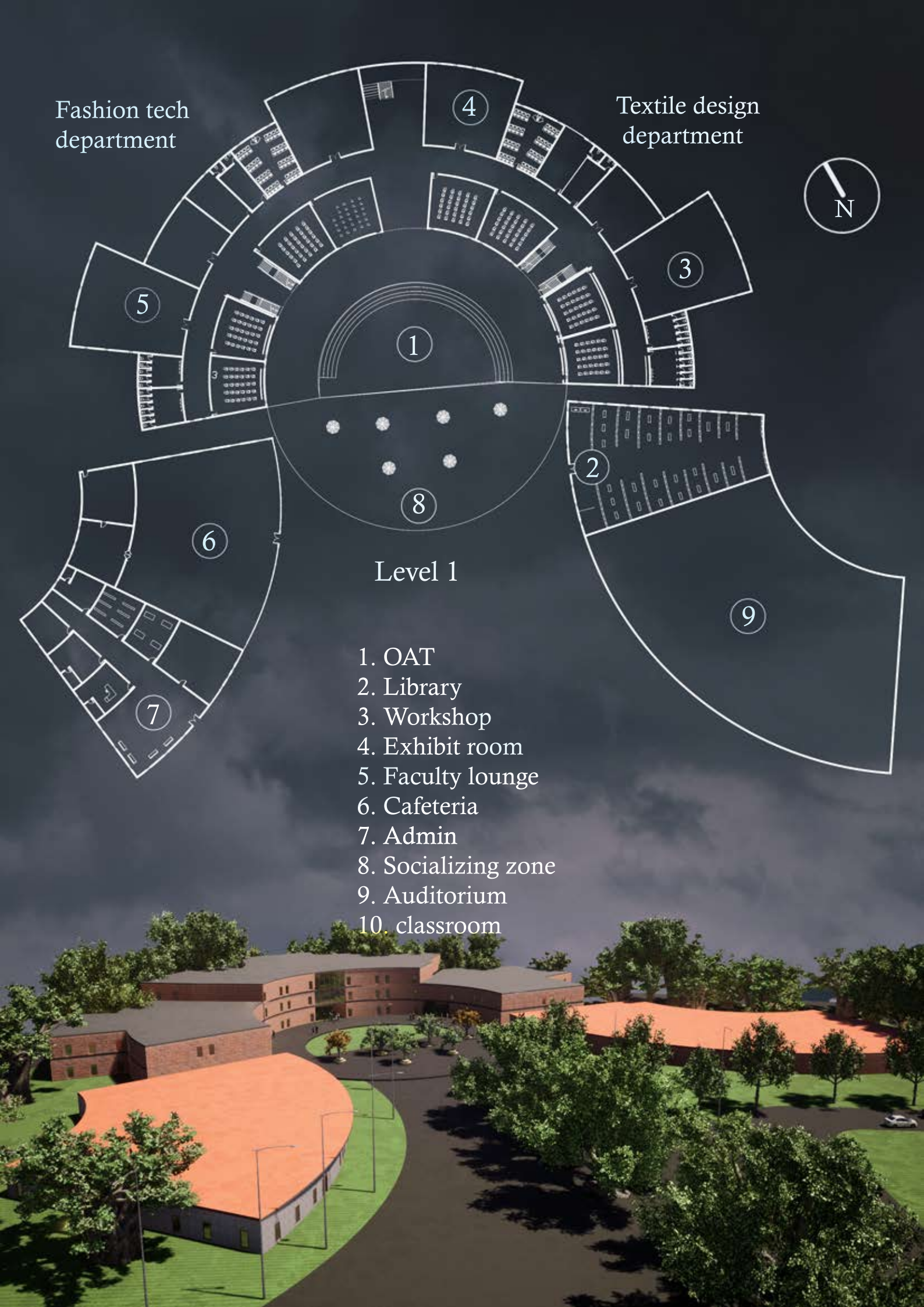
Circular heirachy



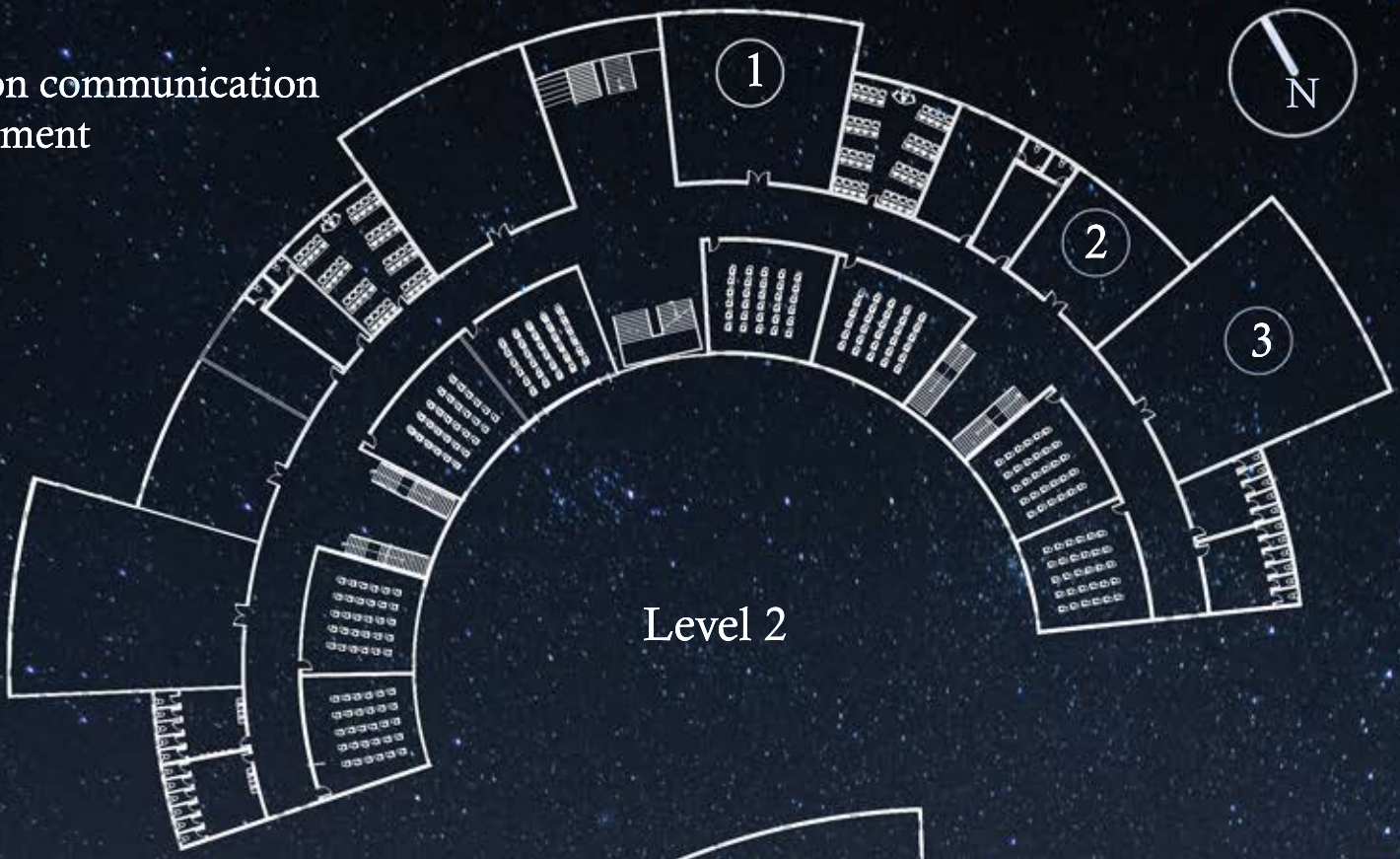
SINE waves



Circular arrangement of spaces


Fashion tech department
Textile design department
N
1
2
3
4
5
6
7
8
9
Level 1
1. OAT
2. Library
3. Workshop
4. Exhibit room
5. Faculty lounge
6. Cafeteria
7. Admin
8. Socializing zone
9. Auditorium
10. classroom

Fashion communication department



Level 2

Knit wear technology

1. Workshop
2. Faculty lounge
3. Exhibit

level 3

RURAL DOCUMENTATION

The village chosen for rural study was VANDIPALAYAM in Villupuram district. The documentation process helped us understand the evolution and history of the settlement pattern how communities develop near water bodies

This village was surrounded by water bodies and came under the kaliveli wetland region, which also housed migratory birds. Although having a rich background on water resources the village faces a threat due to pollution of the ground water table

MORPHOLOGICAL STUDY

Settement morphology is primarily concerned with the layout, plan and internal structure of the settlement.

The ground plan mainly includes street patterns, arrangement of buildings and cultural artifacts like temple, residence of village and other social zones etc.

SOCIETY INTERIORS

DESIGN COMPETITION

THE WORKSPACE

The wall in the workspace is made white, not only because the colour provides positivity but also with a purpose of providing the user a feel of calmness .This idea is achieved by means of placing horizontal louvers one above the other in the balcony, with each louver carrying a series of plantlets, which, when the sun-light falls on it creates a pleasing pattern inside the room(on the white wall) which makes the user feel free from stress

"Our opportunity, as designers, is to learn how to handle the complexity, rather than shy away from it, and to realize that the big art of design is to make complicated things simple".

-Tim

THE DESIGN

A BALANCED FAMILY

Sidharth who is a financial analyst working for an U.S based company,has a wife Deeksha ,who is a fashionist, and a 2 year old Toddler,Raghavv. The Grandparents of Raghavv , Rhagu and Radha visit them once in a year who makes stay for six months.There is a Maid Veena who takes of the child Raghavv and she is a live in maid.

Rhagavv has grown older and taller. Sidharth has nerver given up tasting the wine and he is also known as the "best wine connessiour" in the entire colony. Deeksha never lost her craze in fashion, started her own stylist firm. And Veena is a great maid.

SOC IETY INTERIORS

THE
DESIGN COMPETITION

YEAR 2018
21.58 SQM
MUMBAI, INDIA 2018

The Workspace
Upper Duplex.

An interior designer is someone who plans, researches, coordinates, and manages such projects. Interior design is a multifaceted profession that includes space planning, site inspections, conceptual development, programming, research, communicating with the stakeholders of a project, construction management, and execution of the design.

Interior
— Design —

YEAR 2018
21.58 SQM

The Bar
Lower Duplex.

YEAR 2018
21.58 SQM
MUMBAI, INDIA 2018

The Kids Room
Upper Duplex.

Raghavv , 2 year old chid usually lives in his own world of fantasy , he said to us that he is going to become an astronaut. His world is filled imaginary characters especially the catoons and toys speek to him. So the wall is painted with cartoon characters doing possible things in a impossible way and many wall paintings that could cheer up the child.All the furnitures inside are child friendy

SOCIETY INTERIORS

Our work is not about form follows function but

Interior
— Design —

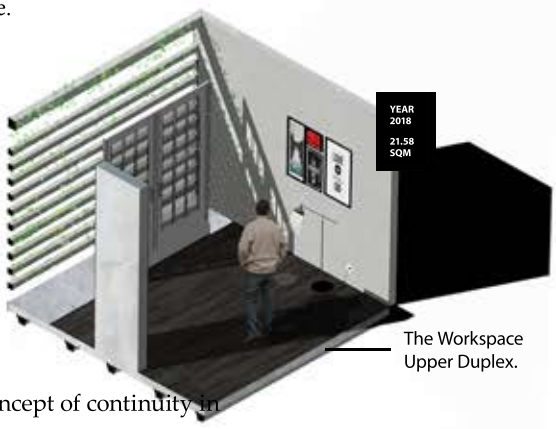
Perspective
Manual Rendering

MUMBAI , INDIA 2018

The Master Bedroom
Lower Duplex.

Master Bedroom the place where the family meets up after a long tiring day. The bed with its adjacent side having the glass door,permits the light to pass through in the morning time, which will provide a feel of warmth . The colour choosen is a tint of blue which is a cool colour. Since this is the place where the users will rest physically as well as mentally, their comfort is taken as the major criteria and designed.

The Workspace is where the user gets both motivated and stressed. Inorder to reduce the stress , wall hangings are placed which has inspirational quotes and a glass rack at the entrance which shelfes the happiest moments in it. So now the user has everything around him, that could motivate him when he fells stressed.Thus the workspace is keenly taken into consideration and designed and mentioned in past sheets inorder to prove the importance of the workspace.



The Workspace
Upper Duplex.

An attempt to bring the concept of continuity in the Workspace is made and achieved by means of elements and placements in the room.The monitors in the room and mirrors hanging on the wall reflects the scenes infront of them.Thus , provoking *Continuity*. By this way *"A 360 degree in a defined form is achieved"*.The above illustrations show the workspace and the role played by light in it .

The viewers look at Sidharth , the young man at the centre illustrated above and he looks at the photo frames on the wall .And it says "Love What You Do". Such a motivational area in the entire apartment.The entire space is well lit during night by means of covet ligthing and ofcourse ample amount of light enters through the double french windows. This is not all about the french!!!!!

Work.

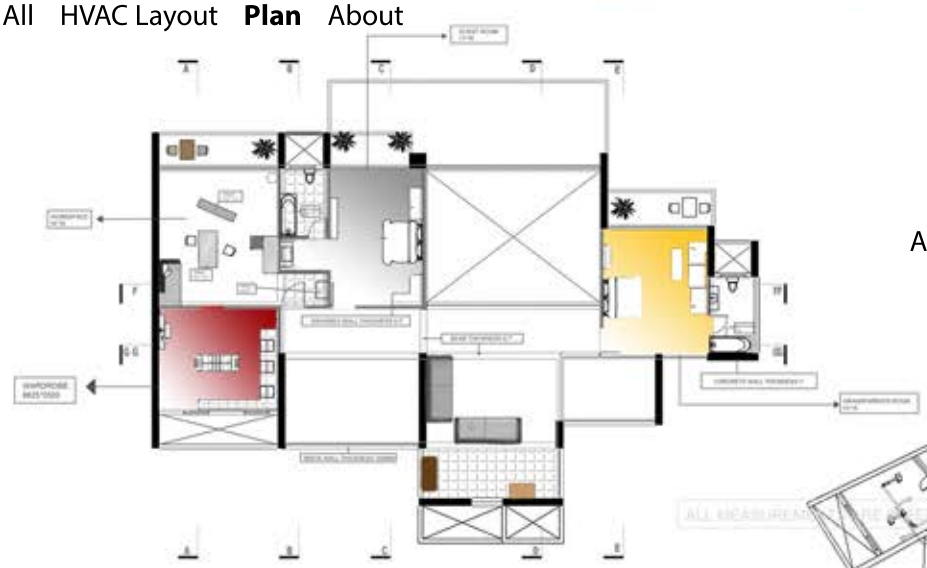
Do not seek to change what has come before.
Seek to create that which has not.

All HVAC Layout Plan About

GALLERY.

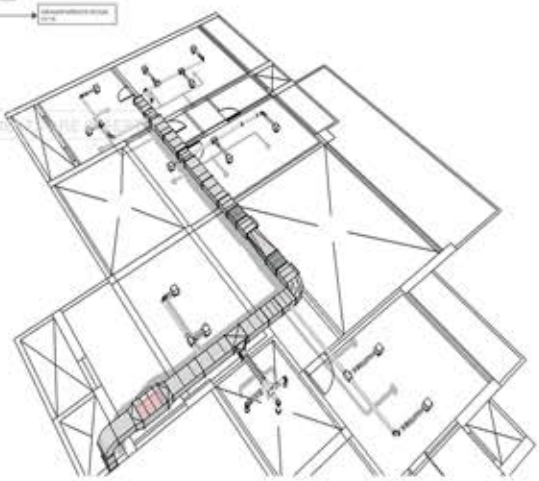
SOCIETY INTERIORS

All HVAC Layout **Plan** About



Plan
Lower Duplex.

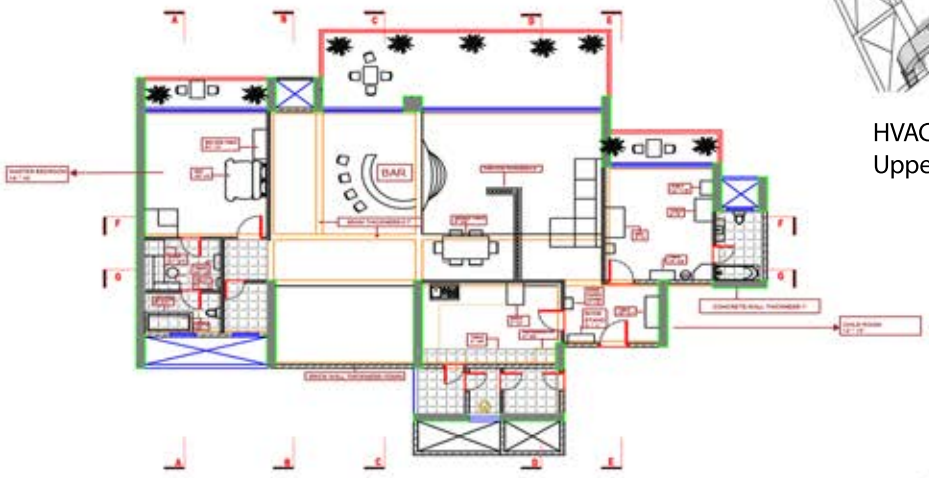
All **HVAC Layout** Plan About



HVAC
Upper Duplex.

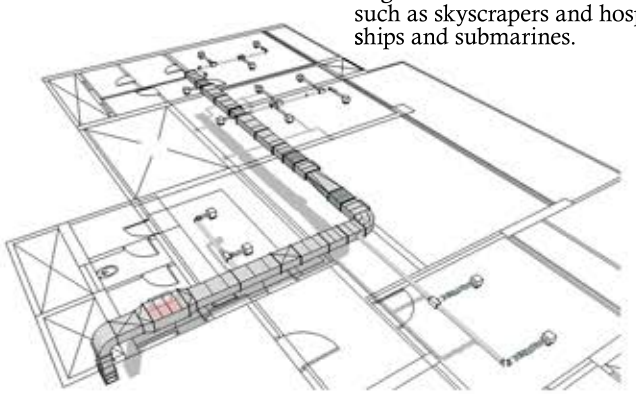
Scale 1:100

Heating, ventilation, and air conditioning (HVAC) is the technology of indoor and vehicular environmental comfort. ... HVAC system design is a subdiscipline of mechanical engineering, based on the principles of thermodynamics, fluid mechanics, and heat transfer.HVAC is an important part of residential structures such as single family homes, apartment buildings, hotels and senior living facilities, medium to large industrial and office buildings such as skyscrapers and hospitals, on ships and submarines.



Plan
Lower Duplex.

Scale 1:100



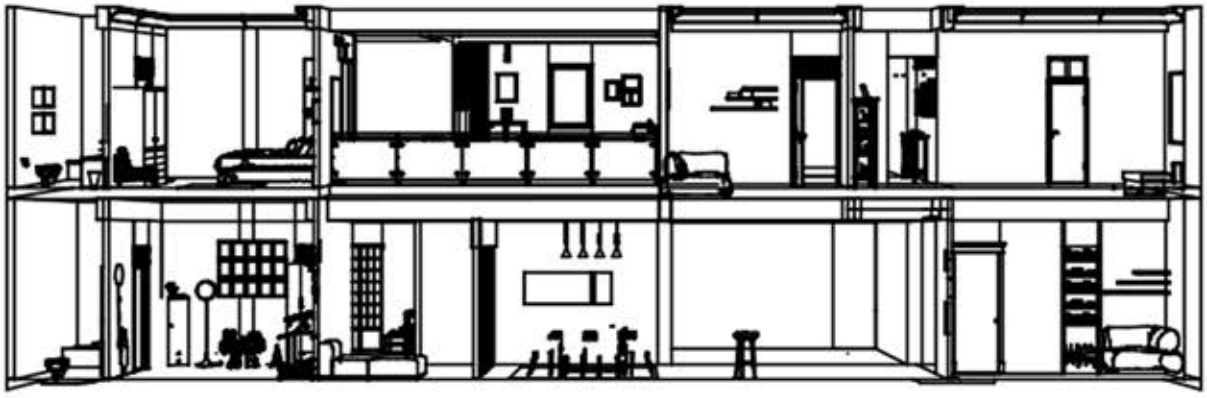
HVAC
Lower Duplex.

Scale 1:100

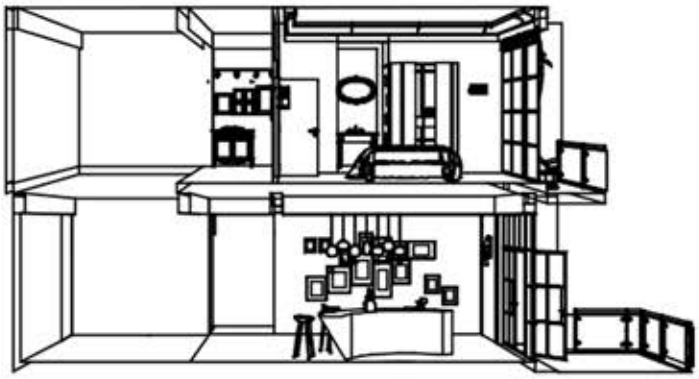
SOC
IETY
INTERIORS

Interior
— Design —

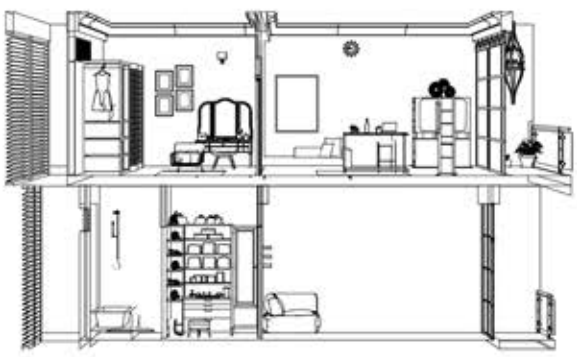
SECTIONAL ELEVATION



SECTION AT F-F



SECTION AT C-C



SECTION AT A-A

SECTION AT E-E

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