

ADVANCED CAD

SHRRUTHI.M

SEM - I, BATCH 2019 - 2021

M.Arch Interior Architecture

Dr.M.G.R Educational & Research Institute



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LANGUAGES KNOWN

English

Tulu

Kannada

Hindi

Tamil

SOFTWARE PROFICIENCY

Autocad

Revit

Sketchup

Lumion

Vray

Photoshop

EDUCATIONAL QUALIFICATION

B.Arch (2008 - 2013)

undergoing

M.Arch Interior Architecture,
Dr.M.G.R Educational & Research
Institute, Chennai.

WORK EXPERIENCE

Assistant Faculty (2016 - 2019)

Hindustan University, Chennai.

Project Architect (2015 - 2016)

Greyscale Design Studio, Bengaluru.

Project Architect (2014 - 2015)

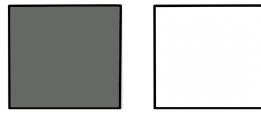
Fluid Space, Bengaluru.

Project Architect (2013 - 2014)

Wall B Architects, Bengaluru.



An Architecture firm is designed for a bunch of young growing Architects. Open and simple planning of spaces allow more light and ventilation.



Each floor is separated as per the function and usage of the firm by the users.

The ground floor with reception and waiting area makes the space semi-public. A pantry and gathering space are placed on the open lawn area.

The first floor has library, meeting rooms and workspace allowing only selected public to meet the employees – semi private space, mostly overlooking the lawn and waiting area.



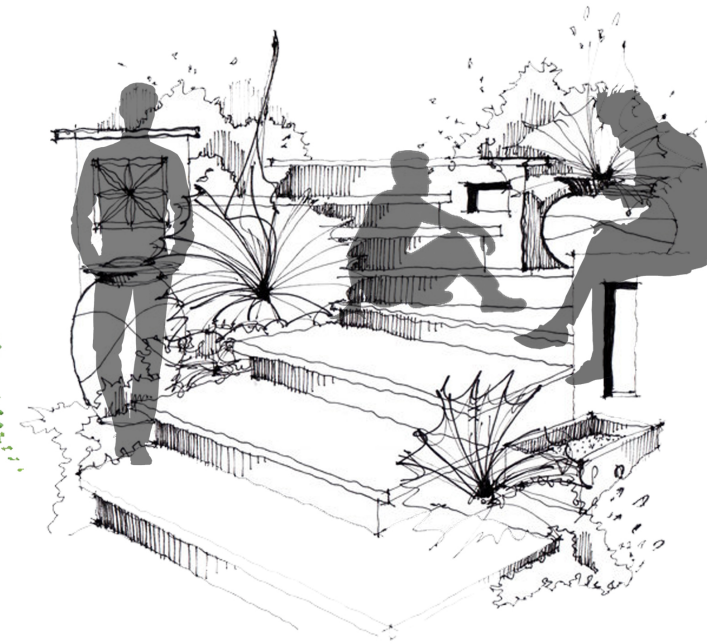
MONEY PLANT



STRING OF PEARLS



CORN PLANT



More gathering space both indoor and outdoor to encourage more interactions.



PAVERS



BRICK CLADDING



WOODEN FLOORING (GATHERING DECK)

Close to nature



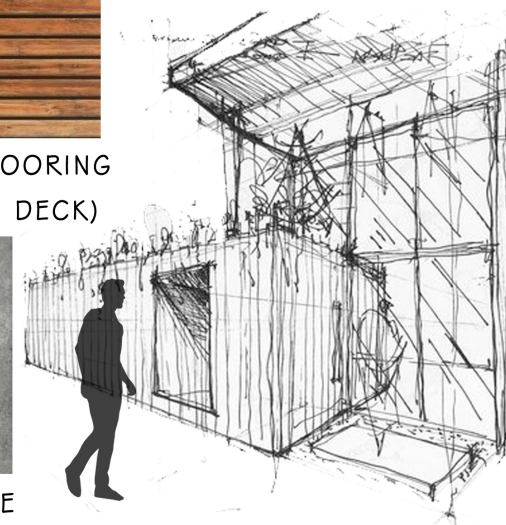
STONE WALKWAY



M CHANNEL ROOF TILE



EXPOSED CONCRETE





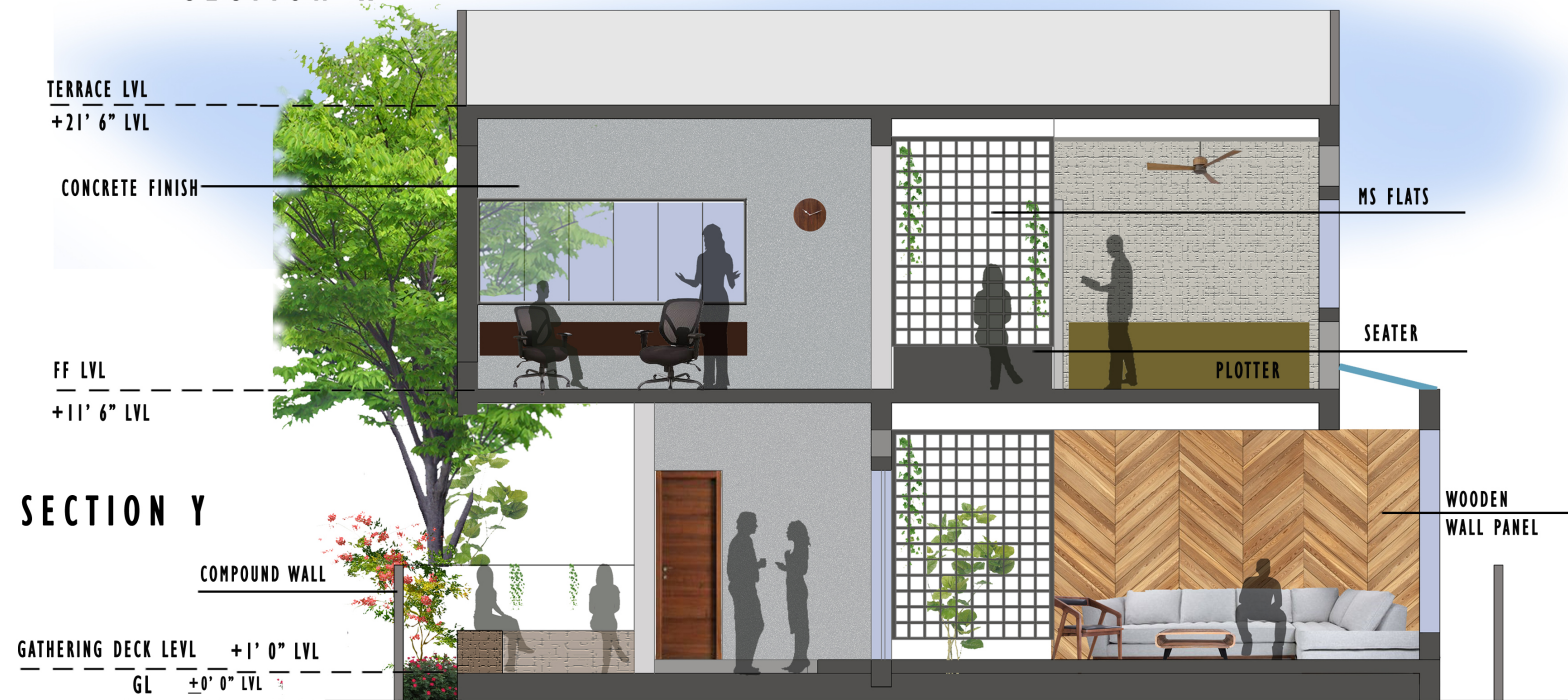
GROUND FLOOR PLAN



FIRST FLOOR PLAN



WOOD CONCRETE WALL PANEL WITH BACK LIGHTING



WOODEN WALL PANEL



ELEVATION



VIEW FROM THE ROAD

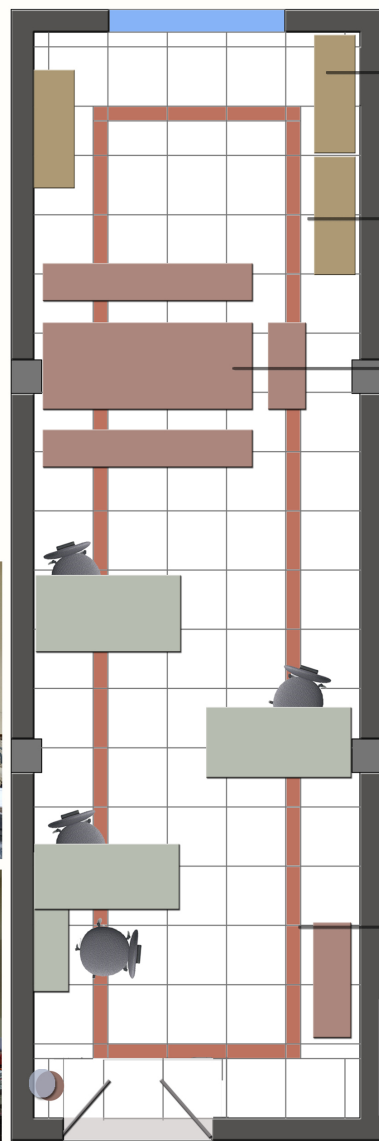


READING ZONE



VIEW OF THE STAIRCASE

The existing staff room is narrow in plan. The door to the staff room is accessed directly from the main corridor. The room consists of only one window, whereas there are two solid parallel long walls with few notice boards. Other than three individual workspace, there are full height storages and a meeting table with movable benches.



EXISTING STAFF ROOM PLAN

FULL HEIGHT STORAGE

COMMON SHEET STORAGE

MEETING/DINING TABLE

SEATER (USED FOR SHEET STORAGE)

DISADVANTAGES OF EXISTING STAFF ROOM

- Dark Interior
- Poor ventilation
- No cross ventilation
- Congested / crowded furniture layout
- Undefined Entry
- Dull multi colored flooring tiles
- Common storage
- Improper artificial lighting

CONCEPT

An idea to create a comfortable, well lit and ventilated workspace with needed privacy. An attempt to maximise the space around each user, indirectly defining a clear walkway. Elements such as indoor plants, screens add beauty to the space.



ELEVATION



DETAIL A

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MDF WALL PANELS

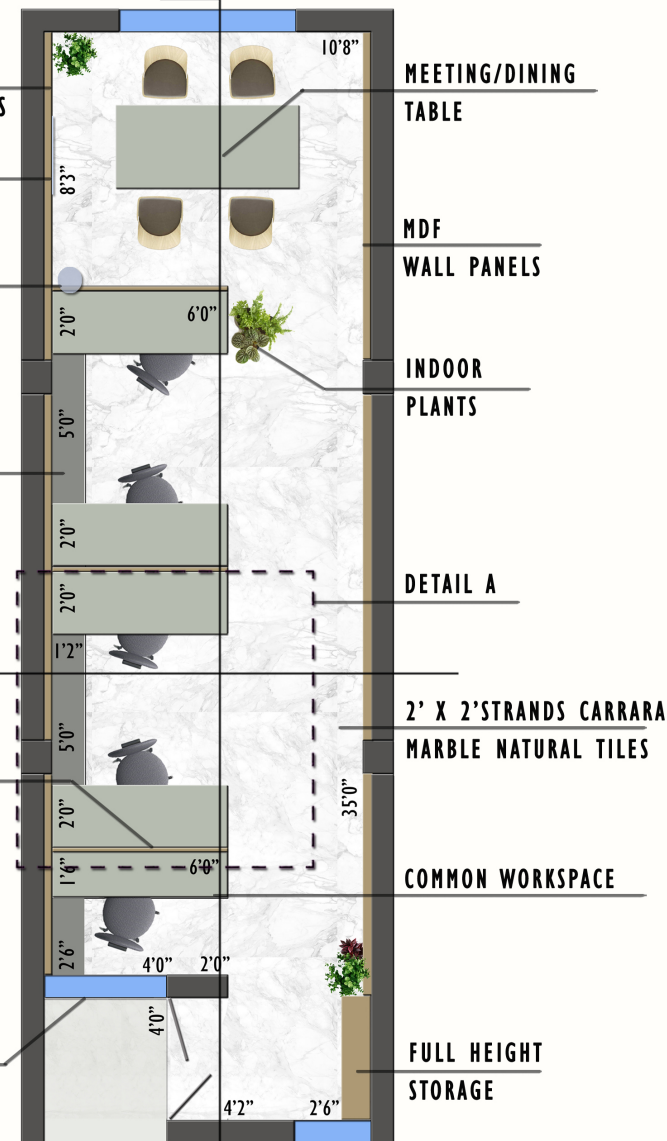
MIRROR

DRINKING WATER CAN

LOW HEIGHT STORAGE

Y PARTITION

JAALI SCREEN



PROPOSED STAFF ROOM PLAN

MEETING/DINING TABLE

MDF WALL PANELS

INDOOR PLANTS

DETAIL A

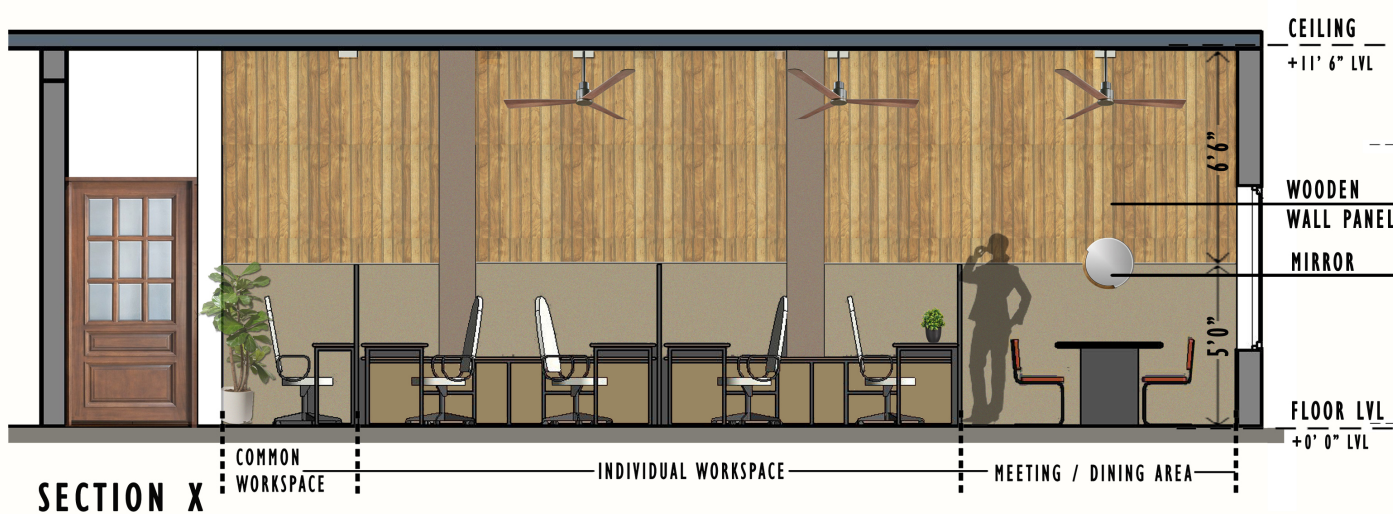
2' X 2'STRANDS CARRARA MARBLE NATURAL TILES

COMMON WORKSPACE

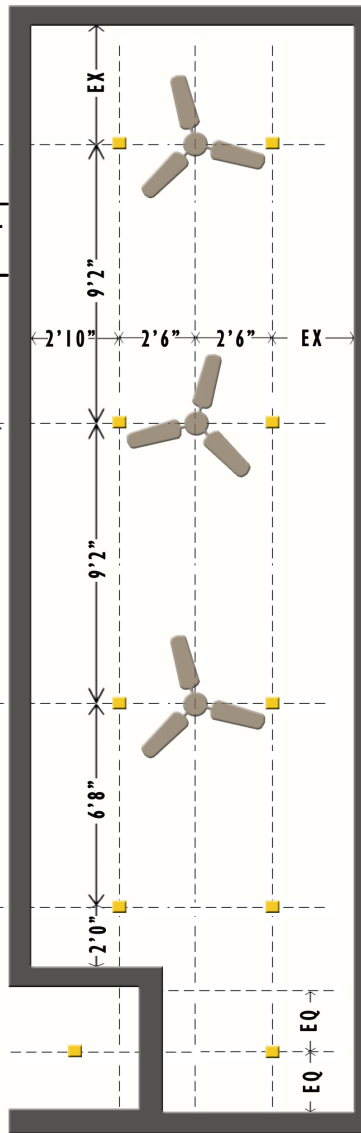
FULL HEIGHT STORAGE

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SECTION X



ELECTRICAL DRAWING

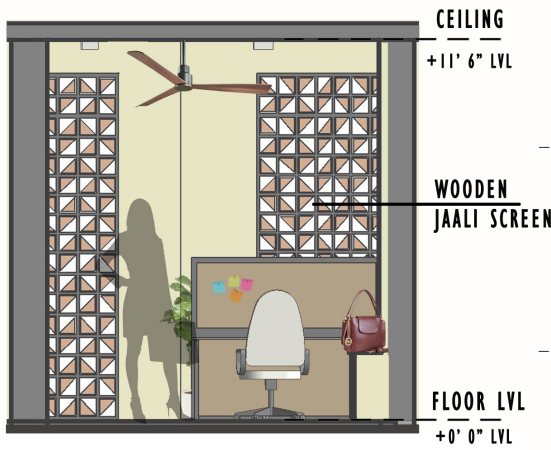


FLOORING PLAN

TILE " CARRARA MARBLE NATURAL
SIZE : 2' X 2'



ELEVATION

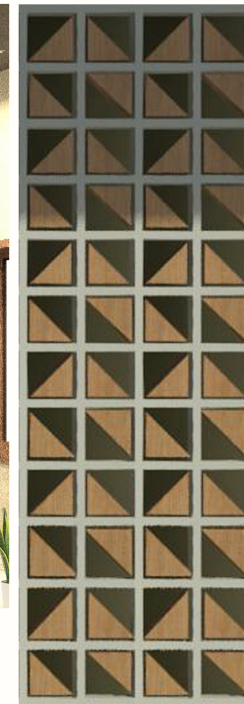


SECTION Y

The entry to the staff room is recessed, but the wooden jaali screen highlights the exterior wall. The screen also breaks the long wall and it also creates interesting shadows on the corridor space.



VIEW OF THE WORKSPACE



WOODEN JAALI SCREEN



E1 GRADE MDF TABLE WITH CABINETS

COLOR : KALDI OAK, METAL LEGS IN CARBON BLACK & MODESTY PANEL IN FABRIC GRAY LAMINATE



COMMON SHELF FOR SHEETS & BOOKS



COMMON WORKSPACE

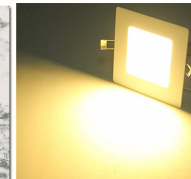


WOODEN WALL PANEL

MATERIALS USED



STRANDS CARRARA MARBLE NATURAL FLOOR TILES



6 WATT LED SQUARE FALSE CEILING PANEL LIGHT (WARM WHITE/YELLOW)

CUTTING SIZE 9.7cm x 9.7cm



PHALAENOPSIS ORCHID

SNAKE PLANT

CALATHEAS



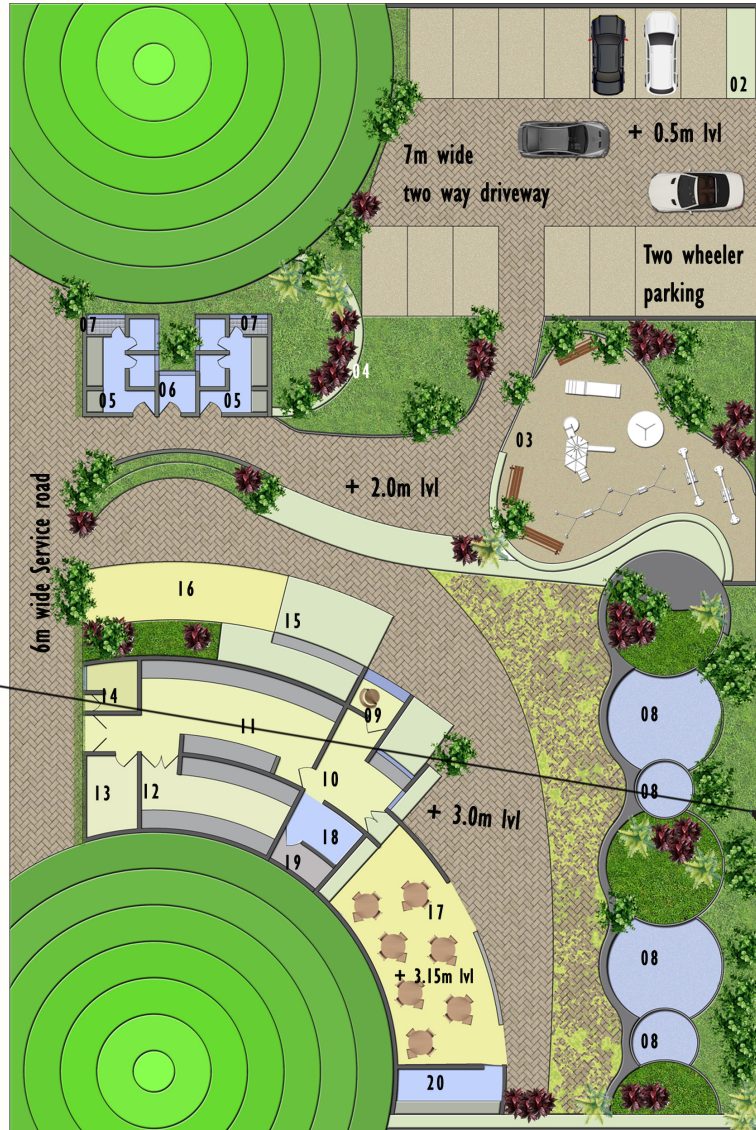
RECESSED ENTRY TO THE STAFFROOM



ADVANTAGES OF PROPOSED STAFF ROOM DESIGN

- Addition of windows/screens
- Cross ventilation
- Proper arrangement of furnitures
- Seggregation of workspace and meeting/dining space
- Defined entry
- White 2'x2' flooring
- Low height storage for each user
- Common storage space
- Partitions for privacy in workspace
- Contemporary wooden wall panelling
- Addition of interior plants
- Elegant detailing

The idea of the design is to create a perfect restaurant for family and friends. The restaurant contains a play area, outdoor kitchen and dining. More open spaces with more landscape creates closeness to nature. It is a place for all age groups. Ramps connect different levels making it user friendly. The restaurant acts as a relaxation space and not as an enclosed regular restaurant.



**FLOOR PLAN
RESTAURANT**

Site : 41.3m x 62m

Road
+ 0.00 m lvl



VIEW OF OUTDOOR KITCHEN & DINING

- 01 - ENTRY
- 02 - SECURITY CABIN
- 03 - KIDS PLAY AREA
- 04 - WALL with RESTAURANT NAME BOARD
- 05 - WASHROOM
- 06 - WASHROOM for PHYSICALLY CHALLENGED
- 07 - SERVICE AREA
- 08 - WATER BODY
- 09 - CASH COUNTER - 4.75 sq.m
- 10 - PANTRY - 17.2 sq.m
- 11 - KITCHEN - 154 sq.m
- 12 - DRY STORAGE - 32 sq.m
- 13 - COLD STORAGE - 12 sq.m
- 14 - WORKER'S ROOM - 6.64 sq.m
- 15 - OUTDOOR KITCHEN - 18.75sq.m
- 16 - OUTDOOR DINING
- 17 - INDOOR DINING - 73.65 sq.m
- 18 - UTILITY - 9.17 sq.m
- 19 - DRY AREA - 5.75 sq.m
- 20 - HANDWASH - 14.64 sq.m



VIEW FROM THE PLAYAREA



VIEW OF THE RESTAURANT AND THE SITE

Green roof keeps the indoor cool.
 Easy maintenance green roof is used.
 The planning and the form of the roof goes with the contour of the green mountain behind the restaurant. The mountain acts as the backdrop for the restaurant.

MATERIALS USED



BRICK PAVERS



STACKED BOND BRICK CLADDING



PAINTS USED



SECTION 01

tropical living



photo frames



white marble



printed carpets



wooden furniture



royal teak



pattern mixing



indoor plants



Tropical style is all about comfort, ease and utility and is eclectic by definition. The style is characterized by warm and soothing, colors drawn mostly from natural elements such as the sea, sky, and vegetation.

Hues may be deep and rich or may fall on the lighter, brighter side.

LIVING ROOM REDESIGN

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FLOOR PLAN

The idea is to treat the living room as the main gathering space for the family with more seating space. The living area consists of a tv cabinet and a comfortable big couch with a coffee table as the focus. Adding plants add extra drama to the space. Printed carpet unites all heavy furnitures.



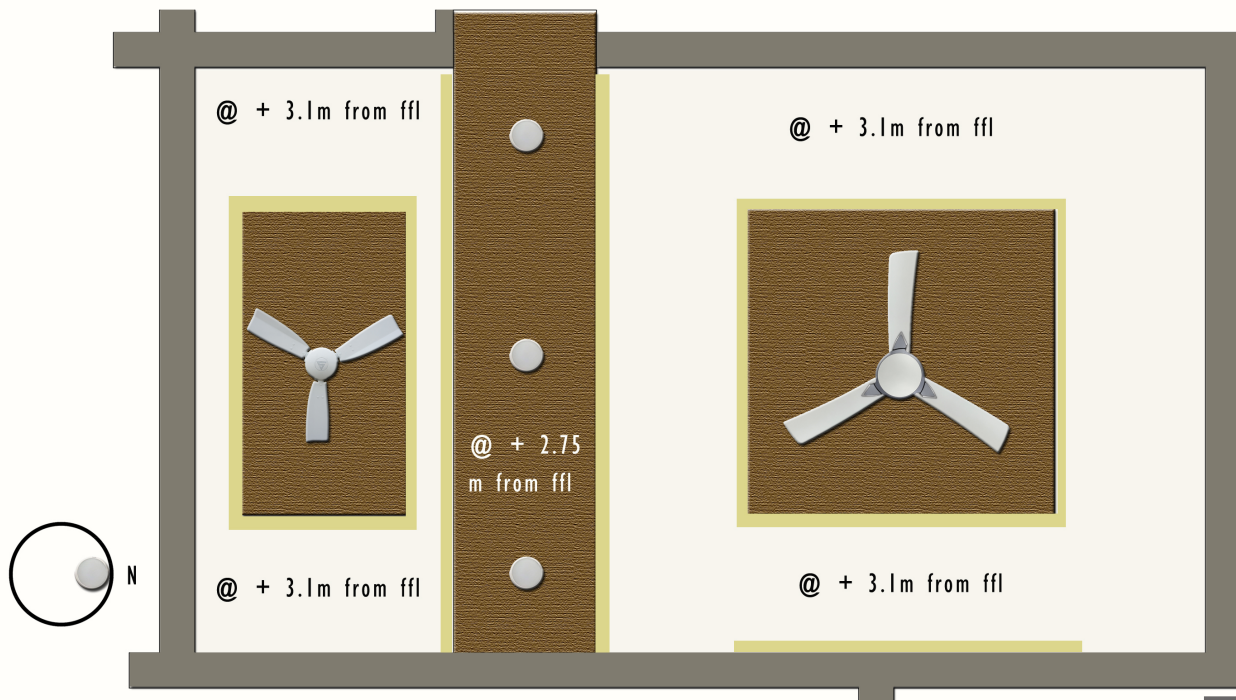
PLANTS

OTTOMMON



The corner space is a cozy reading corner.

Color of furnitures add an interest to the space. Wooden tables, cabinets with storage provides a traditional and elegant look to the space.





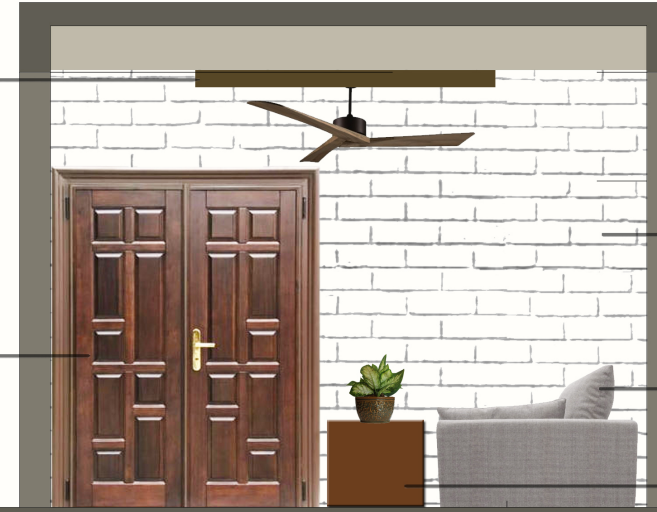
WEST ELEVATION

FALSE
CEILING

WOODEN
WALL PANEL

MAIN
DOOR

TEXTURE
WALL



NORTH ELEVATION

BRICK CLADDING
PAINTED WHITE

SOFA

SIDE TABLE



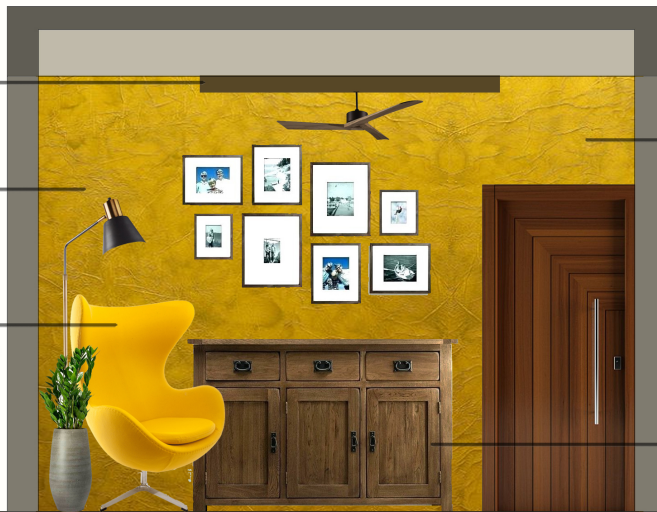
EAST ELEVATION

FALSE
CEILING

PHOTO
WALL

YELLOW
EGG CHAIR

WOODEN
CABINET



SOUTH ELEVATION

TEXTURE
WALL

WOODEN
CABINET



DAY VIEW OF LIVING ROOM



VIEW OF READING SPACE & TV WALL



NIGHT VIEW OF LIVING ROOM



VIEW OF READING SPACE & TV WALL



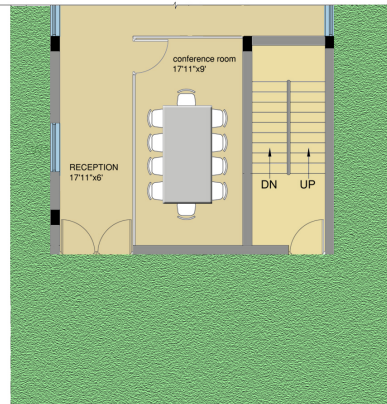
DAY VIEW



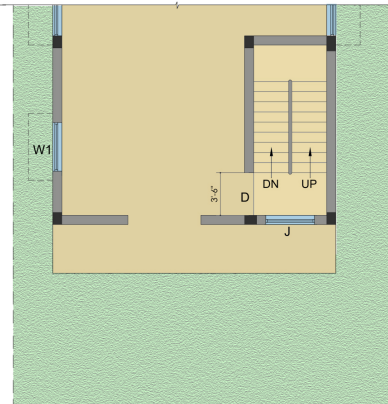
NIGHT VIEW

Commercial building with workspace in the ground floor and multi purpose hall in the first floor. The idea is to keep the commercial building more simple but modern.

Vertical flats in the first floor visually make the building appear taller.



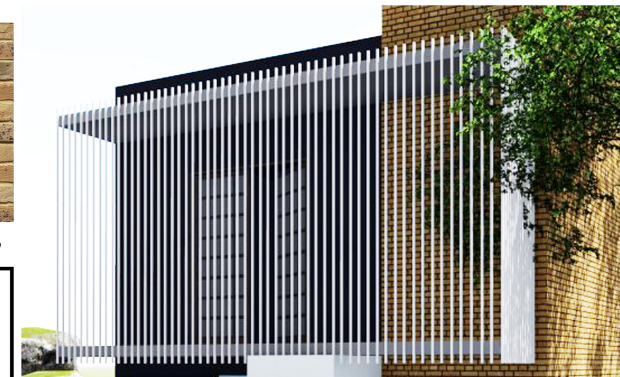
GROUND FLOOR PLAN



FIRST FLOOR PLAN



BRICK CLADDING



FACADE REDESIGN

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