

ARCHITECTURE PORTFOLIO
KIRUTHIKA SAKTHI
SELECTED WORKS | 2015 - 2022|



BLURRING BORDERS

Architectural Thesis | 2021 | Infrastructural Architecture

BATH HOUSE

Architectural Design | 2022 | Hospitality and Recreational space

SPIRAL

Archdias Competition project | 2020 | Sacred Space

SPACES , CAF

Architectural Thesis | 2020 | Research and Development

INTERIOR DESIGN+ WORKING DRAWINGS

Internship project | 2019 | Infor

Internship project | 2019 | Bistro Cafe

Internship project | 2019 | Q-HUB

Internship project | 2019 | DBS

MASHUP | ART+ARCHITECTURE|

Proseminar | 2021 | Patent Lamp

Architecture studio | 2021 | Material exploration

Architecture studio | 2021 | Prototype

Mediums | 2021 | Living wall

BLURRING BORDERS

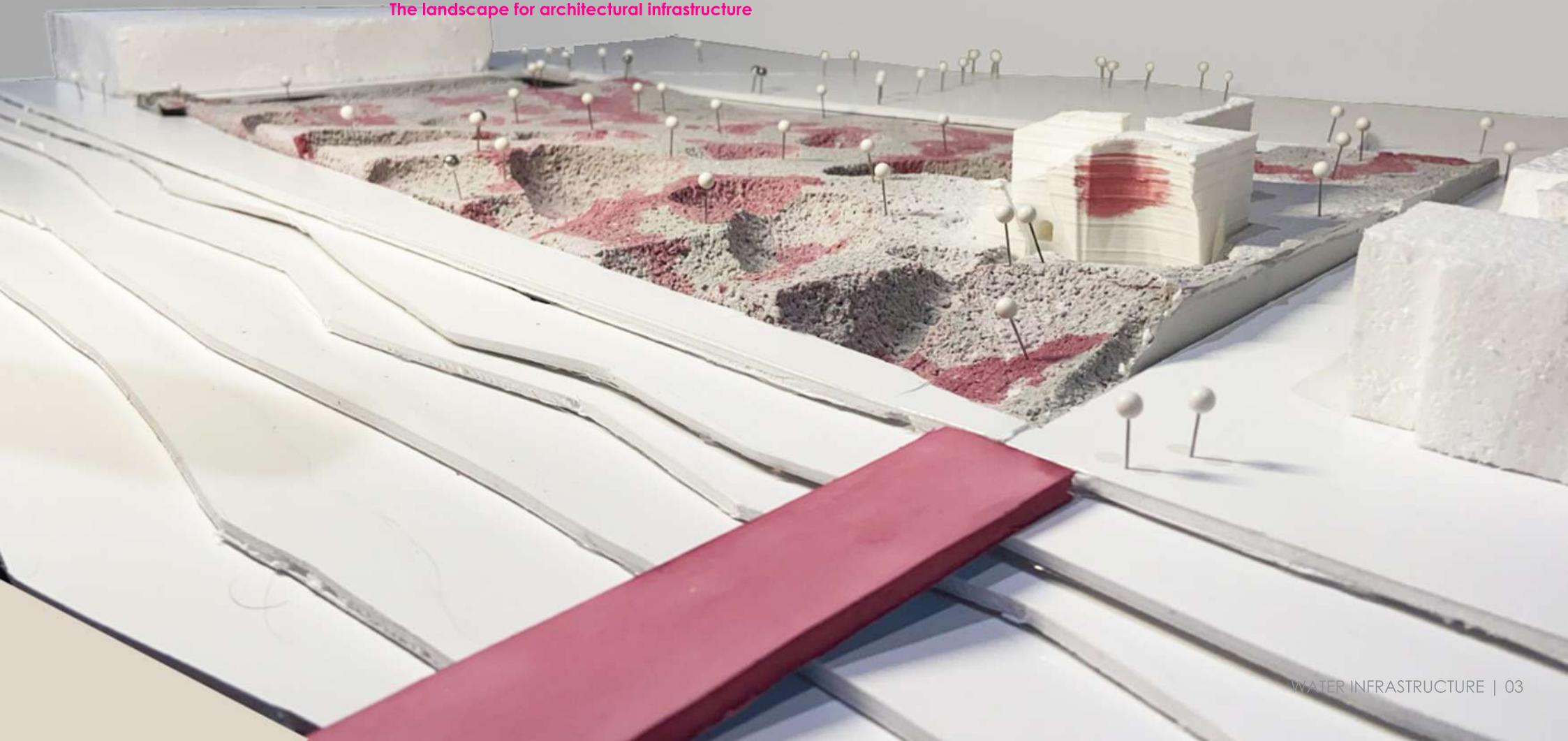
Research Thesis | Water infrastructure | 2021

Software: Rhino | AutoCad | Photoshop | InDesign | Illustrator | V-Ray

Fabrication: 3D-Printing | Laser-cutting | silicon-molding and Casting

Blurring Borders is a new design methodology that aims to address the water issues of the 21st century. It proposes solving one problem using another by articulating architecture as an active infrastructure that creates a dialogue of adaptive coexistence between humans and water.

The landscape for architectural infrastructure



TERRITORY DIAGRAM

ESTIMATED WATER CONSUMPTION :

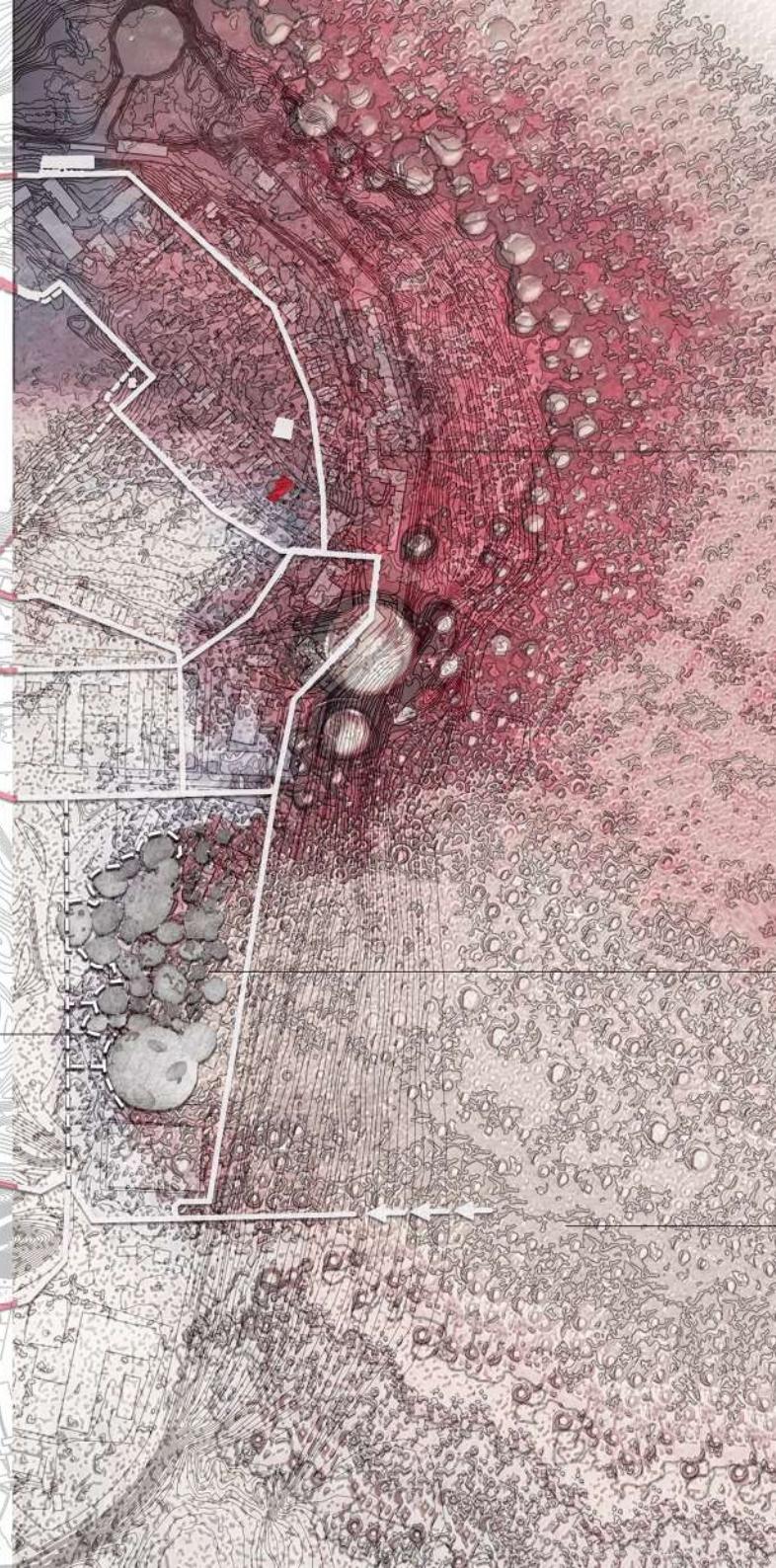
Existing conditions

Community facility /Commercial - 121,759 gallons per day

Park and open space area - 62,895 gallons per day

TOTAL - 184,654 gallons per day

Source: Rates from 2010 CEQR Technical manual



ANNUAL FLOOD LEVEL IN 2050 :

Climate Central's sea level rise and coastal flood maps are based on peer-reviewed science in leading journals.

Source : Climate Central

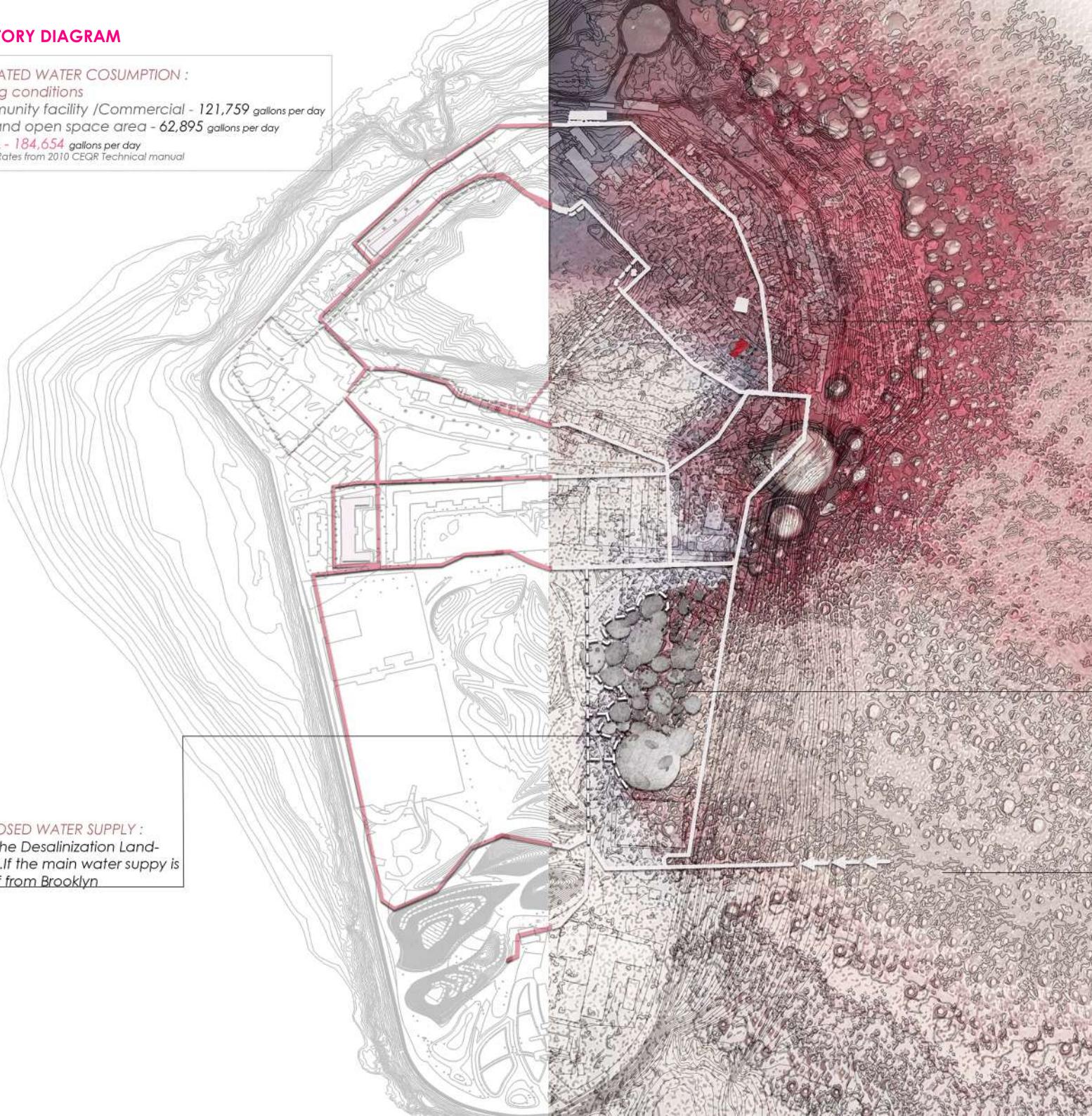
DESALINATION LANDSCAPE:

Project perimeter: 3000 ft

Project area : 481,274 ft²

PROPOSED WATER SUPPLY :

From the Desalination Landscape. If the main water supply is cut off from Brooklyn



EXISTING PORTABLE WATER MAIN
Governors Island, New York
NTS

AXONOMETRIC DRAWING

Visualizing different layers of the filtering infrastructure

Urban farm:

- Earth Matters
- Governors Island teaching garden
- Swale food forest

Circulation-

Cycling, walking and jogging lane

Salt Marsh -

One acre of salt marsh can absorb up to 1.5 million gallons of floodwater.



+15ft Layer of built-up landscape

Bath house - Embedded with living machine on the walls.

+03ft Basin | Healthscape

Embedded with water filtration halophilic plants and to slow down and direct the flooding

Healthscape consist of :

- Floating pools
- Brine bath
- Mud bath

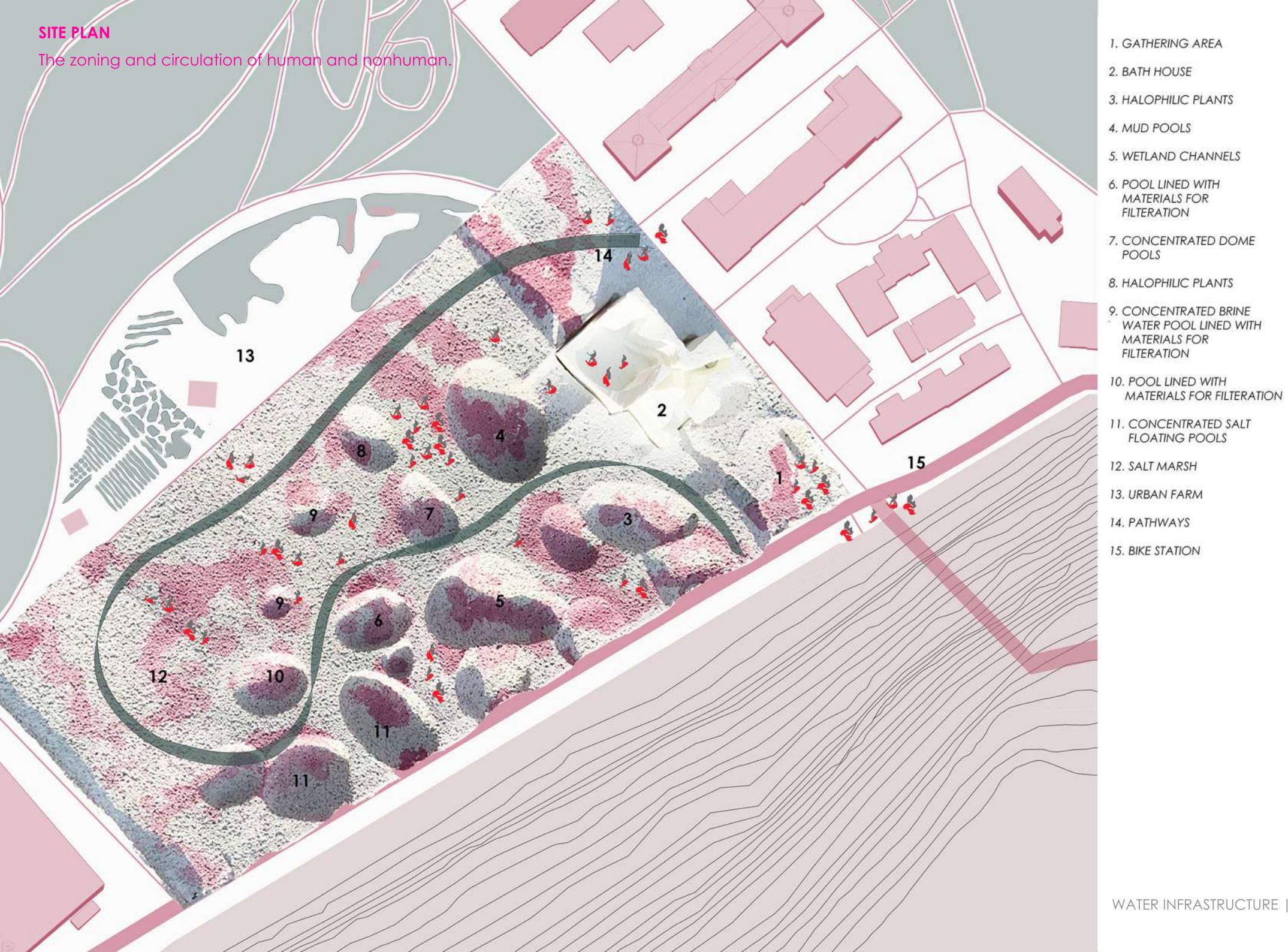
-18ft Layer of machinery

Salt water filtration channels, catchment storage and services

Slow discharge of brine concentrated water which helps in not affecting the water ph and organisms

SITE PLAN

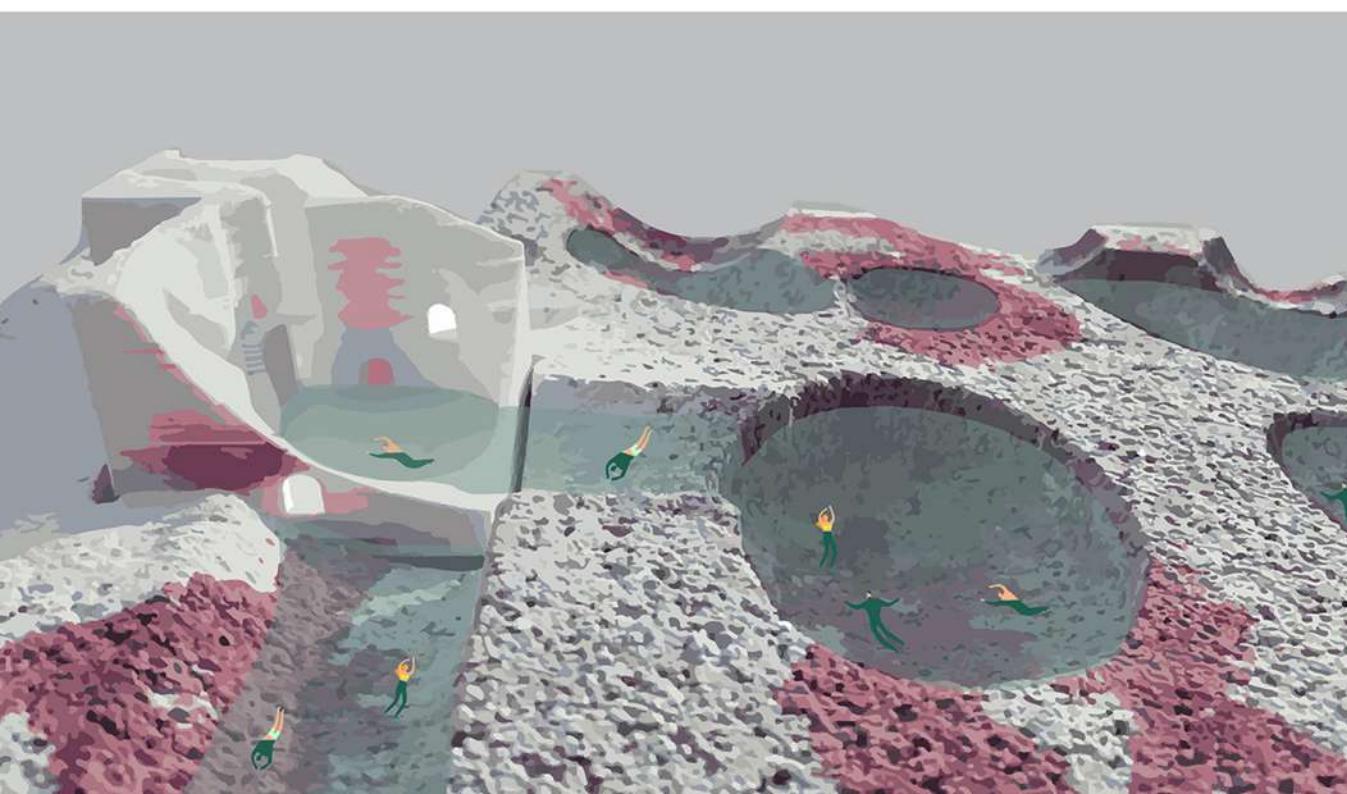
The zoning and circulation of human and nonhuman.



BATH HOUSE



Speculative visualization of the bathhouse



Robotics arm extrusion

BATH HOUSE

Thermal desalinization | Biometric living machine

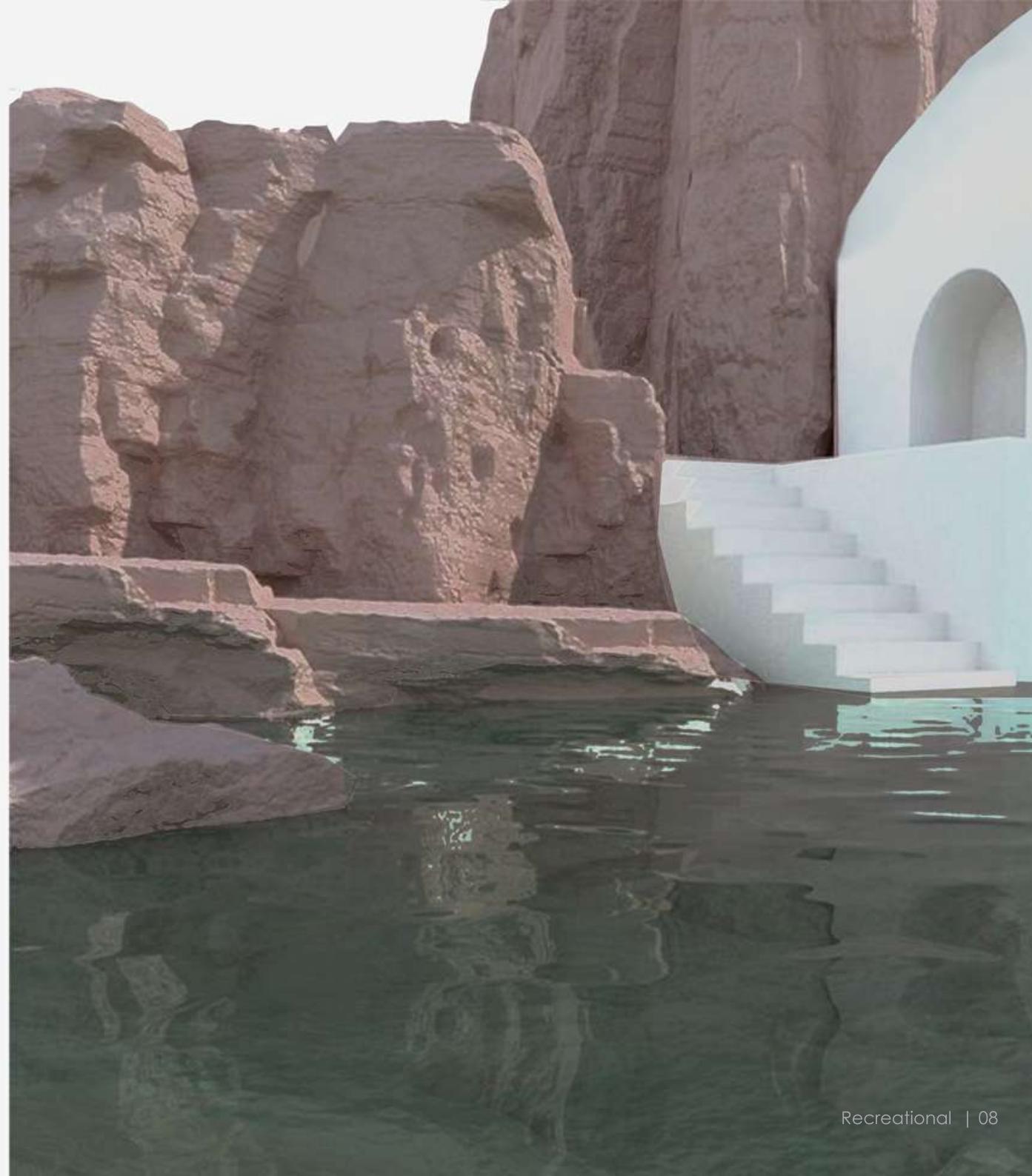
Academics | Recreational | 2022

Software : Rhino+Grasshopper | Photoshop | InDesign | V-Ray

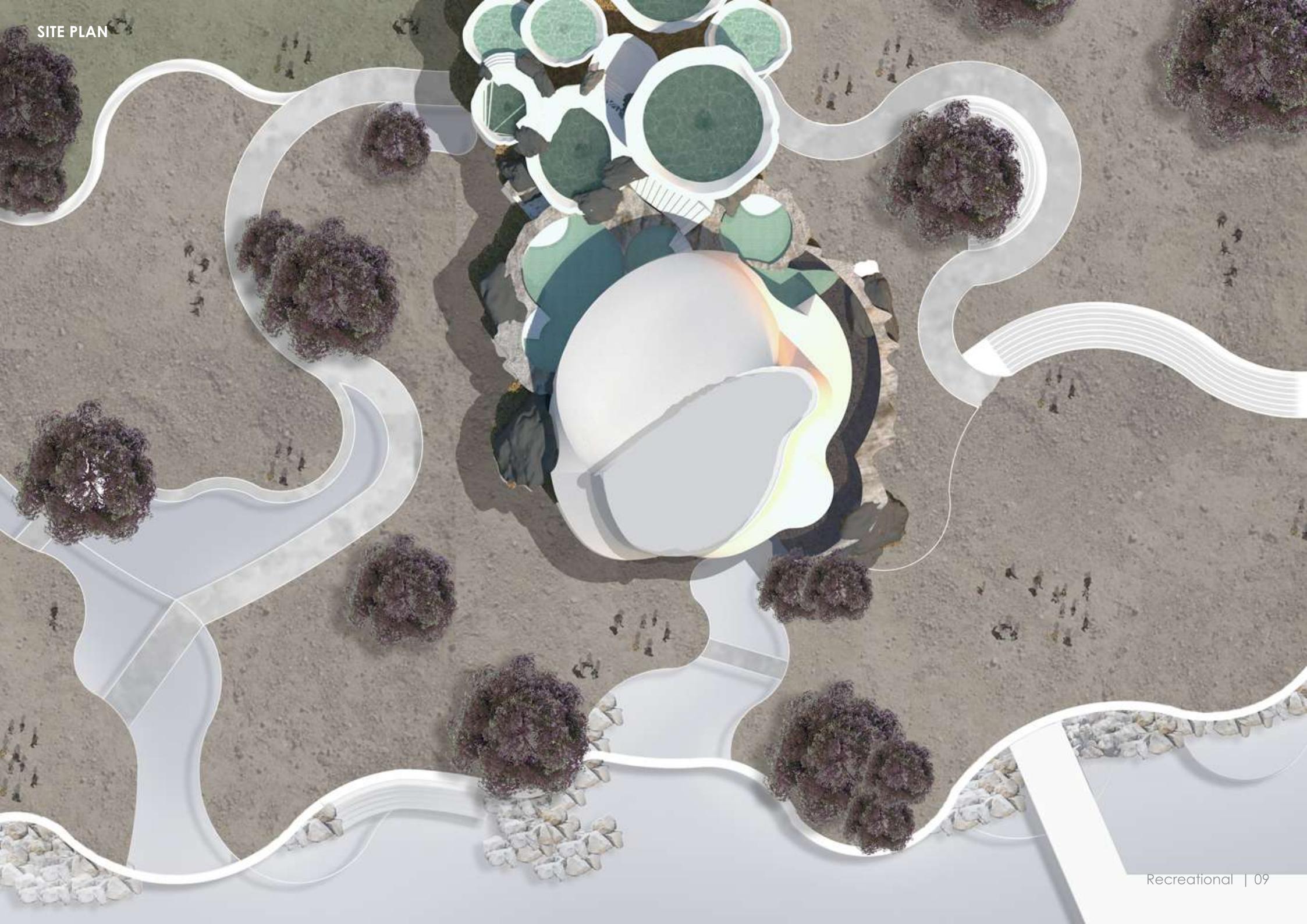
Collaboration: Keerthanasee Paranthaman

This project envisions health and recreational typology that repurposes byproducts from desalinization.

Brine baths, salt concretes and mud baths can become outputs from the desalinization process.



SITE PLAN





Water capturing pools that are provided with salt water through flood channels. The pools are lined with sustainable filtering systems in their walls and help filter the salt water making it a lining machine. The bath house also consist of heat concentration roof, that helps in thermal desalination of salt water



Water capturing pools filter both salt water and also harvest rain water. The structure creates a microclimate below and also provides spaces for recreational activities

THE SPIRAL

Archdias Competition | Sacred space | 2020

Software: Sketchup | AutoCad | Photoshop | InDesign | Illustrator | V-Ray

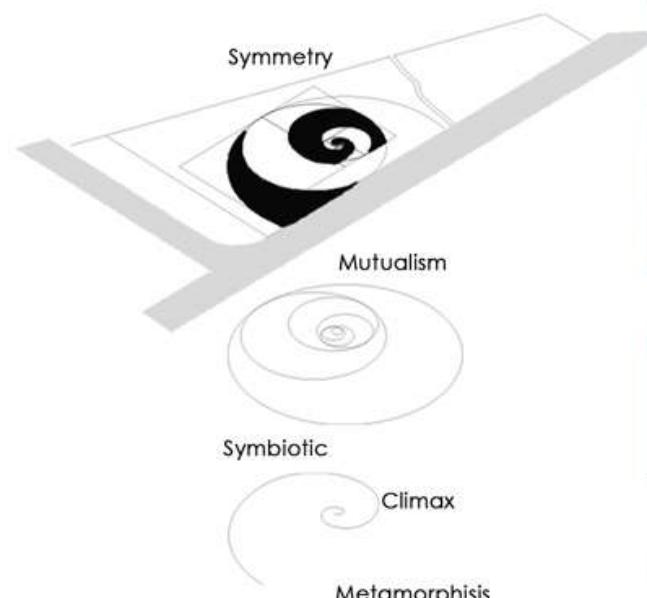
The SPIRAL brings hope to the locality by transcending itself as a breathable space, from the world that's obsessed with speed, consumerism, technology. It provides a respite environment intentionally designed to 'reach beyond' and help frame our existential condition with the larger matter of life and divine.

A building's geometric proportions turn into shivers, stone into tears, rituals into insights, light into joy, space into contemplation, and time into heightened presence

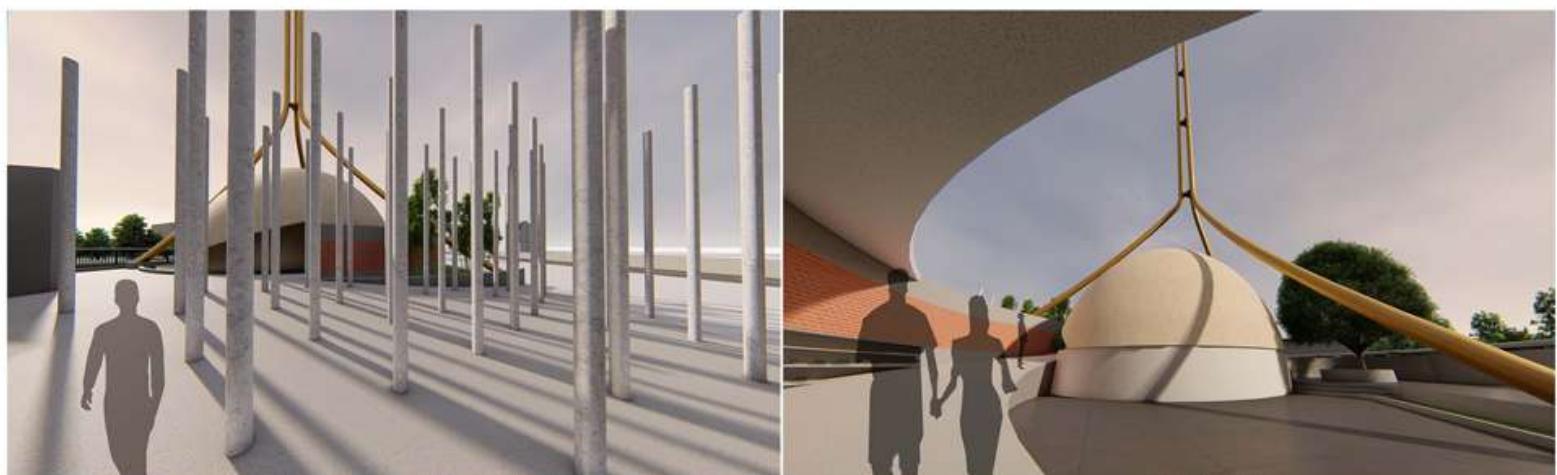


The aim was imagining a space that is Sacrosanct. The people who will come here will remain true to their own religion, continue to draw from its power, and engage in peaceable dialogue with one another and with members of the world secular population.

THE TRANSCENDING PATH

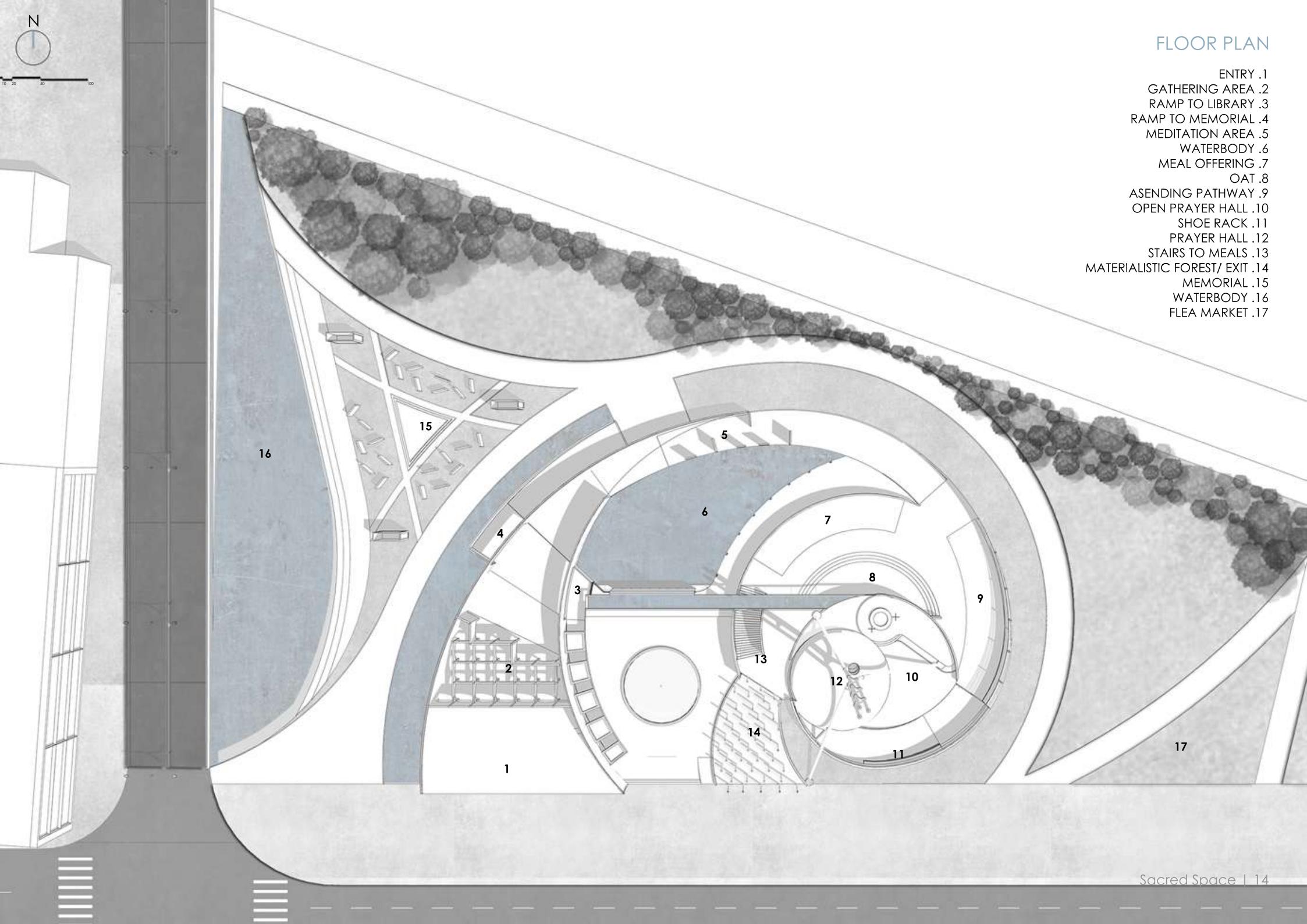


CONGREGATION



PROCESSION TO MATERIALISTIC WORLD

PRAYER HALL



LIBRARY ROOF



A space for all, a space with no boundaries, a space with no aspiration of pleasing any one community, a space with no prejudices, a space of equality, a space for humanity, a space that could also be a place.

MEDITATION AREA



SPACES, CAF

Academics | Research and development | 2020

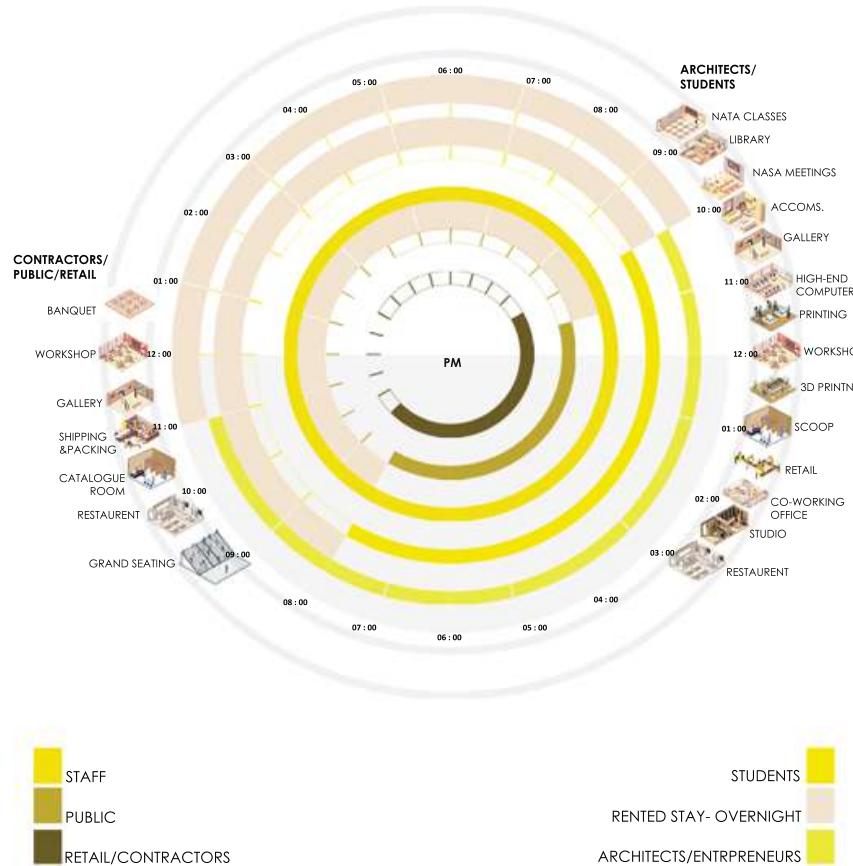
Software : Revit | Autocad | Illustrator | Photoshop | InDesign

The meeting place for architecture, design and urban culture. Projects main objective is to develope,innovate, collaborate and acquire a more deeper knowledge in architecture

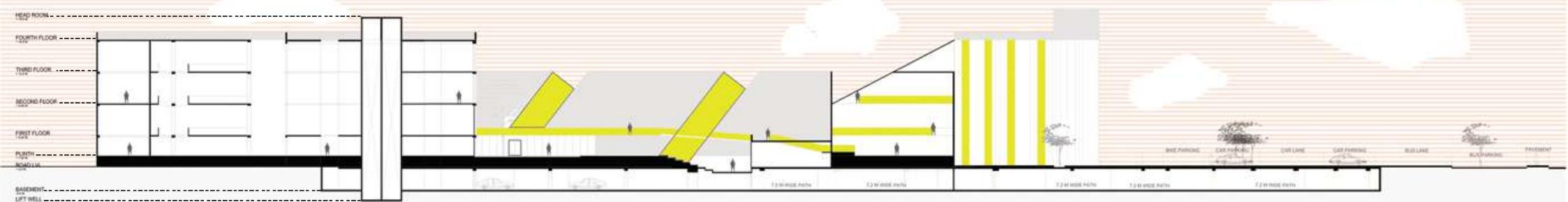


SPACIAL ARRANGEMENT

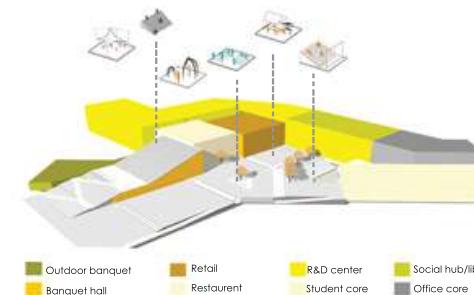
USER ANALYSIS



SECTION



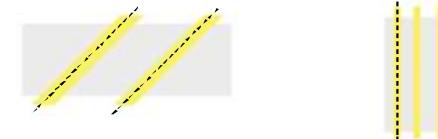
Interpretation through architecture for architecture



STATEMENT :

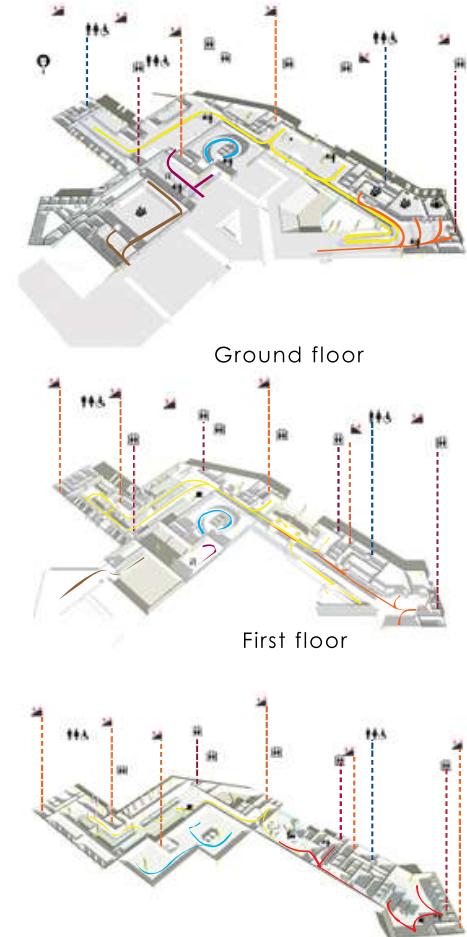
To give people a wider understanding of architecture. And how it influences everyday life.

Clear glass with aluminium framework running throughout the facade, therefore people can witness the events happening inside the building.

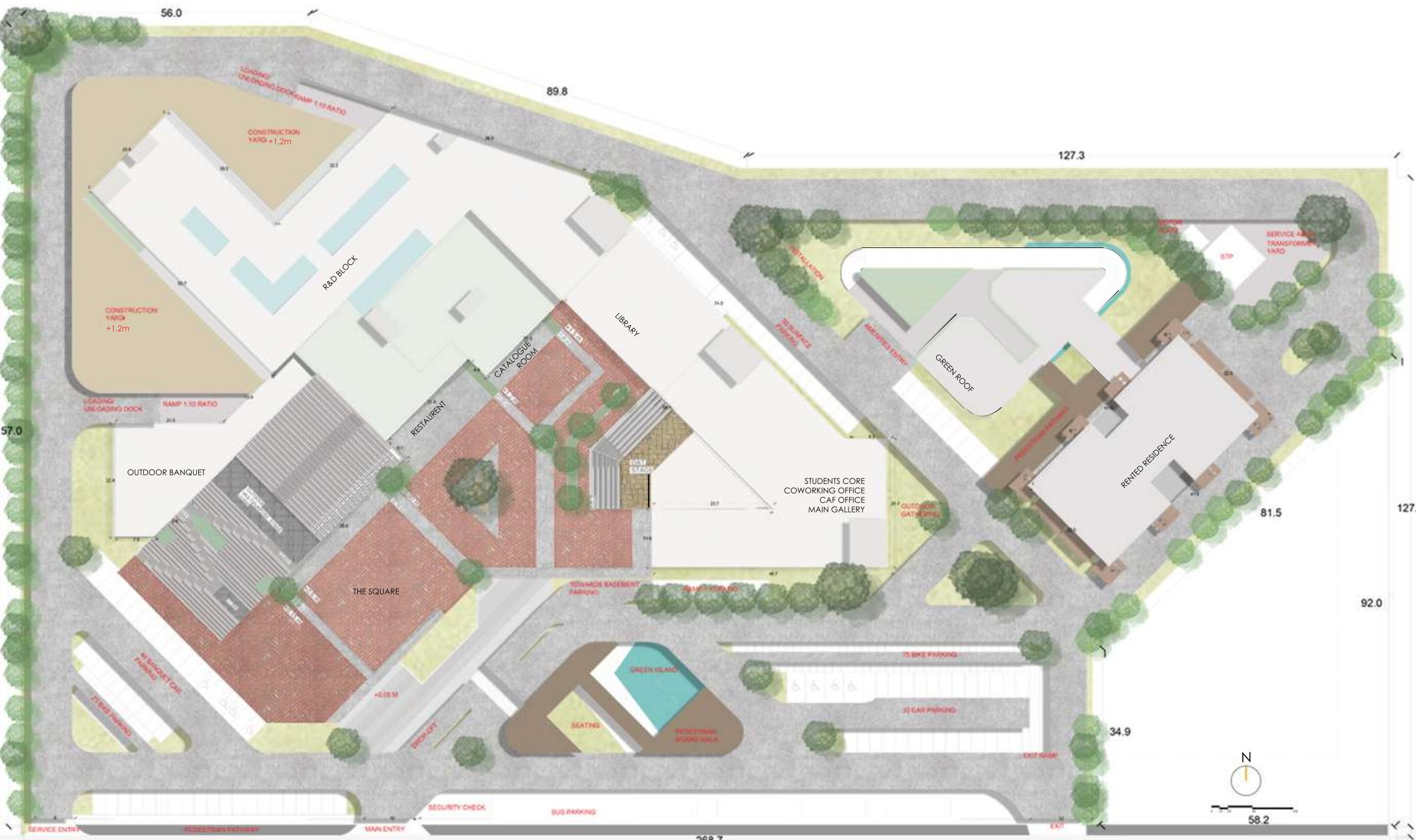


A wider range of understanding of all activities through TRANSPERANCY

USER CIRCULATION



SITE PLAN



THE SQUARE

What makes these structures so timeless and what sets them apart ?

A several stepped platform to comute and collaborate.Each space and activity is divided by the square in levels.

An individual who is standing there would be intimidated by the scale,geometry and volume.

The project trancends itself as a great being. Shows how much more architecture has to offer.



VIEWS

VIEW FROM OUTDOOR RESTAURANT



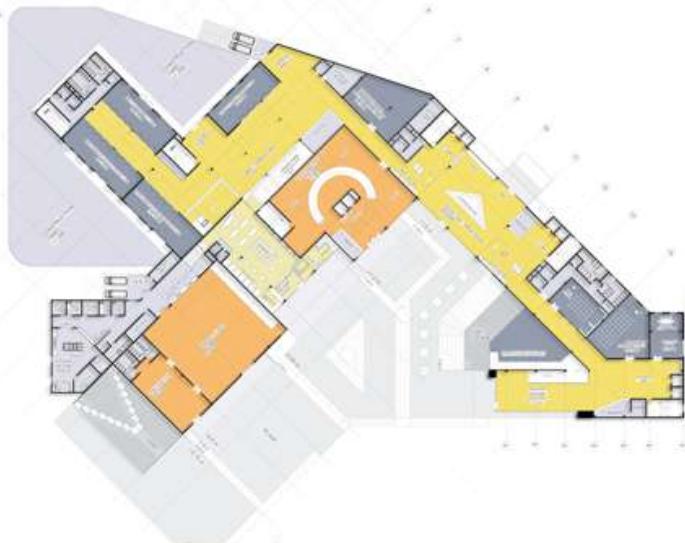
BANQUET HALL



DROP-OFF ZONE



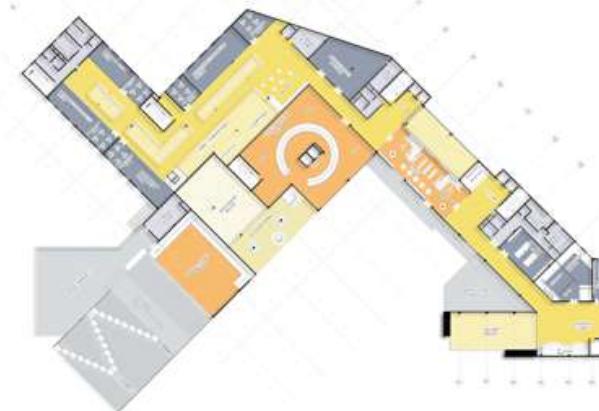
FLOOR PLANS



GROUND FLOOR

GROUND FLOOR:

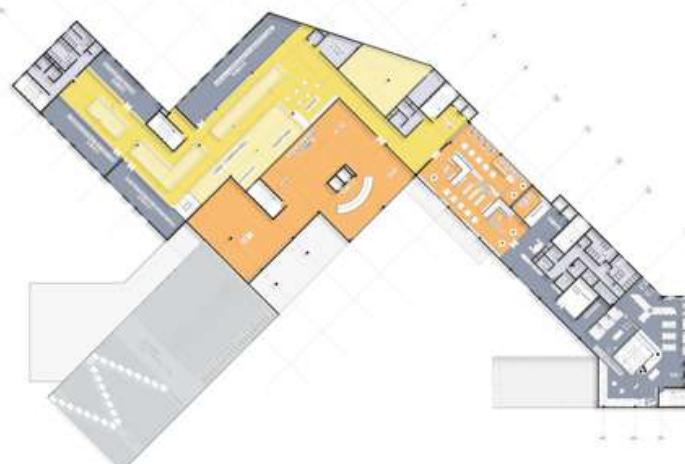
- 1.Banquet Hall
- 2.Restaurent
- 3.Catalogue Room
- 4.Social Hub
- 5.Nata
- 6.Nasa
- 7.Public Gallery
- 8.Sesmic Lab
- 9.MEP Lab
- 10.Prefabrication Lab
- 11.Structural Design Lab
- 12.Construction Yard



FIRST FLOOR

FIRST FLOOR:

- 1.Open Banquet
- 2.Restaurent
- 3.Catalogue Room
- 4.Library
- 5.High end comp. Lab
- 6.3-D Printing
- 7.Scoop
- 8.Sesmic Lab
- 9.MEP Lab
- 10.Prefabrication Lab
- 11.Structural Design Lab



SECOND FLOOR

SECOND FLOOR:

- 1.Catalogue Room
- 2.Library
- 3.Co-Working office
- 4.VR in Architecture
- 5.Infrastructure Lab
- 6.Conservation & Restoration Lab
- 7.Advance Urbanism



THIRD FLOOR

THIRD FLOOR:

- 1.Climatology Lab
- 2.Library
- 3.CAF Office
- 4.VR in Architecture
- 5.Infrastructure Lab
- 6.Conservation & Restoration Lab
- 7.Advance Urbanism

| INTERIOR DESIGN + WORKING DRAWINGS |
| PROFESSIONAL |

INFOR

Professional | Co-working office | 2018

Software: Revit | Illustrator | Photoshop | InDesign | 3DsMax

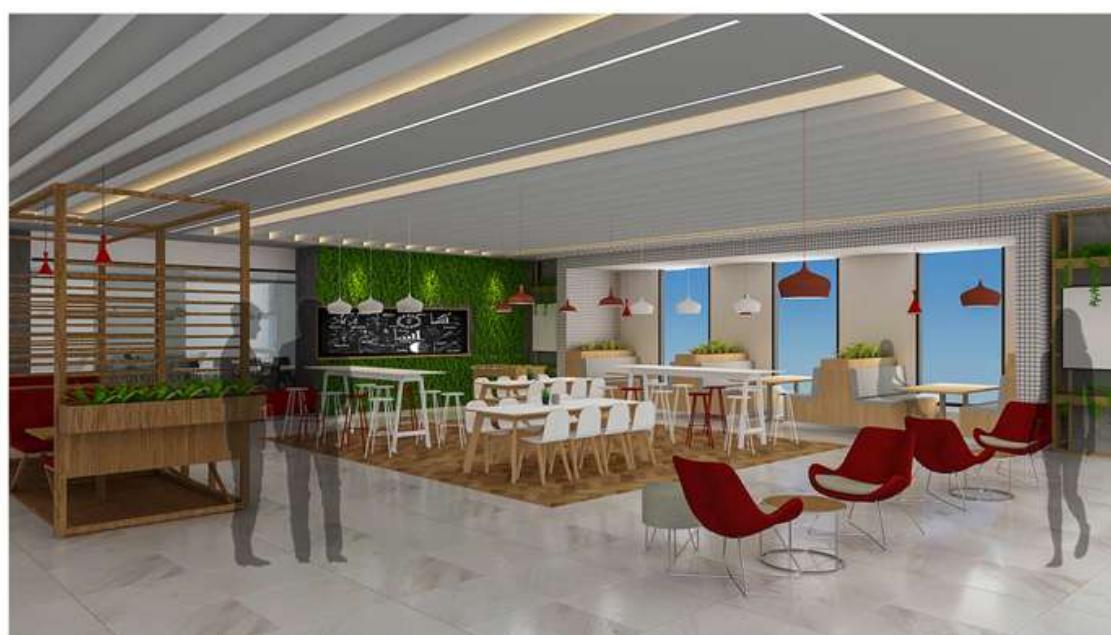
The projects intent is to create agile workspaces that are flexible to accommodate changing requirements. Designed environment that fosters productivity and efficiency. Collaborative workspaces that encourage interaction, knowledge sharing and chance encounters. Creative and dynamic spaces that allow for recreational activities.



SOCIAL HUB

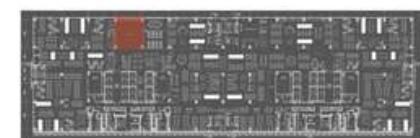
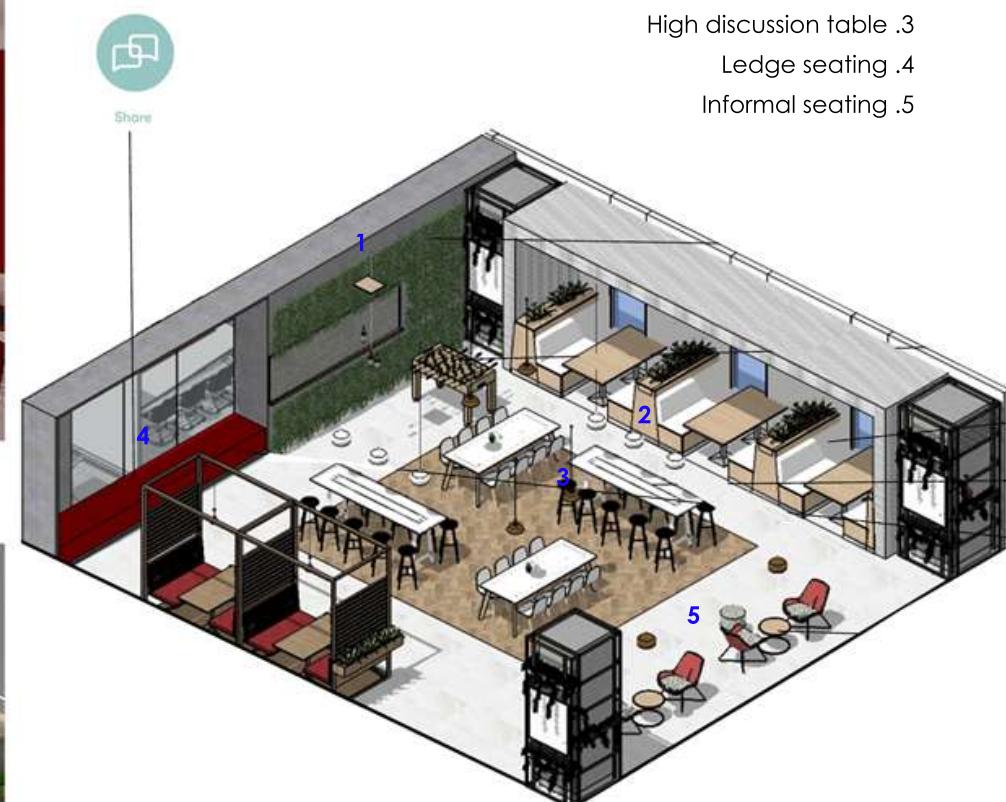


PANTRY



SOCIAL HUB

ISOMETRIC VIEW

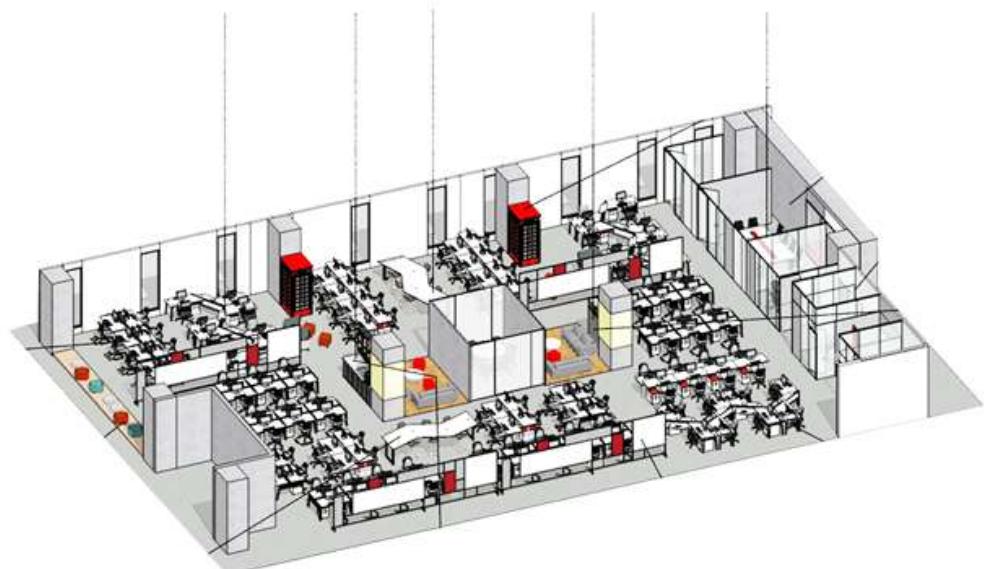
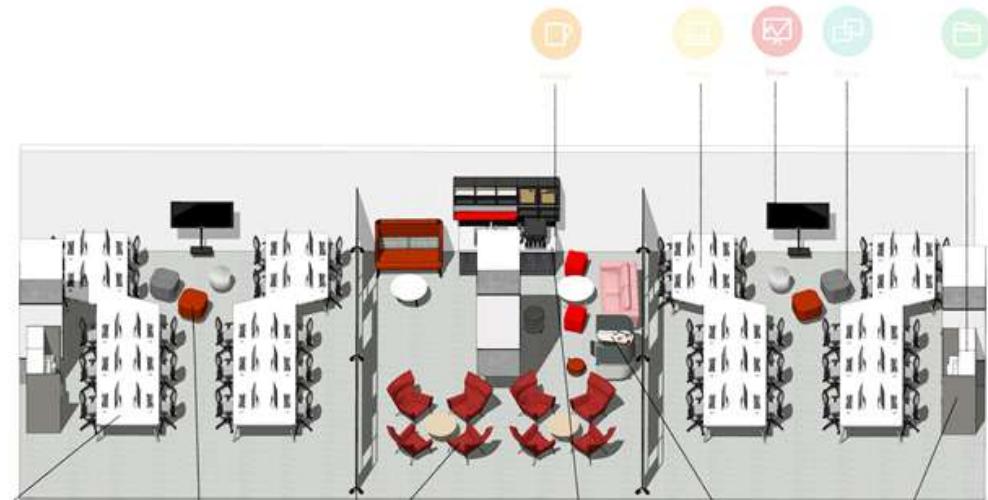


KEY PLAN

OPEN AGILE STUDIO



ISOMETRIC VIEW



POSHNOSH

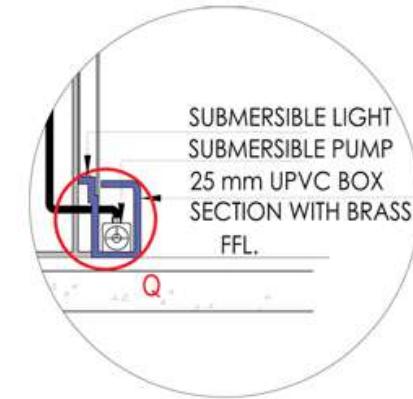
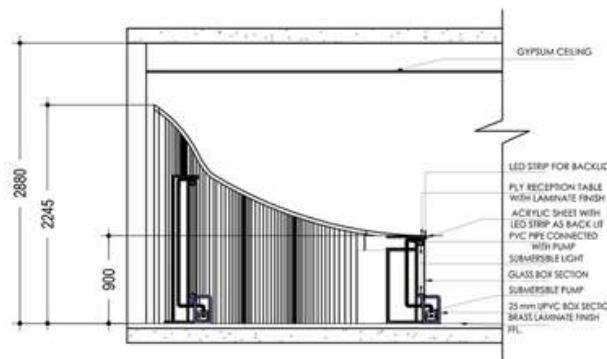
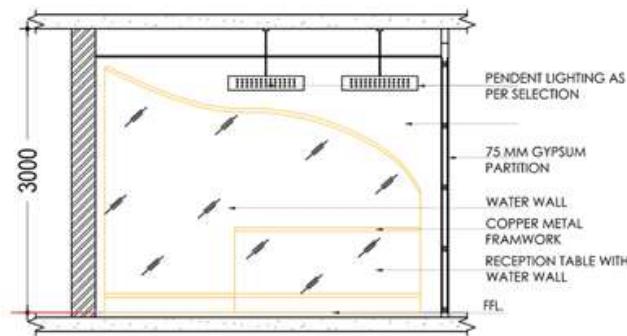
Professional | Bistro Lounge | 2018

Software : Revit | Autocad | Illustrator | Photoshop | InDesign | 3DsMax

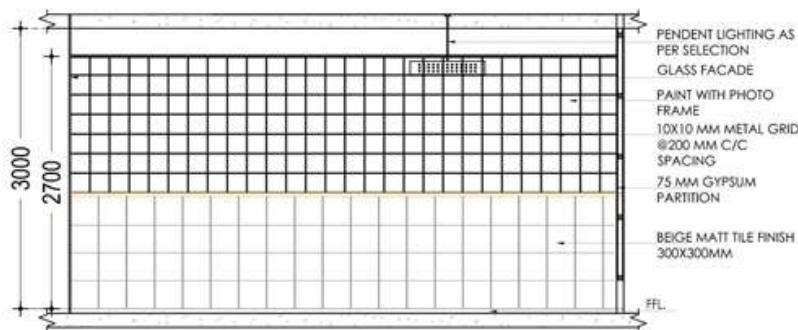
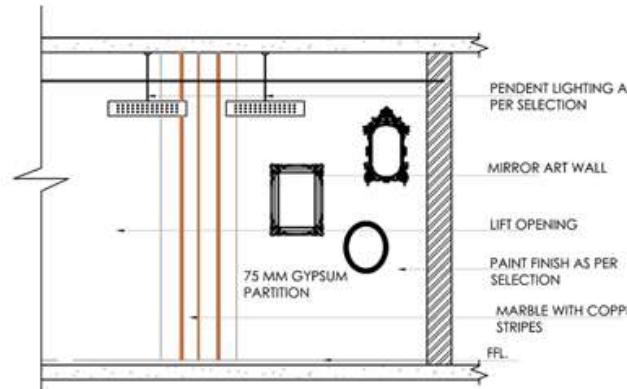
The project reflects the concept of conviviality and sociality. It combines the features of the traditional Italian bar and contemporary design.



RECEPTION



RECEPTION WATER WALL DETAIL

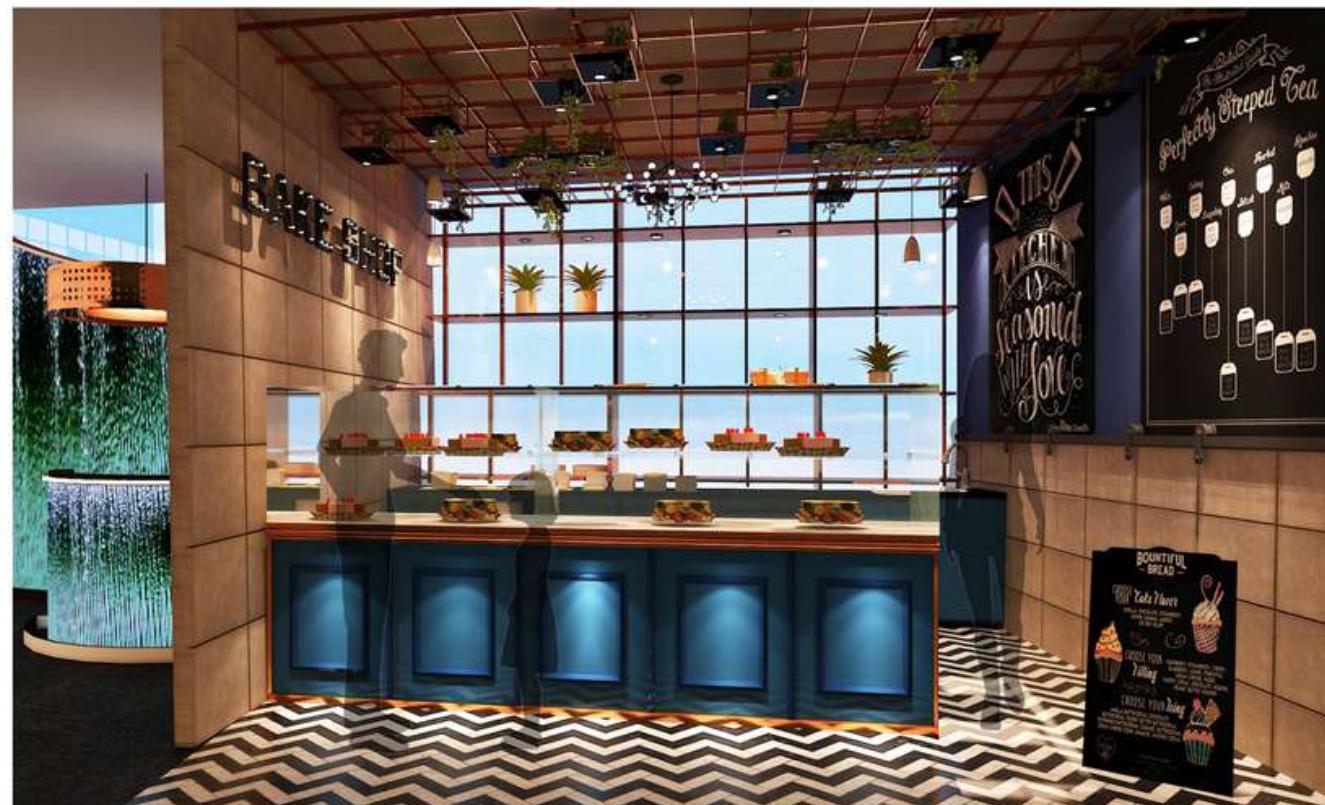
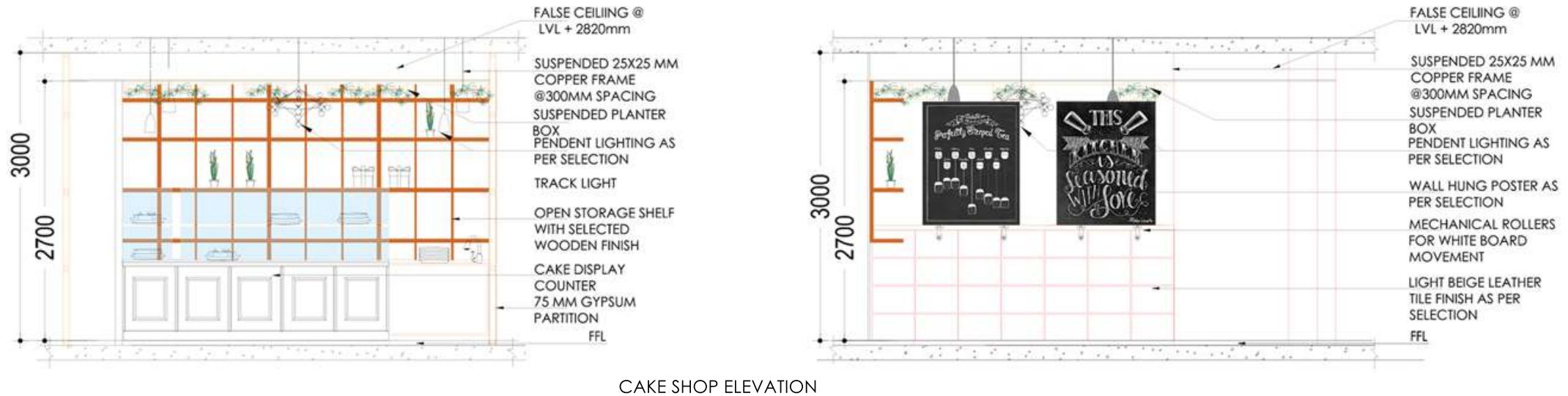


RECEPTION ELEVATION

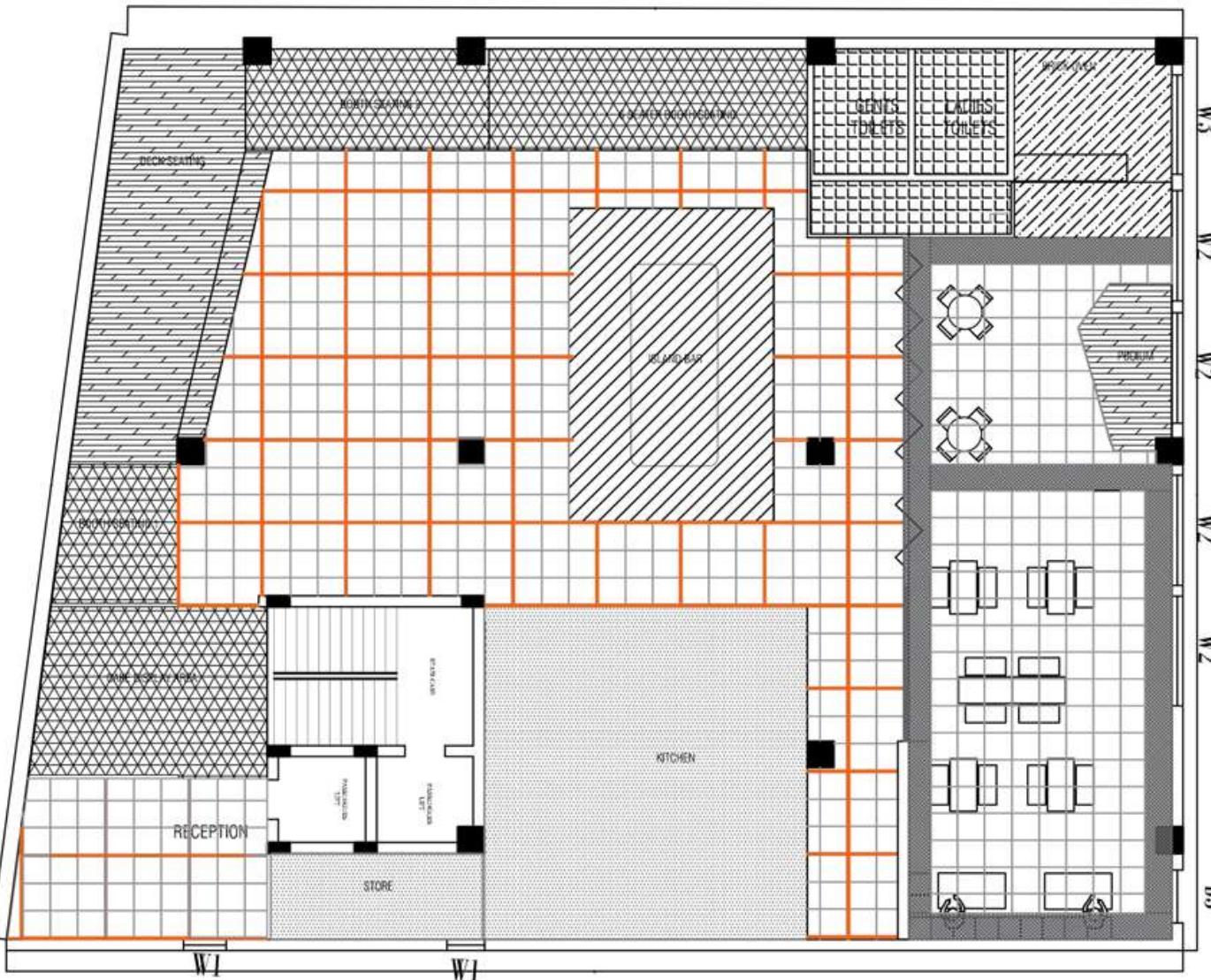


RECEPTION WATER WALL

CAKE SHOP



FLOORING LAYOUT



| LEGEND: FLOORING | | | | | |
|------------------|--------|---------------|-------------------------------------|----------------------------------------------------------------------|------------|
| S.NO | SYMBOL | SPECIFICATION | FLOORING | LOCATIONS | AREA |
| 1 | | | BLACK TILE AS PER SELECTION | RECEPTION, OUTDOOR SEATING CENTRAL SEATING | 207.00 sqm |
| 2 | | | COPPER FINISH METAL | RECEPTION, CENTRAL SEATING | 93.34 sqm |
| 3 | | | KOTA STONE | KITCHEN | 63.9 sqm |
| 4 | | | CHEVERON TILES | CAKE DISPLAY, BOOTH SEATING 1, BOOTH SEATING 2, 6 SEATER BOOTH | 56.6 sqm |
| 5 | | | MICROCONCRETE TILES | TOILET AREA | 56.6 sqm |
| 7 | | | DECK FLOORING | PODIUM | 17.3 sqm |
| 8 | | | MARBLE FLOORING AS PER SELECTION | BAR ISLAND | 17.3 sqm |

THE MAIN CONTRACTOR, SUB CONTRACTOR, OR SUPPLIER SHALL

13. NOT SCALE FROM THIS DRAWING. ONLY WORK TO FLOOR DIMENSIONS. ALL DIMENSIONS ARE IN MILLIMETERS. UNLESS OTHERWISE STATED.
14. VERIFY ALL DIMENSIONS ON SITE. IMMEDIATELY REPORT TO W DESIGN P/L ANY DRAWING DISCREPANCIES OR DISAGREEMENTS BETWEEN DRAWINGS BEFORE
15. INSTALLATION AND CONSTRUCTION OR ON FABRICATION. NO RESPONSIBILITY FOR SHIP DRAWINGS OR PURCHASE OF SPECIFIED PRODUCT ITEMS.
16. THIS DRAWING IS THE PROPERTY OF W DESIGN P/L AND IS PROVIDED FOR THE USE OF THE CONTRACTOR.
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18. WORKERS AND CONTRACTORS ARE RESPONSIBLE FOR THE SAFETY OF THEMSELVES AND OTHERS.
19. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A WORKPLACE FREE FROM HAZARDOUS SUBSTANCES.
20. BE RESPONSIBLE FOR REQUESTED SUPPLEMENTARY INFORMATION WHERE REQUIRED FROM W DESIGN P/L.
21. SUPPLY IF DESIGNS PULL IN WITH ALL SHIP DRAWINGS, ILLUSTRATIONS AND SPECIFICATIONS FOR SPECIALISTS WORKS INCORPORATED IN THE MAIN CONTRACT.
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| GRADE | | NAME | |
| | | | |
| | | | |
| Email: | | Show Date: | |
| KIRUTHIKA | | 12.01.19 | |
| Class: | | Revised Date: | |
| ARYASHA | | | |
| Date: | | Signature: | |
| 12.01.19 | | ARYASHA | |

| | | |
|----------------|--------------------------|--------------|
| CLIENT | VINEET VALATATI | |
| PROJECT | VINEET VALATI RESTAURANT | |
| DRAWING STATUS | FOR APPROVAL | |
| DRAWING TITLE | FLOORING LAYOUT | |
| DRAWING NO. | VV-01.2 | SCALE: 1:100 |

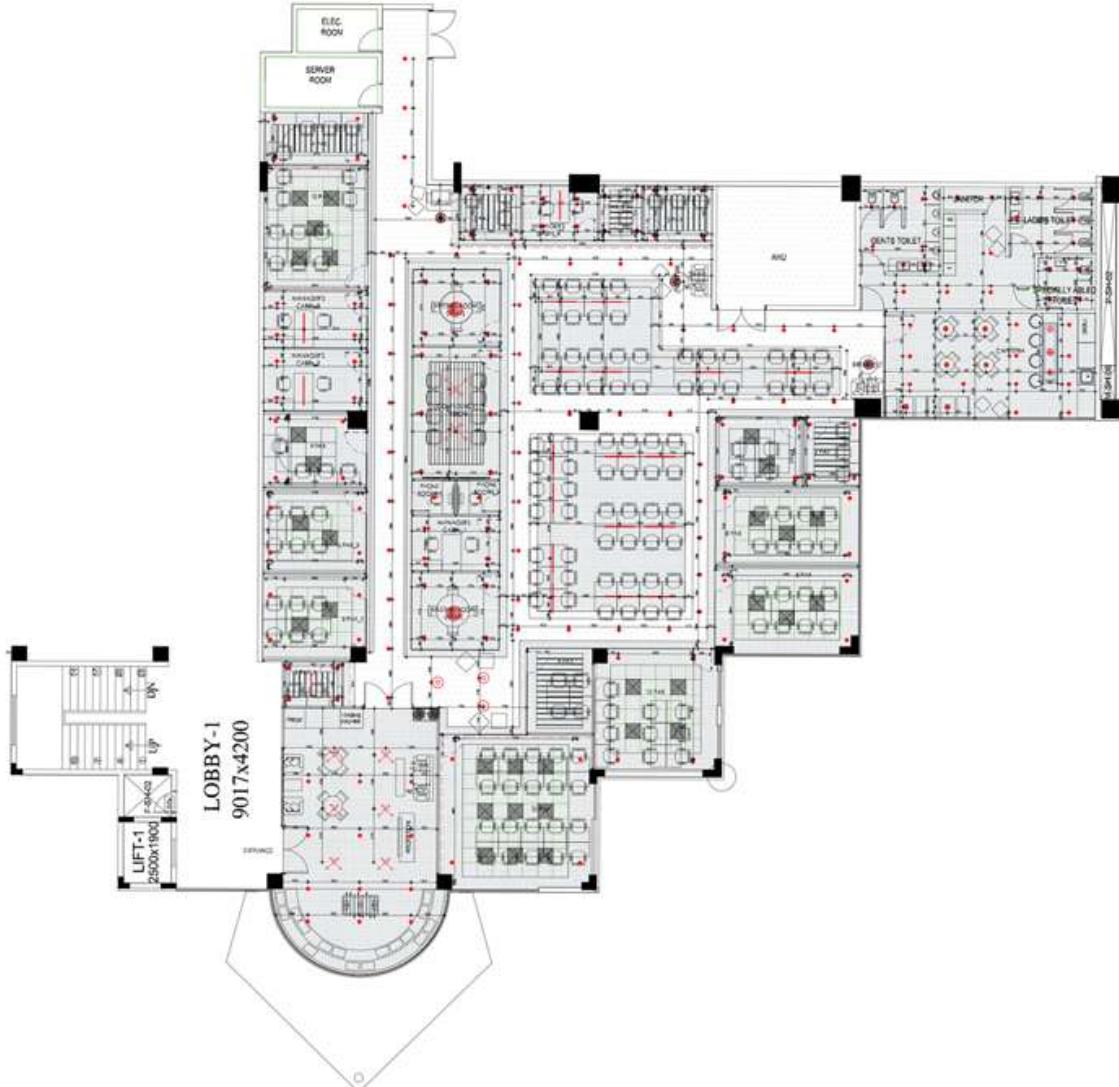
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ARCHITECTURE INTERIOR DESIGN

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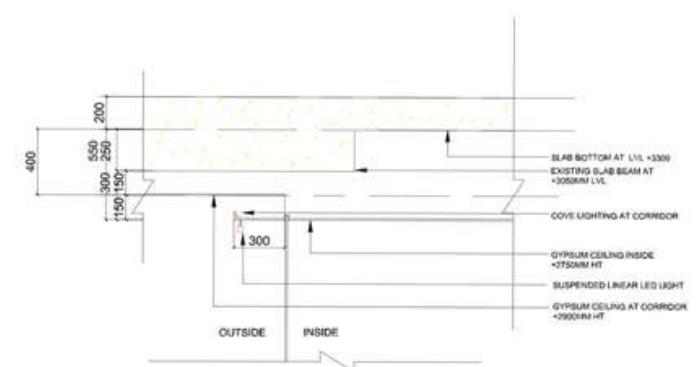
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| LUMINAR LIGHTS | | | | |
|----------------|--------|------|----------------------------------------------|-------|
| SL. NO. | LEGEND | TYPE | AREA | TAG |
| 1. | | | RECEPTION, CONFERENCE ROOM | DL.1 |
| 2. | | | CABIN PAX, MEETING ROOMS, RECEPTION, TOILETS | DL.2 |
| 3. | | | LOBBY LIGHTING | DL.3 |
| 4. | | | BREAKOUT'S | DL.4 |
| 5. | | | CORRIDOR COVE LIGHTING | DL.5 |
| 6. | | | MEETING ROOMS | DL.6 |
| 7. | — | | OPEN WORKSTATIONS | DL.7 |
| 8. | | | PANTRY | DL.8 |
| 9. | | | PAX, MEETING ROOM | DL.9 |
| 10. | | | CAFETERIA | DL.10 |

| LEGEND : CEILING | |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | ACOUSTIC RAFTERS OF SIZE 25x50 MM |
|  | GYPSUM CEILING @ 2750 MM FROM FFL |
|  | GYPSUM CEILING @ 2900 MM FROM FFL |



DETAIL - 1
1:30

| | | | | |
|-------------------------------------------------------------------------------------|----------------|----------|------|----------------|
| DRAWN BY | CHIEF ENGINEER | REV. NO. | DATE | REVISED BY (S) |
| REVIEWED BY | REVIEWED DATE | | | |
| APPROVED BY | APPROVED DATE | | | |
| REMOVED BY | REMOVED DATE | | | |
| NOTES: | | | | |
|  | | | | |

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|------------------------------|--|
| CLIENT: | |
| PROJECT: | |
| DRAWING CATEGORY: | |
| REF: | |
| PROPOSED R.C.P LAYOUT | |
| DRAWING NO: | |

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DESIGNSTUDIEN

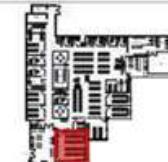
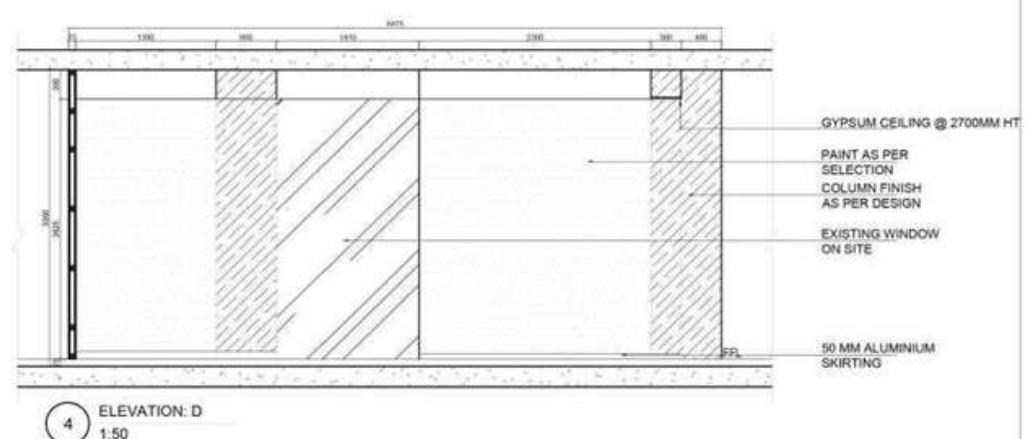
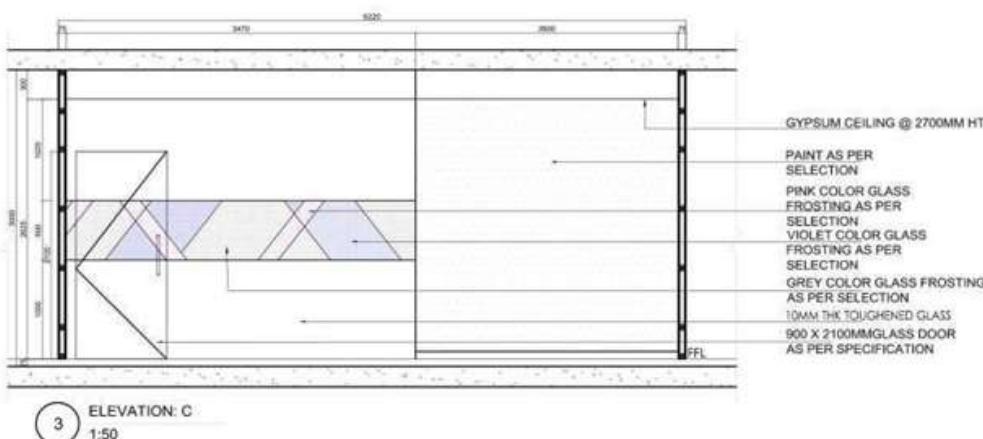
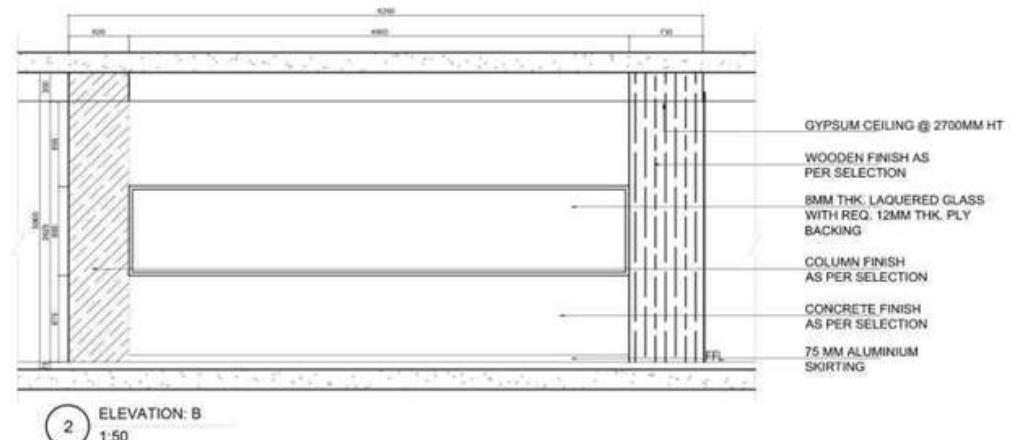
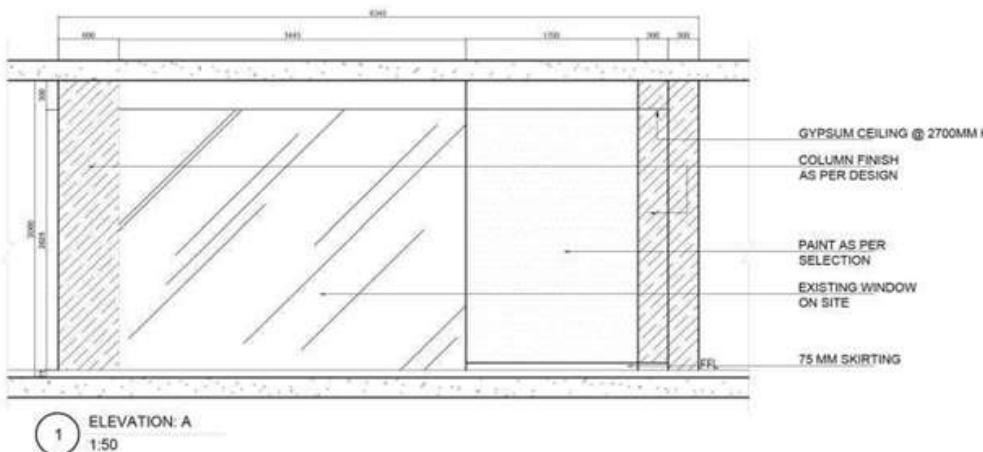
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TENDER DRAWING- ELEVATION



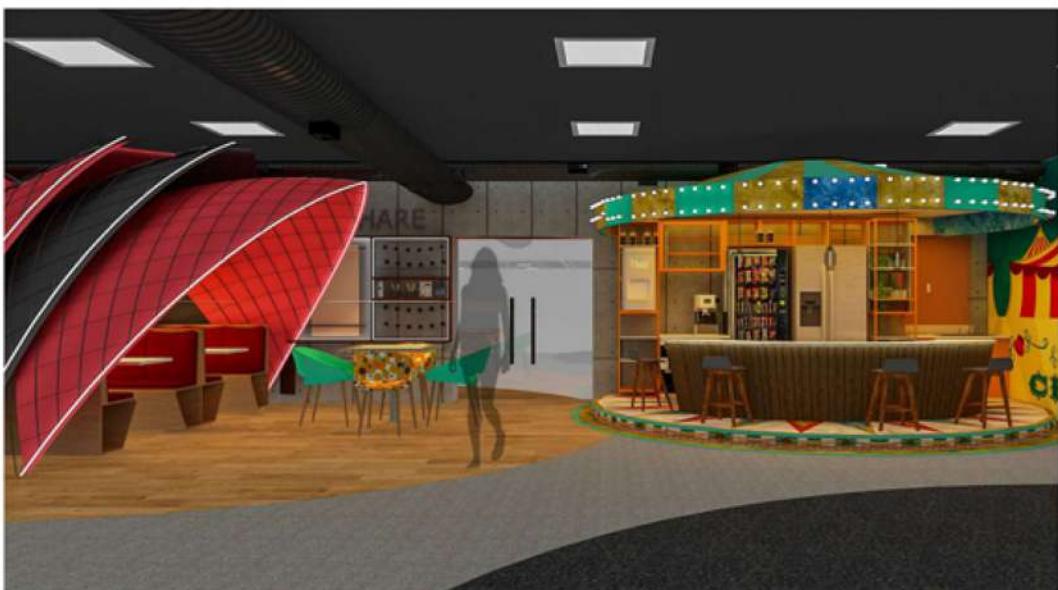
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PROJECT :
IKEVA _ HYDERABAD
DRAWING CATEGORY :
TENDER DRAWING
TITLE :
20 PAX OFFICE_ELEVATION
DRAWING NO :
IKEVA_02.13.1



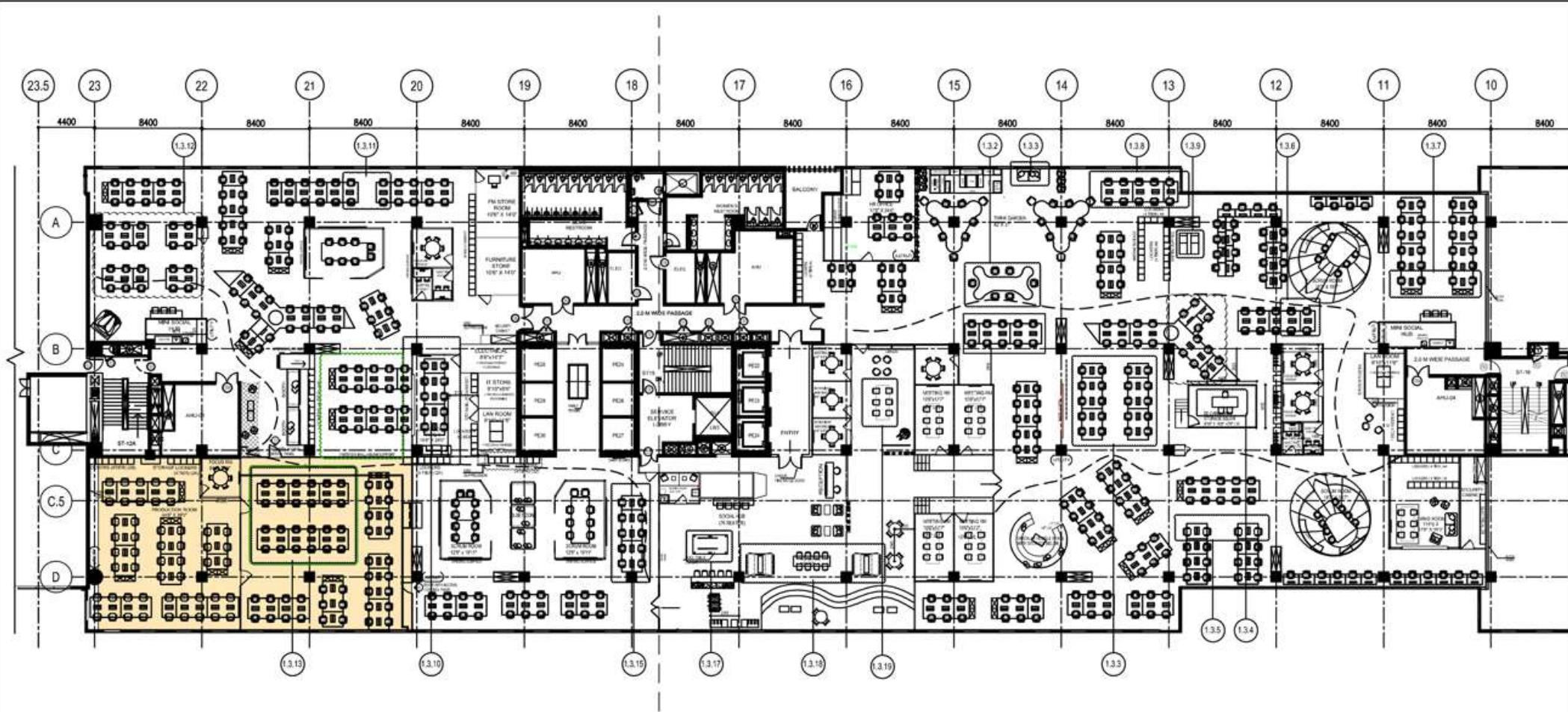
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FURNITURE LAYOUT



| | | |
|-------------|----------------------------|--------------------------|
| MRN# | CHECKED | CLIENT |
| DRWMSHA | ARFHMSA | DBS ASIA HUB 2 PVT. LTD. |
| MRN# DATE | REVISDED DATE | PROJECT |
| 20-08-2016 | 11-02-2017 | DBS, WAYEROCK, HYDERABAD |
| DRAWING NO: | REVISION | DRAWING CAT/WORK |
| MRN#? | WT | GOOD FOR CONSTRUCTION |
| DRWMSHA | TITLE | |
| | FLOOR PLAN-LEVEL 2 PHASE 2 | |
| | DRAWING NO: | SCALE |
| | DBS/LVL2/AD/21/00/R16 | 1:300 |

REMARKS:
REVISION CLOUD:
CHANGES IN THE COUNT OF LOCKERS
CHANGES IN THE COUNT OF WORKSTATIONS
INFORMATION STATUS CHANGED PAGE GREEN REVISION CLOUD



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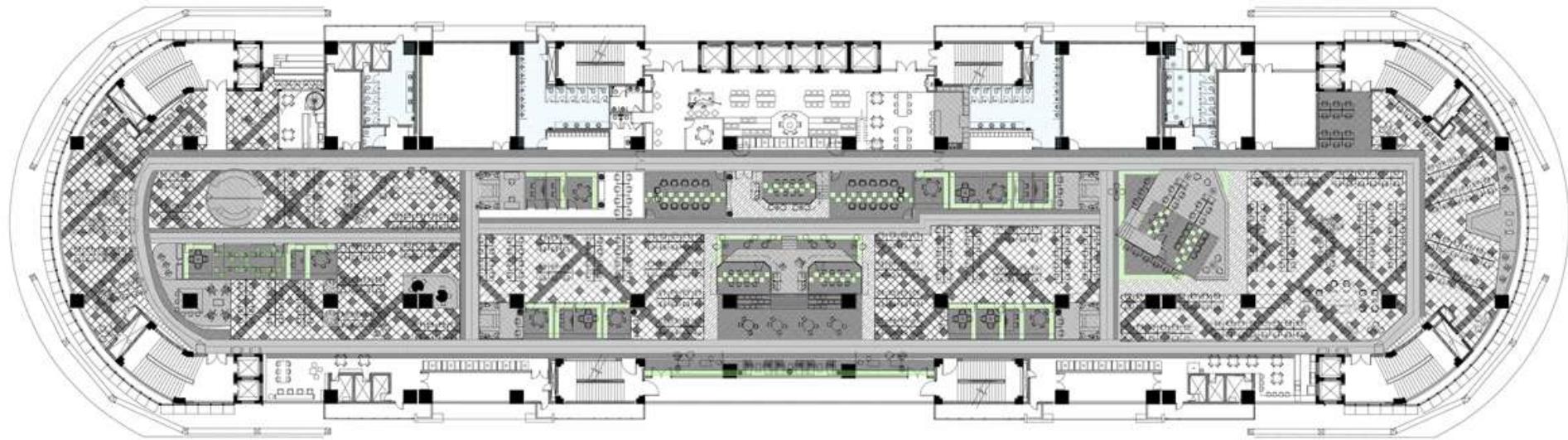


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3810, First Floor, 9th Cross,
Above Bombay Binge, Sampige Road,
Malleshwaram, Bangalore - 560 003
Tel : +91-80-2356 8466-4149 5886
Email : project@otruvuconsultant.com



The logo for Electroarc Consulting Engineers features a circular emblem on the left containing a stylized 'EA' monogram. To the right of the emblem, the company name is printed in a bold, sans-serif font, with 'ELECTROARC' on the top line and 'CONSULTING ENGINEERS' on the bottom line.

CARPET LAYOUT



| SYMBOL | CARPET FLOORING | AREAS |
|--------|-----------------------------|----------------------------------------------|
| | DAK GRAY CARPET FLOORING | TECH STATION, CORRIDOR & PRINCIPAL OFFICES |
| | GRN CARPET FLOORING | CONFERENCE ROOM, HIGHER MEETING ROOMS |
| | SLV CARPET FLOORING | CONFERENCE ROOM, HIGHER MEETING ROOMS |
| | LT GRAY FLOORING | CORRIDORS, OFFICES, STATIONS, BATH, KITCHEN |
| | LT FLOORING WOODEN FLOOR | RECEPTION, DOOR, WALK-IN-DOOR, STAIR, PANTRY |
| | TLF FLOORING | TOILETS |
| | BLK FLOORING | CORRIDORS |
| | LT FLOORING | SPHINXES |
| | GRANITE | TABLES |
| | YELLOW TILE FLOORING | UPSTAIR WORKSTATION |
| | GRN TL FLOORING | UPSTAIR WORKSTATION |

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| | | | |
|-----------------|-----------------------|----------------|--------------------------------------------------------------------------------------|
| CLIENT: | DELHI METRO INCUBATOR | | |
| PROJECT: | DELHI METRO INCUBATOR | | |
| DRAWING STATUS: | GOOD FOR CONSTRUCTION | | |
| Drawn: | Drawn Date: | Revised Date: | North: |
| KIRUTHIKA | 06-12-18 | 13-03-19 |  |
| DATE: | Drawing No: | Revised: | TITLE: |
| | DMI-04.01.15.A | R4 | FLOORING LAYOUT OPTION 2 |
| | DRAWING NO: | DMI-04.01.15.A | |
| | SCALE: | 1:400 | |

CLIENT: DELHI METRO INCUBATOR

PROJECT

DELMETRO INCUBATOR

GOOD FOR CONSTRUCTION

FLOORING LAYOUT OPTIONS

85. 1. ALL THE DAILI PASSAGE WHICH ARE SWIMMING OF DEMARICATE ARE TO BE DONE IN LUXURY UNITS. THE

1. ALL THE MAIN PASSAGE WAYS ARE TO BE MAINTAINED DEDICATED AND TO BE DONE IN LIGHTER HUE, THAT
2. WORKSTATION AREAS TO BE PROVIDED WITH DARK GREY CARPET.

3. ALL THE HUDDLE SPACES AND THE PLATFORMS BETWEEN THE WORKSTATIONS ARE LUXURY VINYL TILE.
4. ALL THE MEETING ROOMS HAVE CARPET AS FLOORING.

ALL THE METRO ROOMS HAVE CARPET AS FLOORING.

1. REVISED SOCIAL HUB AREA

OPEN WORKSTATIONS HAVE TILE FLOORING

OPEN HOUSE THIS SATURDAY, JULY 11, 2009

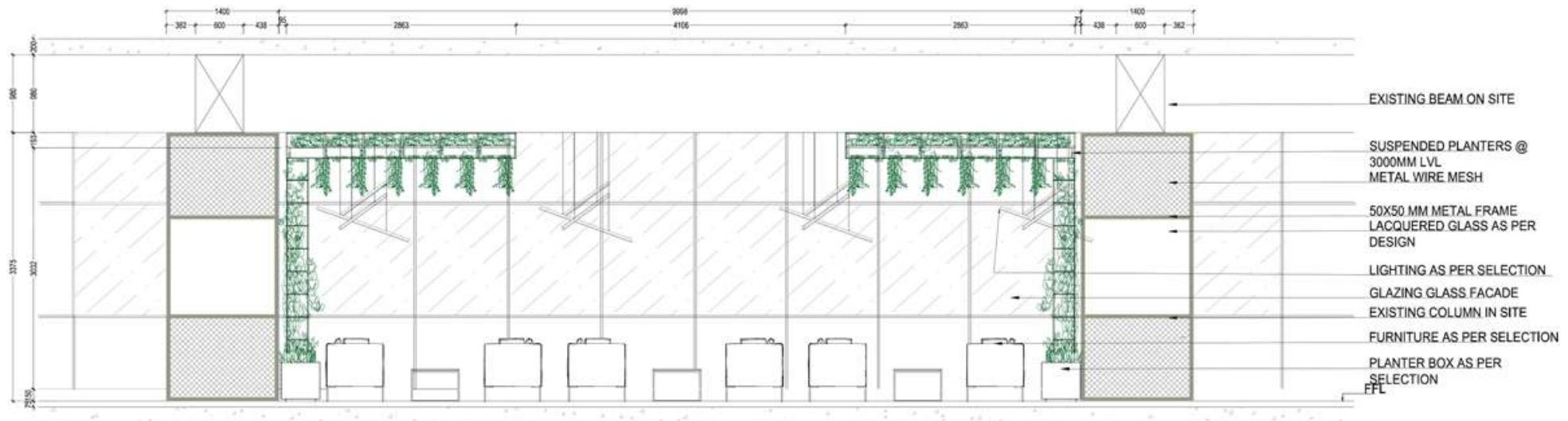
W
DESIGNSTUDIEN

WDESIGNSTUDIO Pvt. Ltd.
Plot No. 1254/A,
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Hyderabad - 500 033

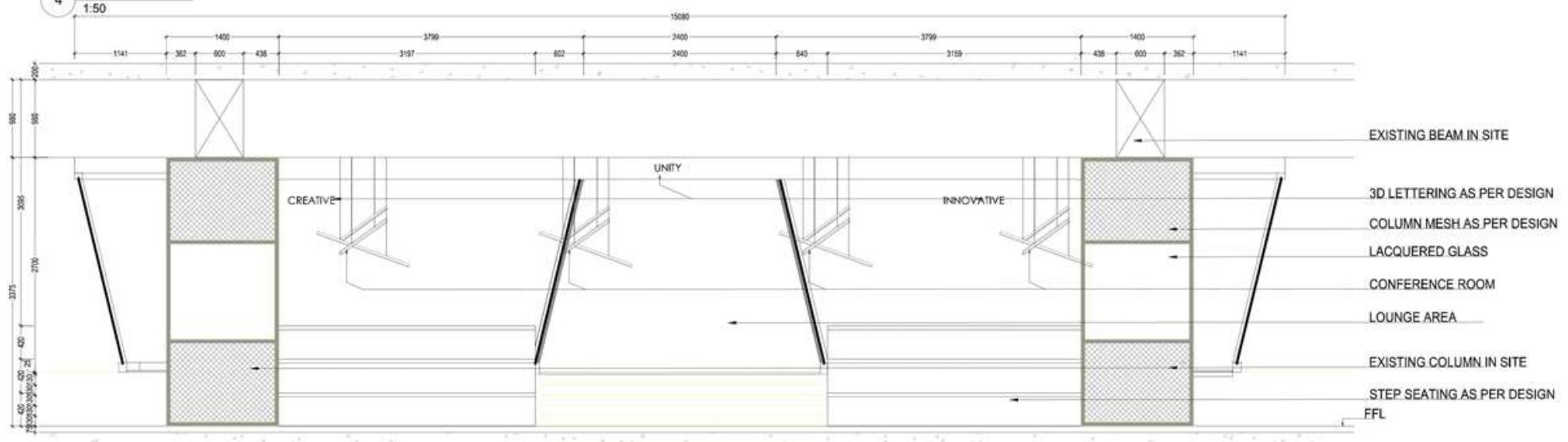
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F +9140-23550182
M +91-7799811311

www.wdesignstudio.in

TENDER DRAWING- ELEVATION



4 ELEVATION - B
1:50



5 ELEVATION - D
1:50

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| | | |
|-----------------|----------------------------|--------|
| CLIENT: | HUNCH VENTURES | |
| PROJECT: | DELHI INCUBATOR- 4TH FLOOR | |
| DRAWING STATUS: | GOOD FOR CONSTRUCTION | |
| DRAWING TITLE: | STEP SEATING + HOT DESK | |
| DRAWING NO.: | 1-50 | SCALE: |

CULT GAIA

Professional | Retail | 2022

Software: Revit

The project is a retail interior build-out. The concept is to elevate the product with different design elements and materials. The most challenging part of the design was to bring out the smooth plastered curves.



ARCHITECT:
SUGARHOUSE
340 WEST 39TH STREET
NEW YORK, NY 10018
917.291.2666

ENGINEER:
VINCENT J. LIOTTA, PE
33-21 106TH STREET
QUEENS, NY 11362
TEL: 718.263.1000
VJL@PAOLI.COM

EXEDITOR:
RSP CC INC
326 BROADWAY SUITE 304
NEW YORK, NY 10007-3057
PHONE: 212.204.1480
FAX: 212.204.1481
CONTACT@RSPNY.COM

482 BROOME STREET
NEW YORK, NY, 10013



DOB NOW JOB #:
GC M00712571_H
MS M00712574_H
PL M00712574_S1

FIRST FLOOR REFLECTED CEILING PLAN 1

14' x 14' 0"

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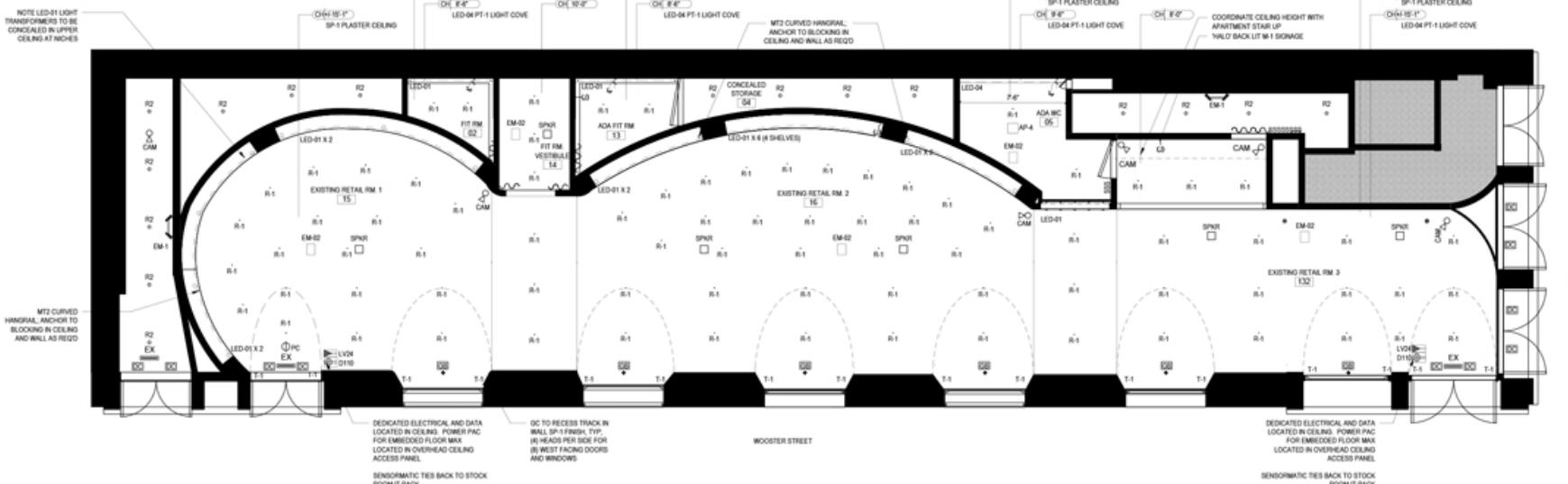
PROJECT NO.:
DATE: 10/10/2021
DRAWN BY: JAN
CHECKED BY: JAN

AREA: 287 GROUND + 454 CELLAR SF
DESCRIPTION DATE
1 ISSUE FOR LANDLORD REVIEW 08/19/2022
2 ISSUE FOR DC PRICING 08/19/2022
3 ISSUE FOR NYC DOB 08/24/2022

SHEET TITLE: FIRST FLOOR
REFLECTED CEILING PLAN

DRAWING NO: A-011.00

SHEET NUMBER: 13 OF 14



LIGHTING LEGEND 75% LIGHTS ARE DIMMABLE

| TAG | SYMBOL | DESCRIPTION |
|--------|--------|-----------------------------------------------------------------------------------------------------|
| R-1 | ○ | 12" DIA RECESSED LIGHTS |
| R-2 | ○ | RECESSED LIGHTS |
| SC-1 | ⊕ | WALL MOUNTED LIGHTS |
| LED-01 | — | 3000K DIMMABLE FIXTURE LIGHT TERMINATED ON MILLWORK OR POCKET CEILING. CONCEAL TRANSFORMER ON LEDGE |
| T-1 | — | TRACK LIGHTS, GC TO CONCEAL TRACK IN WALLS |
| T-2 | — | TRACK LIGHTS |
| EX | EX | EXIT SIGN, ARROWS NOTE DIRECTION OF EGRESS |
| EM-01 | — | WALL MOUNTED EMERGENCY LIGHTS |
| EM-02 | — | POP DOWN EMERGENCY LIGHT |

AUDIO LEGEND

| TAG | SYMBOL | DESCRIPTION |
|------|--------|---------------------------------------------------------------------------------------------------------|
| SPNR | □ | STEALTH ACOUSTICS 6.5" PLATE INVISIBLE IN-CEILING LOUDSPEAKER, 100 WATTS RMS, 50W MIN RECOMMENDED POWER |

PEOPLE COUNTER LEGEND

| TAG | SYMBOL | DESCRIPTION |
|-----|--------|---------------------------|
| PC | ○ | PEOPLE COUNTER COUNT-WISE |

ELECTRICAL LEGEND

| | | | |
|-----|--------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DU | DUPLX OUTLET, TYP. @ 10' A.F. UNLESS OTHERWISE NOTED | DU | DIAPHRAGMATIC SWITCH LOCATION - SEE ELECTRICAL DRAWINGS FOR QUANTITIES AND CIRCUITING |
| M | DUPLEX OUTLET - TERMINATED ON MILLWORK CONCEALED WITH OUTLET MATCHED TO FINISH | C (H) | CAT6 QUANTITY INDICATES QUANTITY, 4 IS 4 DROPS |
| GFI | GROUND FAULT INTERRUPTER TYPE DUPLEX OUTLET | C (H) | CAT6 FLOOR RECEPTACLE (NUMBER INDICATES QUANTITY, 4 IS 4 DROPS) |
| DN | LIGHT SWICHED TYPE DUPLEX OUTLET | EP | ELECTRICAL PANEL, PRINT PANEL TO MATCH WALL COLOR |
| F | FLOOR MOUNTED RECEPTACLE, CONCEALED WITH OUTLET MATCHED TO FINISH | T | THERMOSTAT |
| F | FLOOR MOUNTED RECEPTACLE - CONCEALED WITH OUTLET MATCHED TO FINISH | IT RACK | LOW VOLTAGE CABINET: MAIN DISTRIBUTION FACILITY; G.C. TO PROVIDE FLOORWOOD ON WALL FOR MOUNTING AS SOON AS DEMO IS COMPLETE; SEE DRAWINGS FOR ELEVATIONS AND DETAILS |
| D | DEDICATED 20 AMP OUTLETS - WITH BLUE INDICATOR RECEPTACLE | WAP | WIRELESS ACCESS POINT AT 4'-0" A.F. GC TO SUPPLY TWO CAT6 DATA DROP, TERMINATION BY OTHERS |
| Q | QUAD OUTLET | DU | CONCEALED LEVITON (OR APPROVED ALTERNATE) SINGLE CIRCUIT MOMENTARY DOORBELL WITH JAMB BOX SWITCH |

ELECTRICAL NOTES

1. ALL HEIGHTS TO BE COORDINATED WITH ELEVATIONS.
2. ALL ELECTRICAL WORK TO BE DONE IN ACCORDANCE WITH ALL CODES HAVING JURISDICTION.
3. ALL NEW LIGHTS ARE DIMMABLE. CONFIRM KELVIN TEMPERATURE IS +1000 TYPICAL.
4. EXISTING SWITCHES, OUTLETS AND LIGHTS MUST BE VERIFIED ON SITE. EXISTING OUTLETS MAY NOT BE IN NEW WORK. LIGHTS AND OUTLETS MUST BE COORDINATED WITH NEW WORK. NOTIFY ARCHITECT OF CONFLICTS.
5. GC IS RESPONSIBLE FOR PURCHASING AND INSTALLING LIGHT BULBS.
6. FIRE RESISTANCE OF BUILDING ASSEMBLY MEETS OR EXCEEDS MINIMUM FIRE RESISTANCE REQUIREMENTS OF STRUCTURAL ELEMENTS.
7. GC TO COORDINATE POWER REQUIREMENTS AND LOCATIONS W/ AUDIO, SECURITY, AND P.O.S. SYSTEM VENDORS. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR ALL EQUIPMENT. ALL WIRING/CONDUIT TO BE CONCEALED AND FIRE-RATED AS REQUIRED BY CODE.
8. GC IS TO CONFIRM UL LISTING/ LABELING OF ALL EQUIPMENT.
9. ALL POWER REQUIREMENTS TO BE COORDINATED WITH LIGHTING OR ELECTRICAL EQUIPMENT MANUFACTURER AND/OR OUTLETS.
10. ALL ELECTRICAL WORK TO BE DONE IN ACCORDANCE WITH ALL CODES HAVING JURISDICTION.

SECURITY SYSTEM

| SYMBOL | QTY | DESCRIPTION |
|--------|-----|------------------------------------------------|
| KPAD | 1 | KEY PAD - WALL MOUNTED |
| DC | 10 | ALARM DOOR CONTACT - MOUNTED TO DOOR AND FRAME |
| CC | 2 | CAMERA - COLOR |
| CM | 9 | CAMERA LOCATIONS MOUNTED TO CEILING |

1. DOA TO SUPPLY AND INSTALL THE CABLE FOR ALL SECURITY EQUIPMENT INCLUDING COMMAND CENTERS, CAMERAS, DOME, PANO, ETC.
2. ALL TERMINATIONS, EQUIPMENT AND DEVICES WILL BE INSTALLED BY VENDOR.
3. SECURITY VENDOR TO RUN ALL WIRE FOR SECURITY CAMERAS AND DEVICES. SECURITY VENDOR TO INSTALL ALL DEVICES.
4. GC IS RESPONSIBLE FOR COORDINATING ALL DEVICE LOCATIONS AND FOR SCHEDULING INSTALLATION.

ARCHITECT
SUGARHOUSE
345 WEST 31ST STREET
NEW YORK, NY 10036
917.291.2668

ENGINEER
VINCENT J. LIOTTA, PE
33-71 18TH STREET
QUEENS, NY 11368
THE LIOTTA GROUP
VAPL@GMAIL.COM

EXPERIOR
RIP CO INC.
325 BROADWAY SUITE 304
NEW YORK, NY 10007-3657
PHONE: 212.334.7400
STYLING: GAIL
CONTACT@RIPNY.COM

cult gaia
482 BROOME STREET
NEW YORK, NY, 10013



DOB NOW JOB #:
GC M00712571_1
MS M00712574_1
PL M00712574_51

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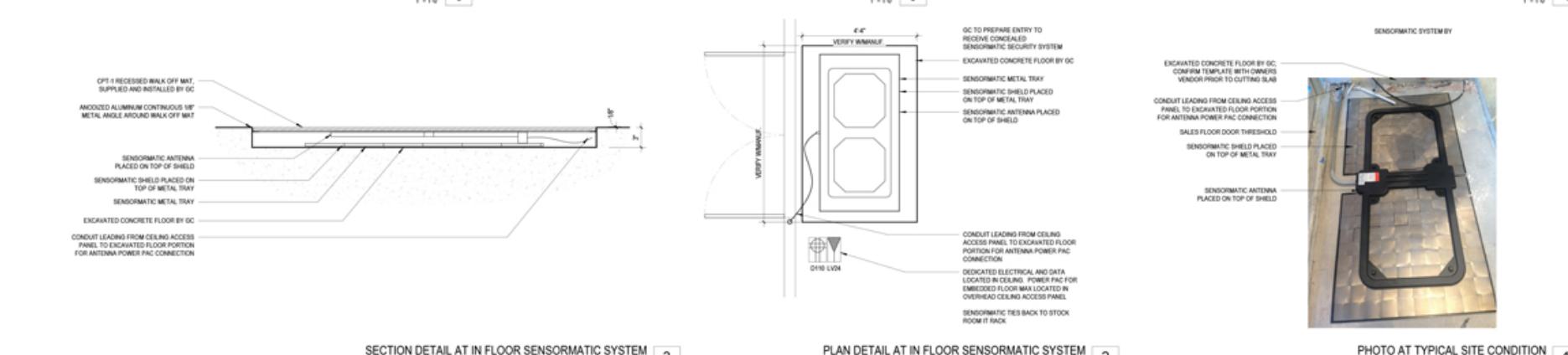
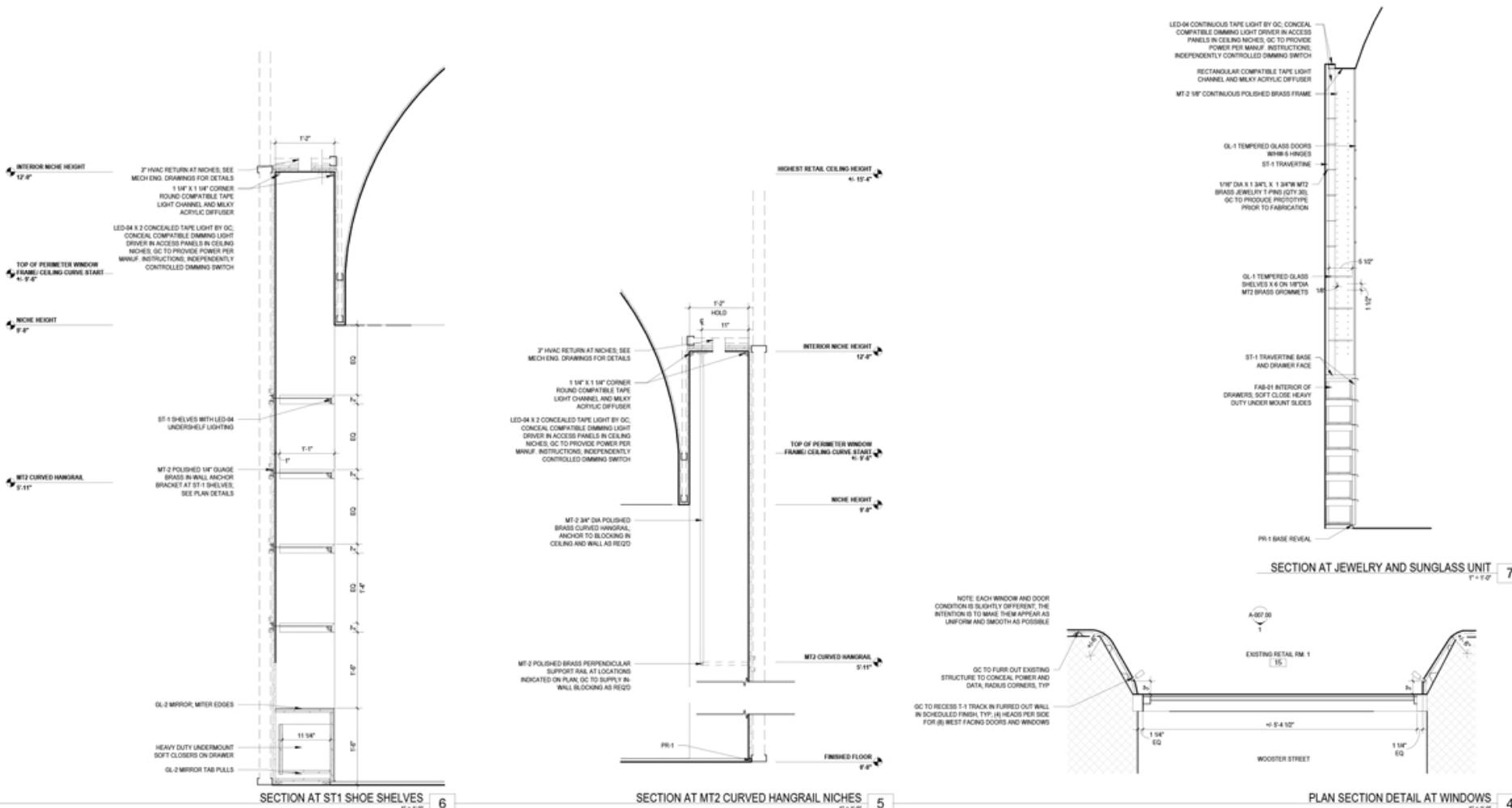
PROJECT NO.
DATE: 10/19/2021
DRAWN BY: JUN
CHECKED BY: JUN
AREA: 3007 GROUND + 454 CELAR SF
DESCRIPTION DATE
1 ISSUE FOR LANDLORD REVIEW 08/19/2022
2 ISSUE FOR GC PRICING 08/19/2022
3 ISSUE FOR NYC DOB 08/24/2022

SHEET TITLE
CONSTRUCTION DETAILS

DRAWING NO
A-006.00
1 SHEET NUMBER

PHOTO AT TYPICAL SITE CONDITION
1 SHEET NUMBER

10/19/2022 4:38:55 PM





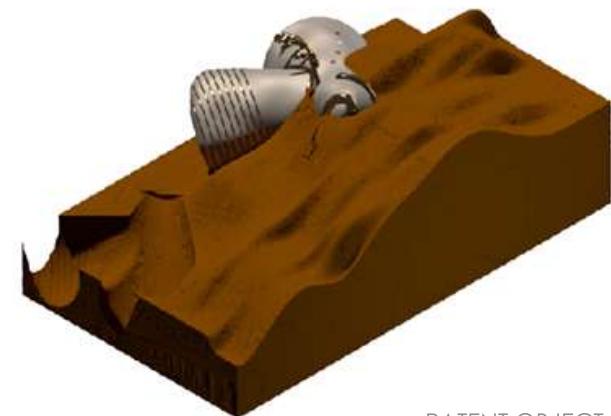
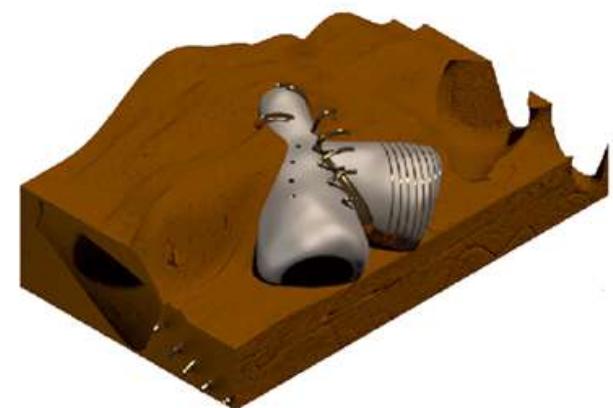
| MASHUP |
| ART+ARCHITECTURE |

FABRICATION: 3D PRINTING | LASER-CUTTING | SILICON MOLDING AND CASTING | ROBOTICS EXTRUSION | CNC MILLING

PATENT PENDING

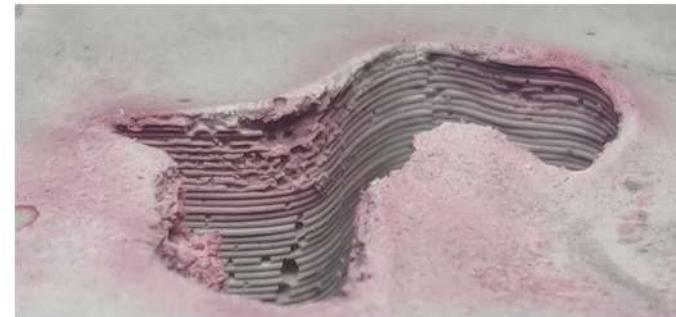
Products, Mechanisms and Objects

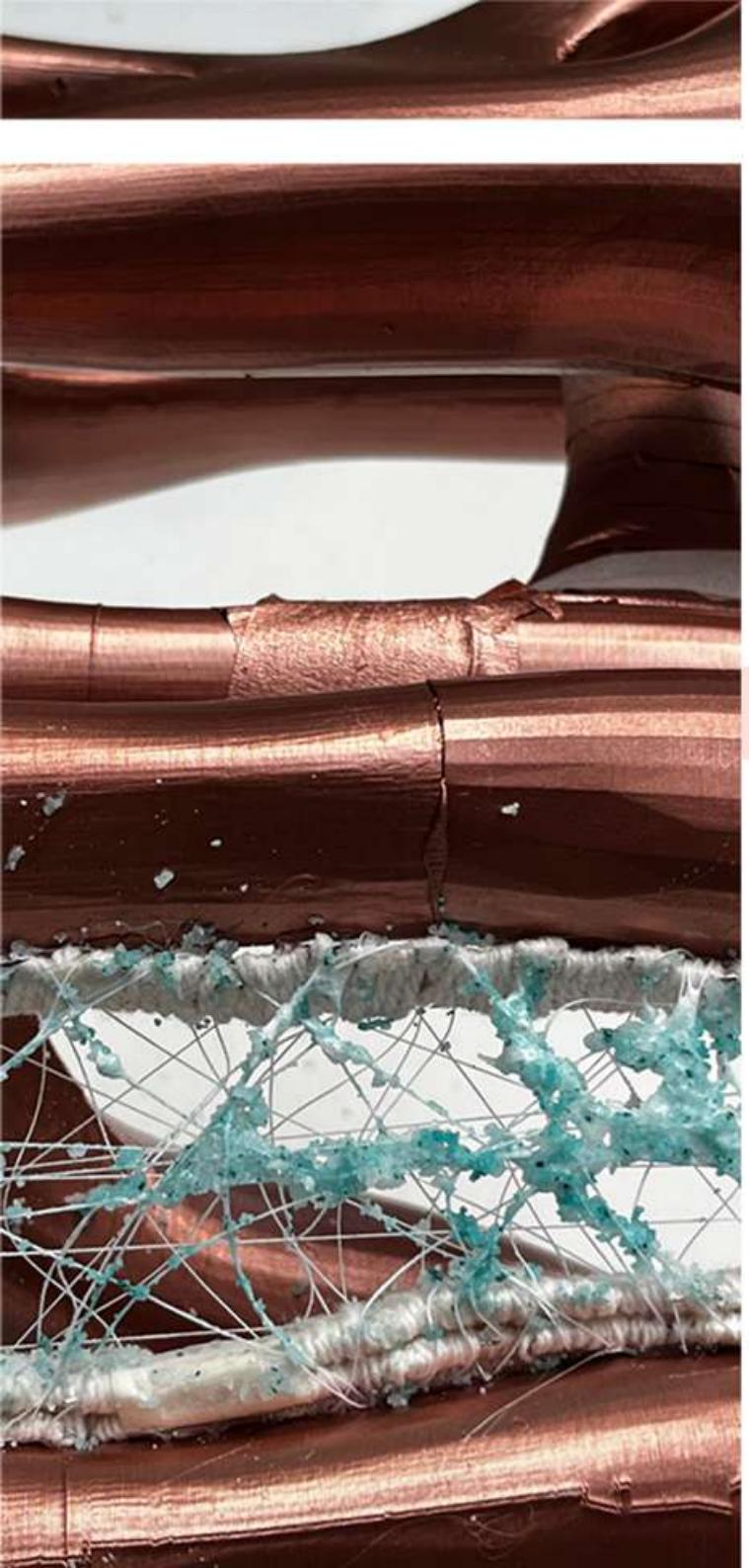
Oscillate between references of the ordinary and implausible structures, creating new designs made out of assemblages and also revealing their fictional nature



MATERIAL EXPLORATIONS

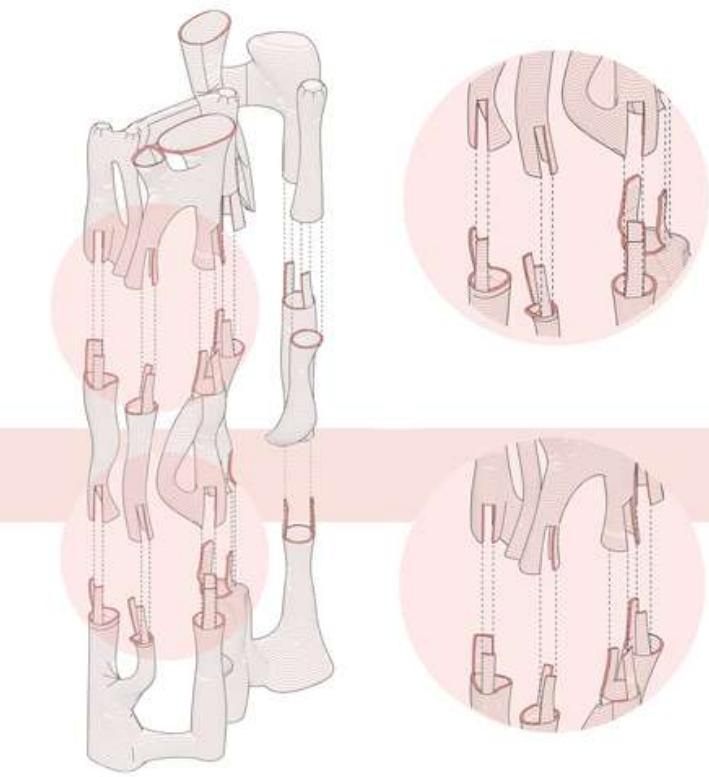
Understanding the language of haloclastic surfaces and their layers, to design a landscape that can filter, control, direct the flooding water.





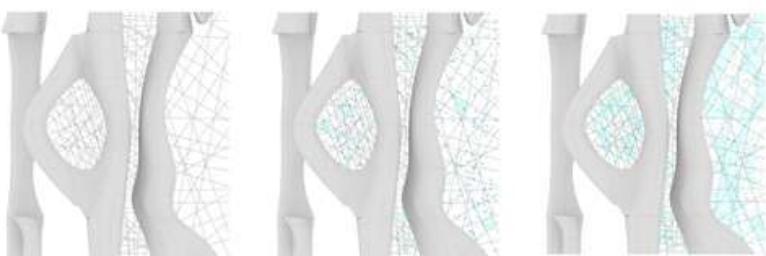
LIVING WALL

The project reimagines how abundant resources can be used to make architectural elements which in turn creates living architecture. The living wall is formed from the crystallization of salt water with the help of sunlight and air.



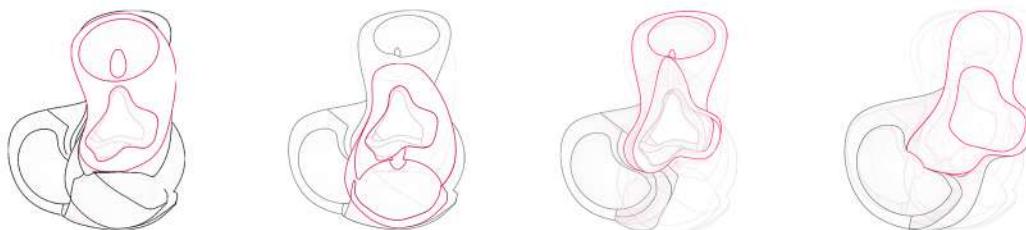
Salt formation:

The pipes are lined with water absorbent strings that help retain the brackish water that runs through the aging infrastructure. These strings are exposed to direct sunlight and air which helps in evaporating the brackish water, leaving behind layers of salt crystallizations. Over the course of time, the strings are layered with thick crystallized salt, which changes the indoor air quality.



DESALINIZATION MODULE

Water has been a crucial element that determines the development of civilizations, lifestyles, and sustenance on earth. Creating a narrative around the transformation of brackish water to freshwater as an architectural space is an effective way of communicating, educating, bringing together people, and forming a community that stands for a particular mission.



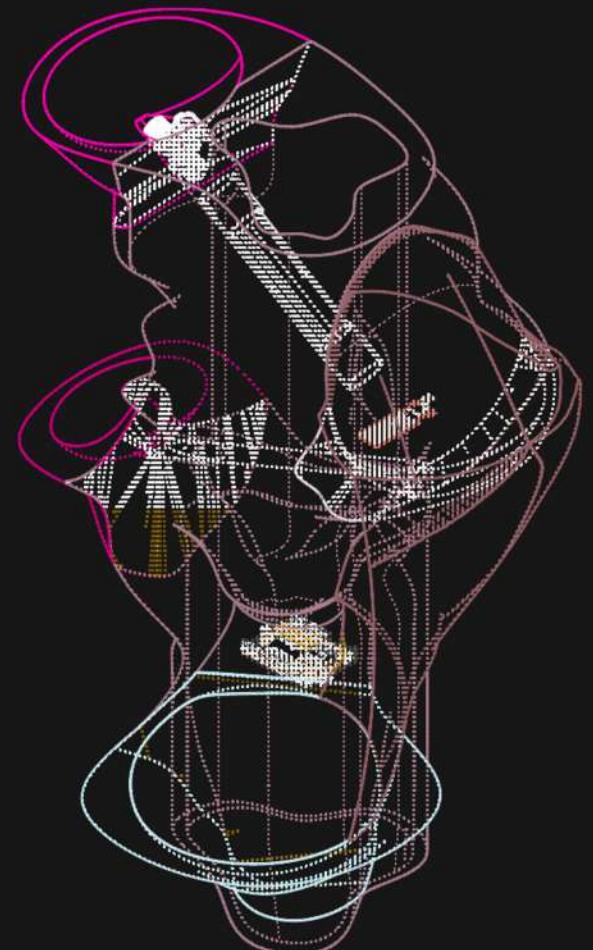
One structure alone does not solve the climate crisis. Creating a small-scale design that tackles daily problems helps establish an understanding that small changes can result in big differences. This makes a huge difference in the collective opinions of the climate crisis.

Low tech passive desalination techniques:

- 1.Evaporation
- 2.Living machine filtration

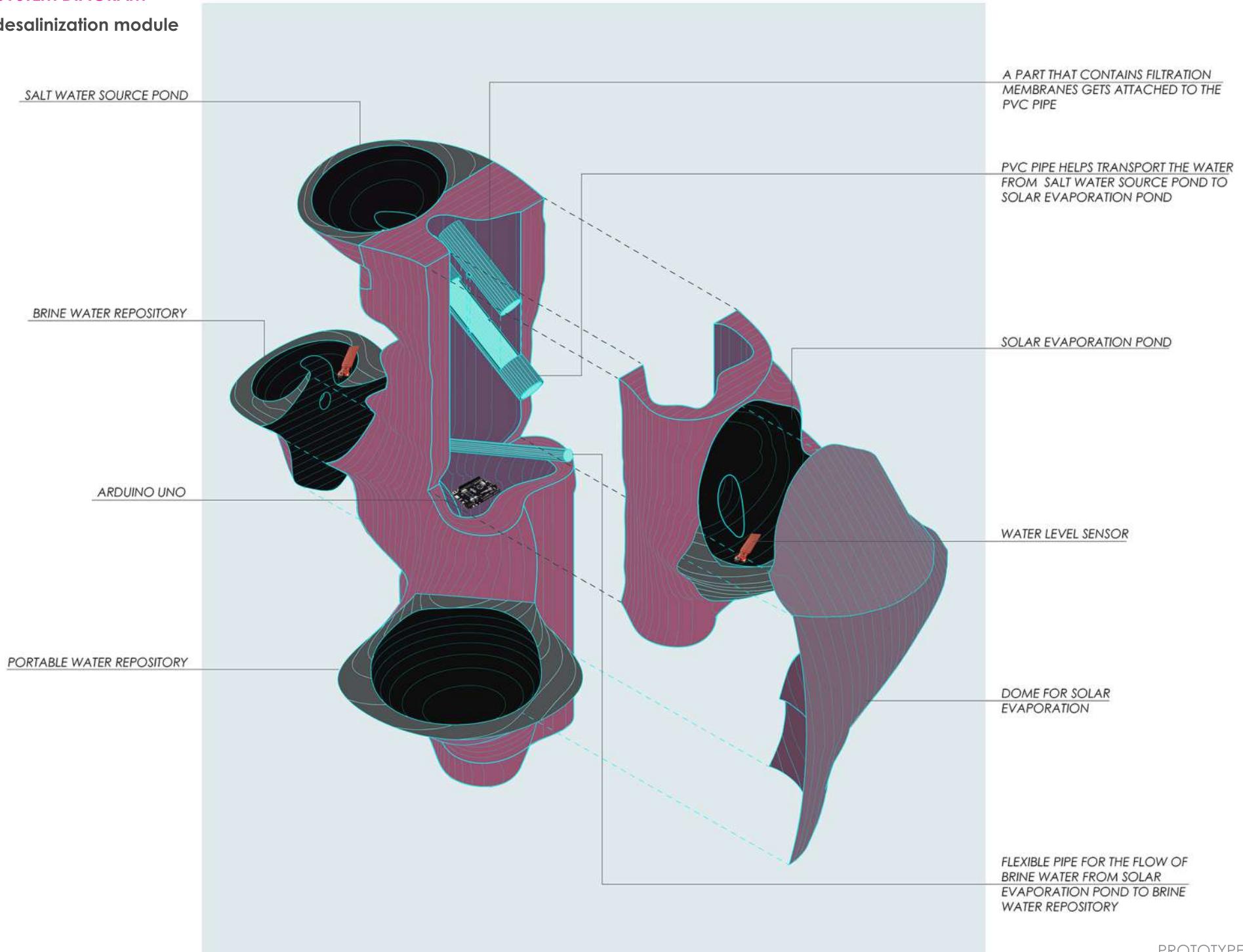
High tech water control, delay, and directing techniques:

- 1.Water level sensor
- 2.Salinity sensor

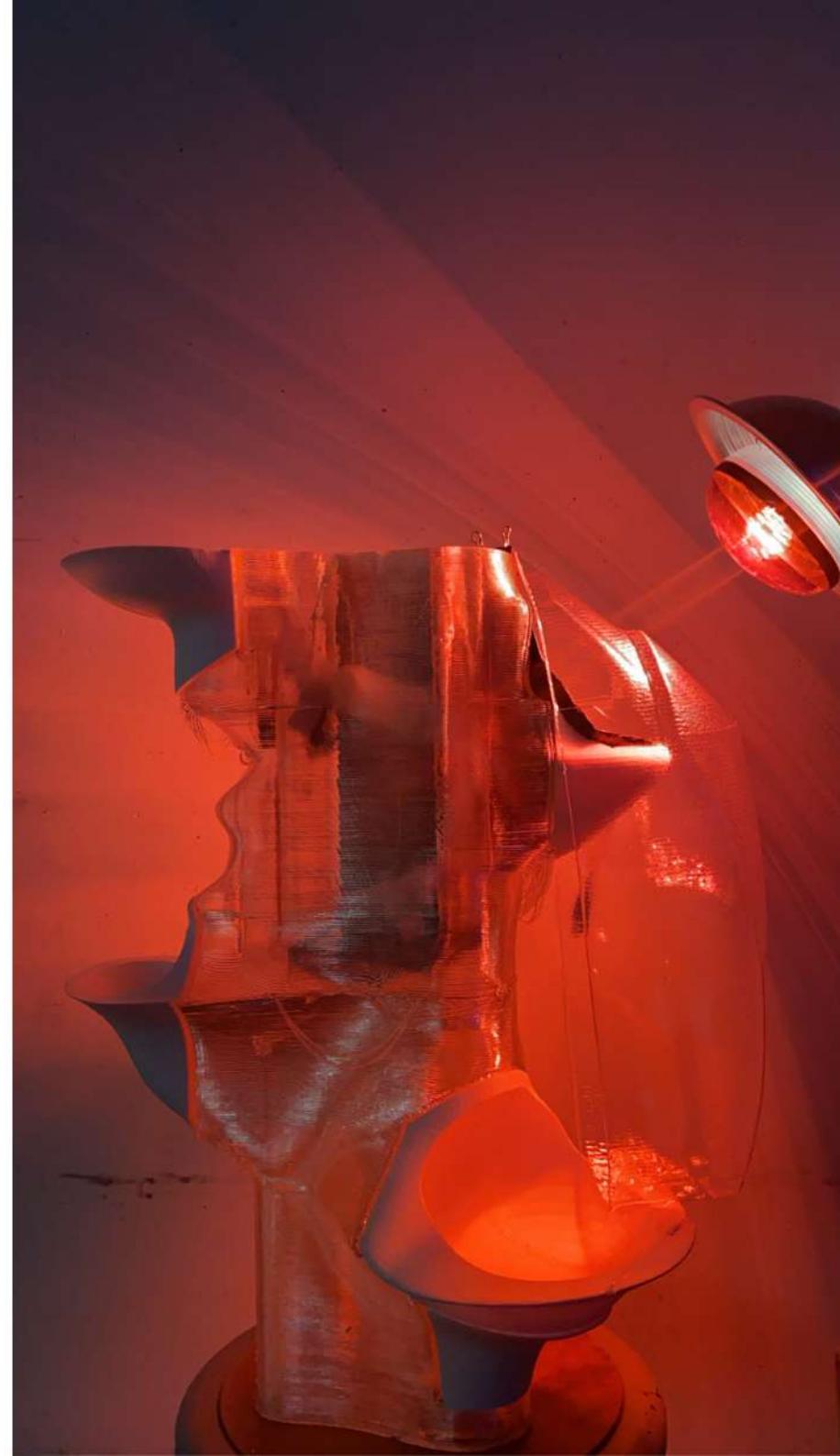


PROTOTYPE, SYSTEM DIAGRAM

Small scale desalination module



PROTOTYPE INSTALLATION



| ksakthi@pratt.edu |
+1 9295459373