

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

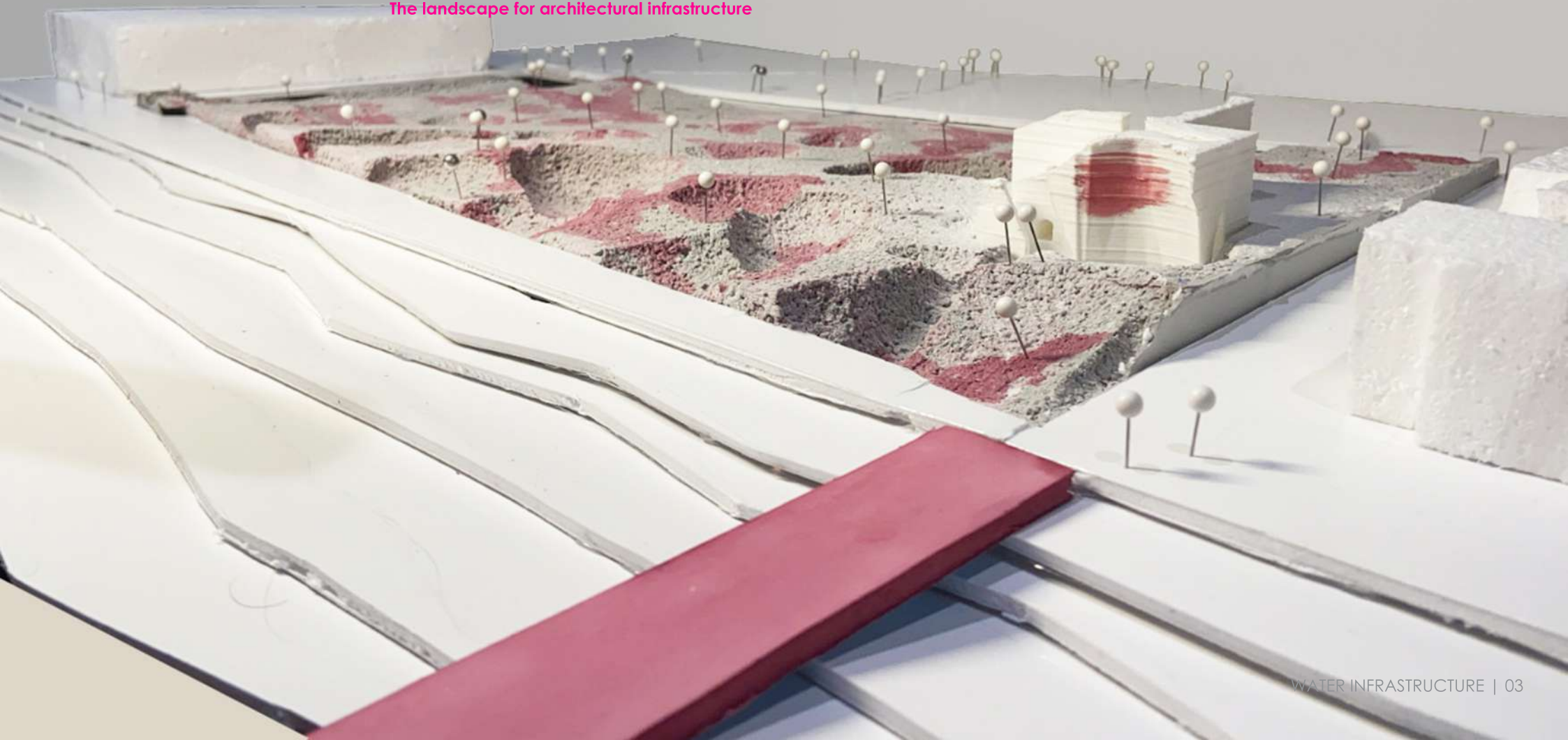
Research Thesis | Water infrastructure | 2021

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

PROPOSED WATER SUPPLY :

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

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

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

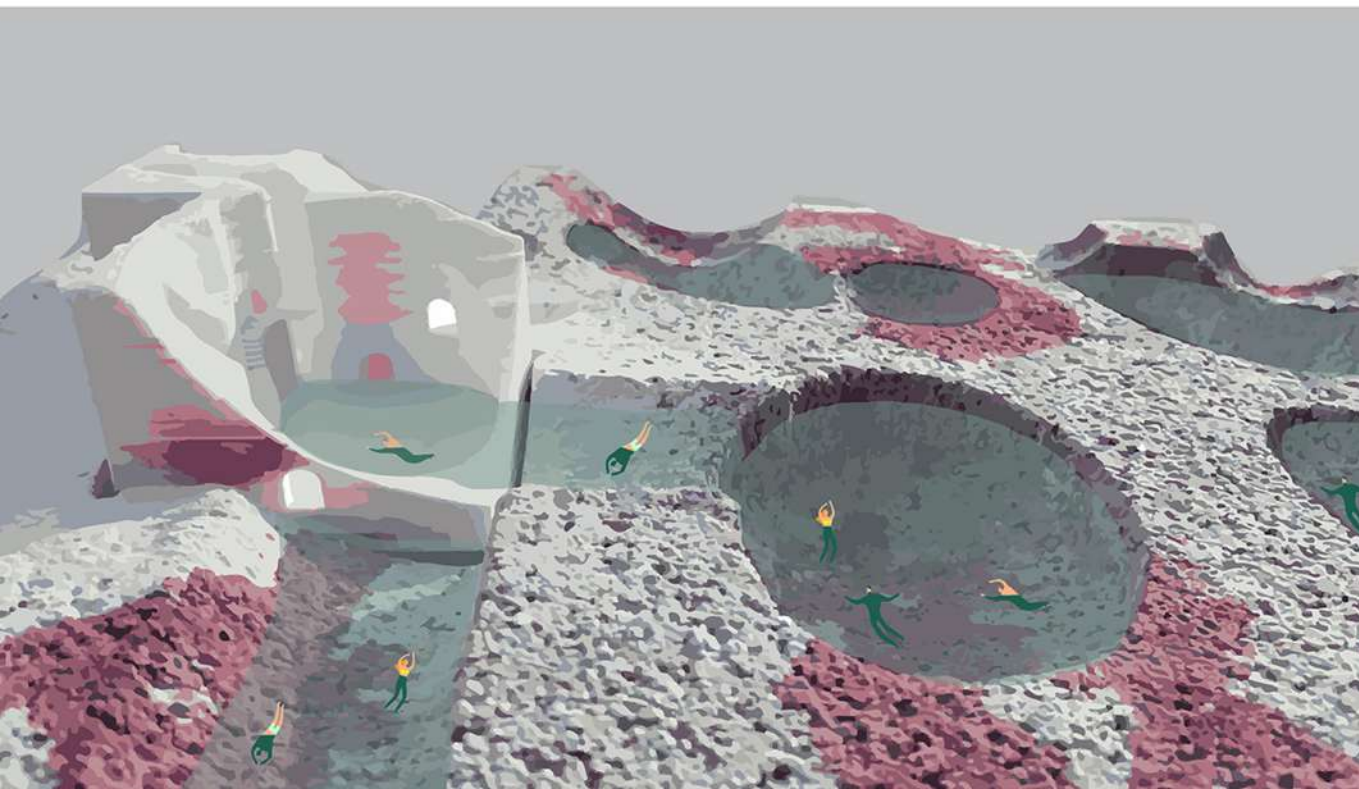
The zoning and circulation of human and nonhuman.



1. GATHERING AREA
2. BATH HOUSE
3. HALOPHILIC PLANTS
4. MUD POOLS
5. WETLAND CHANNELS
6. POOL LINED WITH MATERIALS FOR FILTRATION
7. CONCENTRATED DOME POOLS
8. HALOPHILIC PLANTS
9. CONCENTRATED BRINE WATER POOL LINED WITH MATERIALS FOR FILTRATION
10. POOL LINED WITH MATERIALS FOR FILTRATION
11. CONCENTRATED SALT FLOATING POOLS
12. SALT MARSH
13. URBAN FARM
14. PATHWAYS
15. BIKE STATION



Speculative visualization of the bathhouse



Robotics arm extrusion

BATH HOUSE

Thermal desalinization | Biometric living machine

Academics | Recreational | 2022

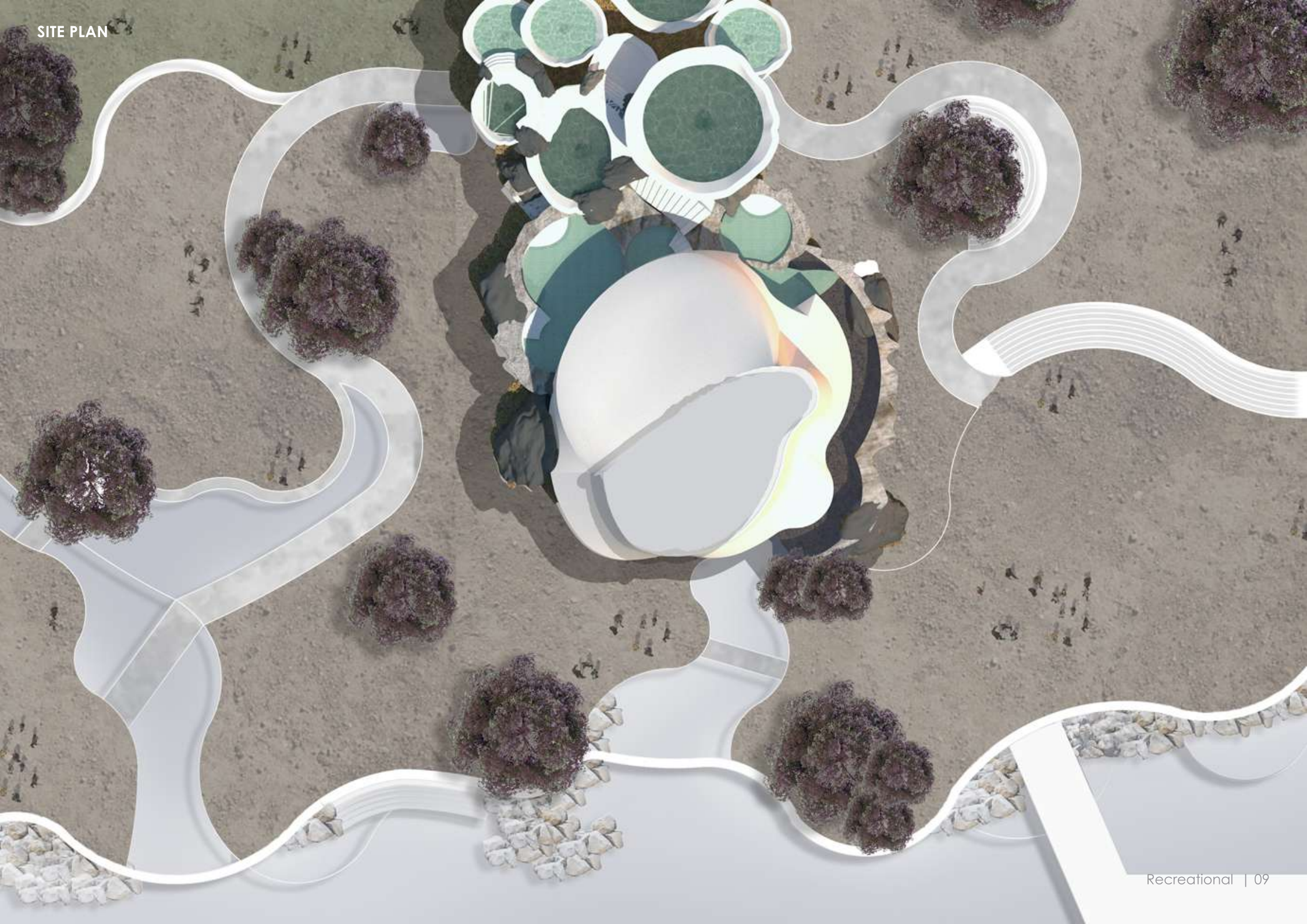
Software : Rhino+Grasshopper | Photoshop | InDesign | V-Ray

Collaboration: Keerthanasree 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.







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 desalinization 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

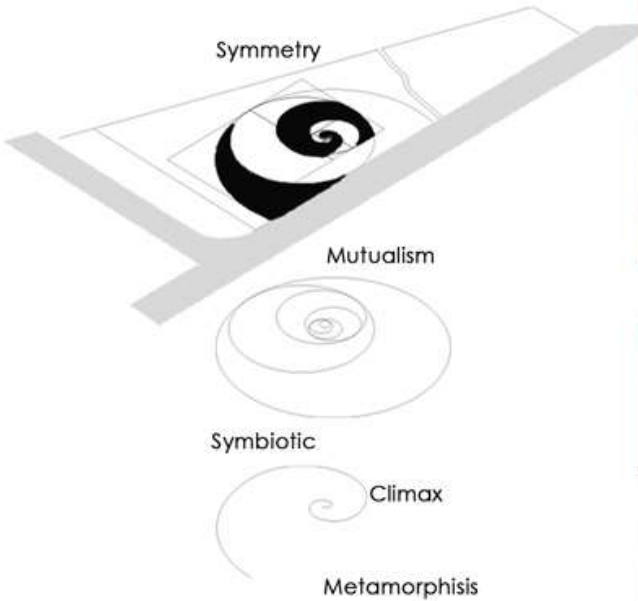
The SPIRAL brings hope to the locality by transcending itself as a breathable space, from the world that's obsessed with speed, consumerism, technology. It provides a respite environment intentionally designed to 'reach beyond' and help frame our existential condition with the larger matter of life and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



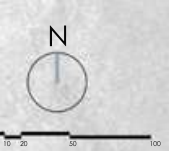
CONGREGATION



PROCESSION TO MATERIALISTIC WORLD

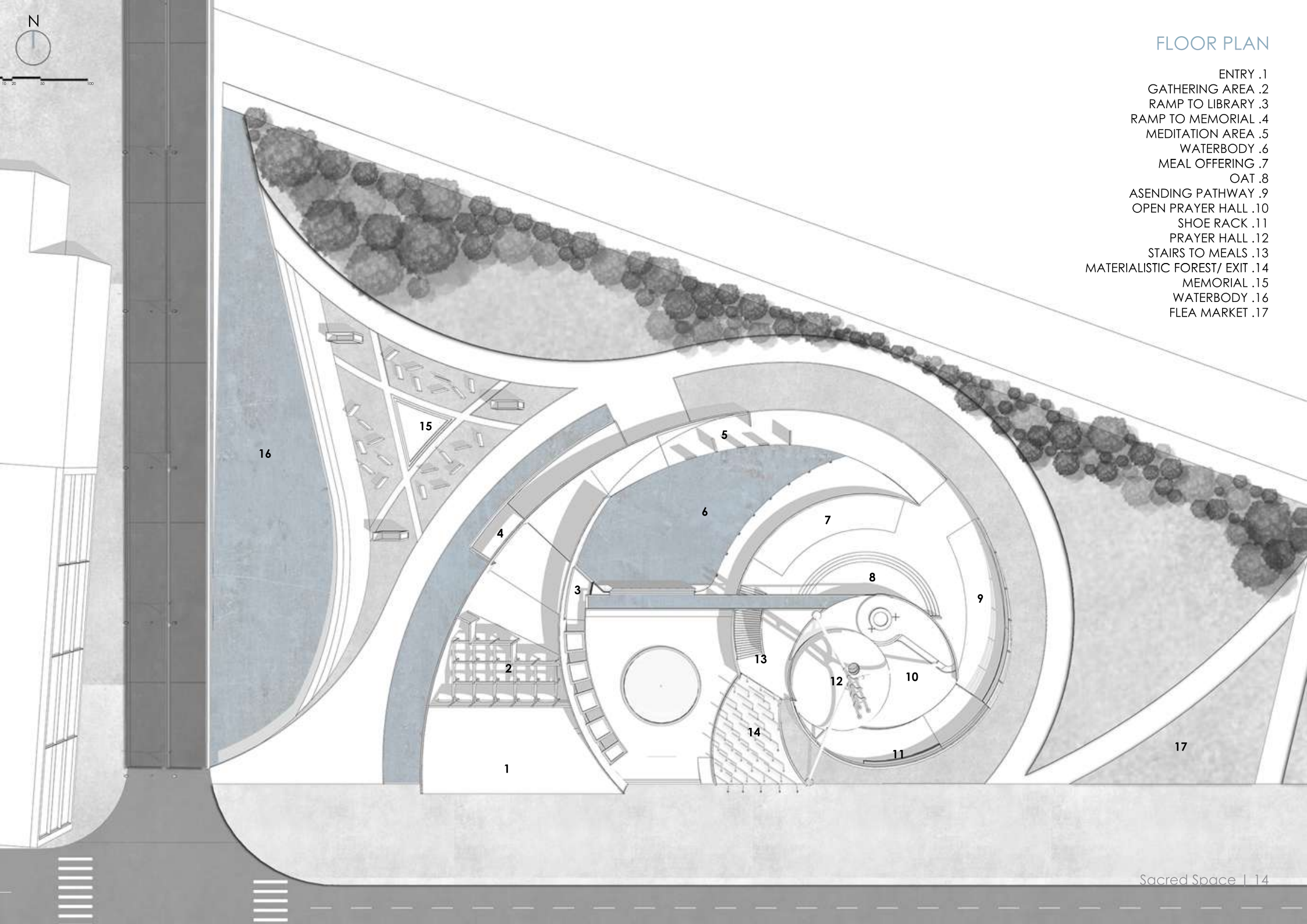


PRAYER HALL



FLOOR PLAN

- ENTRY .1
- GATHERING AREA .2
- RAMP TO LIBRARY .3
- RAMP TO MEMORIAL .4
- MEDITATION AREA .5
- WATERBODY .6
- MEAL OFFERING .7
- OAT .8
- ASENDING PATHWAY .9
- OPEN PRAYER HALL .10
- SHOE RACK .11
- PRAYER HALL .12
- STAIRS TO MEALS .13
- MATERIALISTIC FOREST/ EXIT .14
- MEMORIAL .15
- WATERBODY .16
- FLEA MARKET .17



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.



LIBRARY ROOF



MEDITATION AREA

SPACES, CAF

Academics | Research and development | 2020

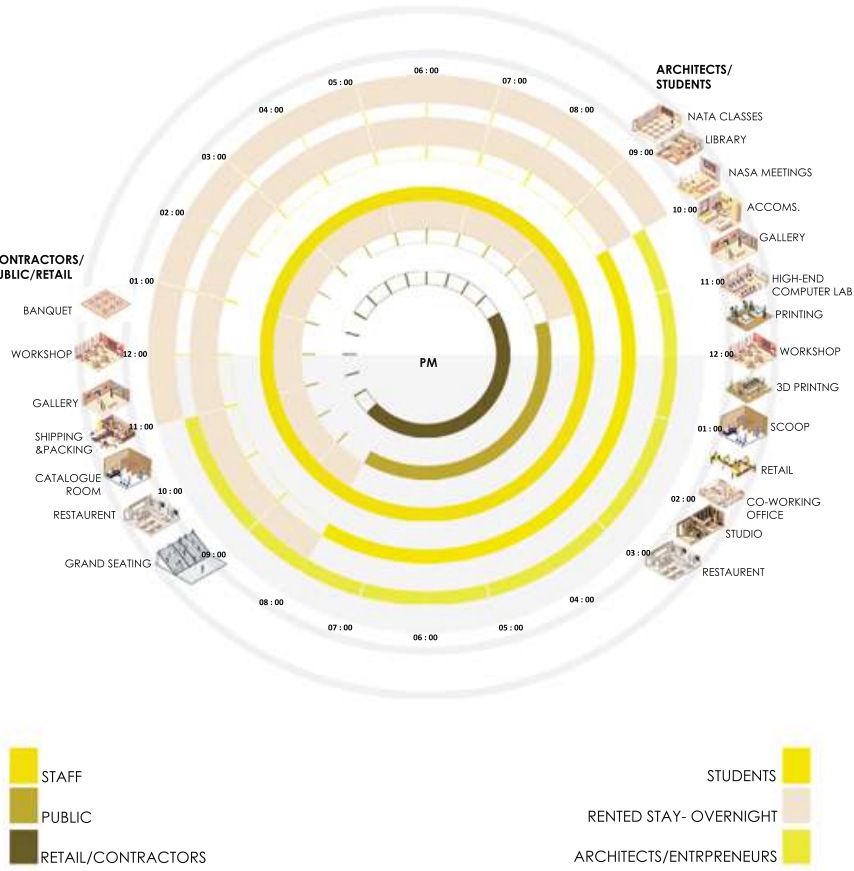
Software : Revit | Autocad | Illustrator | Photoshop | InDesign

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

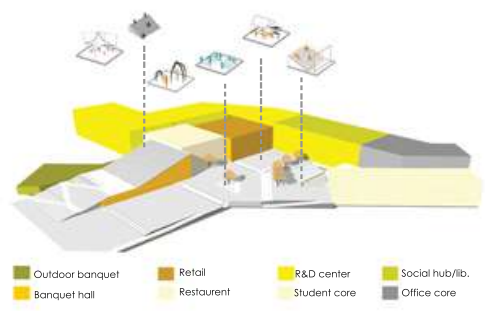


SPACIAL ARRANGMENT

USER ANALYSIS



Interpretation through architecture for architecture



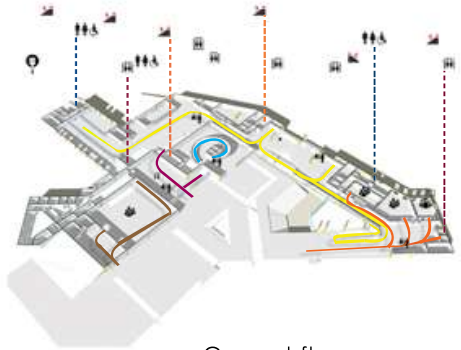
STATEMENT :
To give people a wider understanding of architecture.
And how it influences everyday life.

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

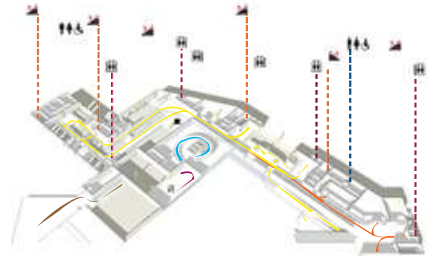


A wider range of understanding of all activities through TRANSPARENCY

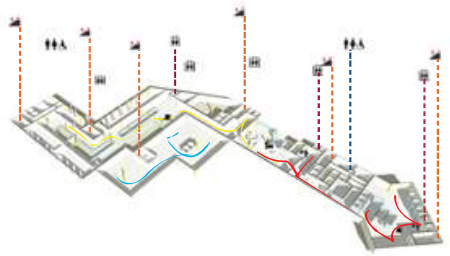
USER CIRCULATION



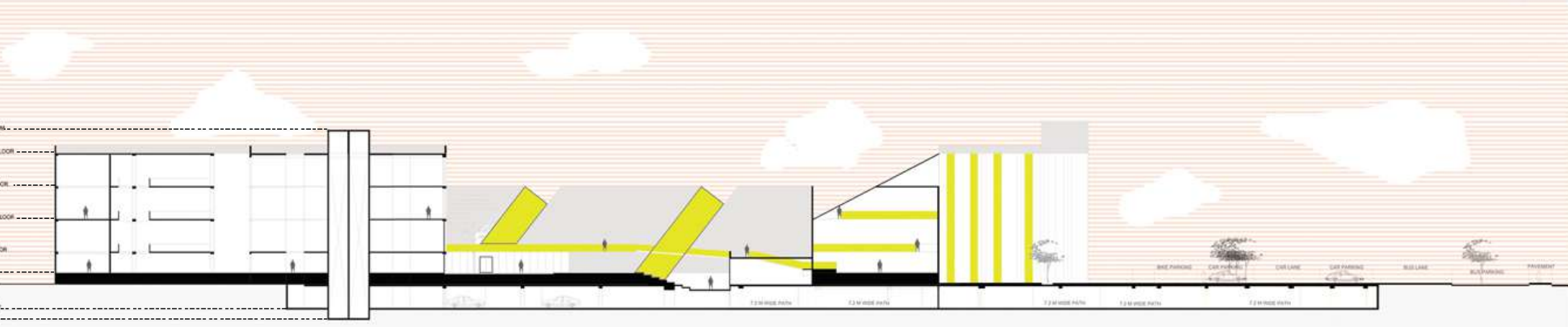
Ground floor



First floor



SECTION



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.

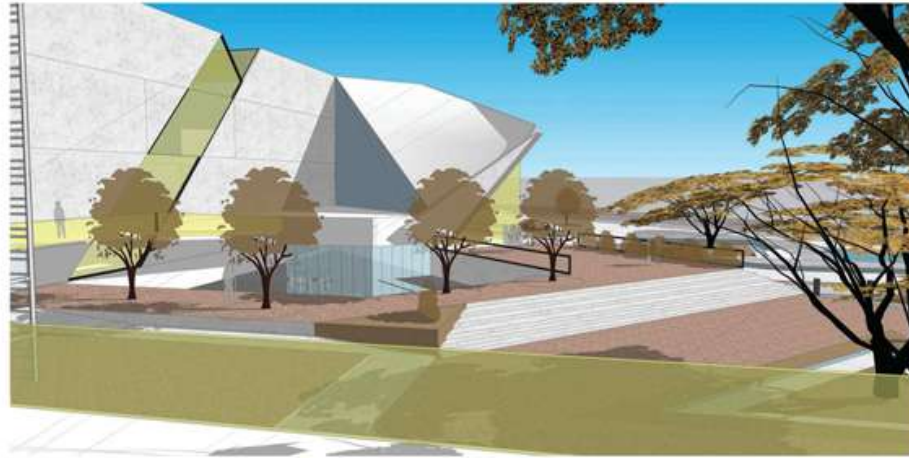
An induvidual who is standing there would be intimidated by the scale,geomentry and volume.

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



VIEWS

VIEW FROM OUTDOOR RESTAURANT



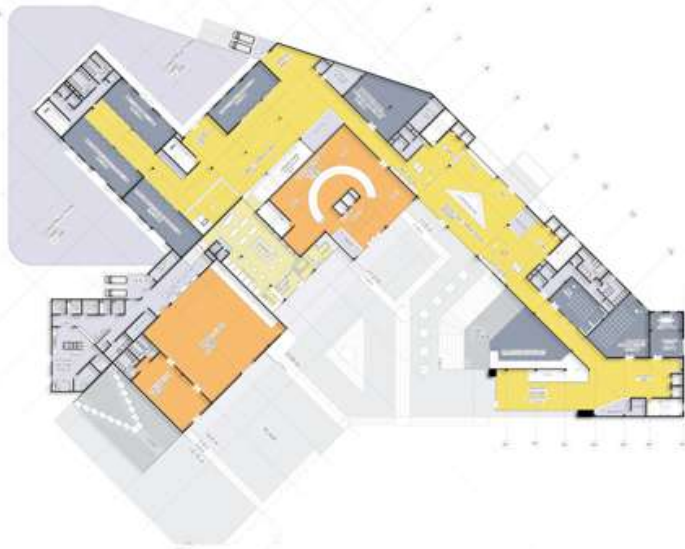
BANQUET HALL



DROP-OFF ZONE



FLOOR PLANS



GROUND FLOOR

GROUND FLOOR:

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



FIRST FLOOR

FIRST FLOOR:

- 1.Open Banquet
- 2.Restaurant
- 3.Catalogue Room
- 4.Library
- 5.High end comp.Lab
- 6.3-D Printing
- 7.Scoop
- 8.Sismic 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 project's 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.



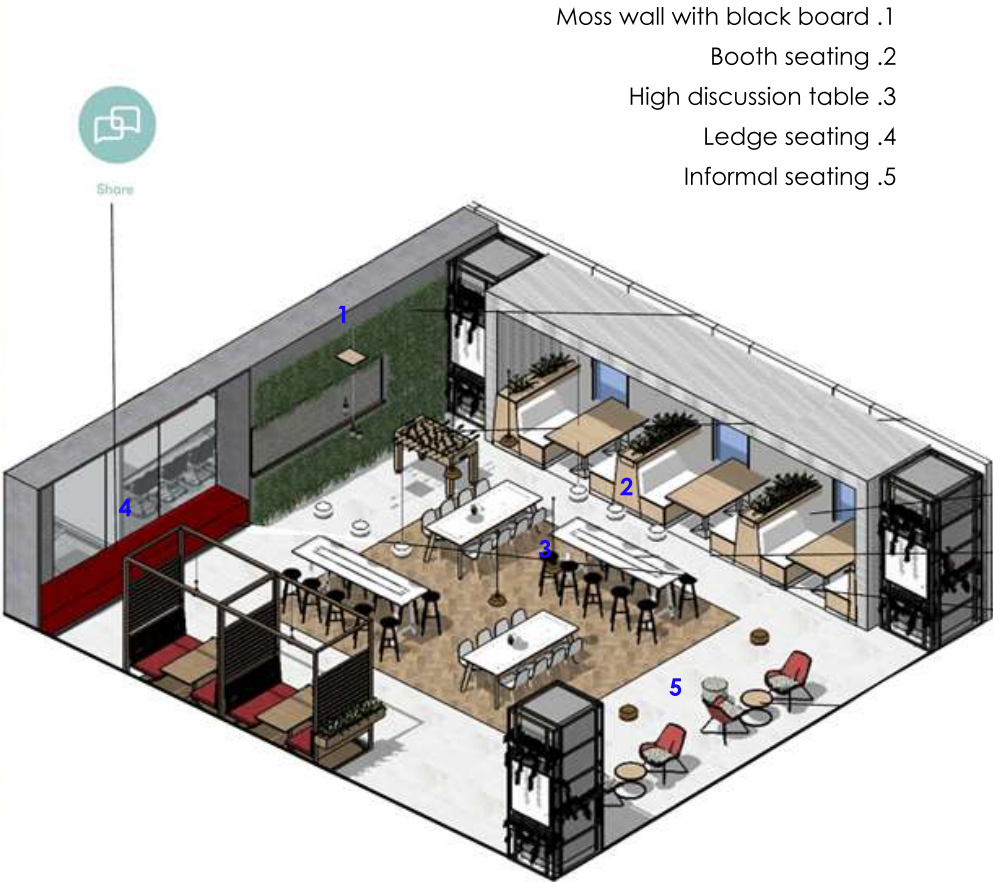


PANTRY

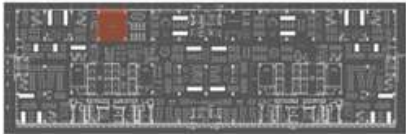


SOCIAL HUB

ISOMETRIC VIEW



- Moss wall with black board .1
- Booth seating .2
- High discussion table .3
- Ledge seating .4
- Informal seating .5

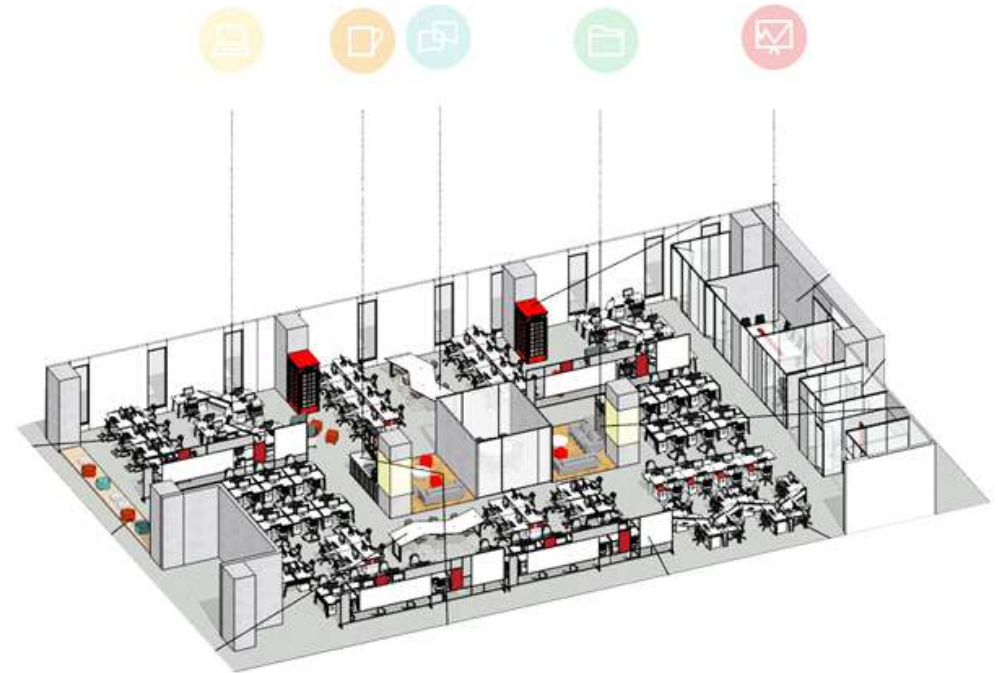
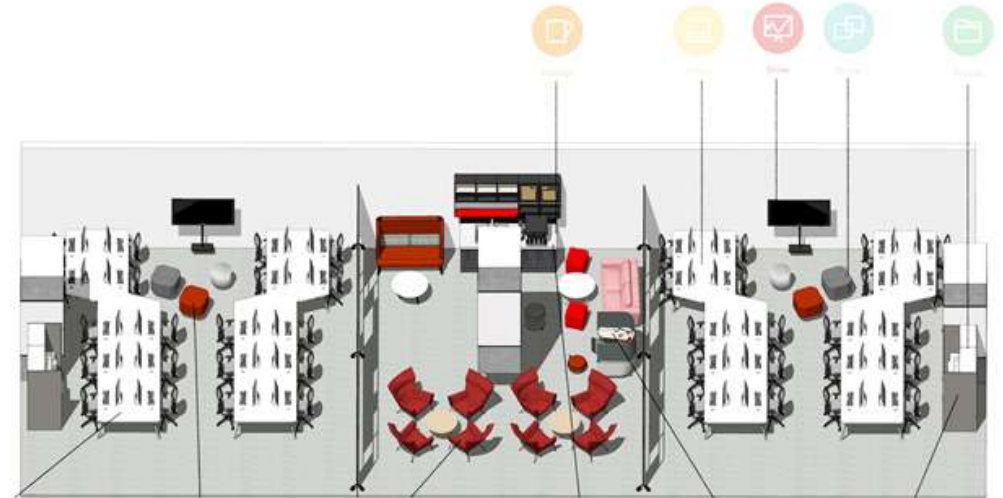


KEY PLAN

OPEN AGILE STUDIO



ISOMETRIC VIEW



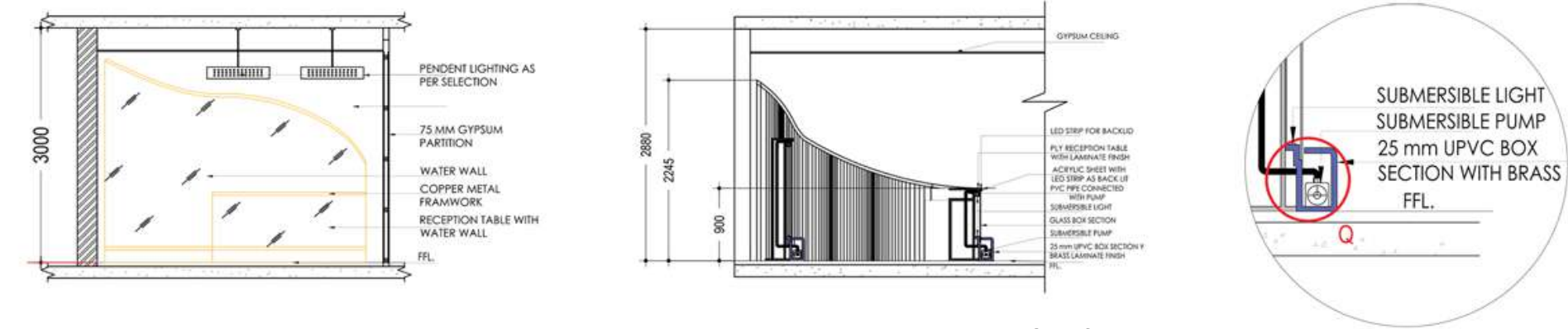
POSHNOSH

Professional | Bistro Lounge | 2018

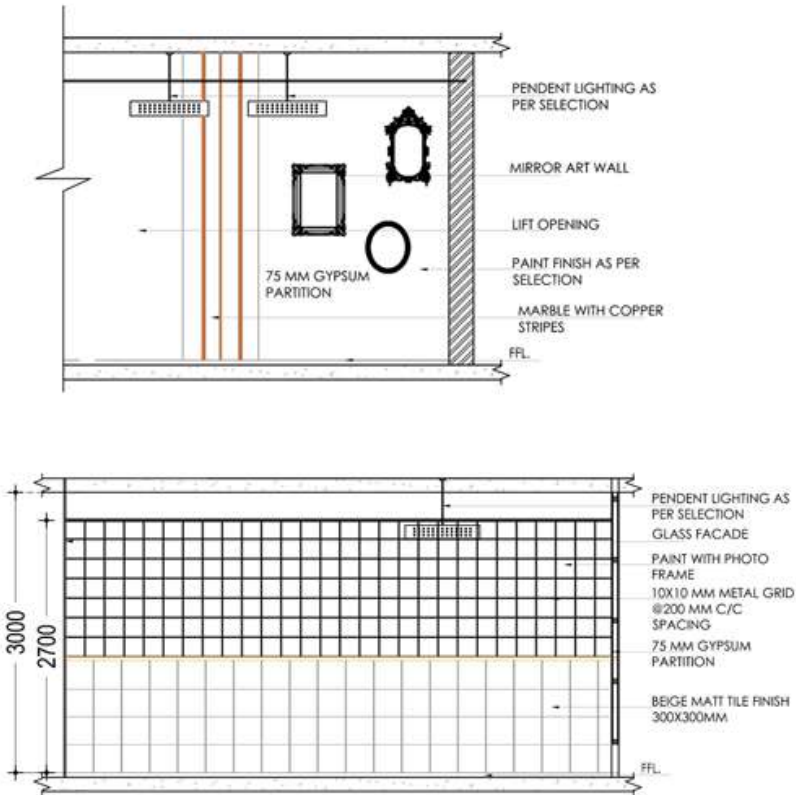
Software : Revit | Autocad | Illustrator | Photoshop | InDesign | 3DsMax

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





RECEPTION WATER WALL DETAIL

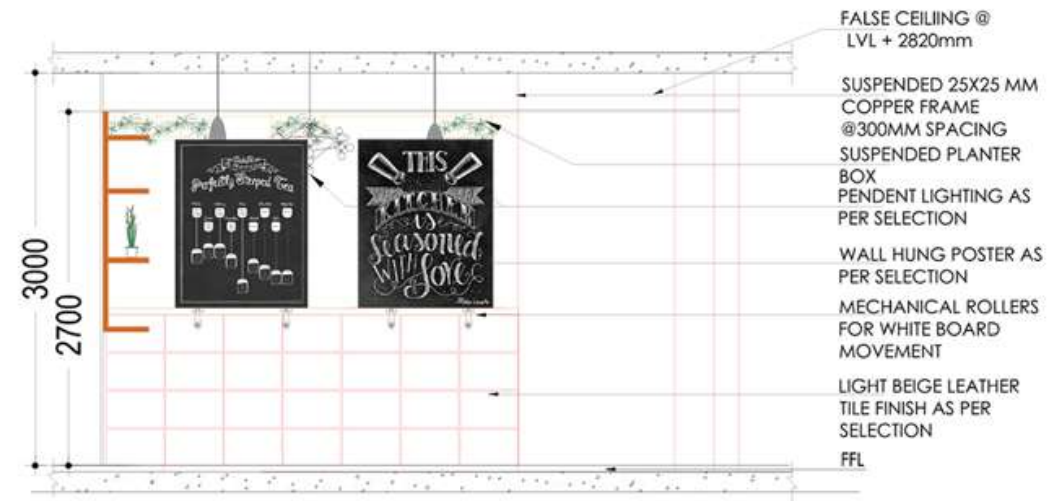


RECEPTION ELEVATION



RECEPTION WATER WALL

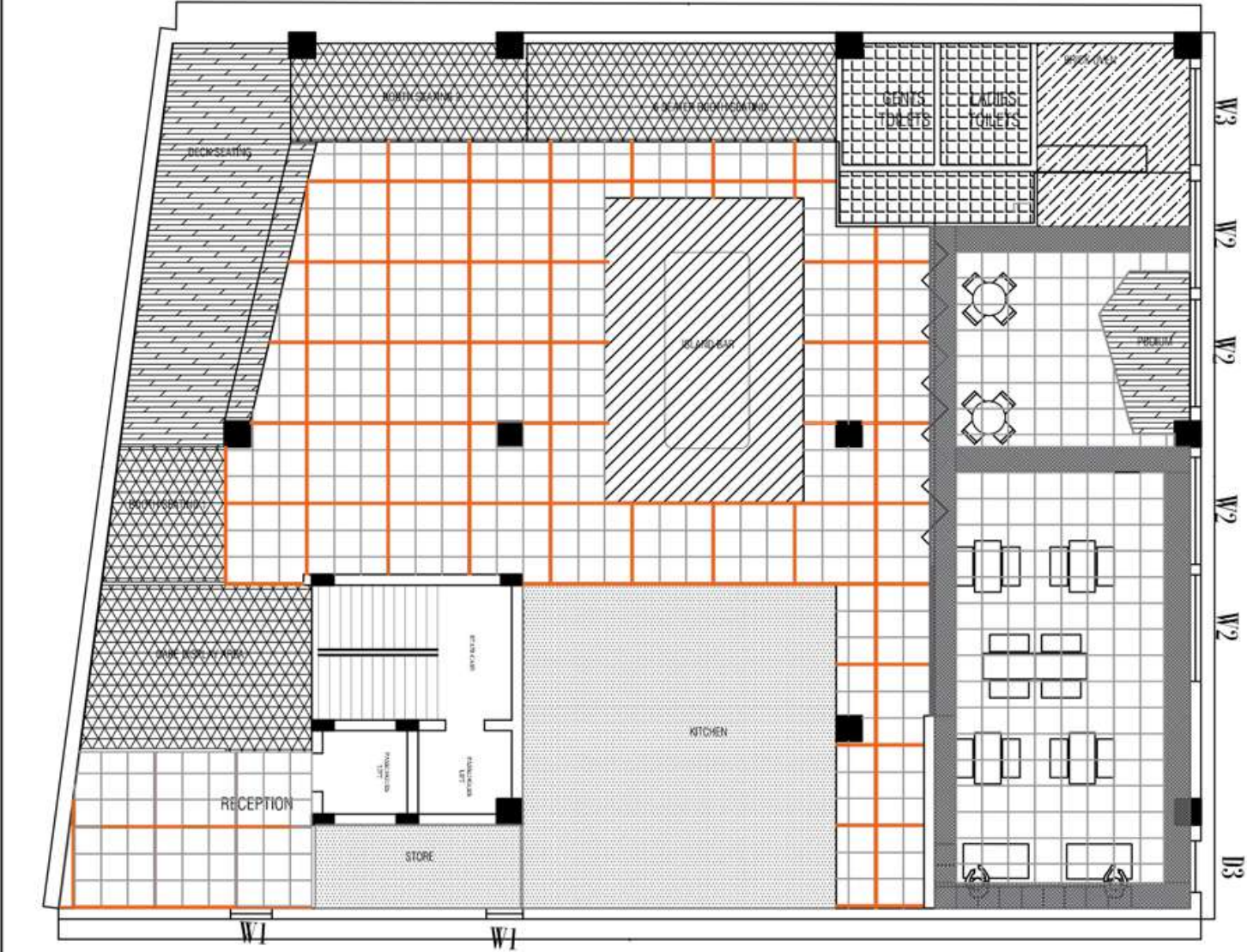
CAKE SHOP



CAKE SHOP ELEVATION



FLOORING LAYOUT



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

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2. VERIFY ALL DIMENSIONS ON SITE. IMMEDIATELY REPORT TO W DESIGN PVT. LTD. ANY DRAWING DISCREPANCIES OR DISCREPANCIES BETWEEN DRAWINGS BEFORE IMPLEMENTING AND CONSTRUCTION OR FABRICATION WORK. PREPARATION OF SHOP DRAWINGS OR PURCHASE OF SPECIFIC PROJECT ITEMS.
3. READ THIS DRAWING IN CONJUNCTION WITH ALL RELEVANT W DESIGN PVT. LTD. AND EXTERNAL CONSULTANTS' DRAWINGS AND SPECIFICATIONS.
4. NOTE THAT SHARED MANUFACTURERS OR SUPPLIERS HAVE BEEN SPECIFIED ON THE DRAWING OR SCHEDULE OF WORKS. INSTALLATION MUST BE IN ACCORDANCE WITH THEIR INSTRUCTIONS AND RECOMMENDATIONS.
5. NOT VARY FROM ANY WORKS SHOWN ON THIS DRAWING WITHOUT OBTAINING PRIOR APPROVAL FROM W DESIGN PVT. LTD.
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NAME	DATE	NAME	DATE
KIRUTHIKA	12.01.19	VINEET VALATI	
DATE	12.01.19	DATE	
BY	ARYASHA	BY	

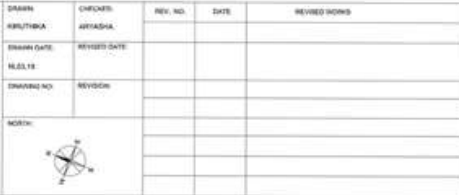
PROJECT		CLIENT	
VINEET VALATI RESTAURANT		VINEET VALATI	
FOR APPROVAL		VINEET VALATI RESTAURANT	
DRAWING NO.		DRAWING TITLE	
VV.0.1.2		FLOORING LAYOUT	
SCALE		SCALE	
1:100		1:100	

1. SURFACE OF SUBSTRATE SHALL BE FULLY METAL AND A FULL COMPOUNDING SHALL BE USED TO COVER THE SURFACE.
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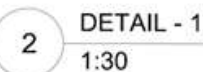


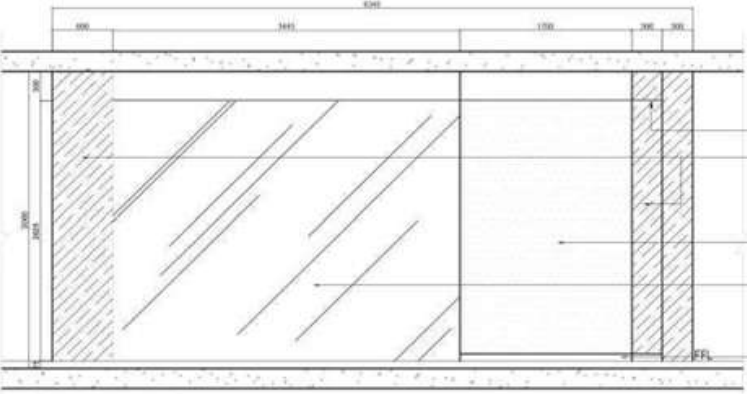
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LEGEND - CEILING			
			ACOUSTIC RAFTERS OF SIZE 25X50 MM
			GYPSUM CEILING @ 2750 MM FROM FFL
			GYPSUM CEILING @3000 MM FROM FFL





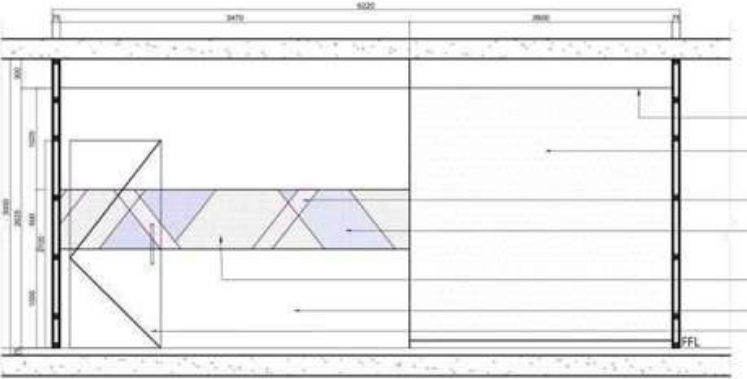
1 ELEVATION: A
1:50

GYPSUM CEILING @ 2700MM HT
COLUMN FINISH
AS PER DESIGN
PAINT AS PER
SELECTION
EXISTING WINDOW
ON SITE
75 MM SKIRTING



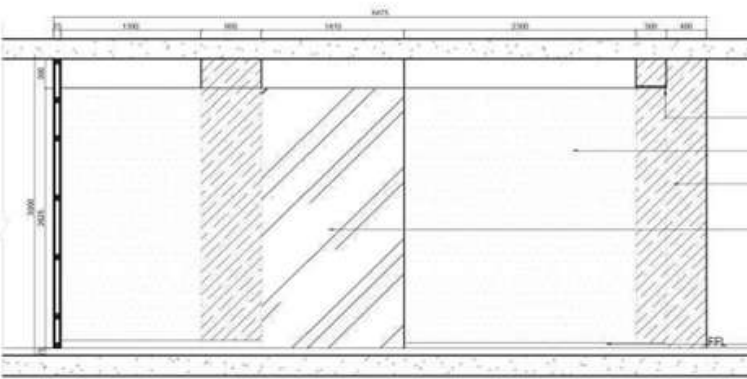
2 ELEVATION: B
1:50

GYPSUM CEILING @ 2700MM HT
WOODEN FINISH AS
PER SELECTION
8MM THK. LAQUERED GLASS
WITH REQ. 12MM THK. PLY
BACKING
COLUMN FINISH
AS PER SELECTION
CONCRETE FINISH
AS PER SELECTION
75 MM ALUMINIUM
SKIRTING



3 ELEVATION: C
1:50

GYPSUM CEILING @ 2700MM HT
PAINT AS PER
SELECTION
PINK COLOR GLASS
FROSTING AS PER
SELECTION
VIOLET COLOR GLASS
FROSTING AS PER
SELECTION
GREY COLOR GLASS
FROSTING AS PER
SELECTION
10MM THK TOUGHENED GLASS
900 X 2100MM GLASS DOOR
AS PER SPECIFICATION

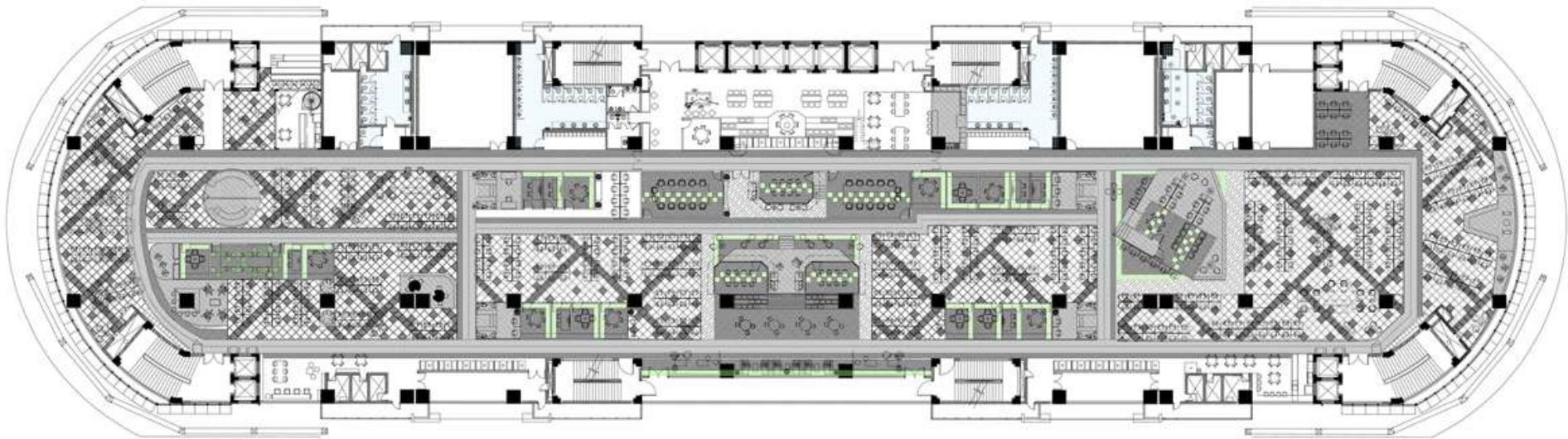


4 ELEVATION: D
1:50

GYPSUM CEILING @ 2700MM HT
PAINT AS PER
SELECTION
COLUMN FINISH
AS PER DESIGN
EXISTING WINDOW
ON SITE
50 MM ALUMINIUM
SKIRTING

NOTES: 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED. 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IS CODES. 3. ALL MATERIALS AND FINISHES SHALL BE AS PER SPECIFICATION. 4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. 5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IS CODES. 6. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. 7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IS CODES. 8. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. 9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IS CODES. 10. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.		REVISIONS			CLIENT: KEVA_HYDERABAD PROJECT: TENDER DRAWING SCALE: 1:50 DATE: 17.01.2024	ARCHITECT: W DESIGNSTUDIO W DESIGNSTUDIO Pvt. Ltd. Plot No. 1254/A, Road No. 63, Jubilee Hills, Hyderabad - 500 034 T: +91 40 23555834 F: +91 40 23508182 M: +91 7798813113 www.wdesignstudio.in	 DESIGNSTUDIO ARCHITECTURE INTERIOR DESIGN	CLIENT: HCE PROJECT: HCE SCALE: 1:50 DATE: 17.01.2024	ELECTRICAL & FIRE CONSULTANT: HCE Hyderabad Consulting Engineers PVT. LTD. A-102/2, 1st Floor, Vignesh Plaza, Banjara Hills, Hyderabad - 500 034 T: +91 40 23555834 F: +91 40 23508182 M: +91 7798813113 www.hce.in	 HCE HYDERABAD CONSULTANCY ENGINEERS PVT. LTD.	MECHANICAL CONSULTANT: HCE HCE ESCO CONSULTANCY PVT. LTD. A-102/2, 1st Floor, Vignesh Plaza, Banjara Hills, Hyderabad - 500 034 T: +91 40 23555834 F: +91 40 23508182 M: +91 7798813113 www.hce.in					
NO.	DESCRIPTION	DATE	BY									CHKD.	REV.	NO.	DATE	BY
1	ISSUED FOR TENDER	17.01.2024	ADITYA													
2	REVISION															
3	REVISION															





SYMBOL	CARPET FLOORING	WHERE
	DARK GRAY CARPET FLOORING	ROOM, OFFICE, CORRIDOR & RECEPTION OFFICE
	GREEN CARPET	CORRIDOR, SOCIAL, MEETING ROOM
	GRAY CARPET FLOORING	CORRIDOR, SOCIAL, MEETING ROOM
	LT FLOORING	CORRIDOR, MEETING ROOM, SOCIAL
	LT FLOORING (ACCESSIBLE FINISH)	RECEPTION, SOCIAL, MEETING ROOM, SOCIAL
	TL FLOORING	TOILETS
	BLK FLOORING	CORRIDOR
	RIP FLOORING	CORRIDOR
	GRANITE	PARKING
	YELLOW TILE FLOORING	OTHER WORKSTATIONS
	GREY TILE FLOORING	OTHER WORKSTATIONS

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- NOT VARY FROM ANY WORKS SHOWN ON THE DRAWING WITHOUT OBTAINING PRIOR APPROVAL FROM W DESIGN PVT. LTD.
- BE RESPONSIBLE FOR REQUESTING SUPPLEMENTARY INFORMATION WHERE REQUIRED FROM W DESIGN PVT. LTD.
- SUPPLY W DESIGN PVT. LTD. WITH ALL SHOP DRAWINGS, ILLUSTRATIONS AND SPECIFICATIONS FOR SPECIALIST WORKS INCORPORATED IN THE MAIN CONTRACT WORKS.
- VERIFY THAT ALL DRAWING AND SPECIFIED WORK FOLLOWS GOOD PRACTICE THROUGHOUT THE INDUSTRY AND COMPLIES WITH CURRENT LOCAL AUTHORITY BYE LAWS AND BUILDING REGULATIONS OF THE PROJECT COUNTRY.
- IMMEDIATELY ADVISE W DESIGN PVT. LTD. OF THE EFFECT UPON THE PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
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CLIENT: DELHI METRO INCUBATOR

PROJECT: DELHI METRO INCUBATOR

DRAWING STATUS: GOOD FOR CONSTRUCTION

TITLE: FLOORING LAYOUT OPTION 2

DRAWING NO: DMI_04.01.15.A

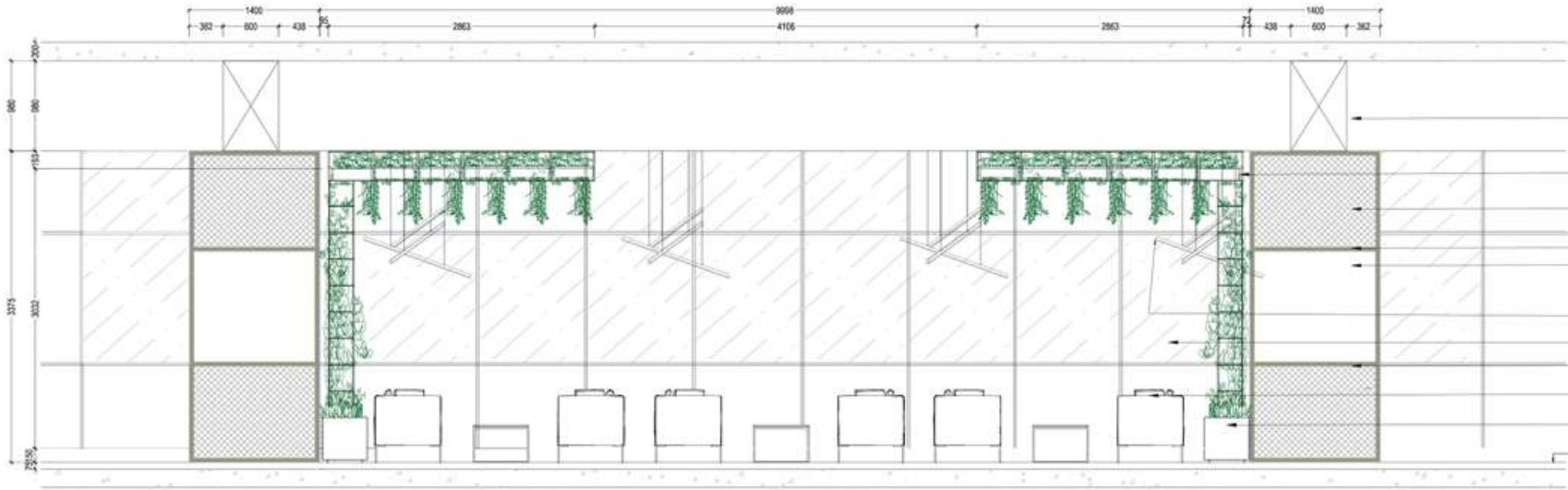
SCALE: 1:400

- REVISIONS:
- ALL THE MAIN PASSAGE WAYS ARE 1800MM WIDE DEMARCATED ARE TO BE DONE IN LUXURY VINYL TILE.
 - WORKSTATION AREAS TO BE PROVIDED WITH DARK GREY CARPET.
 - ALL THE HALLWAY SPACES AND THE PLANTERS BETWEEN THE WORKSTATIONS ARE LUXURY VINYL TILE.
 - ALL THE MEETING ROOMS HAVE CARPET AS FLOORING.
 - REVERSED SOCIAL HUB AREA.
 - OPEN WORKSTATIONS HAVE TILE FLOORING.



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TENDER DRAWING- ELEVATION



EXISTING BEAM ON SITE

SUSPENDED PLANTERS @
3000MM LVL
METAL WIRE MESH

50X50 MM METAL FRAME
LACQUERED GLASS AS PER
DESIGN

LIGHTING AS PER SELECTION

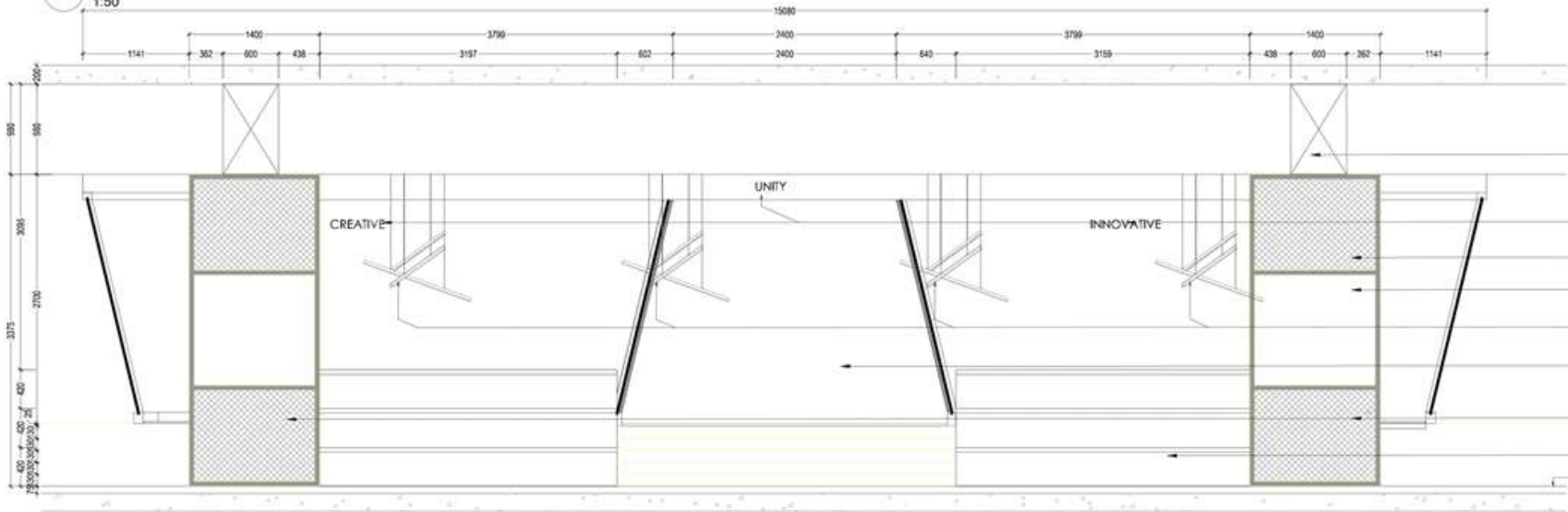
GLAZING GLASS FACADE

EXISTING COLUMN IN SITE

FURNITURE AS PER SELECTION

PLANTER BOX AS PER
SELECTION
FFL

4 ELEVATION - B
1:50



EXISTING BEAM IN SITE

3D LETTERING AS PER DESIGN

COLUMN MESH AS PER DESIGN

LACQUERED GLASS

CONFERENCE ROOM

LOUNGE AREA

EXISTING COLUMN IN SITE

STEP SEATING AS PER DESIGN
FFL

5 ELEVATION - D
1:50

THE MAIN CONTRACTOR, SUB CONTRACTOR, OR SUPPLIER SHALL:

- 1) NOT SCALE FROM THIS DRAWING. ONLY WORK TO FIGURED DIMENSIONS. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- 2) VERIFY ALL DIMENSIONS ON SITE. IMMEDIATELY REPORT TO W DESIGNS PVT. LTD. ANY DISCREPANCIES OR OVERLAP BETWEEN DRAWINGS BEFORE IMPLEMENTING AND CONSTRUCTION OR FABRICATION WORK. PREPARATION OF SHOP DRAWINGS OR PURCHASE OF SPECIFIED PROJECT ITEMS.
- 3) READ THIS DRAWING IN CONJUNCTION WITH ALL RELEVANT W DESIGNS PVT. LTD. AND EXTERNAL CONSULTANT DRAWINGS AND SPECIFICATIONS.
- 4) NOTE THAT WHERE MANUFACTURERS OR SUPPLIERS HAVE BEEN SPECIFIED ON THE DRAWING OR SCHEDULE OF WORKS, INSTALLATION MUST BE IN ACCORDANCE WITH THEIR INSTRUCTIONS AND RECOMMENDATIONS.
- 5) NOT VARY FROM ANY WORKS SHOWN ON THE DRAWING WITHOUT OBTAINING PRIOR APPROVAL FROM W DESIGNS PVT. LTD.
- 6) BE RESPONSIBLE FOR REQUESTING SUPPLEMENTARY INFORMATION WHERE REQUIRED FROM W DESIGNS PVT. LTD.
- 7) SUPPLY W DESIGNS PVT. LTD. WITH ALL SHOP DRAWINGS, ILLUSTRATIONS AND SPECIFICATIONS FOR SPECIALIST WORKS INCORPORATED IN THE MAIN CONTRACT WORKS.
- 8) VERIFY THAT ALL DRAWING AND SPECIFIED WORK FOLLOWS GOOD PRACTICE THROUGHOUT THE INDUSTRY AND COMPLIES WITH CURRENT LOCAL AUTHORITY BYE LAWS AND BUILDING REGULATIONS OF THE PROJECT COUNTRY.
- 9) IMMEDIATELY ADVISE W DESIGNS PVT. LTD. OF THE EFFECT UPON THE PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
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KEY PLAN:



Drawn: KIRUTHIKA
Check: ARYSHA
Drawn Date: 08.03.19
Check Date: 08.03.19
Scale: 1:50

CLIENT:
HUNCH VENTURES

PROJECT:
DELHI INCUBATOR- 4TH FLOOR

DRAWING STATUS:
GOOD FOR CONSTRUCTION

DRAWING TITLE:
STEP SEATING + HOT DESK

DRAWING NO.:
SCALE: 1:50

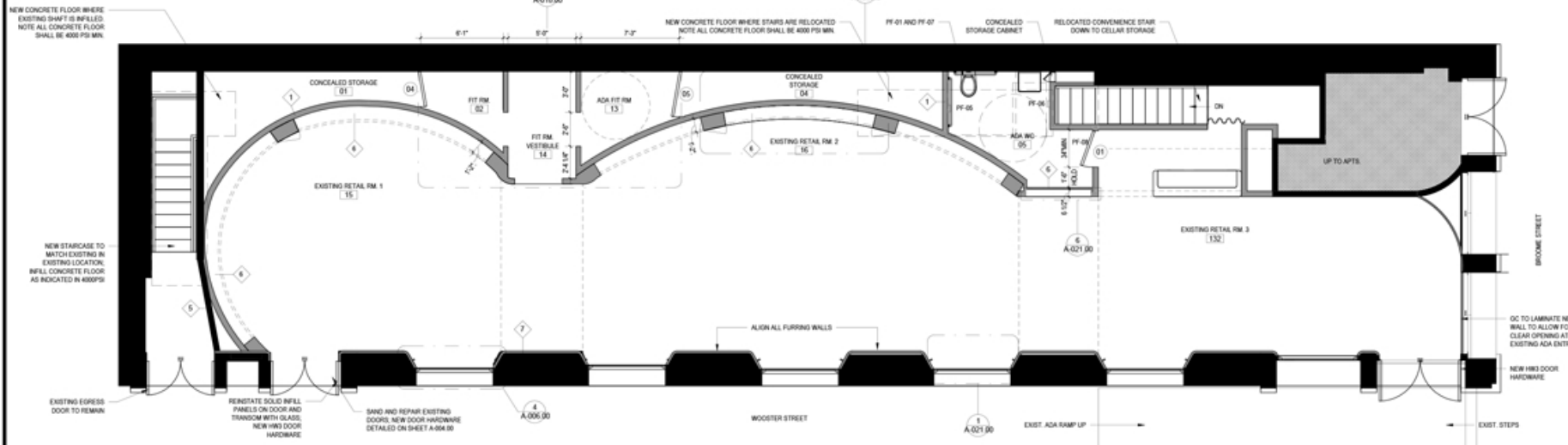
CULT GAIA

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.





FIRST FLOOR NEW WORK PLAN
1/4" = 1'-0"

WALL TYPE LEGEND:

1. NEW PARTITION - FULL HEIGHT 5/8" (15 MM) GYPSUM WALL BOARD, TYPE "X" 3/4" (20 MM) 20 G.A. METAL STUDS @ 16" (406 MM) O.C. ACoustICAL, 3/4" MINERAL FIBER INSULATION P-1, LEVEL 4 FINISH	4. NEW FURRING PARTITION - FULL HEIGHT 5/8" (15 MM) GYPSUM WALL BOARD, TYPE "X" 7/16" (11 MM) 20 G.A. METAL STUDS @ 16" (406 MM) O.C. P-1, LEVEL 4 FINISH	7. NEW FURRING PARTITION - FULL HEIGHT 1/2" GYPSUM WALL BOARD, TYPE "X" 7/16" 20 G.A. METAL STUDS @ 16" (406 MM) O.C. FINISH AS SCHEDULED
2. NEW PLUMBING PARTITION 5/8" (15 MM) GYPSUM WALL BOARD, TYPE "X" 4" (102 MM) 20 G.A. METAL STUDS @ 16" (406 MM) O.C. 5/8" (15 MM) GYPSUM WALL BOARD, TYPE "X" BLOCKING AS REQ'D PER ELEVATIONS	5. 2 HOUR RATED PARTITION - FULL HEIGHT 5/8" (15 MM) GYPSUM WALL BOARD, TYPE "X" 3/4" (20 MM) 20 G.A. METAL STUDS @ 16" (406 MM) O.C. 5/8" (15 MM) GYPSUM WALL BOARD, TYPE "X" P-1, LEVEL 4 FINISH BLOCKING AS REQ'D PER ELEVATIONS	8. NOSE UPPER WALL AND FURRING WALL 1/2" GYPSUM WALL BOARD, TYPE "X" 1 1/2" (38 MM) 20 G.A. METAL STUDS @ 16" (406 MM) O.C. 1/2" GYPSUM WALL BOARD, TYPE "X" P-1, LEVEL 4 FINISH
3. NEW PARTITION - FULL HEIGHT 5/8" (15 MM) GYPSUM WALL BOARD, TYPE "X" 3/4" (20 MM) 20 G.A. METAL STUDS @ 16" (406 MM) O.C. ACoustICAL, 3/4" MINERAL FIBER INSULATION P-1, LEVEL 4 FINISH		9.

LEGEND:

	EXISTING TO REMAIN
	NEW PARTITION
	EXISTING TO BE REMOVED
	PARTITION TYPE
	DOOR NUMBER

GENERAL NOTES:

WALL TYPE GENERAL NOTES:
1. ALL GIRD TO BE SHEETROCK BRAND GYPSUM OR APPROVED EQUAL.
2. ALL METAL STUDS TO BE BRACED BACK TO THE STRUCTURE ABOVE, UNLESS OTHERWISE NOTED.
3. ALL EXISTING BUILDING CONDITIONS AND ALL WORK TO BE COORDINATED AND VERIFIED PRIOR TO CONSTRUCTION.
4. FOR ALL WALL TYPES SPECIFIED, O.C. TO COORDINATE AND/OR SUPPLY BLOCKING AS NECESSARY BEHIND ALL MILLWORK. COORDINATE CONSTRUCTION DETAILS AND DIMENSIONS WITH ELEVATIONS.
5. ALL NEW AREAS TO USE GREEN BOARD WATER RESISTANT DRYWALL OR APPROVED EQUAL.
6. O.C. TO INSTALL BLOCKING AS REQUIRED.

CONSTRUCTION NOTES:
1. O.C. TO REPLACE AND/OR REPAIR PERSONAL PROPERTY DAMAGED DURING CONSTRUCTION.
2. O.C. IS RESPONSIBLE FOR VERIFYING SITE DIMENSIONS AND CONDITIONS.
3. O.C. MUST COORDINATE ALL WALL OPENINGS WITH SITE CONDITIONS.

FLOOR FINISHES:
1. ALL FLOOR PENETRATIONS MUST BE FIRESTOPPED AND SEALED LIQUID TIGHT. FLOOR TRANSITIONS MUST BE FLUSH. VINYL OR RUBBER REDUCER STRIPS NOT PERMITTED.
2. ALL NEW AREAS TO RECEIVE A LATICRETE 405 WATERPROOF MEMBRANE UP TO HEIGHT OF FINISHED FLOOR ON TOP SIDE OF RAISED FLOOR OPENINGS.
3. EMERGENCY LIGHTING CIRCUITS MUST BE ON A DEDICATED BREAKER.
4. BREAKER LOCKS MUST BE INSTALLED ON THE EMERGENCY LIGHTING BREAKER AND THE FIRE ALARM BREAKER.
5. ALL DIMENSIONS FOR PERIMETER FINISH OPENINGS ARE TO ACCOMMODATE FEATURES MANUFACTURED BY EXISTING GENERAL CONTRACTOR.
6. O.C. MUST COORDINATE ALL WALL OPENINGS OVERALL DIMENSION DIRECTLY WITH MILLWORK SHOP DRAWINGS.
7. O.C. TO LAYOUT ALL WALLS AND OPENINGS USING MILLWORK SHOP DRAWINGS PRIOR TO ANY CONSTRUCTION OR ORDERING OF MATERIALS.
8. ALL FLOOR PENETRATIONS MUST BE FIRESTOPPED AND SEALED LIQUID TIGHT. NO TRENCHING OF CONCRETE SLABS ALLOWED. CORE DRILLING ONLY. FLOOR TRANSITIONS MUST BE FLUSH. VINYL OR RUBBER REDUCER STRIPS NOT PERMITTED.
9. O.C. TO VERIFY DIMENSIONS WALLS EXTEND TO THE UNDERSIDE OF STRUCTURE ABOVE. EXTEND AS REQUIRED.

TENANT SAFETY NOTES:
1. CONSTRUCTION WORK WILL NOT CREATE DUST, DIRT, OR OTHER SUCH INCONVENIENCES TO OTHER AREAS WITHIN THE BUILDING.
2. CONSTRUCTION OPERATIONS WILL NOT BLOCK MEANS OF EGRESS FOR OCCUPANTS OF THE BUILDING.
3. CONSTRUCTION OPERATIONS WILL NOT INVOLVE INTERRUPTION OF HEATING, WATER, OR ELECTRICAL SERVICES TO OTHER AREAS OF THE BUILDING.
4. CONSTRUCTION OPERATIONS WILL BE CONFINED TO NORMAL WORKING HOURS UNLESS PREVIOUSLY APPROVED.

GENERAL:
1. PATCH EXISTING GYP. WALLS & CEILING AS REQ'D.
2. PATCH & REPAIR FLOORING AS REQ'D - LEVELS AS REQ'D.
3. PROVIDE POWER ELECTRICAL FOR NEW LIGHTING. ANY ABANDONED ELECTRICAL TO BE CAPPED. WIRES TO BE PULLED BACK TO PANEL - PROVIDE FINISH COVER PLATE OVER ABANDONED CORE.
4. O.C. TO REVIEW EXISTING RADIATORS TO ENSURE COMPATIBILITY WITH PTAC COMBINATION AIR CONDITIONER/HEATERS. THIS IS PENDING LANDLORD REVIEW AND APPROVAL.

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cult gaia

482 BROOME STREET
NEW YORK, NY, 10013

DOB NOW JOB #:
GC M00712571_11
MS M00712574_11
PL M00712574_S1

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PROJECT NO.
DATE: 10/25/2021
DRAWN BY: JAN
CHECKED BY: AJN
AREA: 2087 GROUND + 654 CELLAR SF

#	DESCRIPTION	DATE
1	ISSUE FOR LANDLORD REVIEW	08/19/2023
2	ISSUE FOR O.C. PRICING	08/19/2023
3	ISSUE FOR NYC DOB	08/24/2023

SHEET TITLE
FIRST FLOOR NEW WORK PLAN

DRAWING NO.
A-009.00

SHEET NUMBER
15 OF 14

cult gaia
482 BROOME STREET
NEW YORK, NY, 10013



DOB NOW JOB #:
GC M00712571_I1
MS M00712574_I1
PL M00712574_S1

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PROJECT NO:
DATE: 10/20/2021
DRAWN BY: JAN
CHECKED BY: JAN

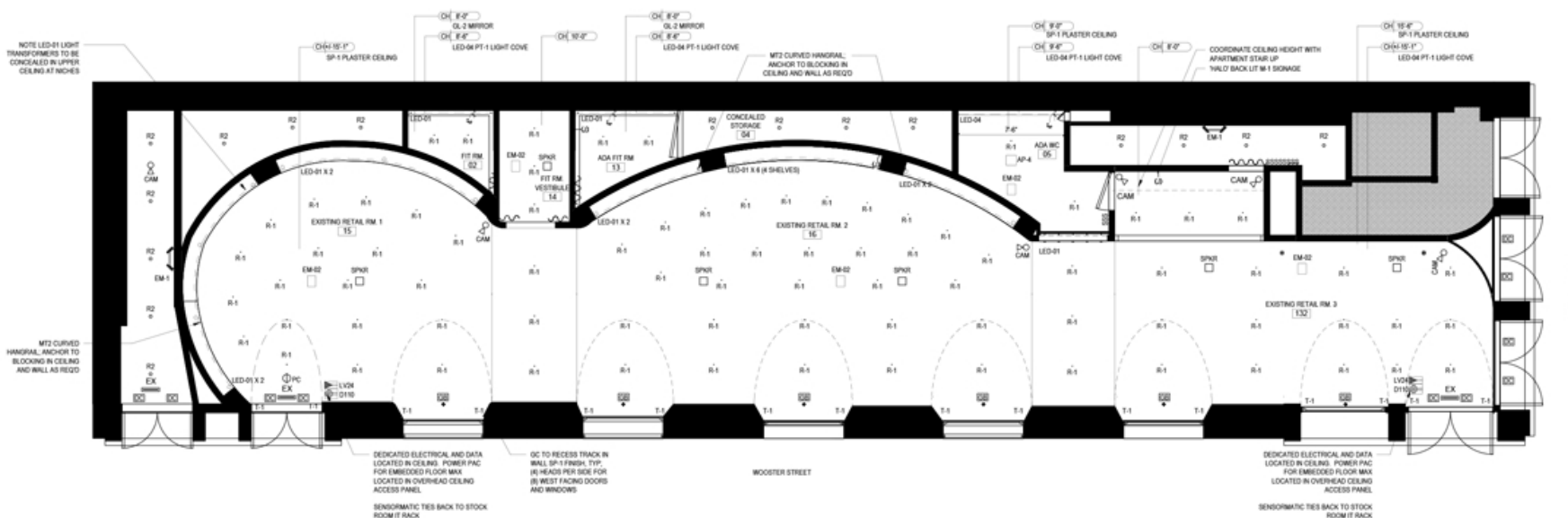
AREA: 1057 SQUARED + 454 CELLAR SF

#	DESCRIPTION	DATE
1	ISSUE FOR LANDSCAPE REVIEW	08/19/2022
2	ISSUE FOR GC 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



FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

1

LIGHTING LEGEND *ALL LIGHTS ARE DIMMABLE

TAG	SYMBOL	DESCRIPTION
R-1	○	10" DIA RECESSED LIGHTS
R-2	○	RECESSED LIGHTS
BC-1	⊕	WALL MOUNTED LIGHTS
LED-01	---	300K DIMMABLE FLOURESCENT 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	→	EXIT SIGN, ARROWS NOTE DIRECTION OF EGRESS
EM-01	⚡	WALL MOUNTED EMERGENCY LIGHTS
EM-02	□	POP DOWN EMERGENCY LIGHT

AUDIO LEGEND

TAG	SYMBOL	DESCRIPTION
SPKR	□	STEALTH ACoustics 8" UR80 INVISIBLE IN-CEILING LOUDSPEAKER, 100 WATTS RMS, 50W MAX RECOMMENDED POWER
1. AUDIO EQUIPMENT PROVIDED BY OWNER'S VENDOR 2. PRE-WIRING, EQUIPMENT AND INSTALLATION BY EOT OR OTHER AUDIO VENDOR. SEE CONTACT SHEET FOR INFORMATION. 3. GC TO COORDINATE SPEAKER LAYOUT WITH HVAC AND LIGHTING. 4. LOCATE PLUGS AND WATT AMPLIFIER OR EQUAL AND MUSIC PLAYER WHERE INDICATED IN DRAWING.		
PEOPLE COUNTER LEGEND		
TAG	SYMBOL	DESCRIPTION
PC	⬆	PEOPLE COUNTER COUNT-WISE
1. PULL CAT5 CABLE FROM PC SYMBOL AT STOREFRONT ENTRY TO LV CABINET. 2. LEAVE 18" OF ROLLED BLACK CAT5 IN CEILING AT DEVICE AND 18" OF ROLLED BLACK AT BACK OF HOUSE TERMINAL LOCATION. 3. MARK BOTH ENDS "COUNTWISE". 4. THE CAT5 SHOULD BE TERMINATED AT BOTH ENDS WITH AN RJ-45 WALK (STANDARD M88). 5. DEVICE MUST BE WITHIN 2'-0" OF STOREFRONT ENTRY.		

ELECTRICAL LEGEND

⬆	DUPLEX OUTLET, TYP. @ 10" A.F.F. UNLESS OTHERWISE NOTED
M	DUPLEX OUTLET - TERMINATED ON MILLWORK - CONCEALED WITH OUTLET MATCHED TO FINISH
GFI	GROUND FAULT INTERRUPTED TYPE DUPLEX OUTLET
SW	LIGHT SWITCHED TYPE DUPLEX OUTLET
⬆	FLOOR MOUNTED RECEPTACLE - CONCEALED WITH OUTLET MATCHED TO FINISH
⬆	FLOOR MOUNTED RECEPTACLE - CONCEALED WITH OUTLET MATCHED TO FINISH
D	DEDICATED 20 AMP OUTLETS - WITH BLUE INDICATOR
⬆	QUAD OUTLET
J	JACK - ALL POWER FOR BUILT IN SHELVES WITH LIGHTING TO BE 10A WHIP WITH SPARE FEEDING FROM CEILING OR WALL. CONTRACTOR WILL PROVIDE ACCESS PANEL ON TOP OR BOTTOM OF CABINET UNIT. GC TO COORDINATE IN MILLWORK SHOP DWG.

⬆	DIAGRAMMATIC SWITCH LOCATION - SEE ELECTRICAL DRAWINGS FOR QUANTITIES AND CIRCUITING
C#	CAT5E (NUMBER INDICATES QUANTITY, 4 IS 4 DROPS)
C#	CAT5E FLOOR RECEPTACLE (NUMBER INDICATES QUANTITY, 4 IS 4 DROPS)
EP	ELECTRICAL PANEL, PAINT PANEL TO MATCH WALL COLOR
T	THERMOSTAT
IT RACK	LOW VOLTAGE CABINET - MAIN DISTRIBUTION FACILITY, G.C. TO PROVIDE RAYWOOD ON WALL FOR MOUNTING AS SOON AS DEMO IS COMPLETE, SEE DRAWINGS FOR ELEVATIONS AND DETAILS
W/AP	WIRELESS ACCESS POINT AT 4'-0" AFF. GC TO SUPPLY TWO CAT5 DATA DROPS, TERMINATION BY OTHERS
DJ	CONCEALED LEVITON (OR APPROVED ALTERNATE) SWIRL CIRCUIT MOMENTARY DOORLAMP 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 4100K TYPICAL.
4. EXISTING SWITCHES, OUTLETS AND LIGHTS MUST BE VERIFIED ON SITE. EXISTING OUTLETS MAY NOT BE NOTED IN NEW WORK. LIGHTS AND POWER LABELED BY ARE EXISTING. ONLY NEW SWITCHES ARE SHOWN. NOTIFY ARCHITECT OF CONFLICTS.
5. GC RESPONSIBLE FOR PURCHASING AND INSTALLING LIGHT BULBS.
6. FIRE RESISTANCE OF BUILDING ASSEMBLY MEETS OR EXCEEDS MINIMUM FIRE RESISTANCE REQUIREMENTS OF STRUCTURAL ELEMENTS CHART IN BOB 1907-1.10.
7. GC TO COORDINATE POWER REQUIREMENTS AND LOCATIONS IN AUDIO, SECURITY, AND P.D.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 U.L. LISTING LABELING OF ALL FIXTURES.
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
⬆	1	NEW FIB. WALL MOUNTED
⬆	10	ALARM DOOR CONTACT - MOUNTED TO DOOR AND FRAME
⬆	6	ALARM GLASS BREAK - MOUNTED TO FRAME
⬆	8	CAMERA - MOUNTED TO CEILING
⬆	8	CAMERA - MOUNTED TO CEILING
1. DOA TO SUPPLY AND INSTALL THE CABLE FOR ALL SECURITY EQUIPMENT INCLUDING COMMAND CENTERS, CAMERAS, SWIRL PROS, ETC. ALL TERMINATIONS, EQUIPMENT AND DEVICES WILL BE INSTALLED BY VENDOR.		
2. SECURITY VENDOR TO RUN ALL WIRE FOR SECURITY CAMERAS AND DEVICES. SECURITY VENDOR TO INSTALL ALL DEVICES.		
3. GC IS RESPONSIBLE FOR COORDINATING ALL DEVICE LOCATIONS AND FOR SCHEDULING INSTALLATION.		

INTERIOR NICHE HEIGHT
12'-0"

TOP OF PERIMETER WINDOW
FRAME CEILING CURVE START
6'-9 1/2"

NICHE HEIGHT
7'-0"

2" HVAC RETURN AT NICHE, SEE
MECH ENG. DRAWINGS FOR DETAILS.
1 1/4" X 1 1/4" CORNER
ROUND COMPATIBLE TAPE
LIGHT CHANNEL AND MILKY
ACRYLIC DIFFUSER
LED-04 X 2 CONCEALED TAPE LIGHT BY GC,
CONCEAL COMPATIBLE DIMMING LIGHT
DRIVER IN ACCESS PANELS IN CEILING
NICHE, GC TO PROVIDE POWER PER
MANUF. INSTRUCTIONS, INDEPENDENTLY
CONTROLLED DIMMING SWITCH

ST-1 SHELVES WITH LED-04
UNDER-SHELF LIGHTING

MT-2 POLISHED 1/4" SQUARE
BRASS IN WALL ANCHOR
BRACKET AT ST-1 SHELVES,
SEE PLAN DETAILS

GL-2 MIRROR, MITER EDGES

HEAVY DUTY UNDERMOUNT
SOFT CLOSERS ON DRAWER

GL-2 MIRROR TAB PULLS

SECTION AT ST1 SHOE SHELVES
1" = 1'-0"

6

2" HVAC RETURN AT NICHE, SEE
MECH ENG. DRAWINGS FOR DETAILS.
1 1/4" X 1 1/4" CORNER
ROUND COMPATIBLE TAPE
LIGHT CHANNEL AND MILKY
ACRYLIC DIFFUSER
LED-04 X 2 CONCEALED TAPE LIGHT BY GC,
CONCEAL COMPATIBLE DIMMING LIGHT
DRIVER IN ACCESS PANELS IN CEILING
NICHE, GC TO PROVIDE POWER PER
MANUF. INSTRUCTIONS, INDEPENDENTLY
CONTROLLED DIMMING SWITCH

MT-2 3/4" DIA POLISHED
BRASS CURVED HANGRAIL,
ANCHOR TO BLOCKING IN
CEILING AND WALL AS REQ'D

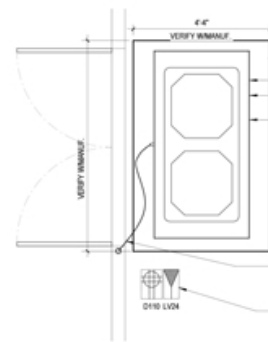
MT-2 POLISHED BRASS PERPENDICULAR
SUPPORT RAIL, AT LOCATIONS
INDICATED ON PLAN, GC TO SUPPLY IN-
WALL BLOCKING AS REQ'D

PR-1

FINISHED FLOOR
6'-0"

SECTION AT MT2 CURVED HANGRAIL NICHE
1" = 1'-0"

5



SECTION DETAIL AT IN FLOOR SENSORMATIC SYSTEM
1/32" = 1'-0"

3

PLAN DETAIL AT IN FLOOR SENSORMATIC SYSTEM
1/32" = 1'-0"

2

LED-04 CONTINUOUS TAPE LIGHT BY GC, CONCEAL
COMPATIBLE DIMMING LIGHT DRIVER IN ACCESS
PANELS IN CEILING NICHE, GC TO PROVIDE
POWER PER MANUF. INSTRUCTIONS,
INDEPENDENTLY CONTROLLED DIMMING SWITCH
RECTANGULAR COMPATIBLE TAPE LIGHT
CHANNEL AND MILKY ACRYLIC DIFFUSER
MT-2 1/4" CONTINUOUS POLISHED BRASS FRAME

OL-1 TEMPERED GLASS DOORS
WITH 4 HINGERS
ST-1 TRAVERTINE

1/4" DIA X 1 3/4" X 1 3/4" MT2
BRASS JEWELRY 1 PINN (DIT) JOL
GC TO PRODUCE PROTOTYPE
PRIOR TO FABRICATION

OL-1 TEMPERED GLASS
SHELVES X 4 ON VETDA
MT2 BRASS (CONCRETE)

ST-1 TRAVERTINE BASE
AND DRAWER FACE

FAB-01 INTERIOR OF
DRAWERS, SOFT CLOSE HEAVY
DUTY UNDER MOUNT SLIDES

PR-1 BASE REVEAL

5'-0"

1'-0"

SECTION AT JEWELRY AND SUNGLASS UNIT
1" = 1'-0"

7

NOTE: EACH WINDOW AND DOOR
CONDITION IS SLIGHTLY DIFFERENT, THE
INTENTION IS TO MAKE THEM APPEAR AS
UNIFORM AND SMOOTH AS POSSIBLE

GC TO FURISH OUT EXISTING
STRUCTURE TO CONCEAL POWER AND
DATA, RADIUS CORNERS, TYP

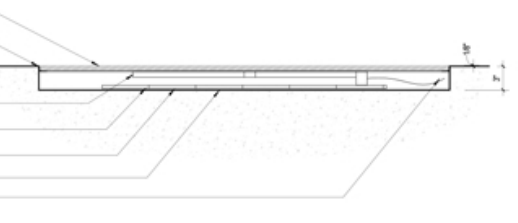
GC TO RECESS T-1 TRACK IN FURRED OUT WALL
IN SCHEDULED FINISH, TYP, (H) HEADS PER SIDE
FOR (B) WEST FACING DOORS AND WINDOWS



PLAN SECTION DETAIL AT WINDOWS
1" = 1'-0"

4

OPT-1 RECESSED WALK OFF MAT,
SUPPLIED AND INSTALLED BY GC
ANODIZED ALUMINUM CONTINUOUS 1/4"
METAL ANGLE AROUND WALK OFF MAT
SENSORMATIC ANTENNA
PLACED ON TOP OF SHIELD
SENSORMATIC SHIELD PLACED ON
TOP OF METAL TRAY
SENSORMATIC METAL TRAY
EXCAVATED CONCRETE FLOOR BY GC
CONDUIT LEADING FROM CEILING ACCESS
PANEL TO EXCAVATED FLOOR PORTION
FOR ANTENNA POWER PNC CONNECTION



GC TO PREPARE ENTRY TO
RECEIVE CONCEALED
SENSORMATIC SECURITY SYSTEM

EXCAVATED CONCRETE FLOOR BY GC

SENSORMATIC METAL TRAY

SENSORMATIC SHIELD PLACED
ON TOP OF METAL TRAY

SENSORMATIC ANTENNA PLACED
ON TOP OF SHIELD

CONDUIT LEADING FROM CEILING
ACCESS PANEL TO EXCAVATED FLOOR
PORTION FOR ANTENNA POWER PNC
CONNECTION

DEDICATED ELECTRICAL AND DATA
LOCATED IN CEILING, POWER PNC FOR
EMBEDDED FLOOR MAX LOCATED IN
OVERHEAD CEILING ACCESS PANEL

SENSORMATIC TIES BACK TO STOCK
ROOM IT TRACK

EXCAVATED CONCRETE FLOOR BY GC,
CONFORM TEMPLATE WITH OWNERS
VENDOR PRIOR TO CUTTING SLAB

CONDUIT LEADING FROM CEILING ACCESS
PANEL TO EXCAVATED FLOOR PORTION
FOR ANTENNA POWER PNC CONNECTION

SALES FLOOR DOOR THRESHOLD

SENSORMATIC SHIELD PLACED
ON TOP OF METAL TRAY

SENSORMATIC ANTENNA
PLACED ON TOP OF SHIELD

SENSORMATIC SYSTEM BY



PHOTO AT TYPICAL SITE CONDITION
1" = 1'-0"

1

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DOB NOW JOB #:
GC M00712571_11
MS M00712574_11
PL M00712574_51

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PROJECT NO.
DATE: 10/12/2021
DRAWN BY: JLN
CHECKED BY: JLN
AREA: 20K GROUND + 65K CELLAR SF

#	DESCRIPTION	DATE
1	ISSUE FOR LANDLORD REVIEW	08/19/2023
2	ISSUE FOR GC PRICING	08/19/2023
3	ISSUE FOR NYC DOB	08/24/2023

SHEET TITLE
**CONSTRUCTION
DETAILS**

DRAWING NO.
A-006.00

SHEET NUMBER



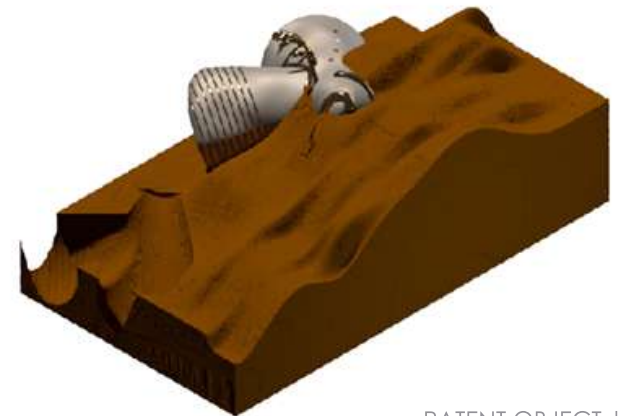
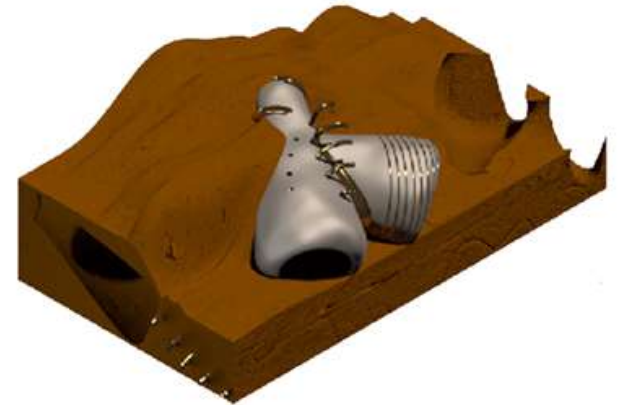
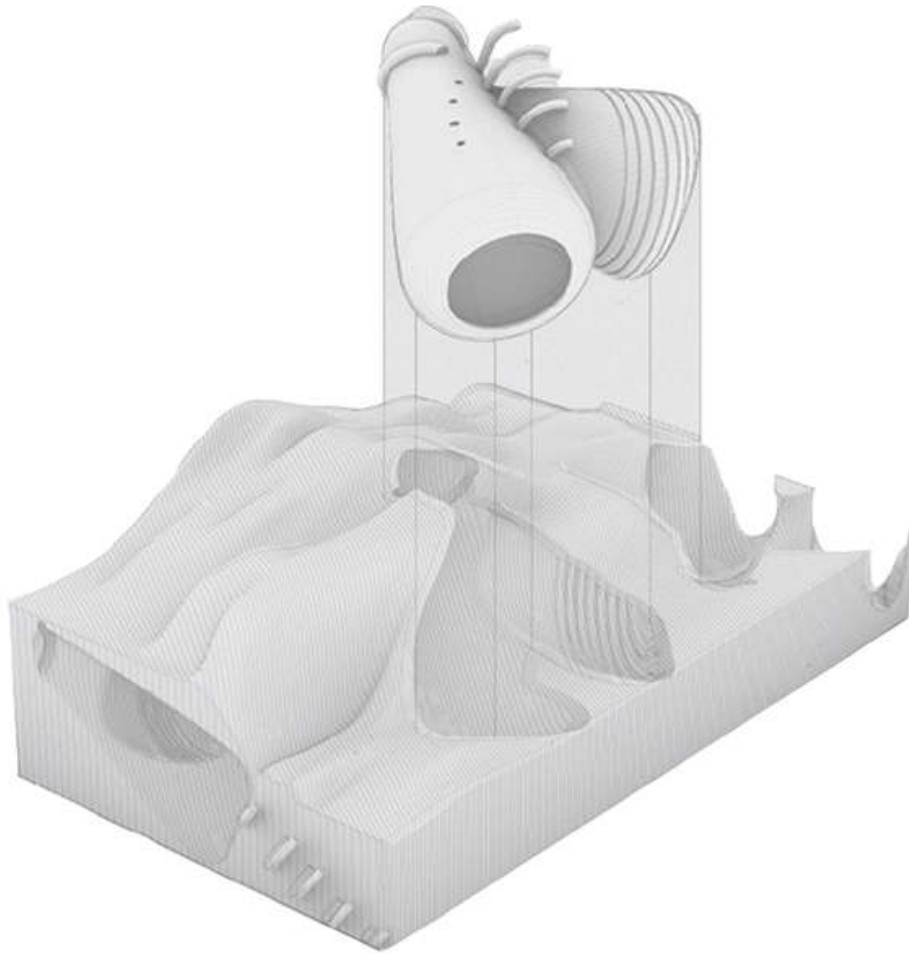
| MASHUP |
| ART+ARCHITECTURE |

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

PATENT PENDING

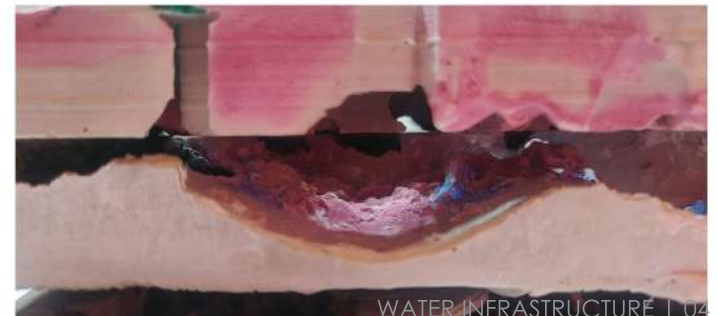
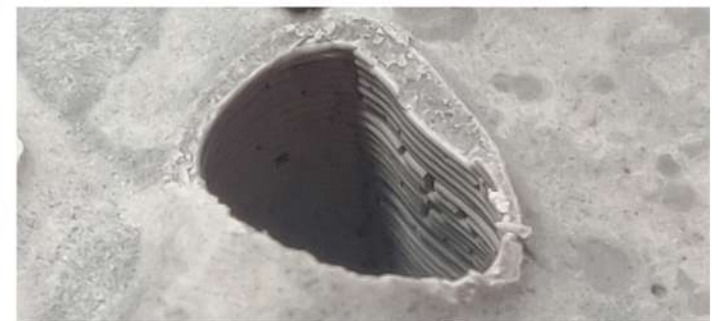
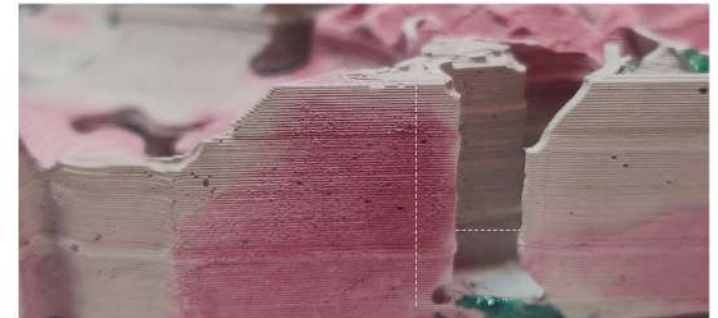
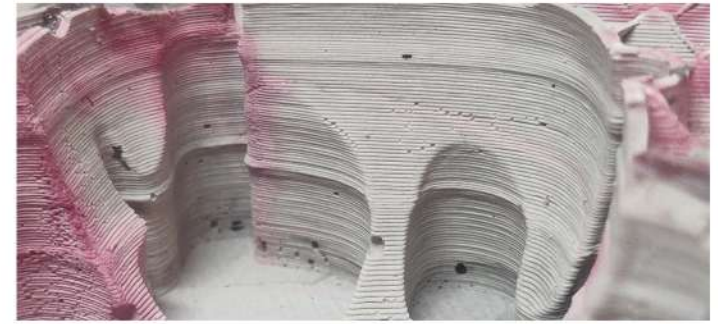
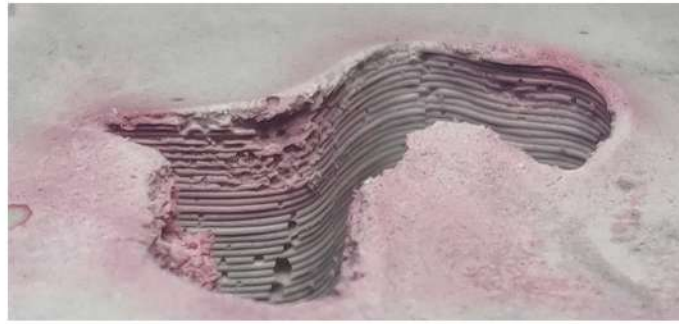
Products, Mechanisms and Objects

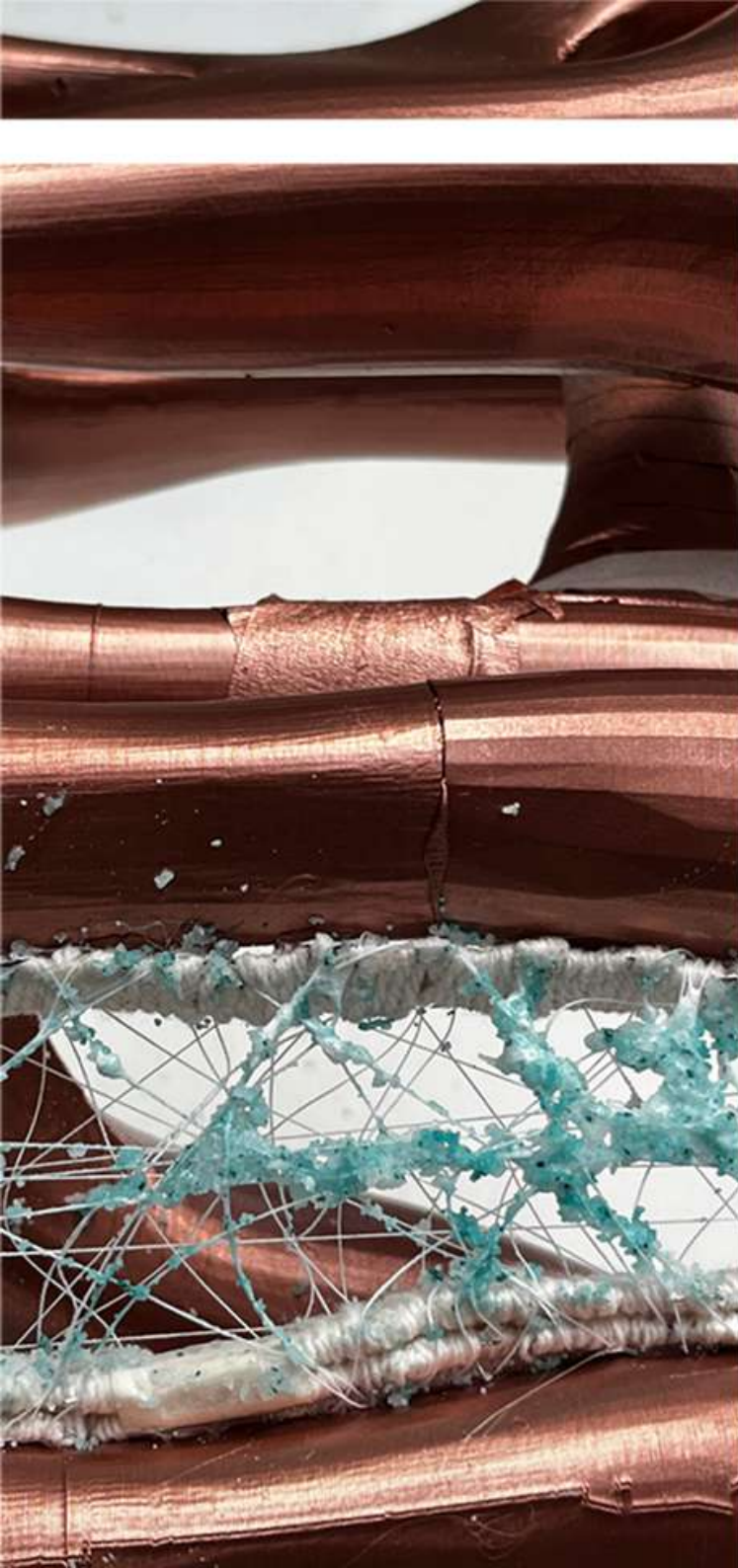
Oscillate between references of the ordinary and implausible structures, creating new designs made out of assemblages and also revealing their fictional nature



MATERIAL EXPLORATIONS

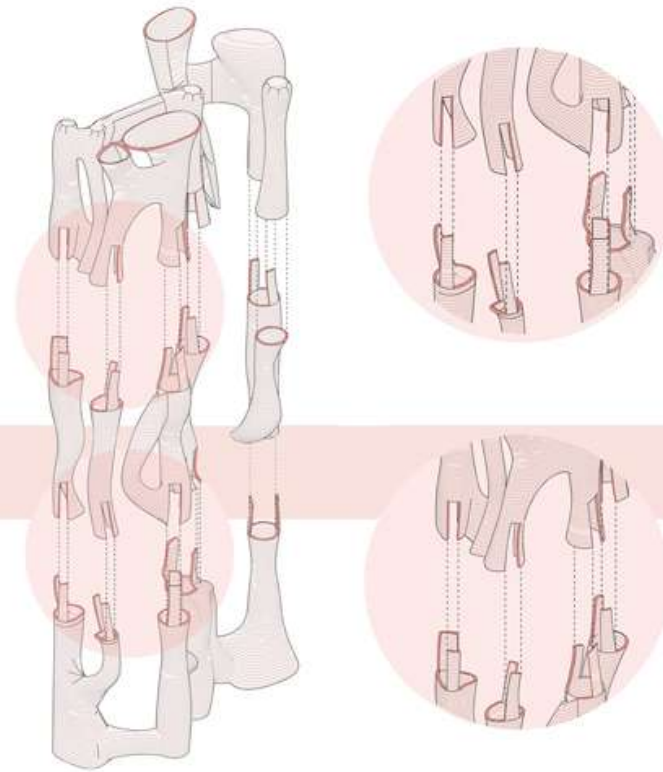
Understanding the language of haloclastic surfaces and their layers, to design a landscape that can filter, control, direct the flooding water.





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.



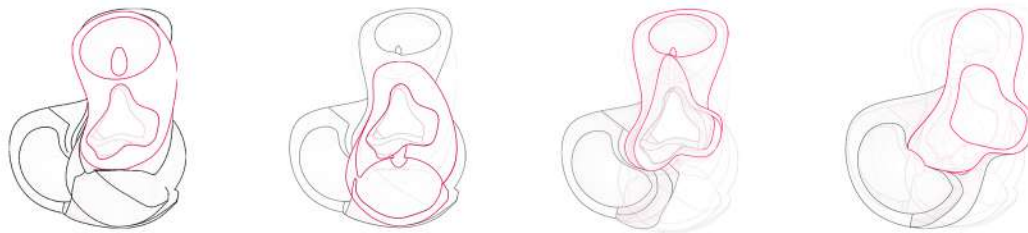
Salt formation:

The pipes are lined with water absorbent strings that help retain the brackish water that's running 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 laced 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.



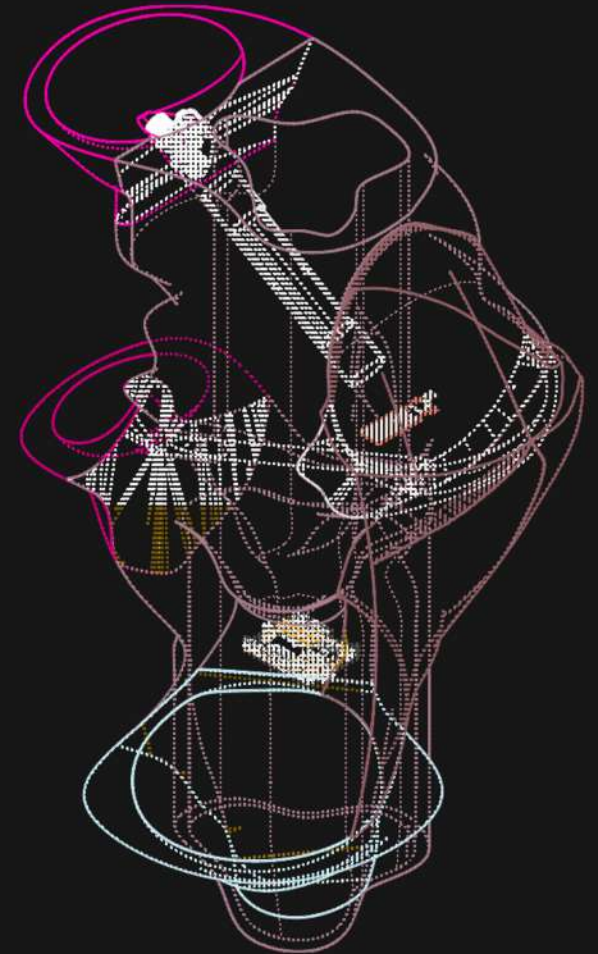
One structure alone does not solve the climate crisis. Creating a small-scale design that tackles daily problems helps establish an understanding that small changes can result in big differences. This makes a huge difference in the collective opinions of the climate crisis.

Low tech passive desalinization techniques:

1. Evaporation
2. Living machine filtration

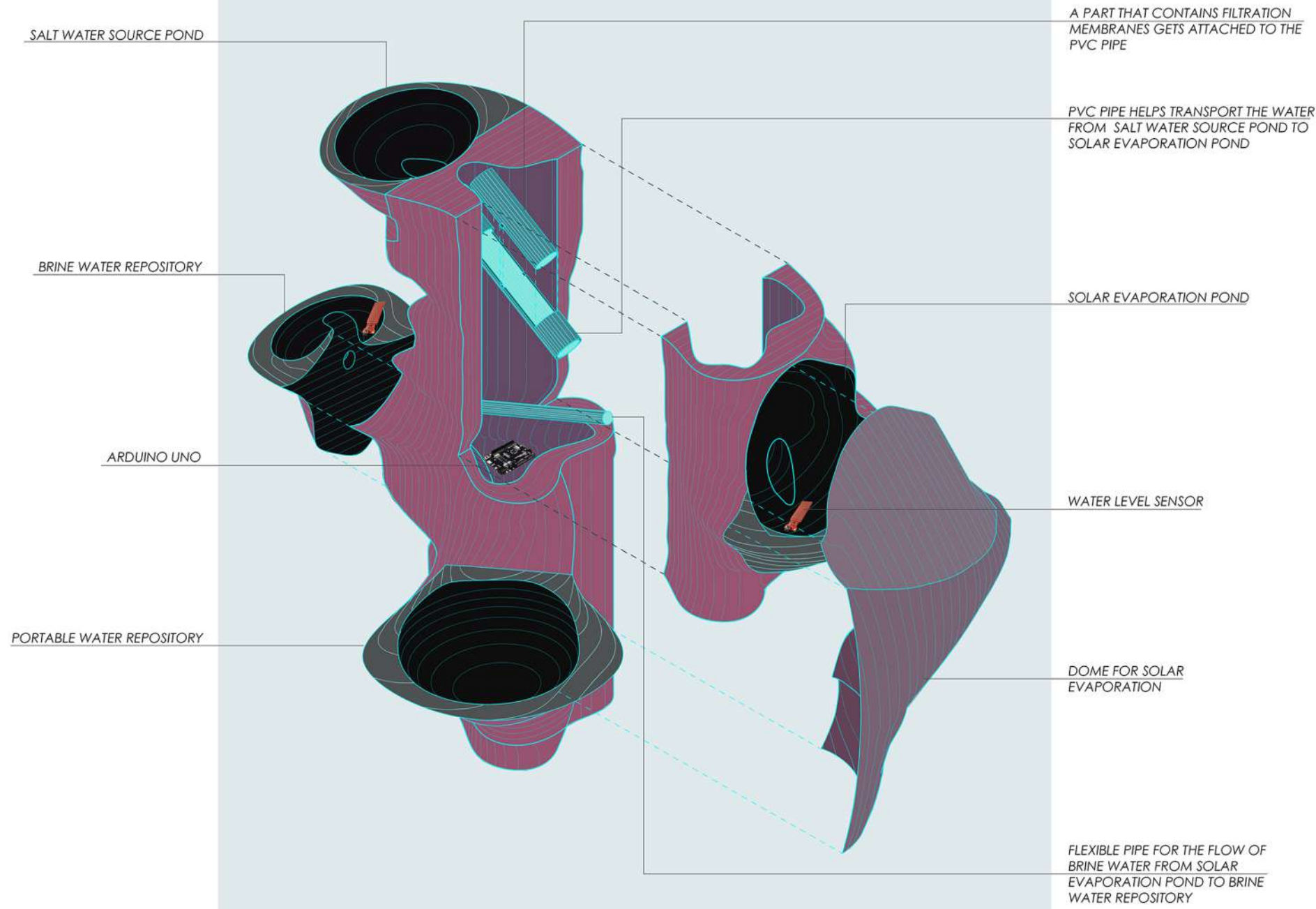
High tech water control, delay, and directing techniques:

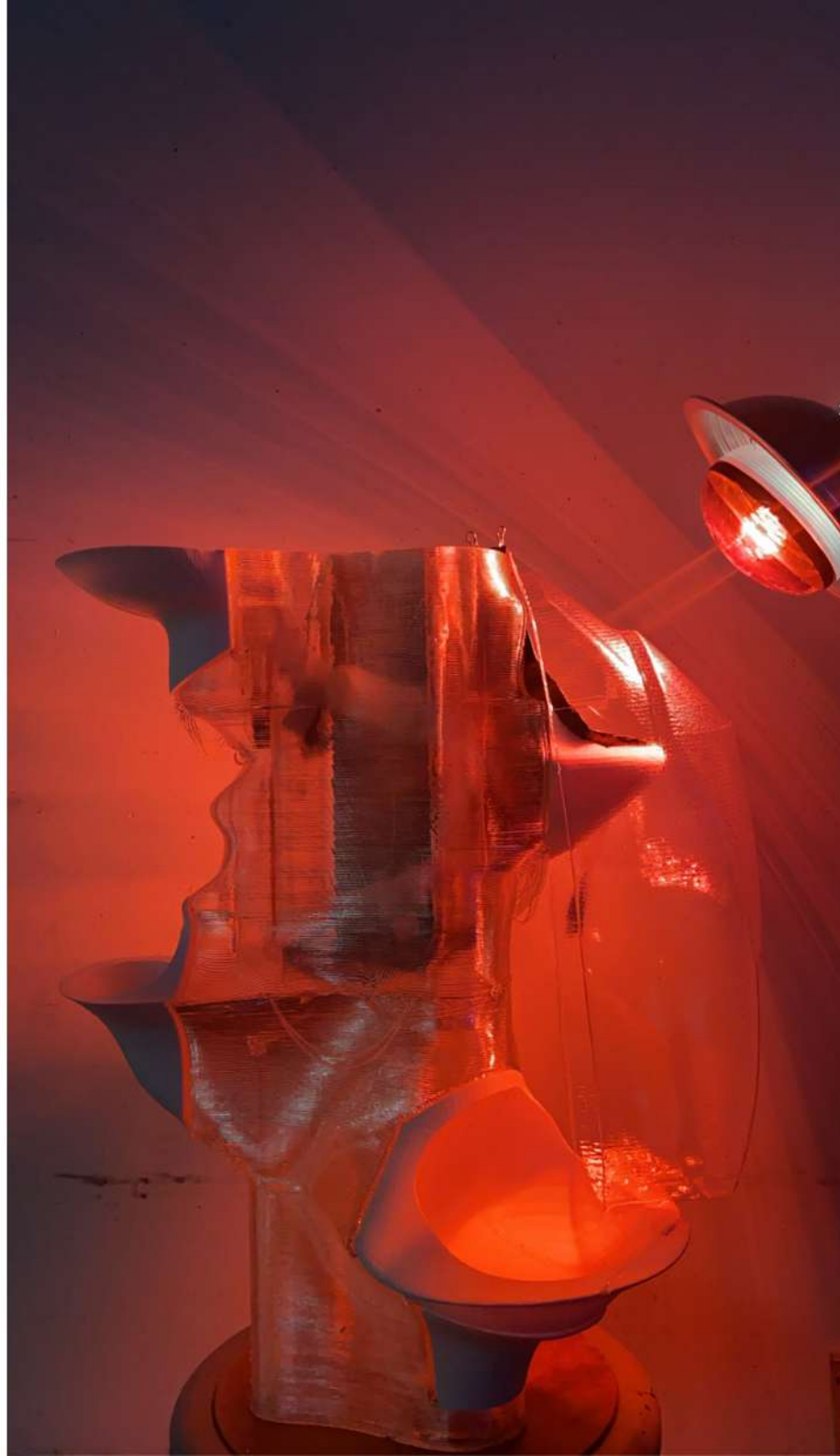
1. Water level sensor
2. Salinity sensor



PROTOTYPE, SYSTEM DIAGRAM

Small scale desalinization module





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