



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with “A” grade by NAAC | 12B Status by UGC | Approved by AICTE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119

www.sathyabama.ac.in

SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
PRACTICAL TRAINING PORTFOLIO (SAR4063)
MAY 2022

Name of the Student : **Sai Teja T N**

Semester : **X**

Reg No. : **37210041**

Batch : **2017-2022**



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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

VIVA-VOCE EXAMINATION

This is to certify that the practical training SAR 4063 is the work of Sai Teja T N who had undergone training in CnT Architects, Bangalore has been monitored by the continuous assessment during December 2021 to MAY 2022.

Dr. Devyani Gangopadhyay
DEAN

Submitted for Viva voce Examination held on 09/05/2022

Internal Examiner

Ar. Deepak Rao

External Examiner



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DECLARATION

I Sai Teja T N hereby declare that the Training Report 1st week of January – 1st week of May done by me under the guidance of Ar Mehul Patel is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE : 09/05/2022

PLACE : Bangalore

A handwritten signature in blue ink, appearing to be 'Sai Teja T N', written over a faint circular stamp.

SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. Devyani Gangopadhyay**, Dean, School of Building and Environment and **Dr. SURESH KUPPUSAMY**, Design Chair, Department of Architecture for having been a constant source of support and encouragement.

I wish to express my thanks to all Teaching and Non-teaching staff members of the Department of who were helpful in many ways for the completion of the project.

I also convey my sincere thanks to **Ar. Prem Chandavarkar** – Managing Partner, **Ar. Mehul Patel** – Principal, **Ar. Chaitanya B.K** and **Ar. Manickavel G.K** – Associates at CnT for showering their knowledge and experience on me. They have been an invaluable source of inspiration and zeal for making my training successful.

My family and friends for all their positive words and actions.

Confirmation letter



9th December 2021

The Dean, School of Building and Environment,
Sathyabama Institute of Science and Technology,
Rajiv Gandhi Salai
Chennai – 600 119

Dear Madam,

Sub:- Professional Training for the Student Trainee

We are pleased to accept Sai Teja T N (37210041), 10th Semester student of your college for professional training at our Firm, CnT Architects for six months from 3rd January 2022.

Yours Sincerely,
For CnT Architects,


Chaitanya B K
Associate



Joining Letter



3rd January 2022

The Dean, School of Building and Environment,
Sathyabama Institute of Science and Technology,
Rajiv Gandhi Salai
Chennai – 600 119

Dear Madam,

Sub:- Joining Report of the Student Trainee

This is to certify that Sai Teja T N (37210041), 10th Semester student of your College has joined CnT Architects for professional training on 3rd January 2022.

Sai Teja will be here till 30th April 2022.

Yours Sincerely,
For CnT Architects,

A handwritten signature in black ink, appearing to read 'Chaitanya B K', is written over a light blue circular stamp.

Chaitanya B K
Associate



Monthly Report



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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

- Name of the office / organization : CRT Architects
- Address & Contact Number : No.7 palace cross road, Bengaluru, 560 233/41002
- Name of the student : SAI TEJA
- Duration : From 5th Jan 2022 To 31st Jan 2022
- Total No. of days : 16 working days | 15 days present | 1 day absent.

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture		✓			
Participation in the office		✓			
Reading of drawings		✓			
Presentation Techniques			✓		
Model making works					—
Understanding of construction details		✓			
Drafting Skills (Manual / Computer)		✓			
Site Supervision / Discussion with clients					—
Adherence to Time schedule		✓			
Other computer skills		✓			
File and Office Maintenance					—
Coordination with other consultants					—
Overall Grading*	<u>B</u>				

(A – 9.0, B – 8.0, C – 7.0, D – 6.0, E – 5.0)

- Any other Remarks : Have to improve on the general understanding of construction.

8. Signature of the: Head of the Organization

Handwritten signature



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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

- Name of the office / organization : CRT Architects
- Address & Contact Number : No.7 palace cross road, Bengaluru, 560-233/41002
- Name of the student : Sai Teja
- Duration : From 01 Feb 2022 To 28 Feb 2022
- Total No. of days : 20 working days / 19 days present.

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture			✓		
Participation in the office				✓	
Reading of drawings		✓			
Presentation Techniques			✓		
Model making works				✓	
Understanding of construction details					—
Drafting Skills (Manual / Computer)			✓		
Site Supervision / Discussion with clients					—
Adherence to Time schedule			✓		
Other computer skills			✓		
File and Office Maintenance					—
Coordination with other consultants					—
Overall Grading*	<u>C</u>				

(A – 9.0, B – 8.0, C – 7.0, D – 6.0, E – 5.0)

- Any other Remarks : —

8. Signature of the: Head of the Organization

Handwritten signature



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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : CRT Architects
2. Address & Contact Number : No.7, palace cross road, Bangalore. 080-23341002
3. Name of the student : Sai Teja
4. Duration : From 01 May 2022 To 31 May 2022
5. Total No. of days : 23 working days / 21 days present.

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture			✓		
Participation in the office			✓		
Reading of drawings			✓		
Presentation Techniques			✓		
Model making works			✓		
Understanding of construction details			✓		
Drafting Skills (Manual / Computer)					—
Site Supervision / Discussion with clients					—
Adherence to Time schedule			✓		
Other computer skills			✓		
File and Office Maintenance					—
Coordination with other consultants					—
Overall Grading*	C				

(A-9.0, B-8.0, C-7.0, D-6.0, E-5.0)

7. Any other Remarks : —

8. Signature of the: Head of the Organization






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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : CRT Architects
2. Address & Contact Number : No.7 palace cross road Bangalore, 080 23341002
3. Name of the student : Sai Teja
4. Duration : From 01 May 2022 To 06 May 2022
5. Total No. of days : 05 working days / 05 days Present.

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture		✓			
Participation in the office		✓			
Reading of drawings			✓		
Presentation Techniques		✓			
Model making works					—
Understanding of construction details				✓	
Drafting Skills (Manual / Computer)	✓				
Site Supervision / Discussion with clients					—
Adherence to Time schedule		✓			
Other computer skills		✓			
File and Office Maintenance			✓		
Coordination with other consultants					—
Overall Grading*	B				

(A-9.0, B-8.0, C-7.0, D-6.0, E-5.0)

7. Any other Remarks : —

8. Signature of the: Head of the Organization 





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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : CNT Architects
2. Address & Contact Number : No.7 Palace cross road, Bengaluru. 080-23391002
3. Name of the student : Sai Raja
4. Duration : From 01 Apr 2022 To 30 Apr 2022
5. Total No. of days : 20 working days / 16 days present.

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture		✓			
Participation in the office		✓			
Reading of drawings			✓		
Presentation Techniques		✓			
Model making works					—
Understanding of construction details				✓	
Drafting Skills (Manual / Computer)	✓				
Site Supervision / Discussion with clients					—
Adherence to Time schedule		✓			
Other computer skills		✓			
File and Office Maintenance			✓		
Coordination with other consultants					—
Overall Grading*	B				

(A – 9.0, B – 8.0, C – 7.0, D – 6.0, E – 5.0)

7. Any other Remarks : —

8. Signature of the: Head of the Organization

B. Chaitanya



WORK DIARY

WEEKS	PROJECT NAME	WORK DONE
1	SGB, MSR	Parking, Column Guard Layout, Elevation , Renders
2	SGB	Renders, Correction of floor plans
3	BCPL, SGB	Schematic Design and Renders
4	SGB, LWHE, SCPV	Presentation, Laser Drawing, Toilet Detailing
5	SCPV, SGB, MSR	Toilet Detailing, Flooring Layouts, Presentations
6	SGB, MSR	Floor layouts, GFC Drawings, Detailing
7	MSR, SGB	Pavement and Driveway Design, Sections, Kitchen Scheme, Furniture Detailing
8	MSR, LWHE	Canopy and Glazing Detailing, Scheme for Site Plan
9	MSR, SGB	Toilet Interior Design, Laser Drawings
10	SGB	Physical Model
11	SGB	Physical Model
12	COAC	Competition work – Scheme, Site planning, Floor plans
13	COAC	Competition work – Design, Floor plans, Modeling
14	COAC, STLB	Competition work – Presentation, Elevations, Sections
15	STLB	Sections, Window Details
16	STLB	Sections, False Ceiling Detailing, Openings Details

Navick

(SGB – Science Gallery Bengaluru, MSR – MS Ramiah Tech Park, BCPL – Baashyam Kaarapakam, LWHE – Living Walls Hennur, SCPV – Science Center Vijayapura, COAC – Center of Excellence Bengaluru, STLB – St Johns Laboratory)

Chief Architect Signature:

Office seal:



B. Chaitanya

Consolidated Certificate



Ref: 99 / 22
May 05, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Sai Teja T N (37210041), 10th Semester student of School of Building and Environment, Sathyabama Institute of Science and Technology, Chennai has served as an intern at CnT Architects, Bangalore from 3rd January 2022 till 30th April 2022.

During this period Sai Teja worked on the following projects:

1. Science Gallery Bengaluru
2. MSR Tech Park, Corporate Office, Bangalore
3. St. John's Hospitals Labs Extension, Bangalore
4. Council of Architecture - Competition
5. Science Centre Vijayapura
6. Living Walls – Residential Development, Bangalore

We found Sai Teja to be good, receptive, hard working and is committed to tasks entrusted to him. His sincere involvement in various projects is much appreciated. He fits in well to form part of a team and gets on well with the other members of the staff.

We wish him the very best in his future endeavours.

For CnT Architects,

B K Chaitanya
Associate
CA/2011/53542



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1.1 GENERAL

Internship under a licensed architect is a mandatory requirement for receiving a professional degree in architecture from a university in India. Few dream of getting into their comfortable firms, few try in getting into firms that match their spark, energy, and inspirations.

CnT was one such firm that I was always looking forward to try applying for. I found incredible sensitivity over their architecture theory approach, actively involving practical participation forming the basis for highly sustainable thinking. Their projects show a deep concern for the relationship between human senses, nature, and geometry which I strongly believe in. It has taught me to appreciate and understand creativity and architecture, still holding the values of the context intact. Being a part of such a studio, it draws parallels to life, a studio that directly molds a student and making him recognize the inner meaning of architecture. With this wider perspective of thought process, as an architecture student, I was very confident that if I get an opportunity to be a part of this intellectually stimulating environment, my perspective on architecture will be put to optimal use.



1.2 ABOUT

"Every human being has an intrinsic spirit that is intuitively drawn toward value and beauty. We seek connection to this spirit by bringing our passion for architecture into collaboration with all whom we work with in order to co-create projects that **enrich life through architecture**. For this, we envision our practice as one that does not revolve around personalities, but is a reflective place - a place to which the door is always open."

- **Prem Chandavarkar**

Managing Partner

FIRM HISTORY

CnT Architects (earlier known as Chandavarkar & Thacker Architects Pvt Ltd.) traces its roots back to being **Bangalore's first architectural firm** with its practice founded by the late Mr. Narayan Chandavarkar in 1947. It was reorganized under Chandavarkar & Thacker Architects Pvt. Ltd. in 1963 by Mrs. Tara Chandavarkar and the late Mr. Pesi Thacker. The firm is currently run by Prem Chandavarkar and Mehul Patel. Through its various generations, CnT has retained a value system that focuses on high-quality design, ethical practice and a working philosophy based on courtesy consideration and collaboration.

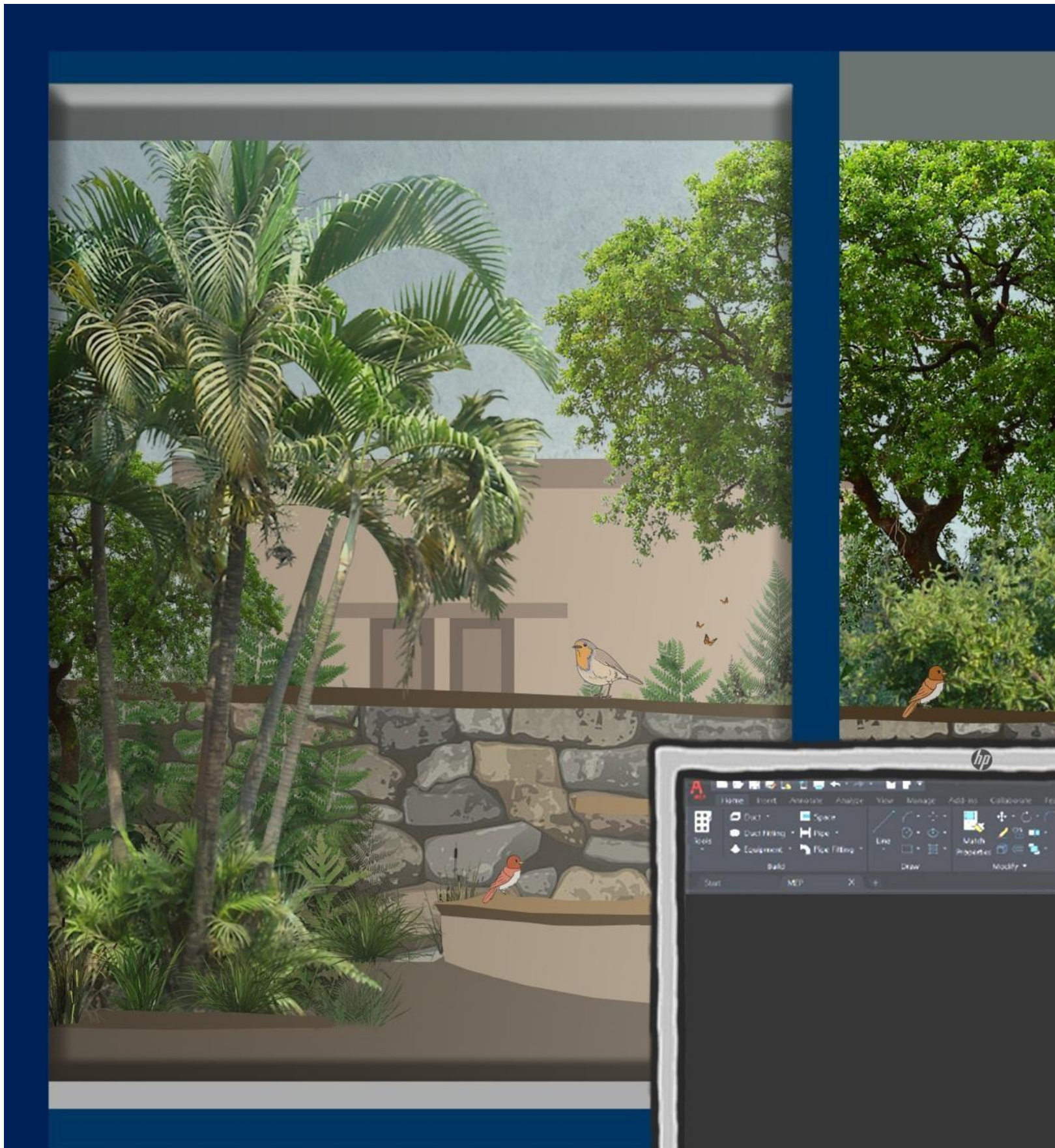
PHILOSOPHY

A Critical Practice: Architecture is not merely a problem solving exercise that resolves functional issues. While functional needs must be met, architecture should transcend function. The firm seeks to construct a practice that uses architecture as a means of reflecting on life. Given the inherent human impulse to always aspire towards higher levels of reality, we seek to develop through our architecture propositions about how to live.

The Aesthetics of Absorption: There is a tendency to judge the aesthetics of architecture from how it strikes the eye. We seek to go beyond an aesthetic of expression and strive for an aesthetic of absorption. Our goal is to construct spatial orders that facilitate a culture of inhabitation.

A Negotiated Practice: If architecture is to be cultural, we must realize that “culture” is not a concept that can be defined, for it does not exist purely in the past. We look at the site, client, project team, consultants and other collaborators as sources of renewal, and examine each project with fresh eyes. Our goal is to utilize this collaborative approach to focus on the value that can design can capture for each specific project.

Building a Site: Buildings do not exist in isolation and are always embedded into contexts, and our designs must work towards building that larger context. The first context one must confront is that of nature. We seek to always maximize the relationship between architecture and landscape, and remain acutely aware of the nature of the sites in which we locate our work. We try to design in a way that responds to climate, wind, topography, vegetation, and the physical and cultural features that surround the site.



People Based
Ideas Driven
Systems Supported
Ethically Uncompromised
Design Differentiated

Training period at **CnT**

1.3 PROJECT 1



Center of Excellence at Bangalore

Client
Council of Architecture

Site Location
Bangalore, Karnataka

Project Status
Competition Entry

List of works done
Scheme
Design & Planning
Development
3d Modeling
Presentation



DESIGN BRIEF:

- To develop the Center of Excellence in Bangalore
- To provide a platform for interaction, training, research, workshops, seminars, projects etc.
- A forum that encourages dialogue among the scholars, academicians, professionals, students and stakeholders.
- A space that encourages curiosity, learning, exchange of ideas, critical thinking for architects and the society that they serve.
- **To sensitize people to Good Design.**
- The building is an opportunity to showcase quality design to the country.

STORY BOARD:

Community | Architecture | Experience

To engage the community through a Public realm. The center of excellence presents itself as a platform for curating the experience and learning. The experience is through the following spaces:

Social Plaza as Public Landscape

The Social Plaza wraps itself around the built, blurring the rigid boundary between the built and unbuilt through a landscape that engages public.

Cafeteria

Cafeteria as an extension to the Public Plaza designed to initiate informal interaction. Evolving Cafeteria into alternative work and study spaces in today's contemporary world.

Knowledge Mine(Library)

The library breaks away from its conventional definition to progress into a Community Hub. Thoughtful curation of spaces to evolve from a realm of storing knowledge to a realm of making knowledge.

Auditorium (The Event Locus)

It is designed to stand as a cultural landmark that is visually memorable and whose presence enriches the city. It forms the central hub that unifies all the floors

The Cutting Edge

To break free from the conventional idea of Museum and provide a platform to study, preserve and exhibit Indian Architecture while celebrating it. Urban think tank and Incubation centre motivates its participants to build new ideas and re-imagine what exists and contribute to the society.

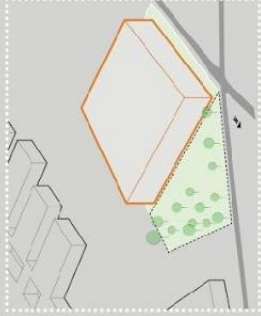
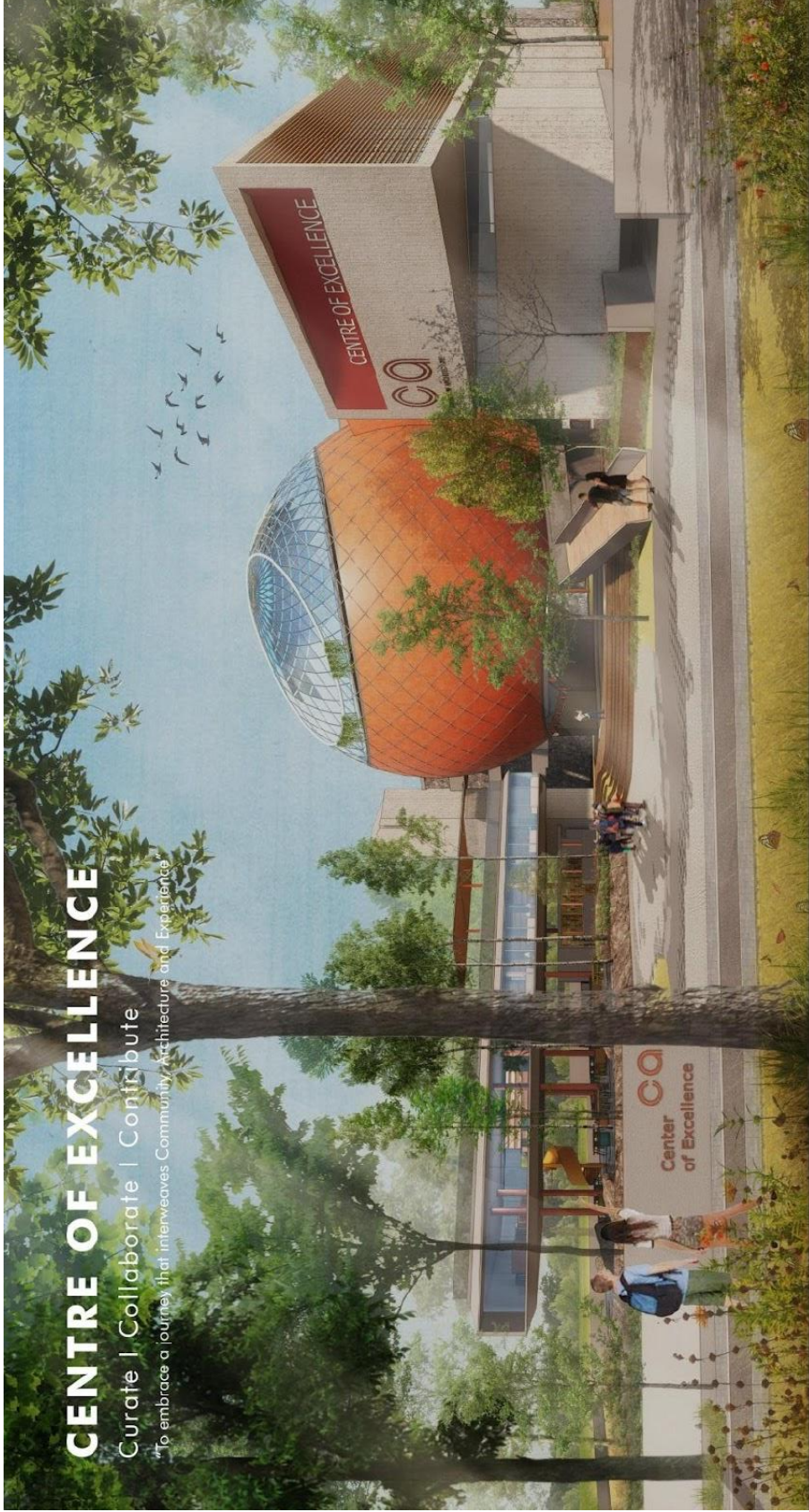
The Core

The centre is enveloped by the Core that hosts training facility, workshops, meeting rooms and support facility on the lower floors while accommodation is positioned at the upper floors overlooking into the campus greens.

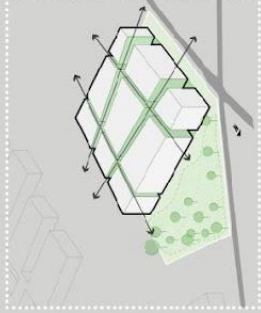
CENTRE OF EXCELLENCE

Curate | Collaborate | Contribute

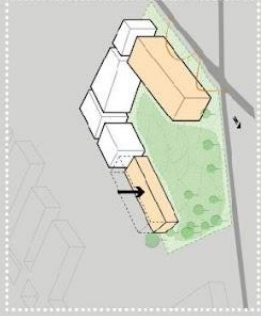
"To embrace a journey that interweaves Community, Architecture and Experience"



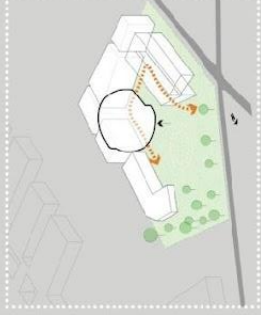
Social Plaza
A large landscape, preserving existing trees, creates a convivial landscape easily accessed from Street, Architecture School and Civil Engineering School



Built Pattern
Framework for an order of built elements and courtyards derived from location of existing trees



Anchors (Social Knowledge)
The Cafeteria (Social Knowledge) opens and looks on to the Social Plaza. The Library (Documented Knowledge) is above the cafeteria overlooking the social plaza. An Exhibition Gallery includes a street facing display



Focus | Buzz
The Auditorium is placed as a sculptural and central focal element, is lifted off the ground creating a sheltered space below for exhibitions, receptions and informal gathering, energising the entire complex. The Auditorium roof forms an Amphitheatre.



Asses
The final order of functions of training, the auditorium wrap, the cutting edge above the gallery, and the incubator.

The Council of Architecture Centre of Excellence is a platform that encourages interaction, learning, curiosity, critical thinking, innovation, and thinking for the future.



The Center of Excellence presents itself as a place for curating experience and learning. The following spaces:

Social Plaza as Public Landscape:
The northern segment of the site has the maximum trees worth preserving, and forms a Social landscape, symbolising architecture's inevitable anchoring in landscape.

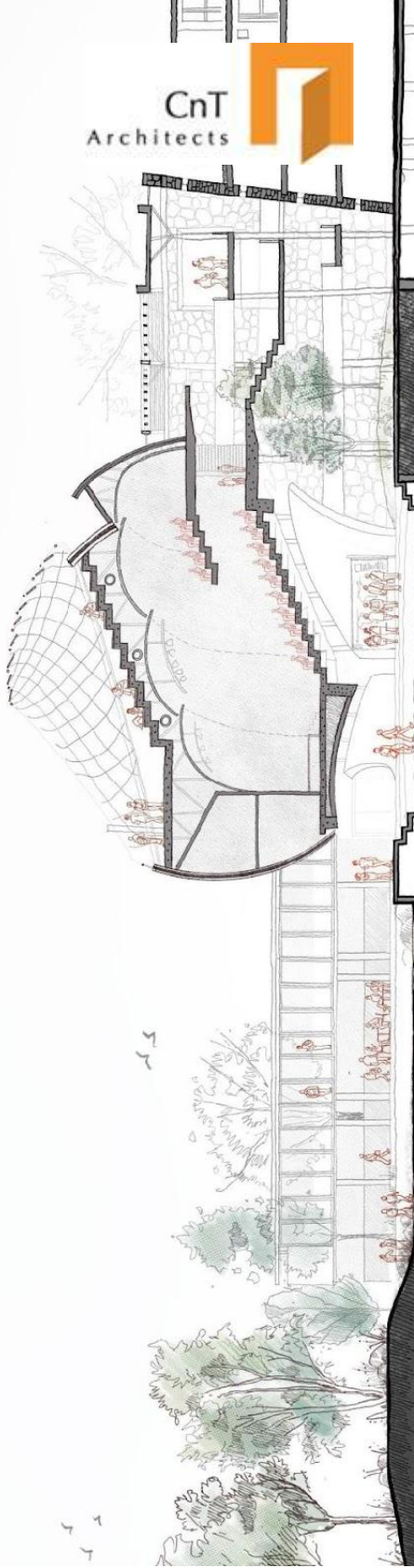
Social Knowledge (Cafeteria):
The Cafeteria acts as an extension to the Social Plaza, catalysing informal interaction and collaboration. Knowledge is never solely abstract and is also social.

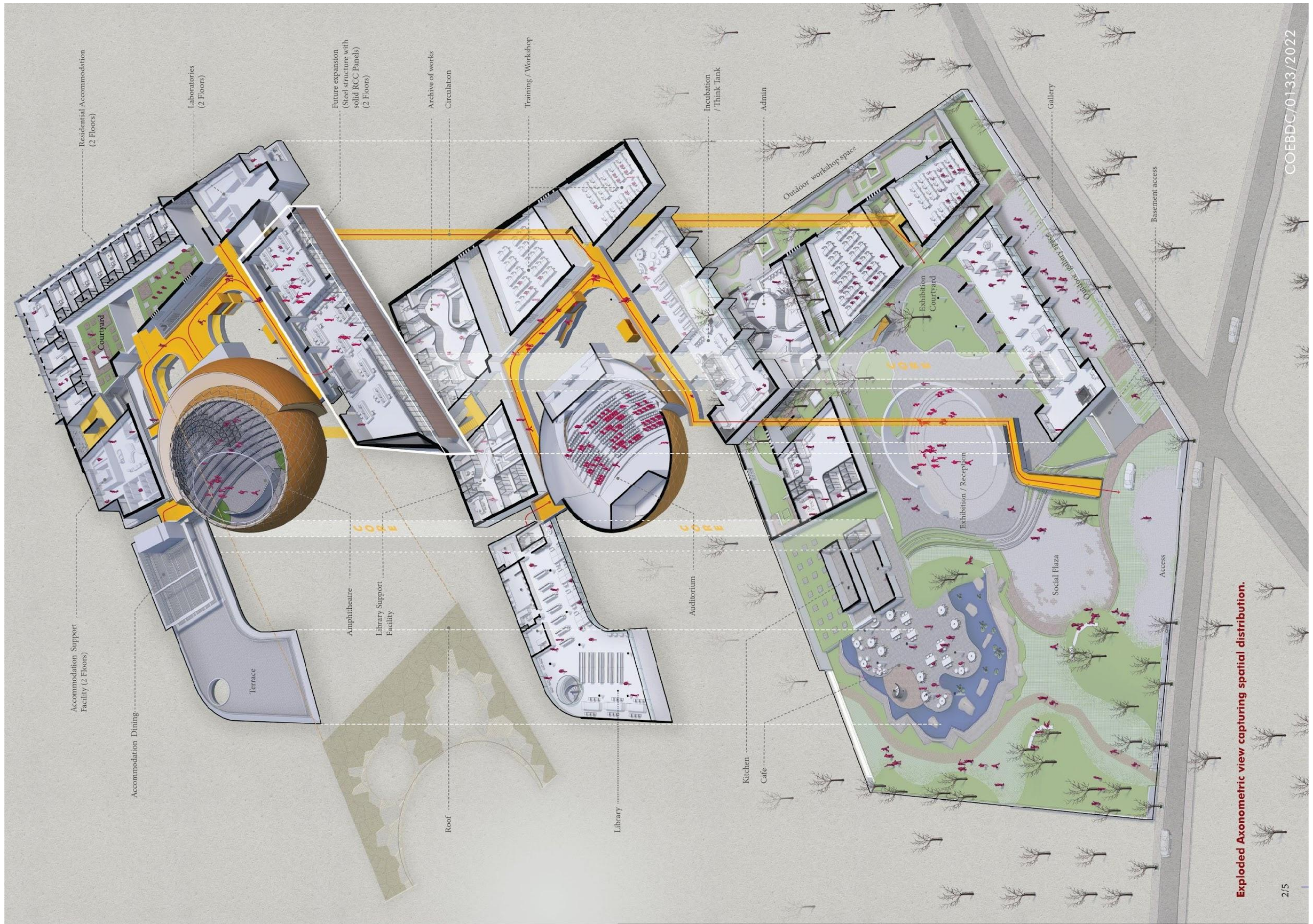
Documented Knowledge (Library):
The Library, above the Cafeteria and overlooking the Social Plaza, breaks away from its conventional form, from a realm of storing knowledge to a realm of making knowledge through informal interaction.

The Event Locus (Auditorium):
The Auditorium, lifted above the ground to create an energetic space below for gathering, forms a sculptural focal element symbolising the innovative spirit of the building.

The Cutting Edge:
The western segment represents 'the cutting edge', with a Gallery of Indian Architecture at its core, celebrating the architecture of India. It could also house visiting international exhibitions, the Gallery houses spaces for incubating new ideas and policies on architecture.

The Core:
The core functions of training, workshops, meeting, and support facilities wrap around the Auditorium to the south and east. Residential Accommodation is on the upper floor, with a spill out on to the terrace.

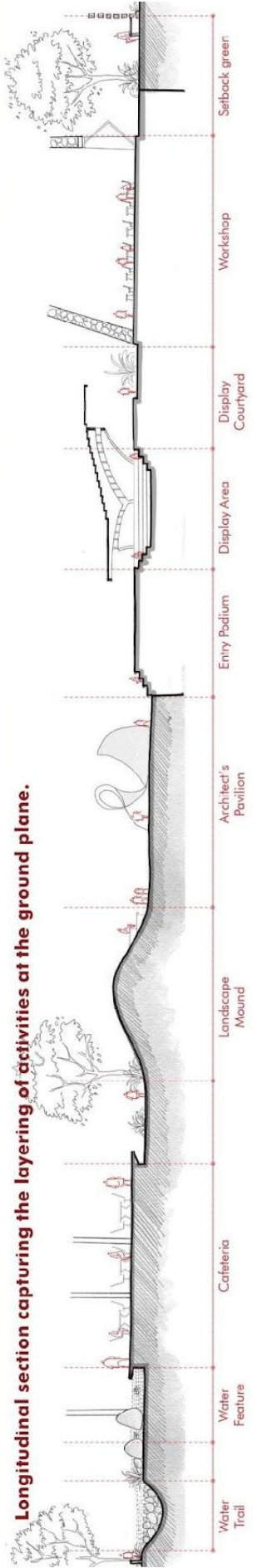




Exploded Axonometric view capturing spatial distribution.

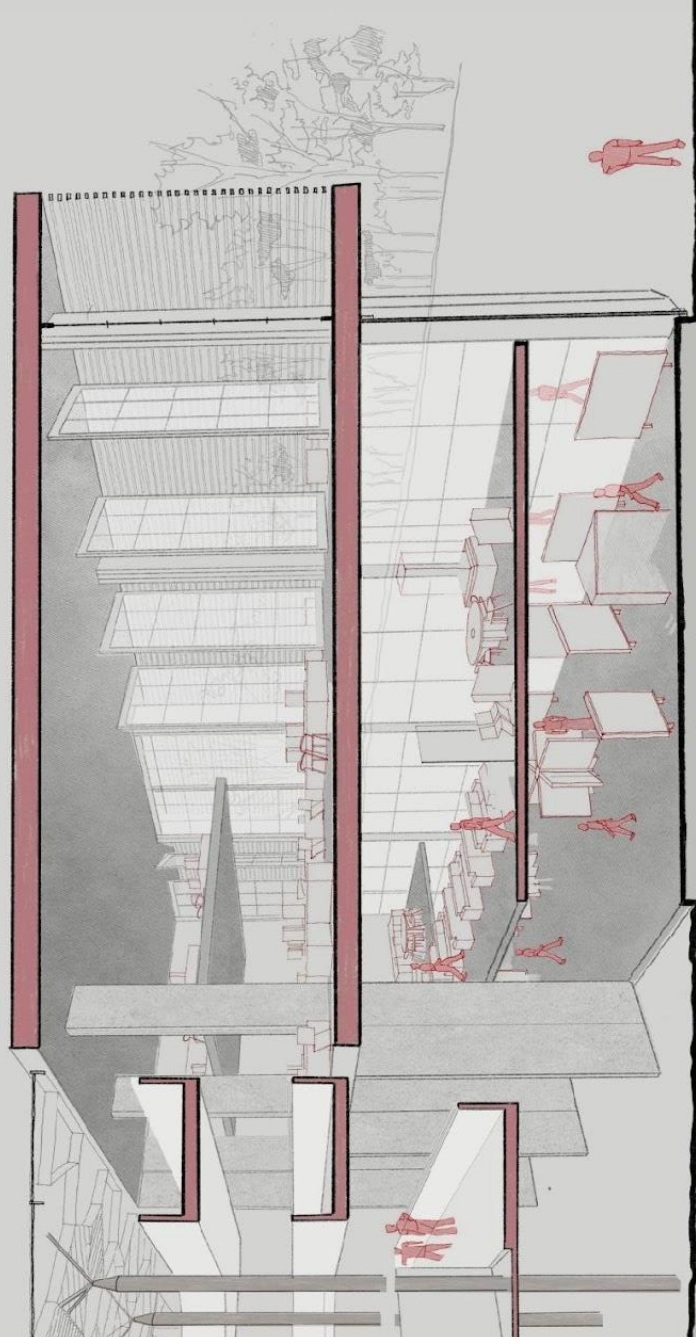


Longitudinal section capturing the layering of activities at the ground plane.





The spaces within open into internal courtyards that host various activities and act as a relief space within the building. They also allow interconnection of spaces that overlook the courtyards



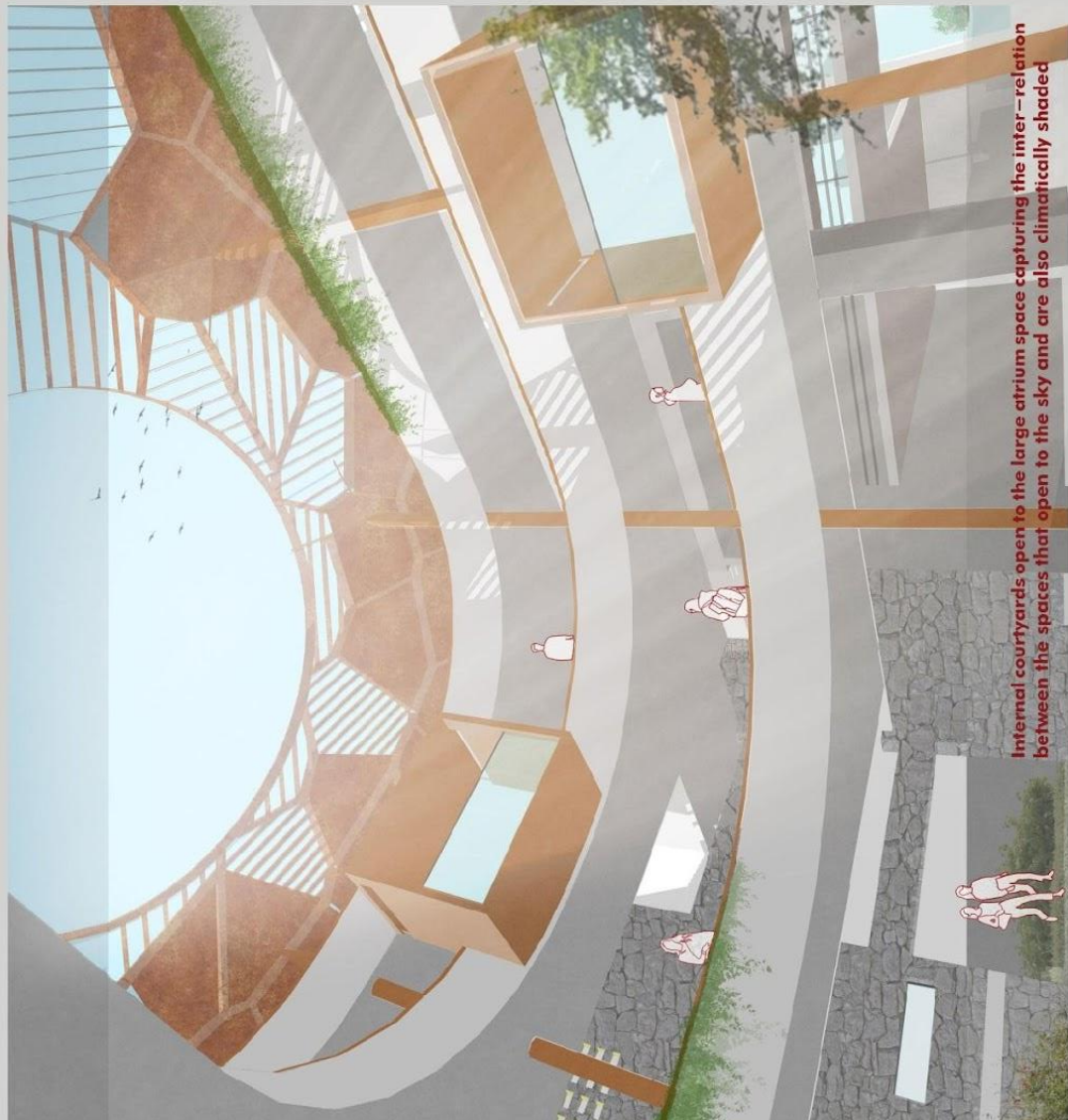
The Gallery opens into the exhibition court on the inside while opening into the outdoor gallery space on the outside, offering a variety of exhibition experiences



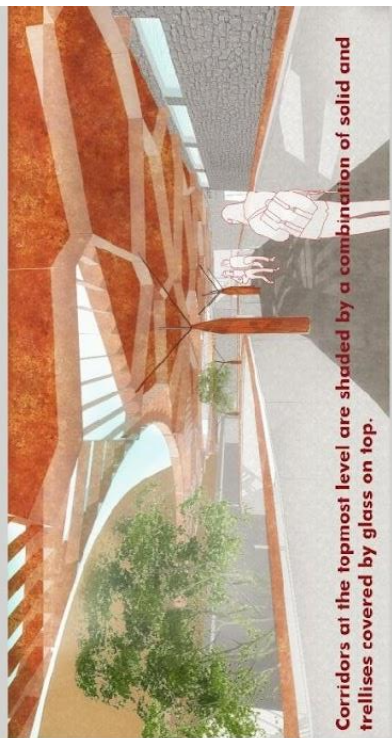
The Auditorium surface is used for projection mapping that energises the Social Plaza and offers an iconic presence to the neighbourhood



View from the west side that highlights the facade with shading devices and deep spaces that open into the setback greens which can be used as spill-out gallery space.



Internal courtyards open to the large atrium space capturing the inter-relation between the spaces that open to the sky and are also climatically shaded



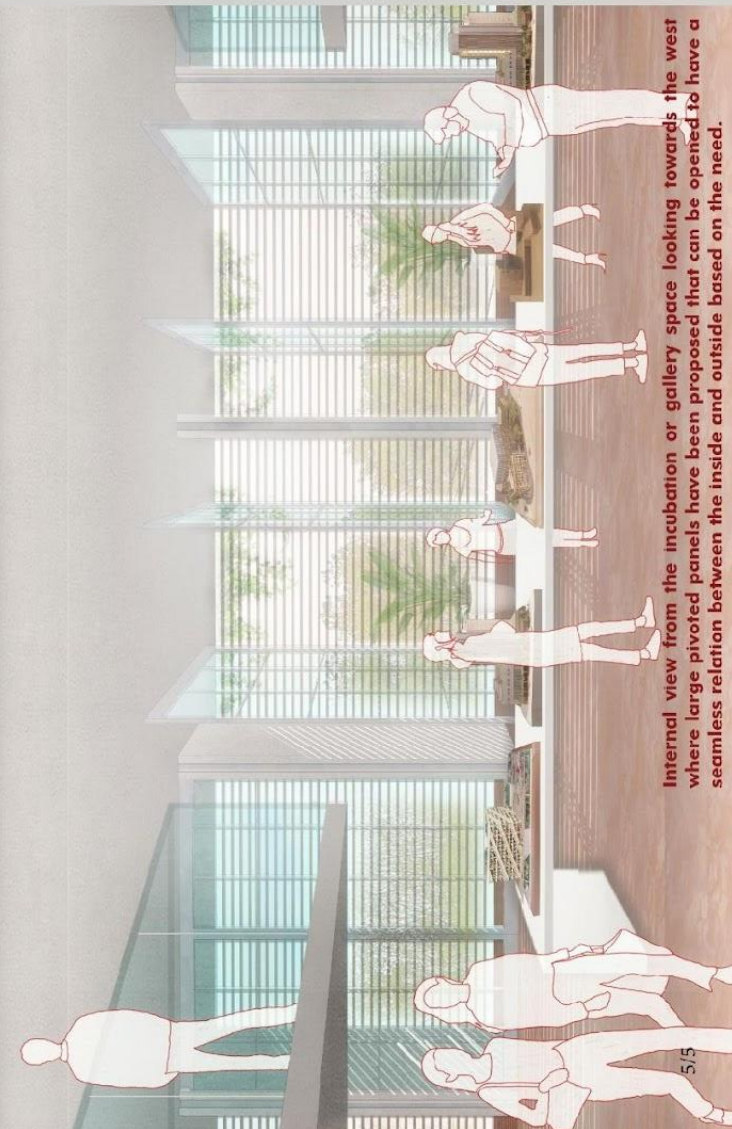
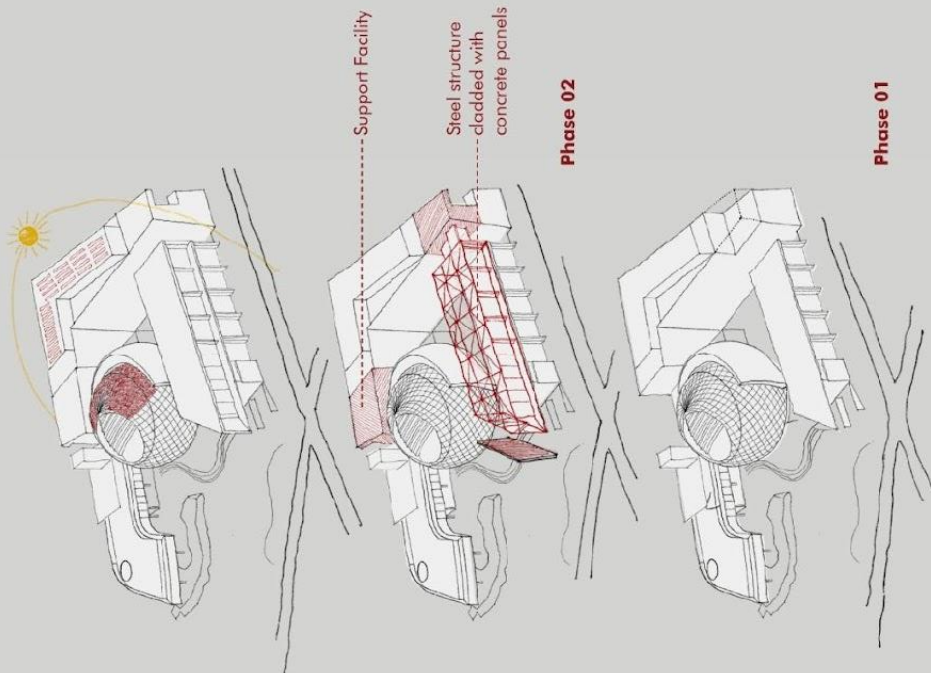
Corridors at the topmost level are shaded by a combination of solid and trellises covered by glass on top.

The massing has been developed considering the climate while relying on **passive techniques for minimal conditioning.**

Solar panels have been distributed on the roof along with an **integrated panel system on the OAT**, doubling as shading device.

The ground area has been maximized with emphasis on the social plaza. The auditorium has been **lifted above the ground to increase green cover.** All the strategies have been **derived from the existing vegetation on site.**

Waterharvesting tanks will be integrated into the basement.



Internal view from the incubation or gallery space looking towards the west where large pivoted panels have been proposed that can be opened to have a seamless relation between the inside and outside based on the need.

1.5 PROJECT 2



Science Gallery at Bangalore

Client

Karnataka Science and Technology
Promotion Society

Site Location

Vijayapura, Karnataka

Project Status

Under Development

List of works done

3d Modeling
Toilet Designing & Detailing
Flooring Layouts
Furniture Detail
Parking Layout
Presentation
Physical Model





LEGEND:

- Entry
- Public Plaza – Drop off
- Pedestrian walkway
- Entry to Parking
- Security check
- Entrance Plaza
- Ticketing/Clock room/Retail
- Gallery entrance
- Triple Height Activity Area
- Gallery 01
- Access to first floor
- Reading room
- A Outdoor deck
- Wet laboratory
- Workshop
- 14a Outdoor Workshop
- 14b Workshop Extension.
- Toilets
- Courtyard
- Theory Lab
- Washrooms for Cafeteria
- Pre-function area for Audi
- Outdoor Cafeteria seating
- Cafeteria
- Food lab
- Kitchen
- Services
- Existing well



Visualization - Sai Teja



Visualization - Sai Teja



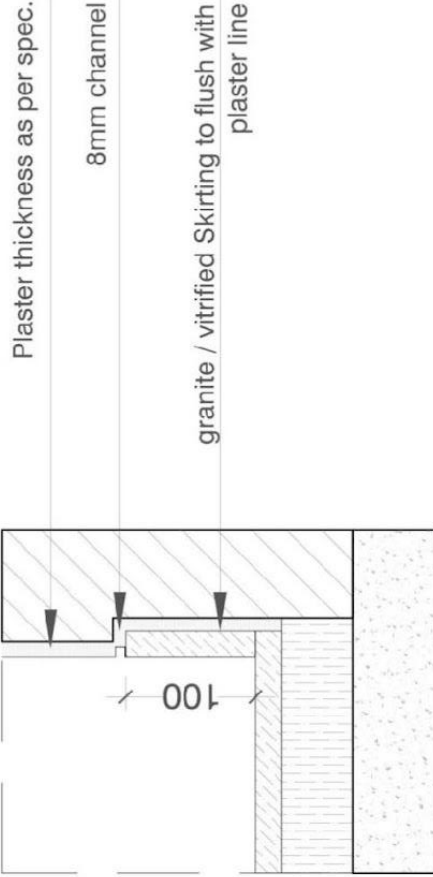
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01 GROUND FLOOR LAYOUT
SCALE 1:250

- FLOORING LEGEND**
- IPS SF - Cement / Screed flooring
 - VT - Vitrified Tile
 - GF 01 - Granite Flooring Antique Finish A
 - GF 02 - Granite Flooring Polished Finish
 - GF 03 - Granite Flooring Combination of GF01, GF02
 - GF 04 - Granite Flooring Antique Finish B
 - CT - Cement Tile Flooring

SKIRTING DETAIL:
- Granite Skirting - Granite skirting 100mm
- Vitrified tile flooring - Vitrified skirting 100mm
- Cement tile flooring - Cement skirting 100mm



02 Granite/vitrified tile skirting detail
SCALE 1:5

CONSULTANTS :

Structural Consultants

ISA Structural Studio

#28/21, 11th cross,
2nd block, Jayanagar, Bangalore - 560 011
T: +91 80 2656 6569 / 2657 4924

MEP Consultants

AEON
Architectural Engineering & Design

AEON INTEGRATED BUILDING
DESIGN CONSULTANTS

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Landscape Consultants

OIKOS

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Specialist Consultants

T2 Consulting

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T: +91 80

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Enrich Life through Architecture

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www.cnt.co.in

CLIENT :

SCIENCE GALLERY

BENGALURU,
Section - 8 Company, c/o Karnataka Science
and Technology Promotion Society,
#24/2, 3rd Floor, 21st Main Road,
Banashankari 2nd Stage,
Bangalore - 560070

PROJECT :
SCIENCE GALLERY
BENGALURU

IVRI CAMPUS
NEAR MEKRI CIRCLE,
BENGALURU - 560 024

PROJECT NO: - 1609

DRAWN BY: SAI TEJA T N

CHECKED BY: KUSUMA
SIGNATURE | SEAL



TITLE :
FLOORING
LAYOUT

REVISIONS :

NO.	DATE	DESCRIPTION

SIGN OFF DRAWING

SGE2	AR	SD	1:5	R1

DATE 14 FEB 2022

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Specialist Consultants
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PROJECT :

**SCIENCE GALLERY
BENGALURU**

INRI CAMPUS,
NEAR MEKRI CIRCLE,
BENGALURU - 560 024.

PROJECT NO.: 1609
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TITLE :

**FLOORING
LAYOUT**

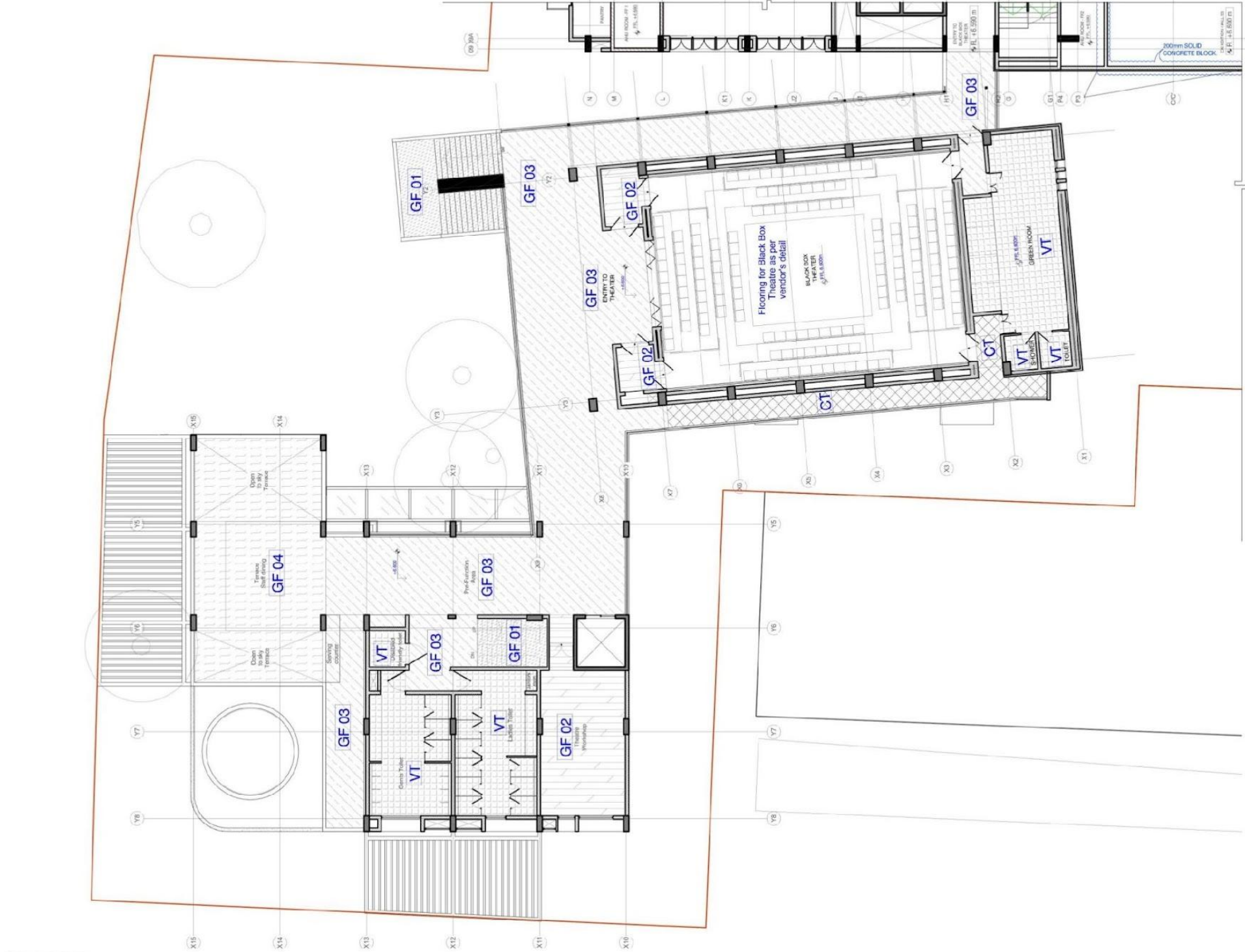
REVISIONS :

NO.	DATE	DESCRIPTION

SIGN OFF DRAWING

SGB2	AR	SD	116	R1
DATE 14 FEB 2022				

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01 FIRST FLOOR LAYOUT
SCALE 1:250

FLOORING LEGEND

- IPS S/- - Cement / Screed flooring
- VT - Vitrified Tile
- GF 01 - Flooring Antique Finish A
- GF 02 - Flooring Polished Finish
- GF 03 - Flooring Combination of GF01, GF02
- GF 04 - Flooring Antique Finish B
- CT - Cement Tile Flooring

SKIRTING DETAIL :

- Granite flooring - Granite skirting 100mm
- Vitrified tile flooring - Vitrified skirting 100mm
- Cement tile flooring - Cement skirting 100mm

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NEW DELHI - 1100
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OIKOS

Specialist Consultants
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Banashankari 2nd Stage
Bengaluru - 560070

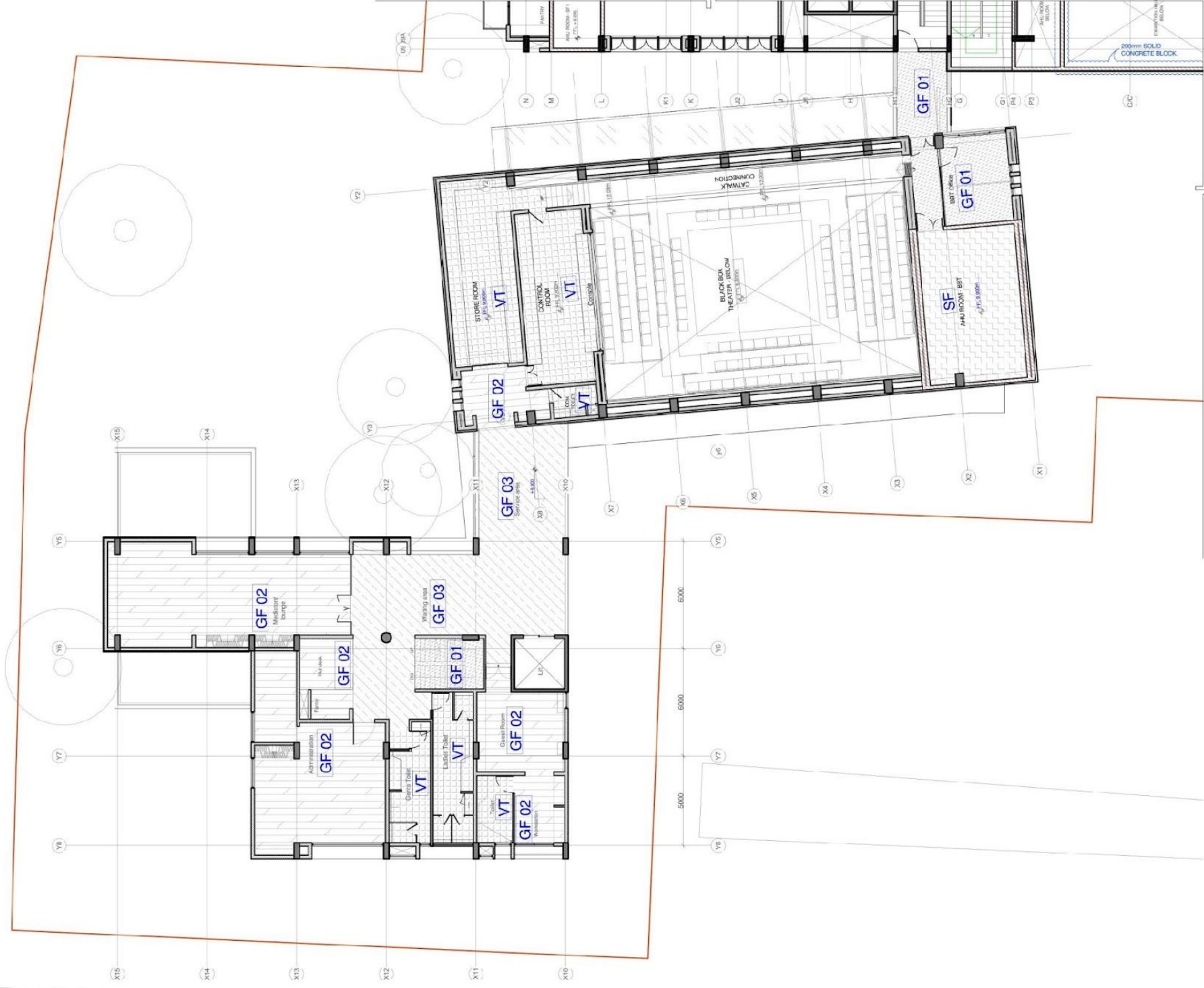
REVISIONS :

[illegible]

SGE2	AR	SD	116	R1
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14 FEB 2022

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01



IPS SF -
Cement / Screed flooring

GF 01-

GF 02 -
Granite Flooring

GF03 - Granite Flooring

GF04 - Granite Flooring

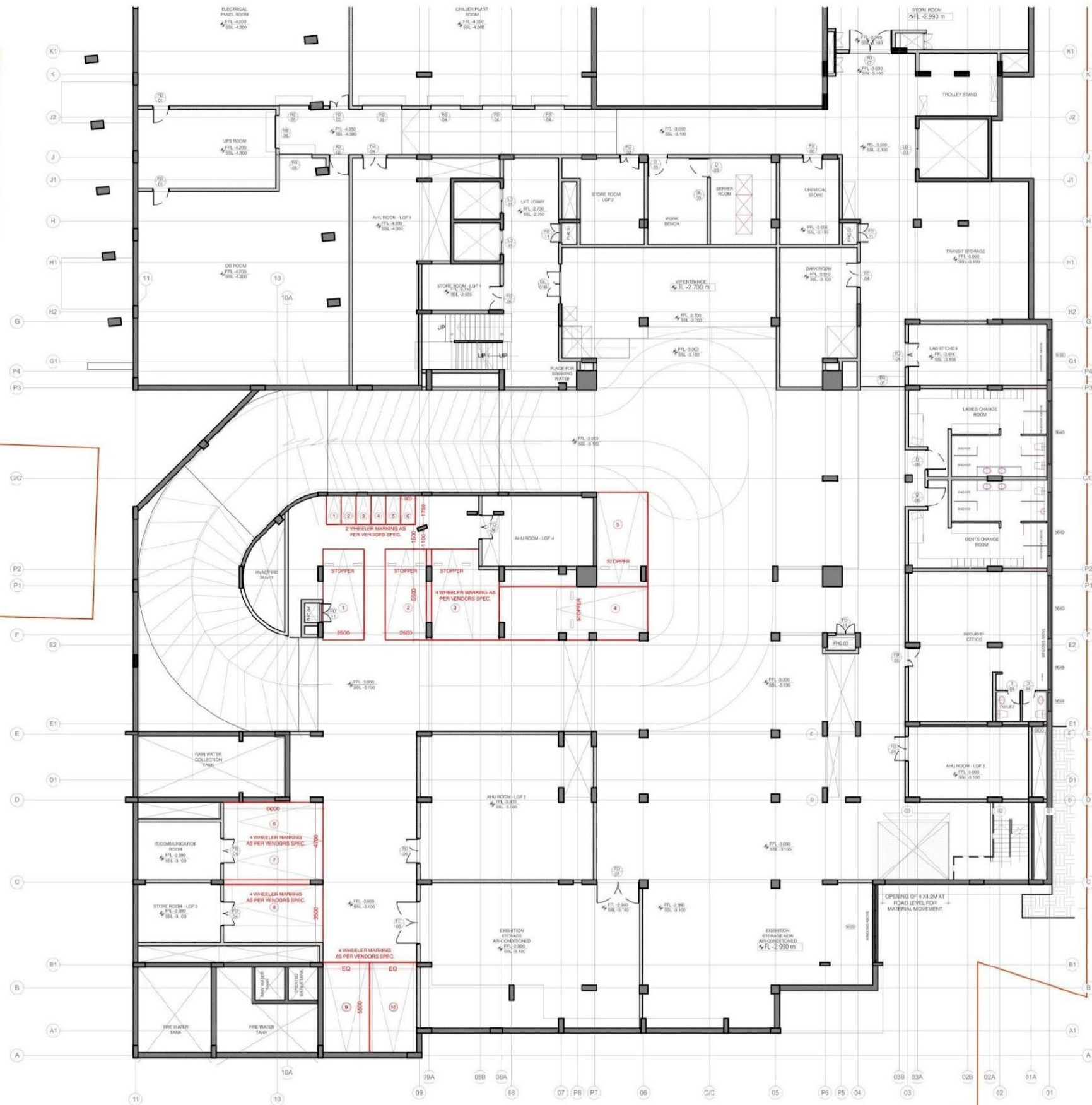


Cement Tile
Flooring

- Granite flooring - Granite skirting 100mm
- Vitrified tile flooring - Vitrified skirting 100mm
- Cement tile flooring - Cement skirting 100mm



02 LOWER GROUND FLOOR PLAN
SCALE: 1:250



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NOTE :
NO OF 4 WHEELER = 46NO
NO OF 2 WHEELER = 35NO

ARCHITECT :



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CLIENT :

SCIENCE GALLERY BENAGLURU

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Science and Technology Promotion Society,
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Banashankari 2nd Stage,
Bangalore - 560070

PROJECT :

SCIENCE GALLERY
BENGALURU

IVRI CAMPUS,
NEAR MEKRI CIRCLE,
BENGALURU - 560 024



PROJECT NO.: 1609

DRAWN BY: SAI TEJA T N

CHECKED BY: KUSUM ARCHITECTS

SIGNATURE :



TITLE :

CAR PARKING
DETAIL

REVISIONS :

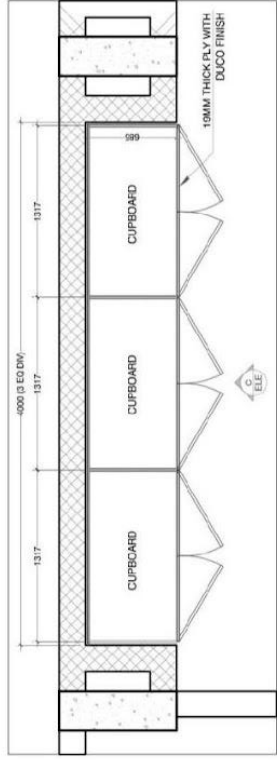
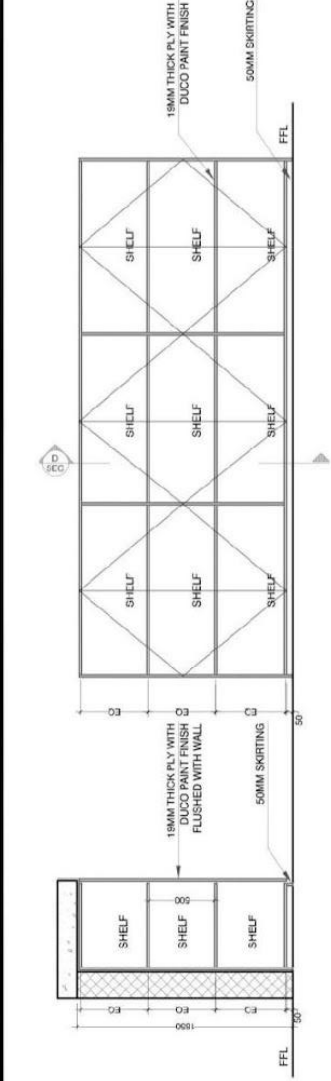
NO. DATE DESCRIPTION

GOOD FOR CONSTRUCTION

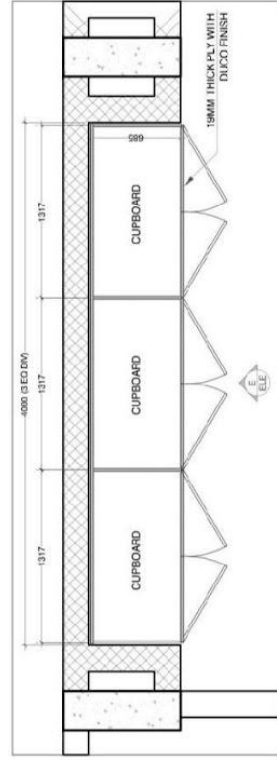
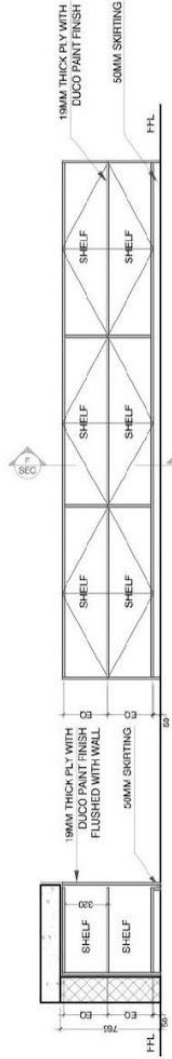
SGB1 AR WD 814 R0

DATE 10 JAN 2022

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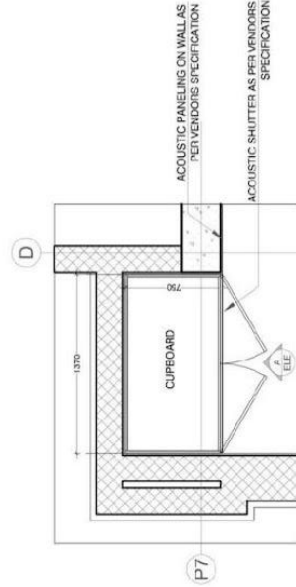
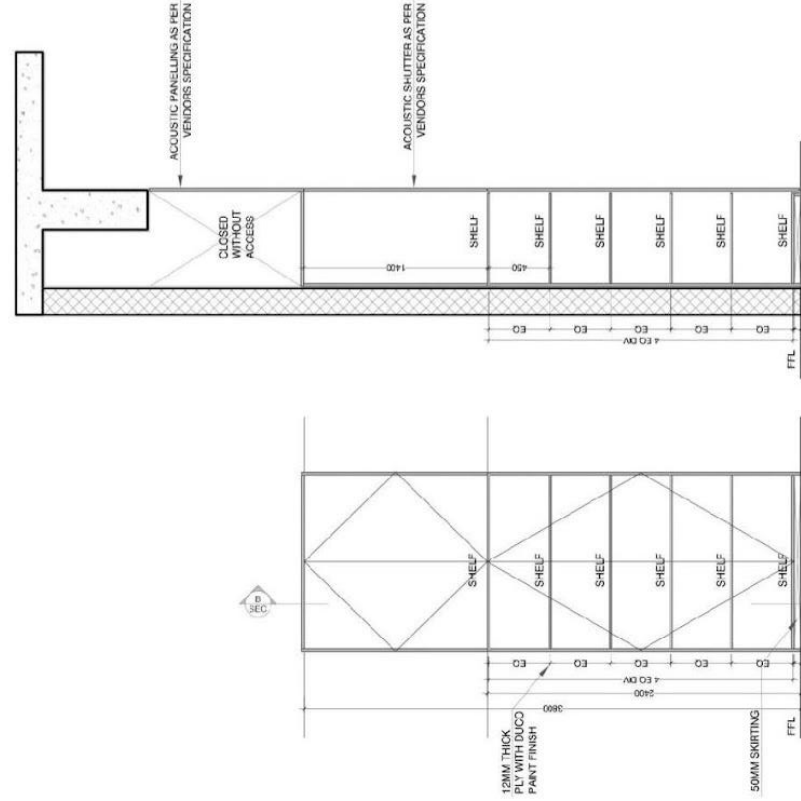
01 THEORY LAB PLAN
SCALE 1 : 20



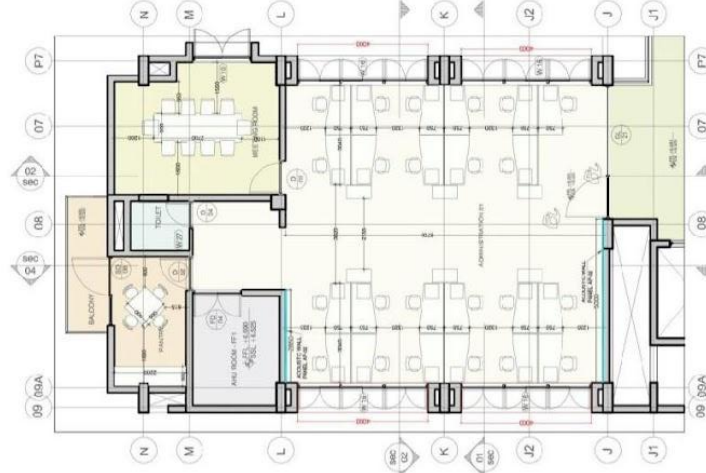
02 SECOND & FIRST FLOOR ADMIN DETAIL
SCALE 1 : 20



Theory Lab Plan



03 EXHIBITION HALL 2 DETAIL
SCALE 1 : 20



Administration Plan

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ARCHITECT :



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Bangalore - 560070

**PROJECT :
SCIENCE GALLERY
BENGALURU**

NR1 CAMPUS,
NEAR MEKRI CIRCLE,
BENGALURU - 560 024



PROJECT NO: 1909

DRAWN BY: SAI TEJA

CHECKED BY: KUSUM

SIGNATURE | SEAL:



**TITLE:
STORAGE CABINET
DETAIL**

REVISIONS :

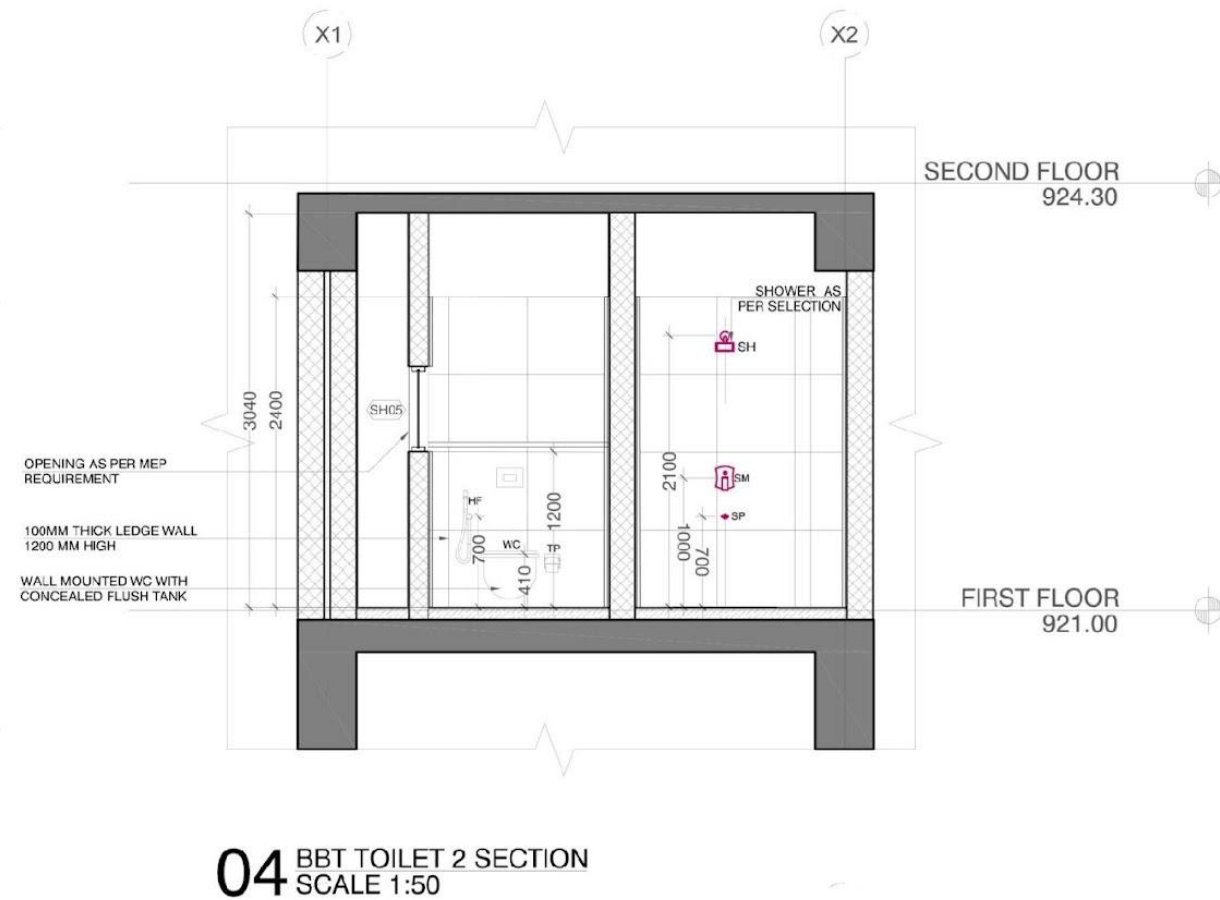
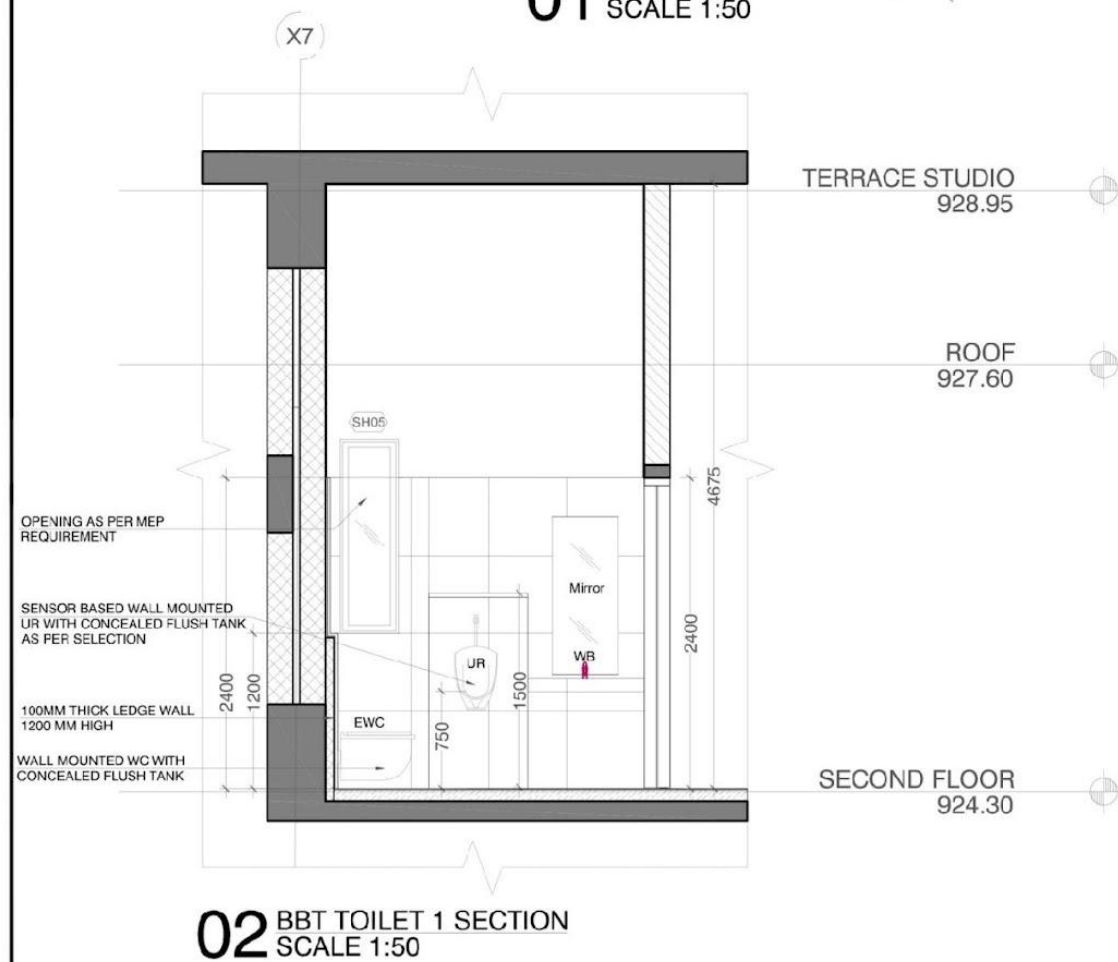
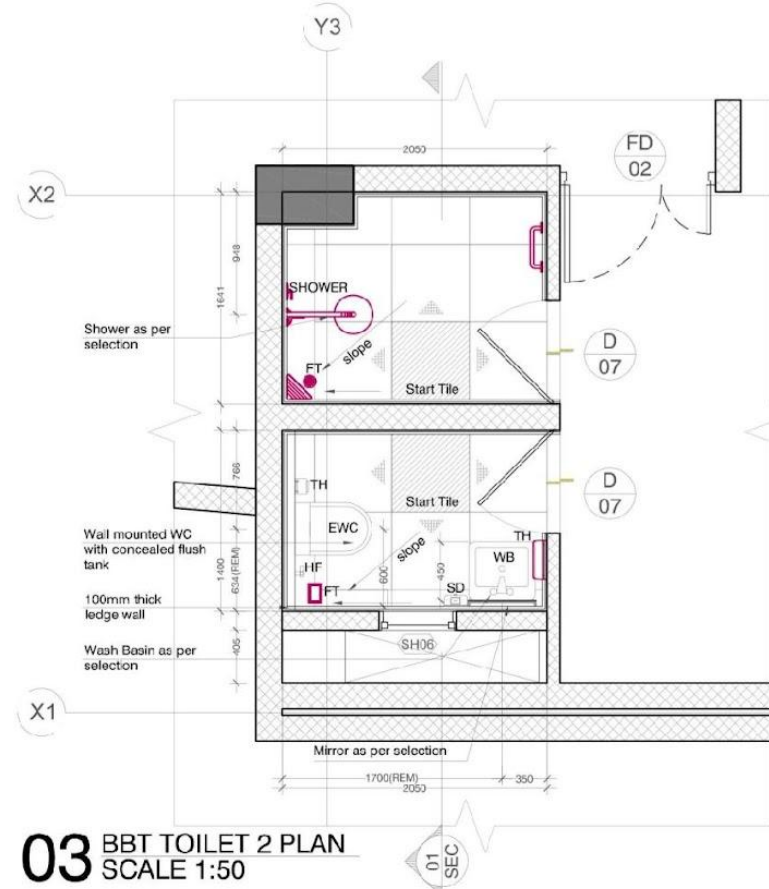
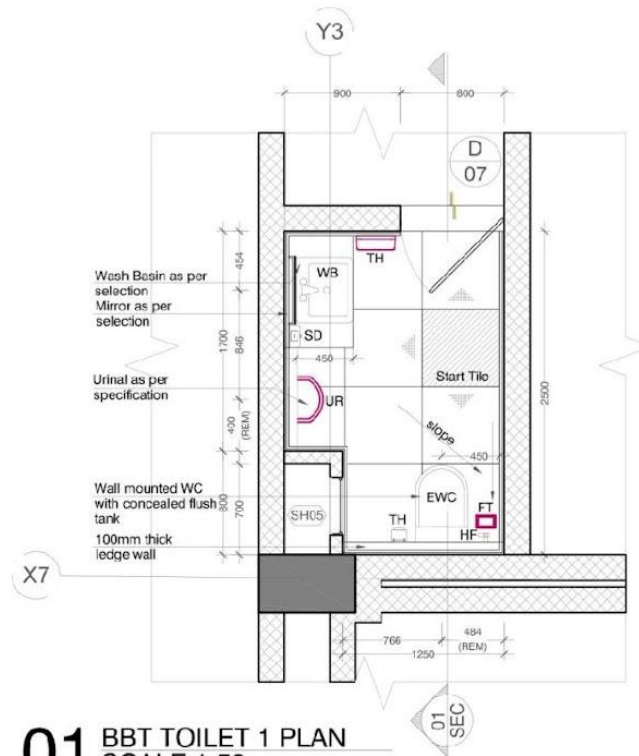
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TENDER DRAWING

SGR2	AR	SU	116	R1

DATE 25 FEB 2022

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CLIENT :

SCIENCE GALLERY BENGALURU

Section - 8 Company, c/o Karnataka
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Banashankari 2nd Stage,
Bangalore - 560070

PROJECT :

SCIENCE GALLERY BENGALURU

IVRI CAMPUS,
NEAR MEKRI CIRCLE,
BENGALURU - 560 024

PROJECT NO.: 1609

DRAWN BY: SAI TEJA T N

CHECKED BY: KUSUM

SIGNATURE :



TITLE :

BBT TOILET DETAIL

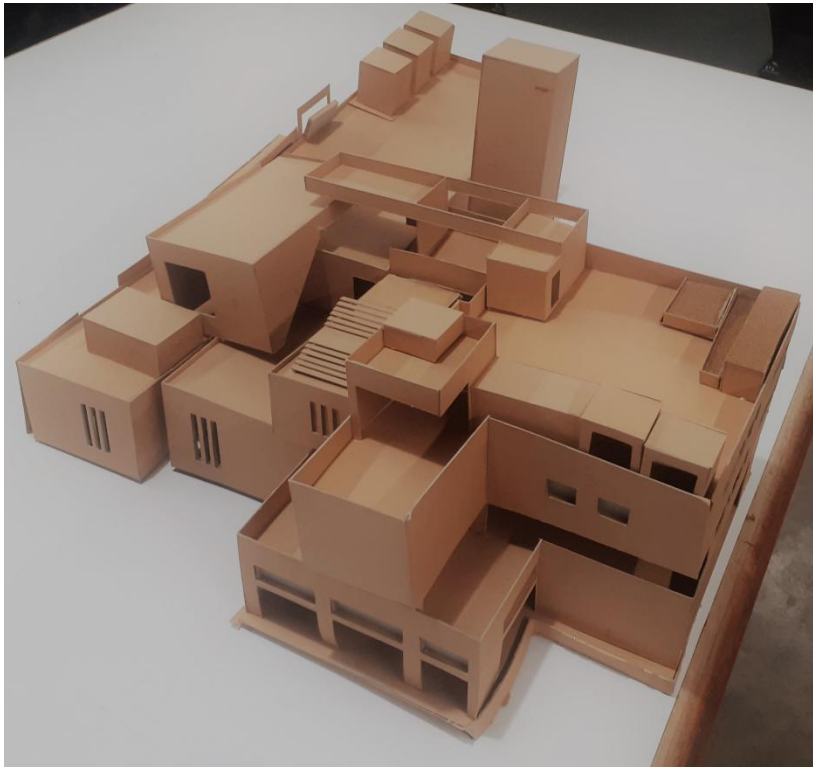
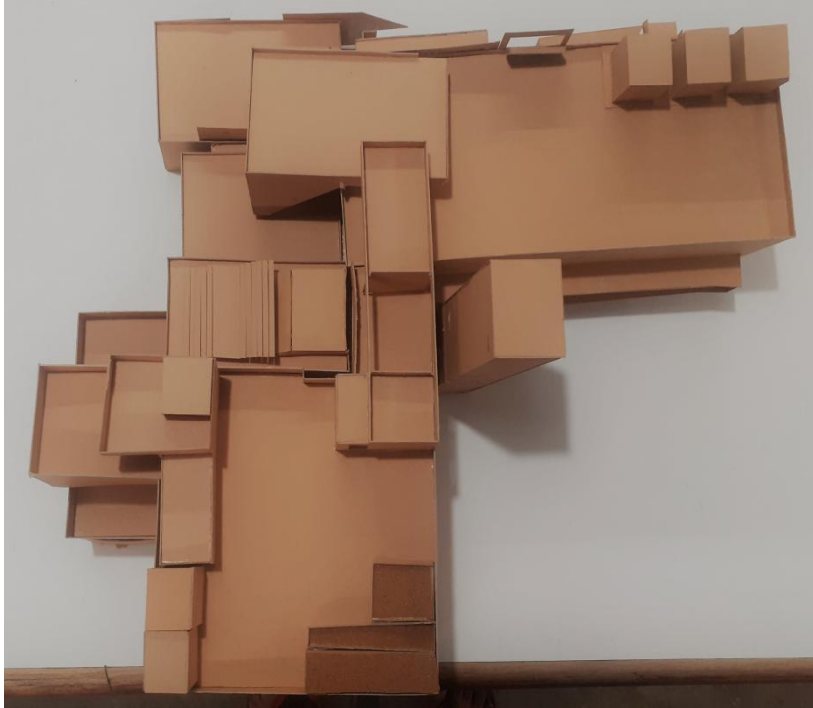
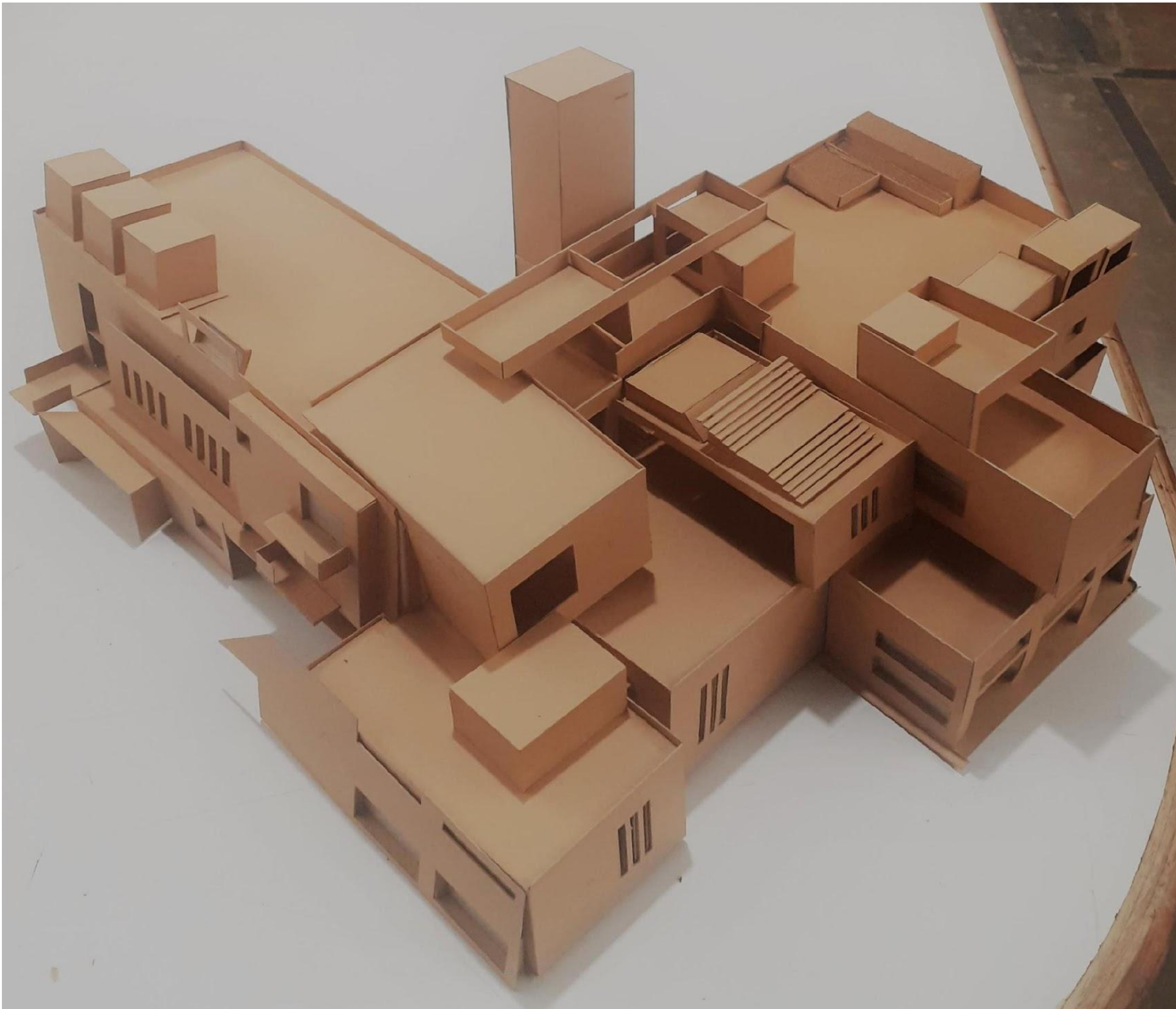
REVISIONS :

NO.	DATE	DESCRIPTION

GOOD FOR CONSTRUCTION

SGB2	AR	SD	117	RO

DATE 23 FEB 2022



Physical Model - Sai Teja



1.7 PROJECT 3



Science Centre and Planetarium

at
Vijayapura

Client

Karnataka Science and Technology
Promotion Society

Site Location

Vijayapura, Karnataka

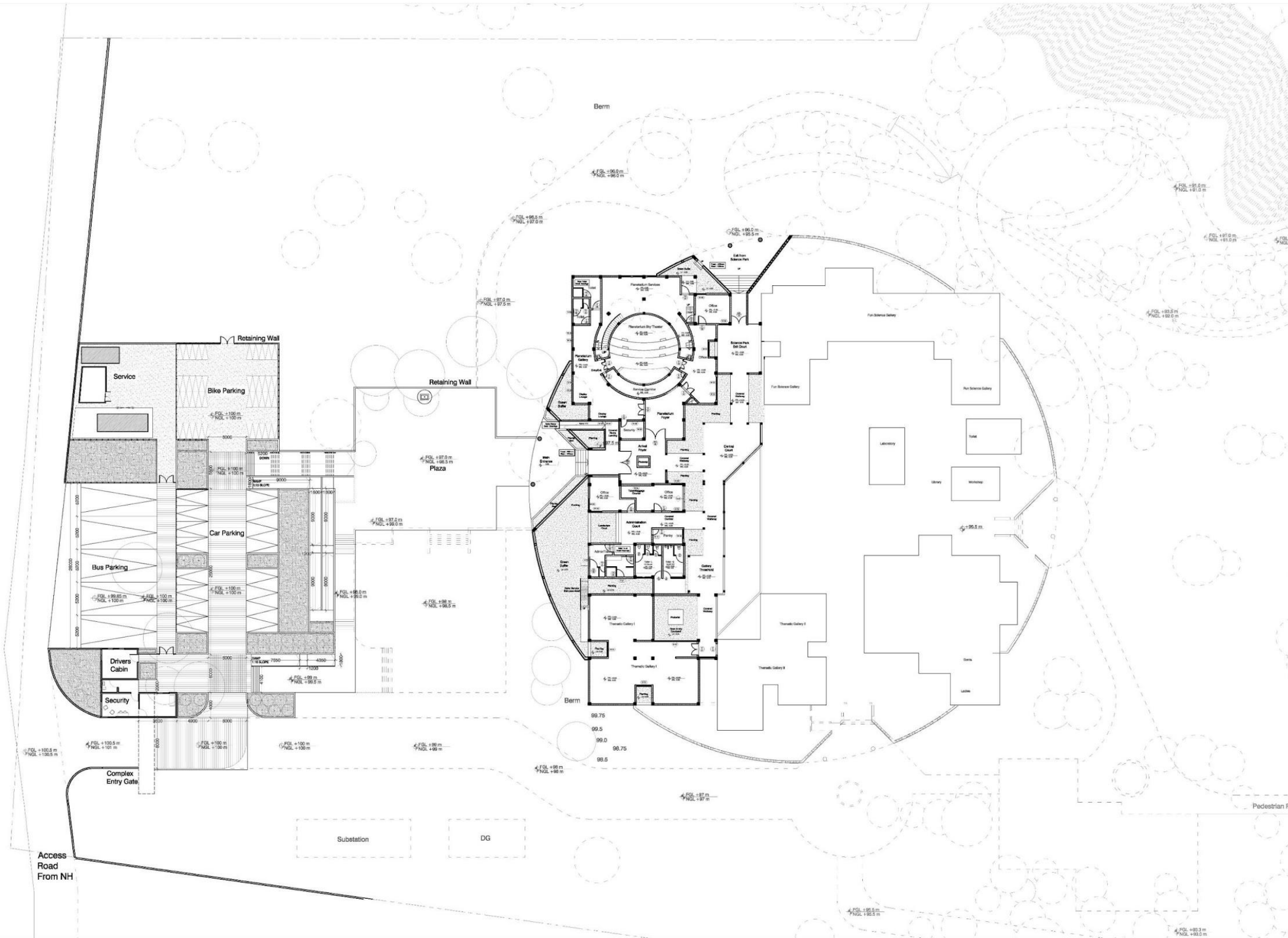
Project Status

Under Development

List of works done

3d Modeling
Toilet Designing & Detailing

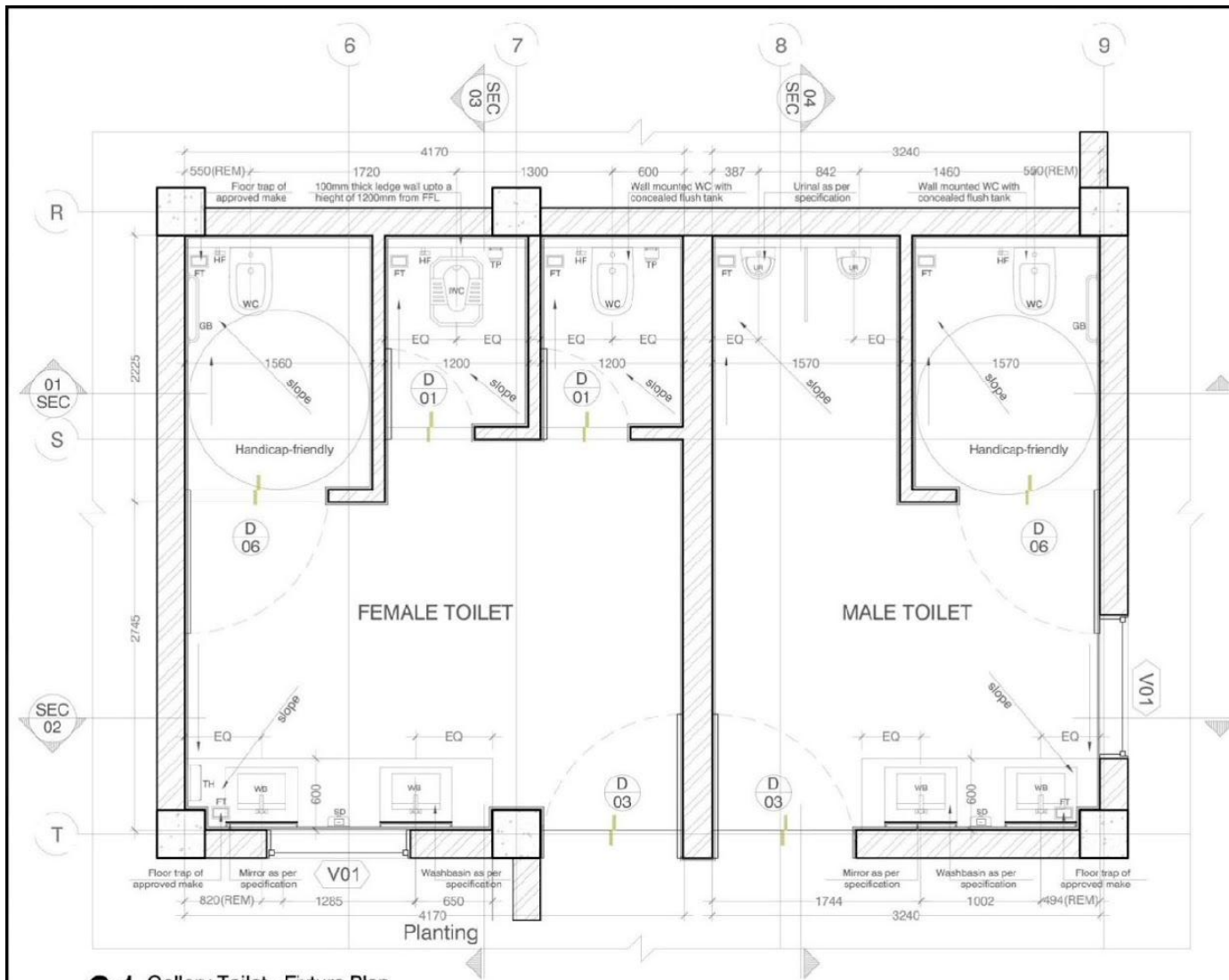




- 1 Entry / Exit to Site
- 2 Security Cabin
- 3 Car Parking [16 No's]
- 4 Bike Parking [32 No's]
- 5 Services
- 6 Bus Parking [5 No's]
- 7 Plaza
- 8 Entrance
- 9 Planetarium
- 10 Administration
- 11 Gallery

Total Built up area
11,204
Total Semi-covered
5,692
Total
16,896
Site Development
1 Acre
Building Footprint
0.5 Acre

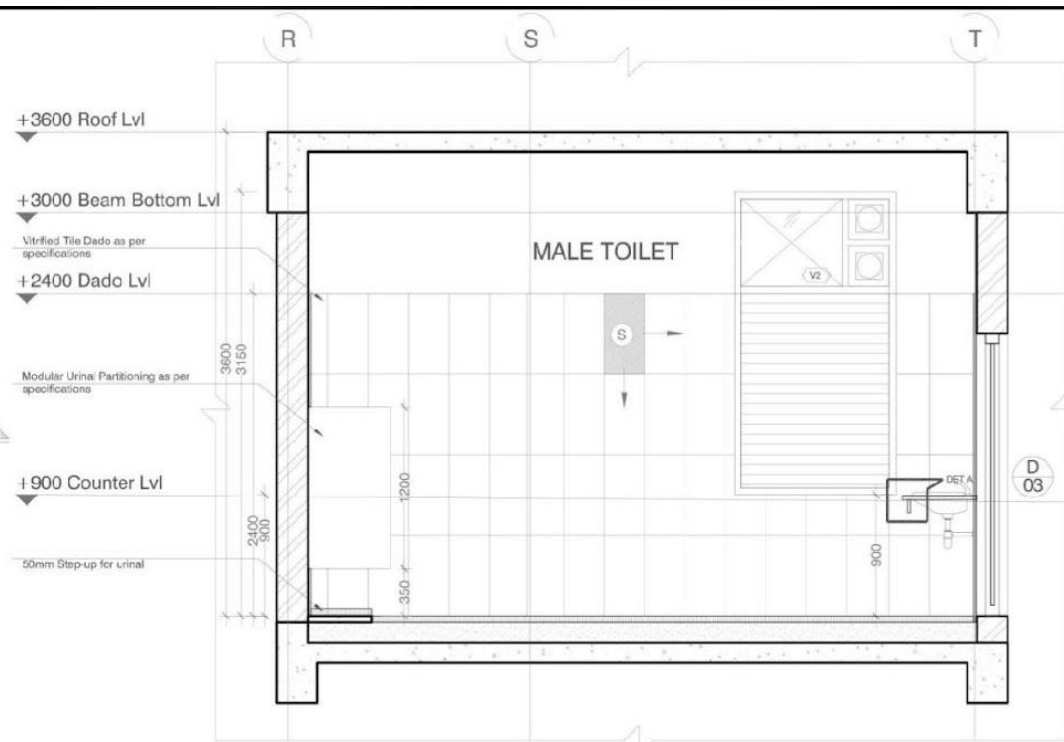




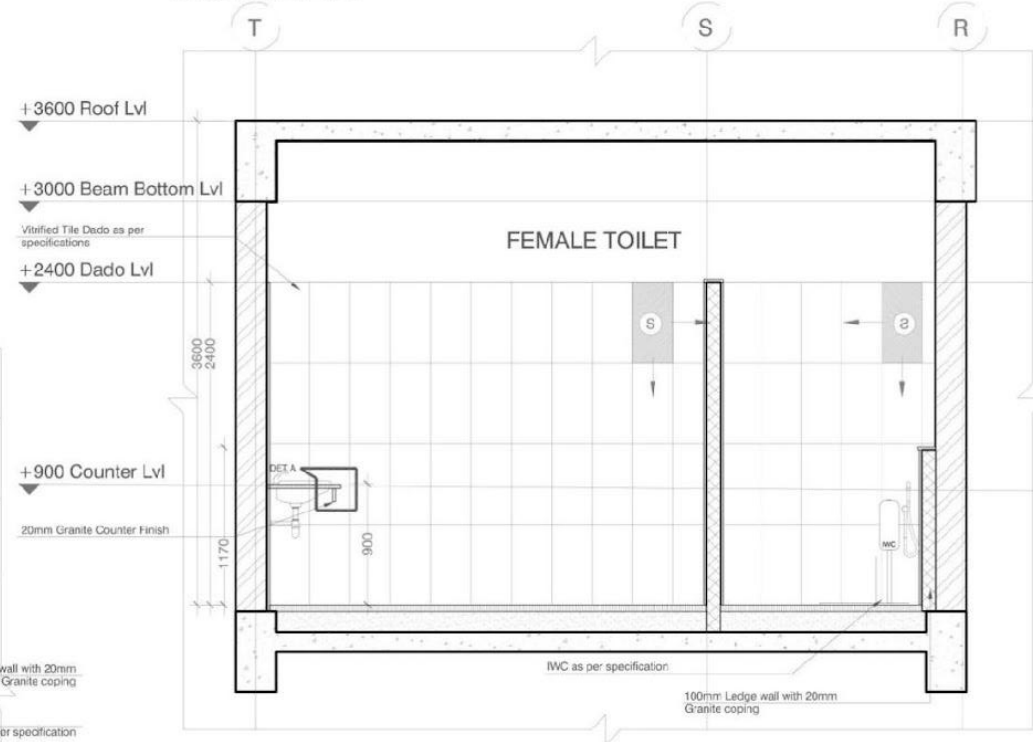
01 Gallery Toilet - Fixture Plan
SCALE 1:50



02 Gallery Toilet - Section 1
SCALE 1:50



03 Gallery Toilet - Section 4
SCALE 1:50



04 Gallery Toilet - Section 3
SCALE 1:50



05 DETAIL A : Wash Basin Granite Edge Detail
SCALE 1:5

NOTES :

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ARCHITECT :

CnT Architects

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www.cnt.co.in

CLIENT :

Karnataka Science and Technology
Promotion Society (KSTePS)

Vijnana Bhavana, 3rd Floor, 21st Main,
24/2, 17th Cross Rd, Banashankari Stage II,
Banashankari, Bengaluru, Karnataka
560070

PROJECT :

**Sub-regional Science Center
& Planetarium**

State Highway 12,
Athani Rd, Jnanashakti,
Torvi, Vijayapura,
Karnataka 586108

PROJECT NO.: 1731
DRAWN BY: SAI TEJA T N
CHECKED BY: MANICKAVELU
SIGNATURE :

TITLE :

**GALLERY
TOILET**

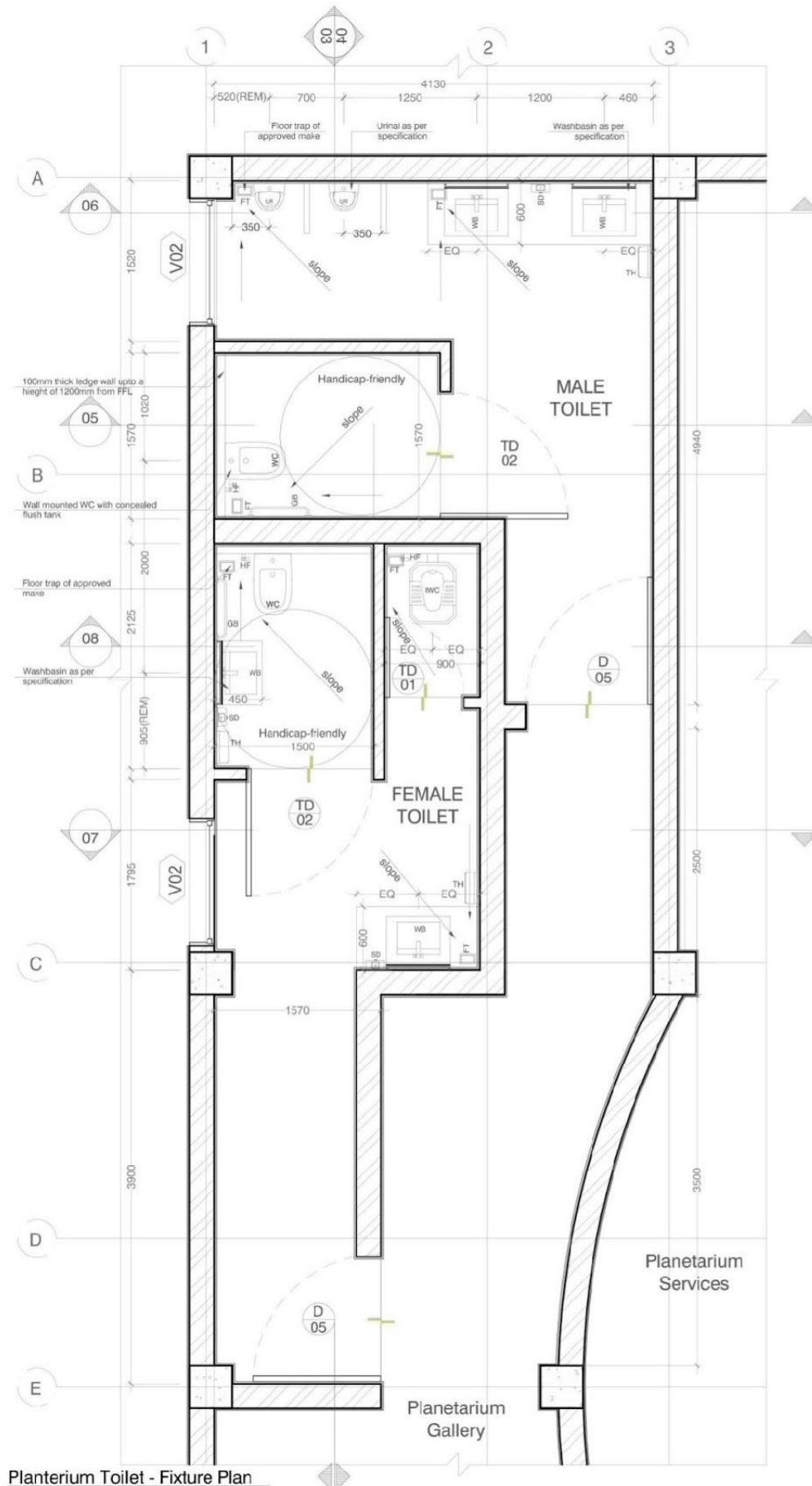
REVISIONS :

NO.	DATE	DESCRIPTION

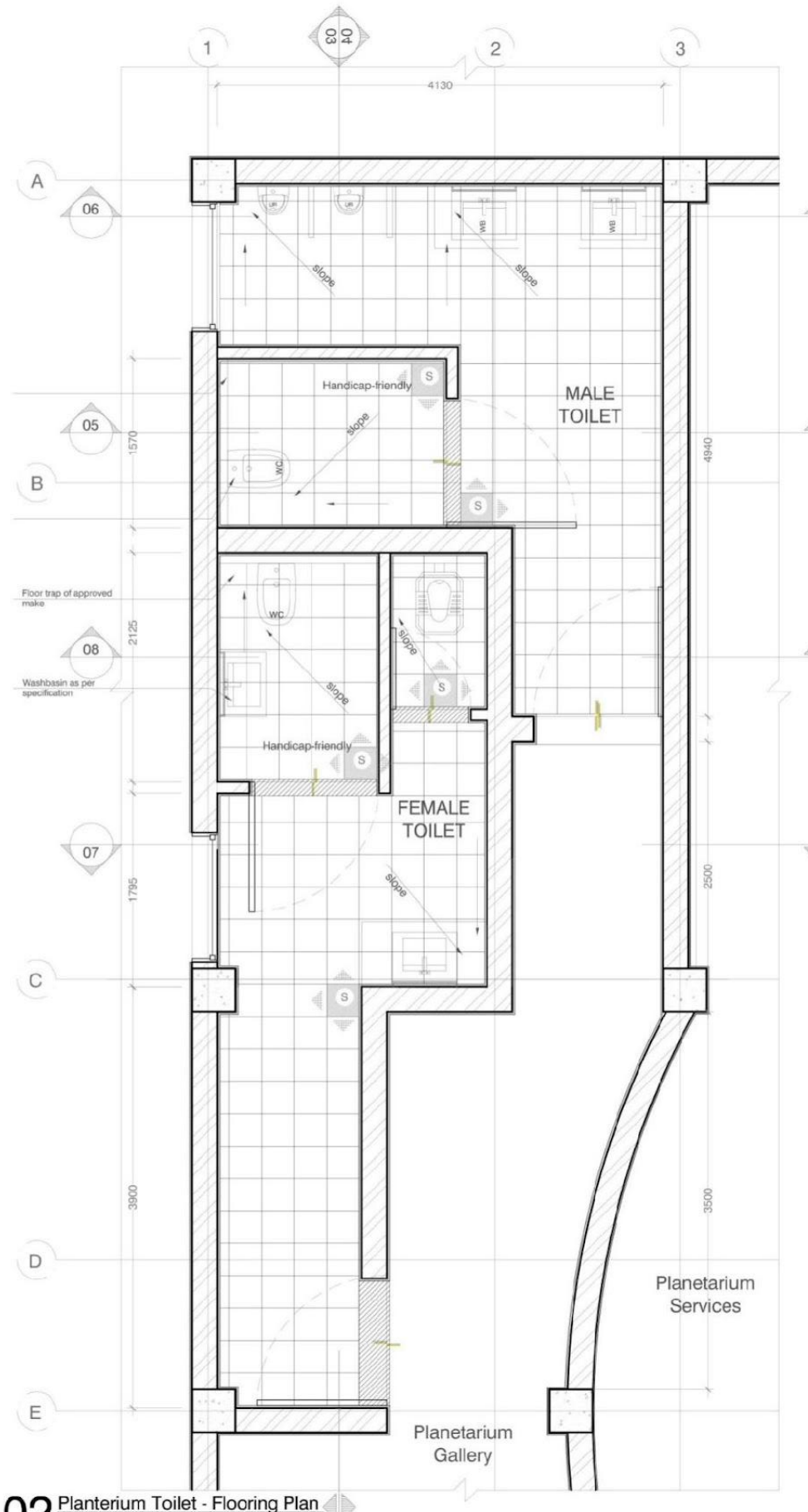
GOOD FOR CONSTRUCTION

AR	GFC	DW	703	RO
----	-----	----	-----	----

DATE 18 FEB 2022



01 Planterium Toilet - Fixture Plan
SCALE 1:50



02 Planterium Toilet - Flooring Plan
SCALE 1:50

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Vijnana Bhavana, 3rd Floor, 21st Main,
24/2, 17th Cross Rd, Banashankari Stage
II, Banashankari, Bengaluru, Karnataka
560070

PROJECT :

Sub-regional Science Center
& Planetarium

State Highway 12,
Athani Rd, Jnanashakti,
Torvi, Vijayapura,
Karnataka 586108

PROJECT NO.: 1731

DRAWN BY: SAI TEJA T N

CHECKED BY: MANICKAVELU

SIGNATURE :

TITLE :

PLANETRIUM
TOILET

REVISIONS :

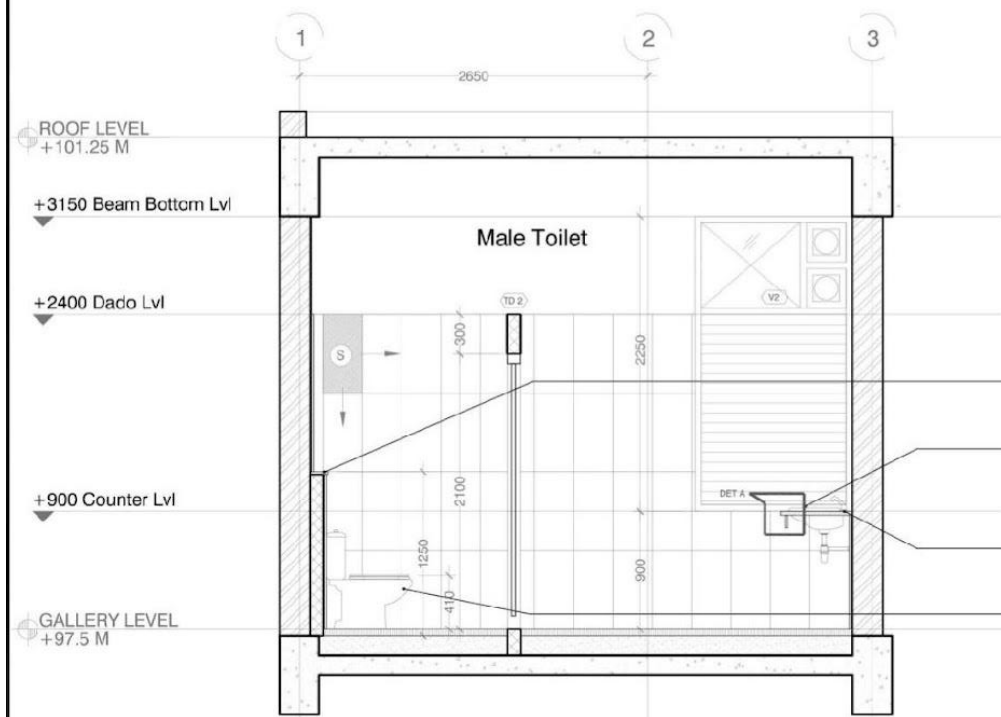
NO.	DATE	DESCRIPTION

GOOD FOR CONSTRUCTION

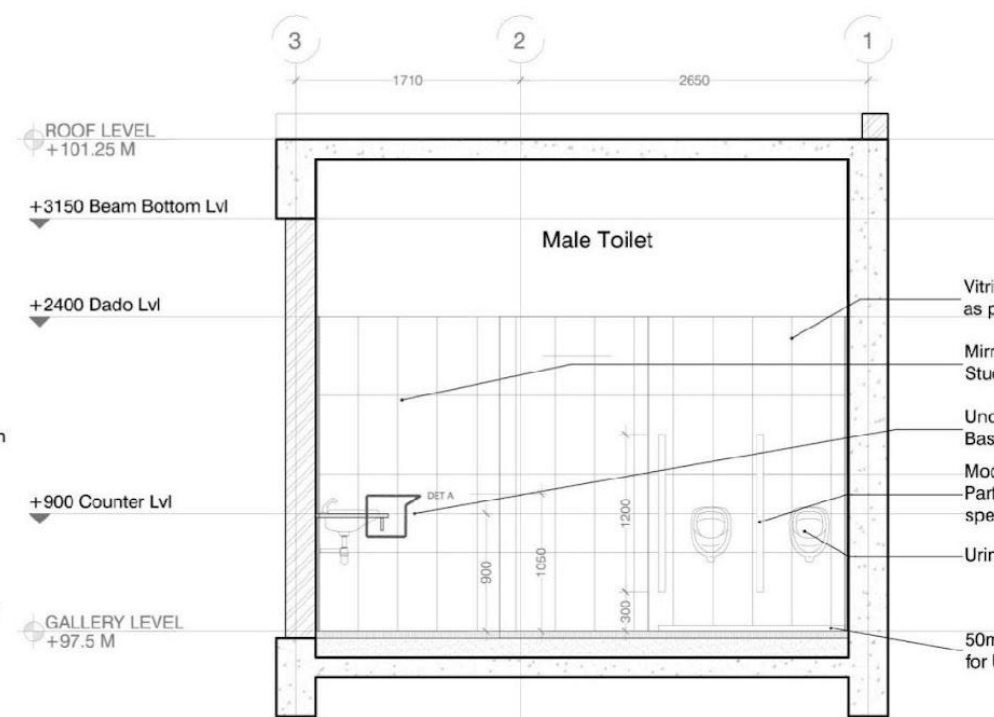
AR GFC DW 703 R0

DATE 18 FEB 2022

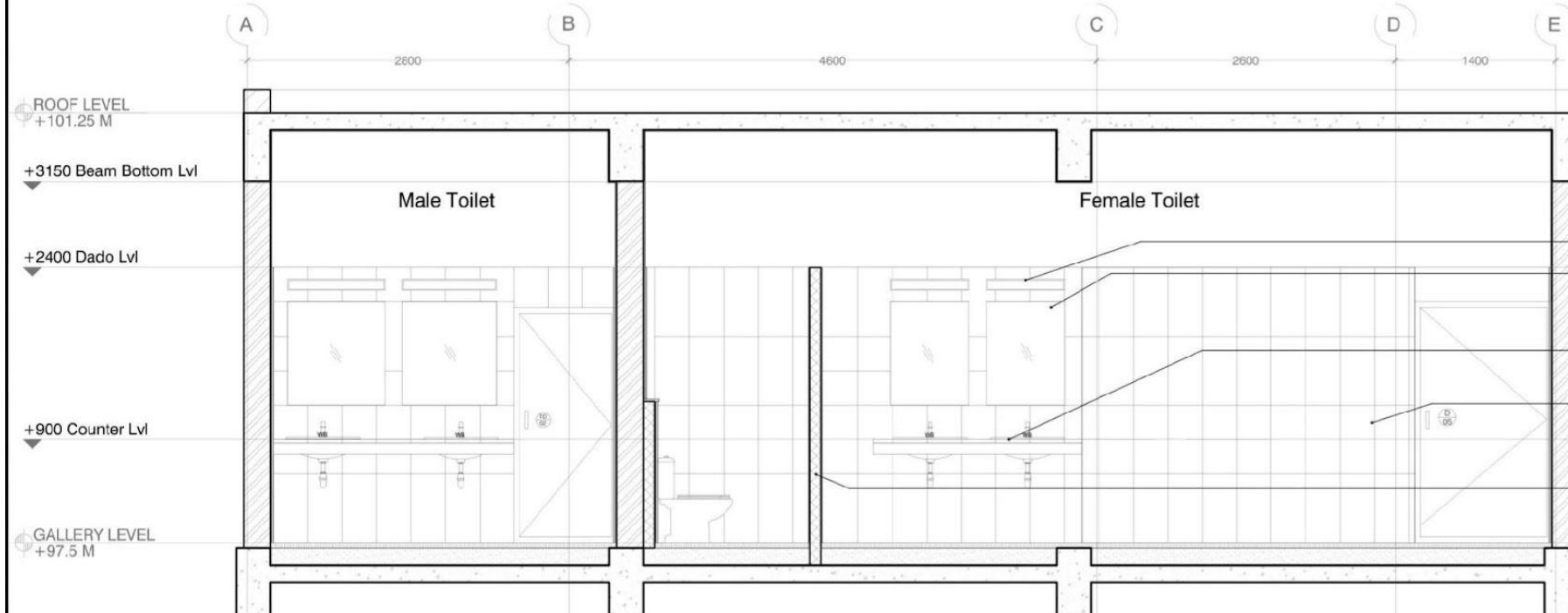
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01 Planterium Toilet - Section 1
SCALE 1:50



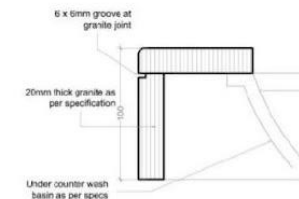
02 Planterium Toilet - Section 2
SCALE 1:50



03 Planterium Toilet - Section 3
SCALE 1:50

- Light Fixture as per specification
- Mirror with Stud fixing
- Undercounter Wash Basin as per specification
- Vitrified Tile Dado as per detail
- 100mm Ledge wall with 20mm Granite Coping

04 DETAIL A : Wash Basin Granite Edge Detail
SCALE 1:5



- 230mm Brick Wall
- 100mm Brick Wall

NOTES :

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ARCHITECT :



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Bangalore - 560020.
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www.cnt.cc.in

CLIENT :

Karnataka Science and Technology
Promotion Society (KSTePS)

Vijnana Bhavana, 3rd Floor, 21st Main,
24/2, 17th Cross Rd, Banashankari Stage
II, Banashankari, Bengaluru, Karnataka
560070

PROJECT :

Sub-regional Science Center
& Planetarium

State Highway 12,
Athani Rd., Jnanashakti,
Torvi, Vijayapura,
Karnataka 586108

PROJECT NO.: 1731

DRAWN BY: SAI TEJA T N

CHECKED BY: MANICKAVEL

SIGNATURE :



TITLE :

PLANETRIUM
TOILET

REVISIONS :

NO.	DATE	DESCRIPTION

GOOD FOR CONSTRUCTION

AR GFC DW 703 R0

DATE 18 FEB 2022

1.9 PROJECT 4



St. John's Lab Extension at Bangalore

Client

St. John's National Academy of
Health Sciences

Site Location

John Nagar, Bengaluru

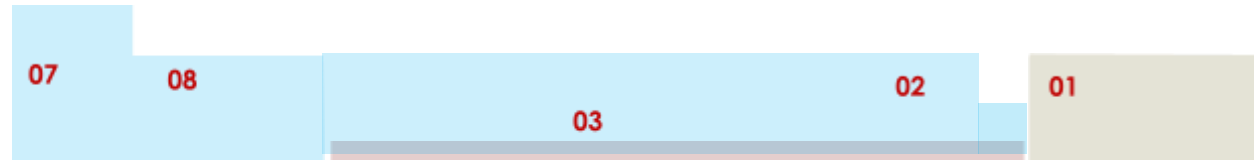
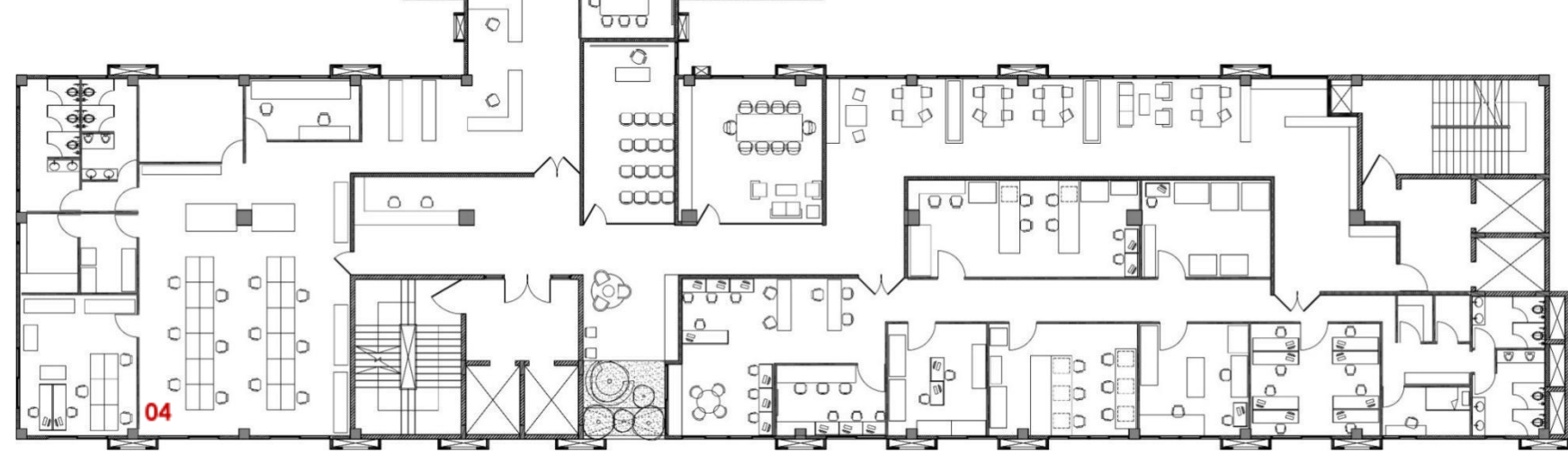
Project Status

Under Construction

List of works done

Design
Elevations
Sections
False Ceiling Layout
Window Detailing





LEGEND

- * FIRE LIFT LOBBY & STAIRCASE
- * COMMON PANTRY
- LUNCH & BREAKOUT AREA
- LAB 01 - PATHOLOGY LAB
- LAB 02 - HISTOPATHOLOGY LAB
- INFORMATION DESK
- LECTURE HALL
- MEETING ROOM
- WAITING AREA
- SEMI OPEN GARDEN

04



FIFTH FLOOR PLAN - LABORATORIES

04



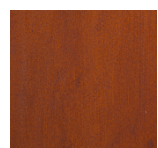
LEGEND

- * FIRE LIFT LOBBY & STAIRCASE
- LAB 03 - MICROBIOLOGY LAB
- LAB 04 - CLINICAL BIOCHEMISTRY LAB
- LAB 05 - TRANSFUSION MEDICINE & IMMUNOHAEMATOLOGY
- INFORMATION DESK

04

SIXTH FLOOR PLAN - LABORATORIES





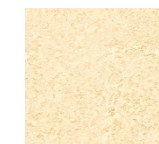
Aluminium Panelling



Tinted Glass



Off white Texture
Paint

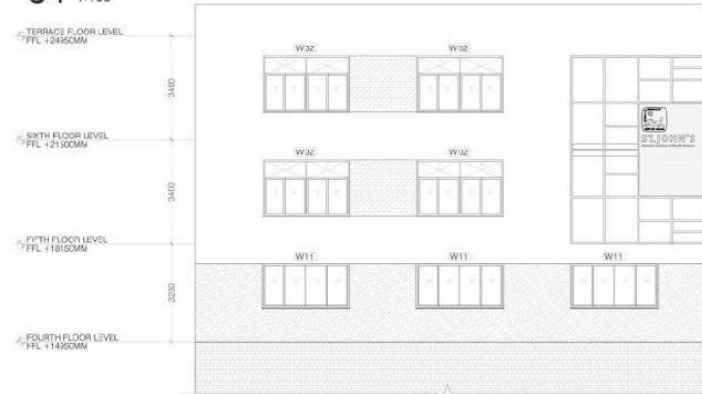


Texture Paint

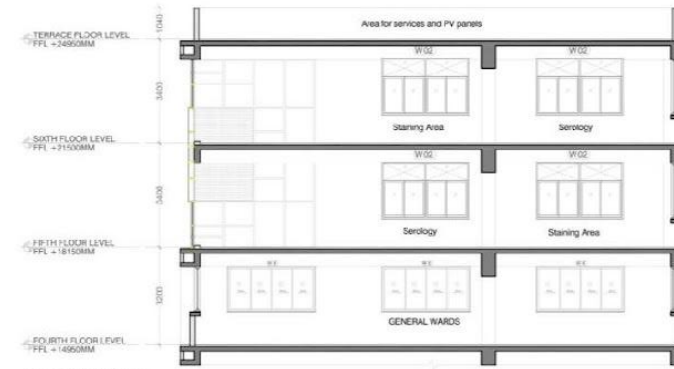




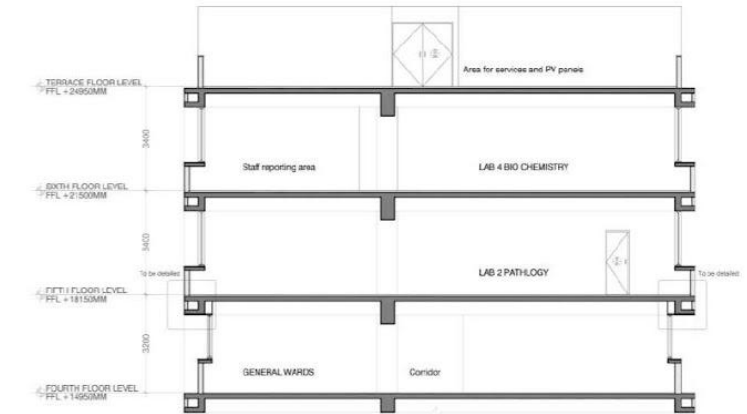
01 FRONT ELEVATION
1:100



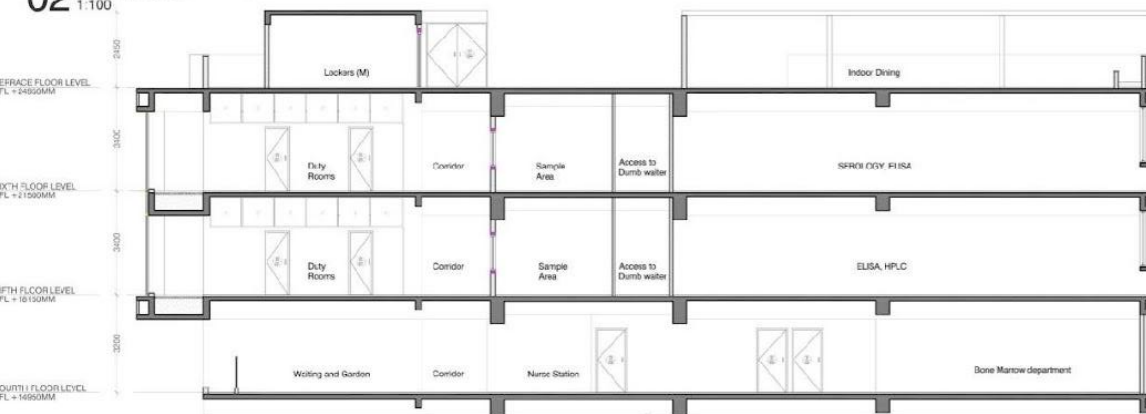
02 SIDE ELEVATION
1:100



03 SECTION 2
1:100



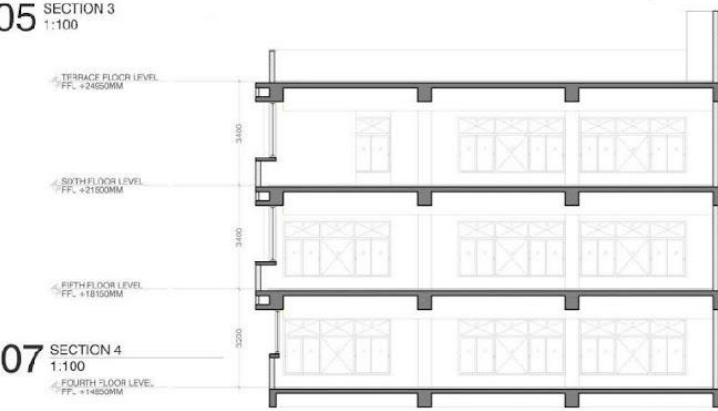
04 SECTION 1
1:100



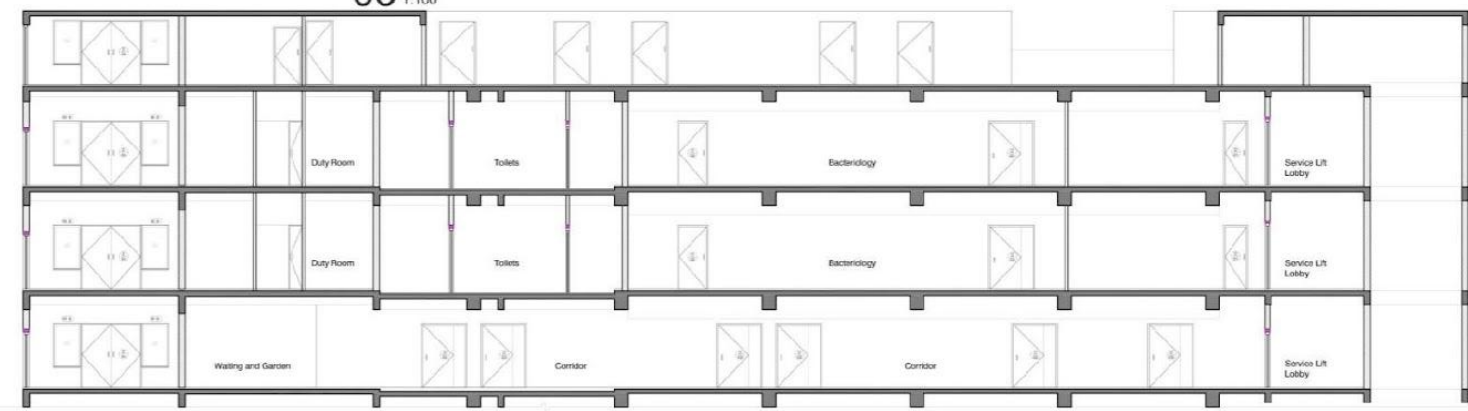
05 SECTION 3
1:100



06 SECTION 5
1:100



07 SECTION 4
1:100





01 5th FLOOR CEILING LAYOUT
1:100

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CONSULTANTS :

STRUCTURAL CONSULTANT:
Pargunah Consultants
111, Saranagar, 11th Floor,
Bachchanhalli, Bangalore-56004
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Ph: 9846000001

SERVICE CONSULTANTS :

SYSTEM CONSULTANTS PVT. LTD.
142/2nd Floor, 2nd Stage,
Bachchanhalli, Bangalore-56004
Ph: 9846000000/9846000001
Ph: 9846000001

ARCHITECT :

CnT Architects
Bachchanhalli, Bangalore
7, Palace Circle Road, Bangalore-560003
T: +91 98 2008 100000
www.cntarchitects.com

CLIENT :
ST. JOHN'S NATIONAL
ACADEMY
OF HEALTH SCIENCES

PROJECT :

**ST. JOHN'S
HOSPITALS LAB
EXTENSION**

PROJECT NO: 0106

DRAWN BY: SAITEJA K

CHECKED BY: CHAITANYA

SIGNATURE: REAL

TITLE :

**CEILING
LAYOUT**

REVISIONS :

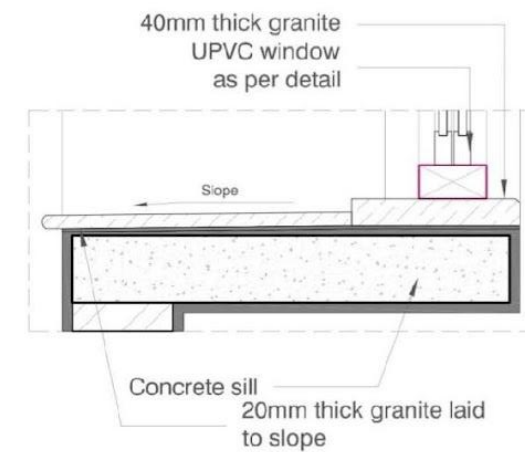
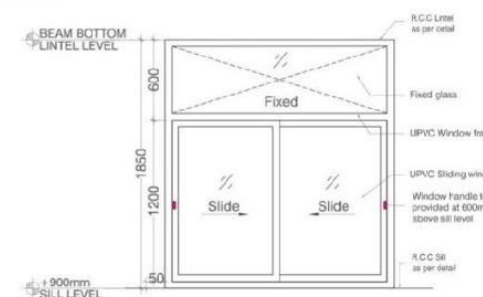
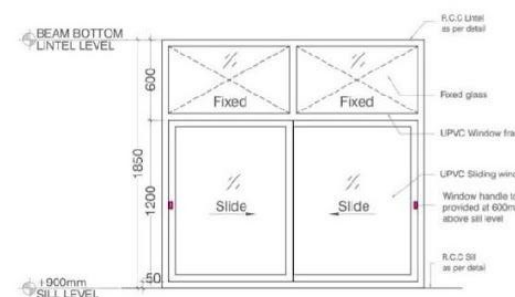
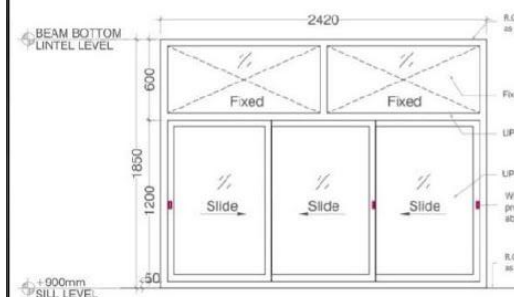
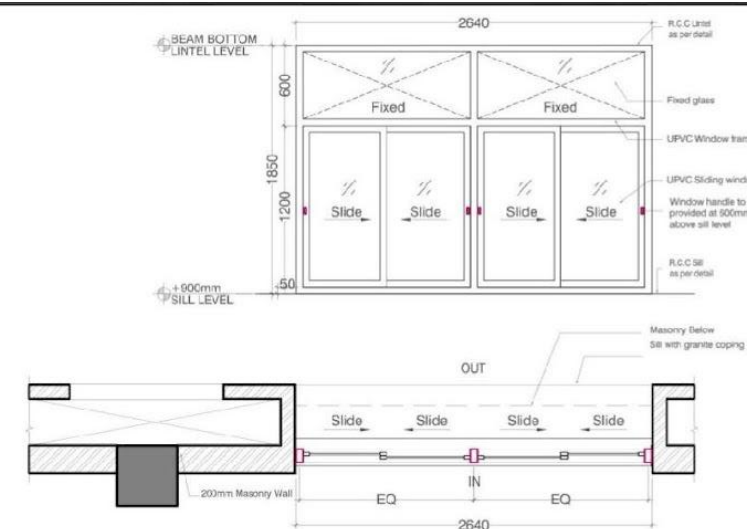
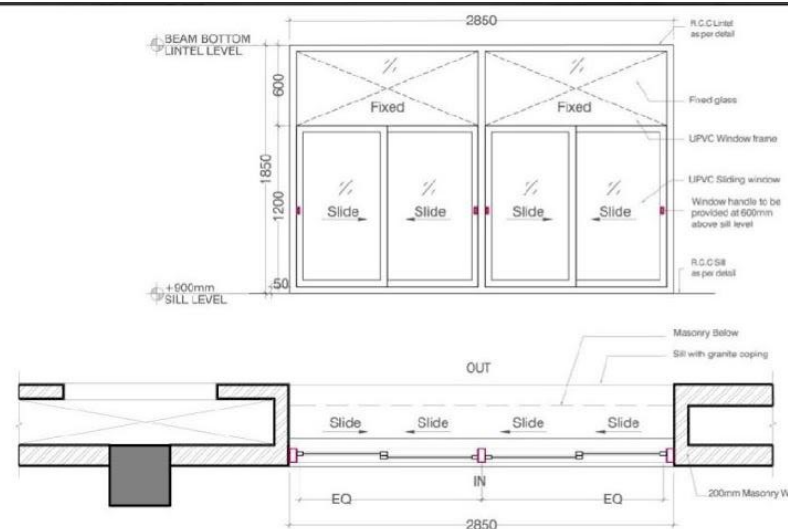
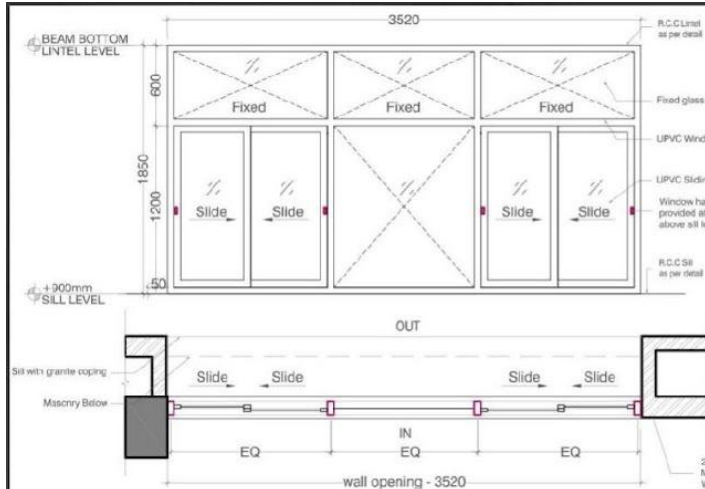
NO.	DATE	DESCRIPTION

GOOD FOR CONSTRUCTION

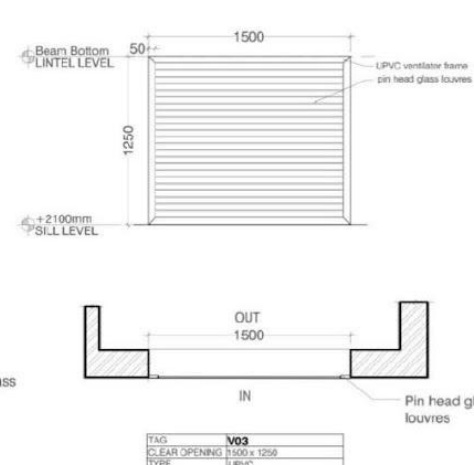
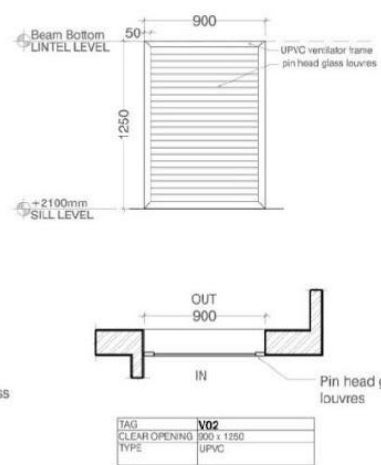
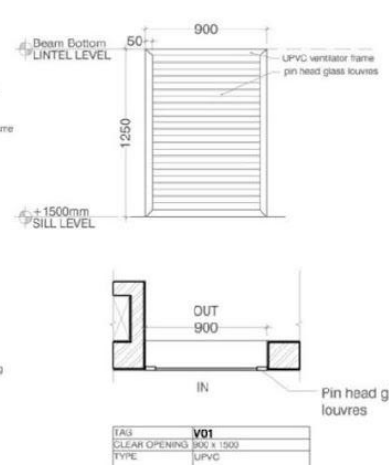
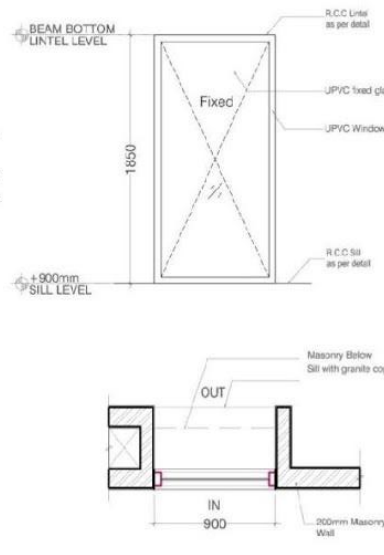
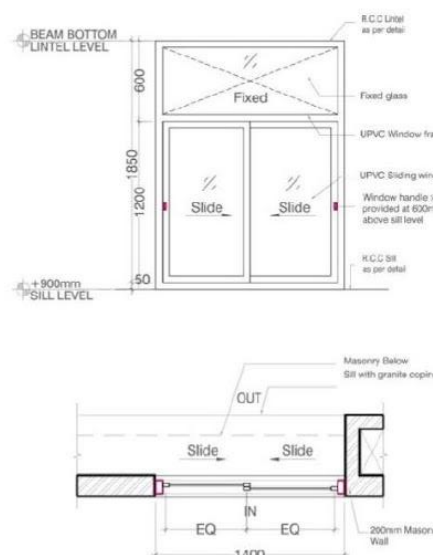
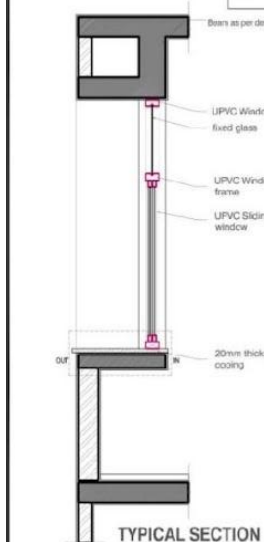
AR | CD | GFC | GC1 | R3

DATE: April 28th 2022

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DETAIL A



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ARCHITECT :



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CLIENT :

ST. JOHN'S NATIONAL ACADEMY OF
HEALTH SCIENCES
John Nagar,
Bengaluru

PROJECT :

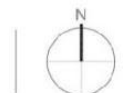
ST. JOHN'S HOSPITAL LAB
EXTENSION
John Nagar,
Bengaluru

PROJECT NO.: 2103

DRAWN BY: SAI TEJA T N

CHECKED BY: CHAITANYA B

SIGNATURE :



TITLE :

WINDOW DETAILS

REVISIONS :

NO.	DATE	DESCRIPTION

GOOD FOR CONSTRUCTION

AR	WD	GFC	200	RO
----	----	-----	-----	----

DATE 28 April 2022

1.11 PROJECT 5



MSR Tech Park at Bangalore

Client

Mr. M.S Raksha Ramaiah &
Mr. M.S. Sunder Ram Ramaiah

Site Location

Nagawara, Bengaluru

Project Status

Under Construction

List of works done

Pavement Detail
Canopy Detail
Kitchen Scheme
Security Cabin Design
Toilet Interior Scheme



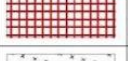
Visualization - Sai Teja

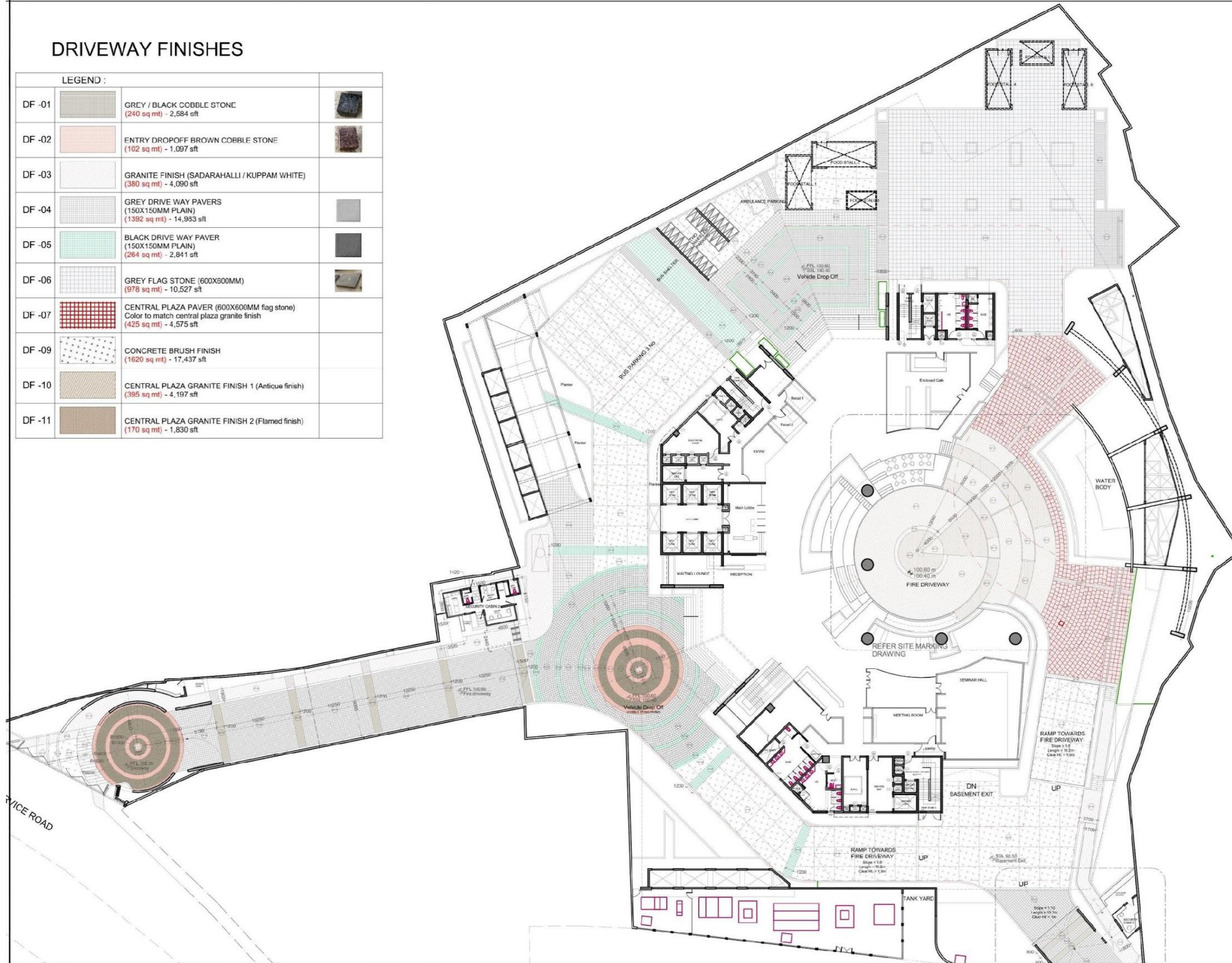
LEGEND

1. Entry Exit Security Check
2. VIP Drop-off
3. Employee Drop-off
4. Bus Parking
5. Entry Lobby
6. Water Body
7. Central Plaza
8. Out Door Kiosk
9. Basement Entry
10. Basement Entry/Exit
11. Private property



DRIVEWAY FINISHES

LEGEND :		
DF -01		GREY / BLACK COBBLE STONE (240 sq mt) - 2,584 sft
DF -02		ENTRY DROPOFF BROWN COBBLE STONE (102 sq mt) - 1,097 sft
DF -03		GRANITE FINISH (SADARAHALLI / KUPPAM WHITE) (380 sq mt) - 4,090 sft
DF -04		GREY DRIVE WAY PAVERS (150X150MM PLAIN) (1392 sq mt) - 14,993 sft
DF -05		BLACK DRIVE WAY PAVER (150X150MM PLAIN) (264 sq mt) - 2,841 sft
DF -06		GREY FLAG STONE (600X500MM) (978 sq mt) - 10,527 sft
DF -07		CENTRAL PLAZA PAVER (600X600MM flag stone) Color to match central plaza granite finish (425 sq mt) - 4,575 sft
DF -09		CONCRETE BRUSH FINISH (1620 sq mt) - 17,437 sft
DF -10		CENTRAL PLAZA GRANITE FINISH 1 (Antique finish) (395 sq mt) - 4,197 sft
DF -11		CENTRAL PLAZA GRANITE FINISH 2 (Flamed finish) (170 sq mt) - 1,830 sft



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ARCHITECT :



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www.cnt.co.in

CLIENT :

Mr. M.S. Raksha Ramaiah &
Mr. M.S. Sunder Ram Ramaiah
GPA Holders for M/S. MICRO
CONSTRUCTIONS

PROJECT :

MSR TECH PARK

BBMP Khata No 607 /
144 / 151 / 2,
Nagawara,
Outer Ring road,
Bongalur - 560045

PROJECT NO.: XXXX

DRAWN BY: SAI TEJA

CHECKED BY: KUSUMA

SIGNATURE | SEAL :

TITLE :

DRIVEWAY DETAIL

REVISIONS :

NO.	DATE	DESCRIPTION

GOOD FOR CONSTRUCTION

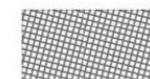
MSRT AR-GFC MISC-1025B R0

DATE 16 FEB 2022

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LEGEND :



COBBLE STONE (1,511.31 sq mt)
- 16,260 sft



DRIVE WAY GRANITE FINISH
(457.75 sq mt) - 4,925 sft



DRIVE WAY PAVERS (2,255.38 sq mt)
- 24,265 sft



CENTRAL PLAZA GRANITE FINISH 1
(1,491.98 sq mt) - 16,050 sft



CENTRAL PLAZA GRANITE FINISH 2
(194.01 sq mt) - 2,085 sft



ENTRY DROPOFF BROWN COBBLE
STONE (43.02 sq mt) - 460 sft



GF MAIN FLOORING
(2000 sq mt) - 21527 sft

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ARCHITECT :



Enrich Life through Architecture
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CONSTRUCTIONS

PROJECT :

MSR TECH PARK

BBMP Khata No.607 /
144 / 151 / 2,
Nagawara,
Outer Ring road,
Bengaluru - 560045

PROJECT NO.: XXXX

DRAWN BY: SAI TEJA T N

CHECKED BY: KUSUMA

SIGNATURE | SEAL :



TITLE :

KITCHEN CAFETERIA SCHEME

REVISIONS :

NO.	DATE	DESCRIPTION

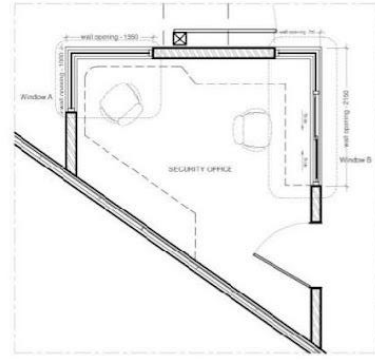
TENDER DRAWING

MSRT AR-TD MISC-1025B R0

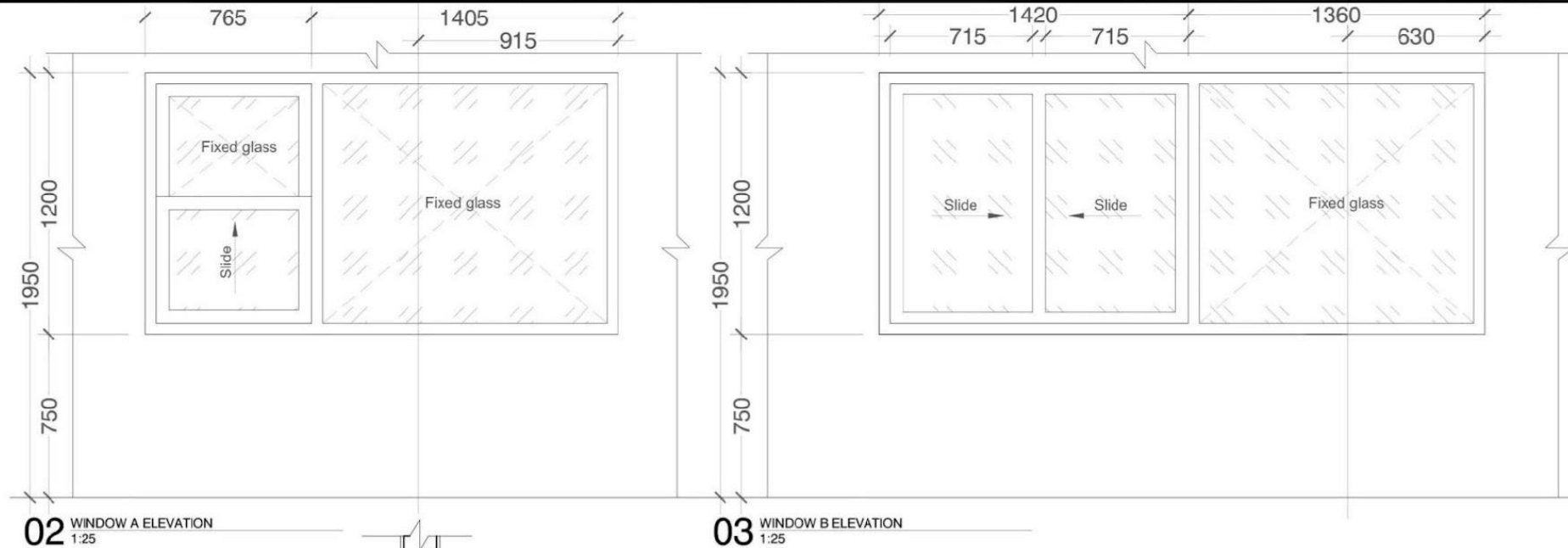
DATE 04 MARCH 2022

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01 KITCHEN, CAFETERIA SCHEME
1:250

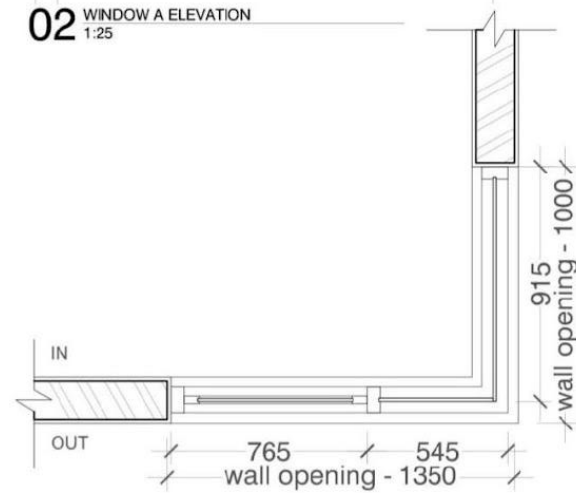


01 SECURITY OFFICE EAST AREA PLAN
1:100

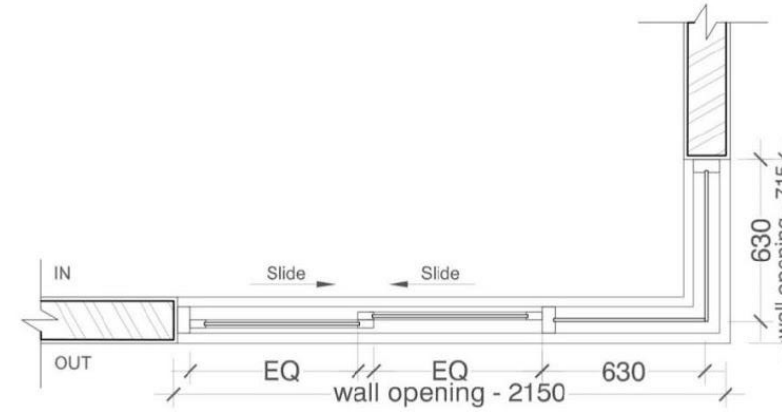


02 WINDOW A ELEVATION
1:25

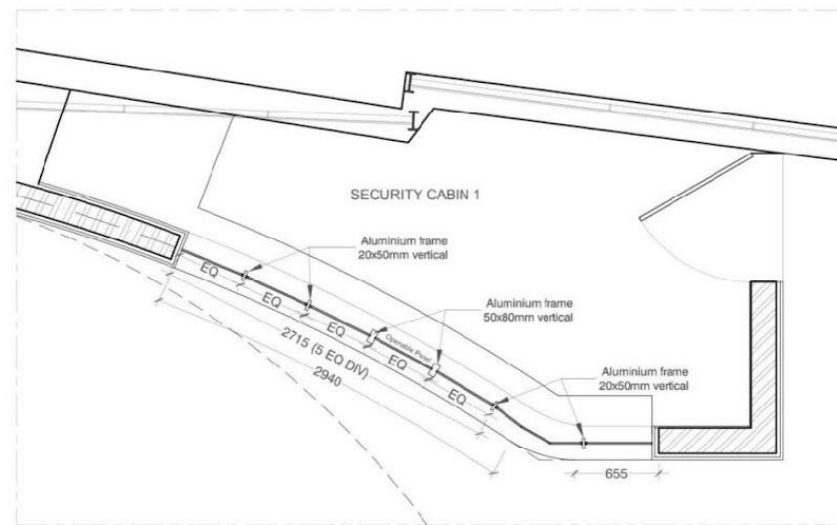
03 WINDOW B ELEVATION
1:25



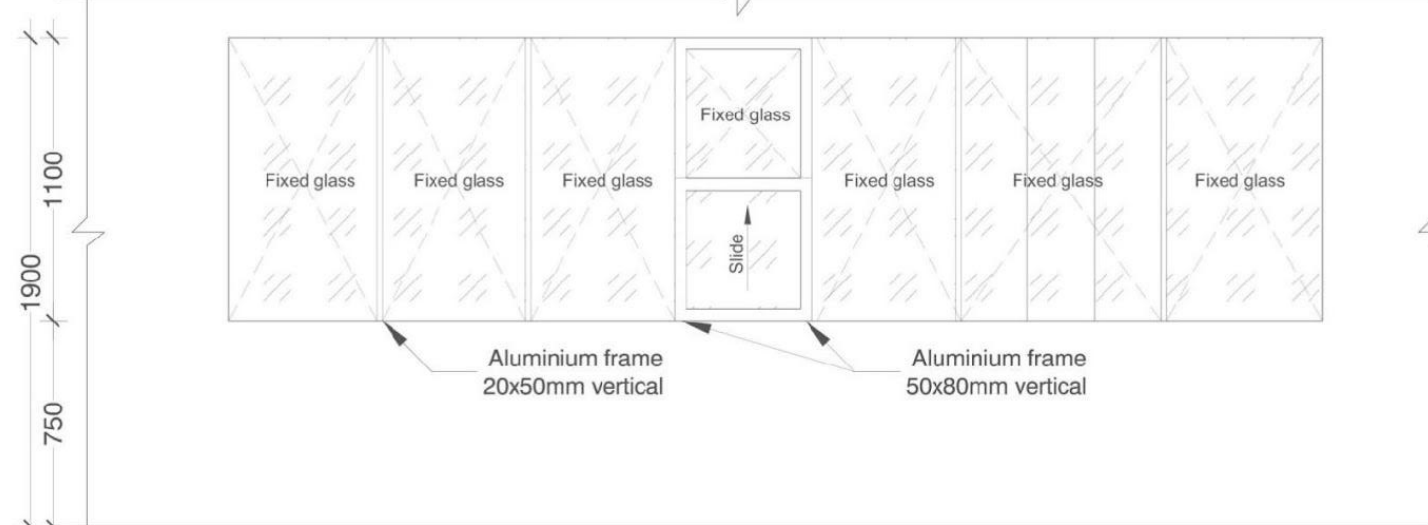
04 SECURITY OFFICE EAST - WINDOW A PLAN
1:25



05 SECURITY OFFICE EAST - WINDOW B PLAN
1:25



06 SECURITY OFFICE SOUTH - WINDOW PLAN
1:50



07 SECURITY OFFICE SOUTH - WINDOW ELEVATION
1:25

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ARCHITECT :



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www.cnt.co.in

CLIENT :

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Mr. M.S. Sunder Ram Ramiah
GPA Holders for M/S. MICRO
CONSTRUCTIONS

PROJECT :

MSR TECH PARK

BBMP Khata No.607 /
144 / 151 / 2,
Nagawara,
Outer Ring road,
Bengaluru - 550045

PROJECT NO.: XXXX

DRAWN BY: SAI TEJA T.N.

CHECKED BY: KUSUM

SIGNATURE | SEAL

TITLE :

SECURITY OFFICE - EAST & SOUTH GLAZING DETAIL

REVISIONS :

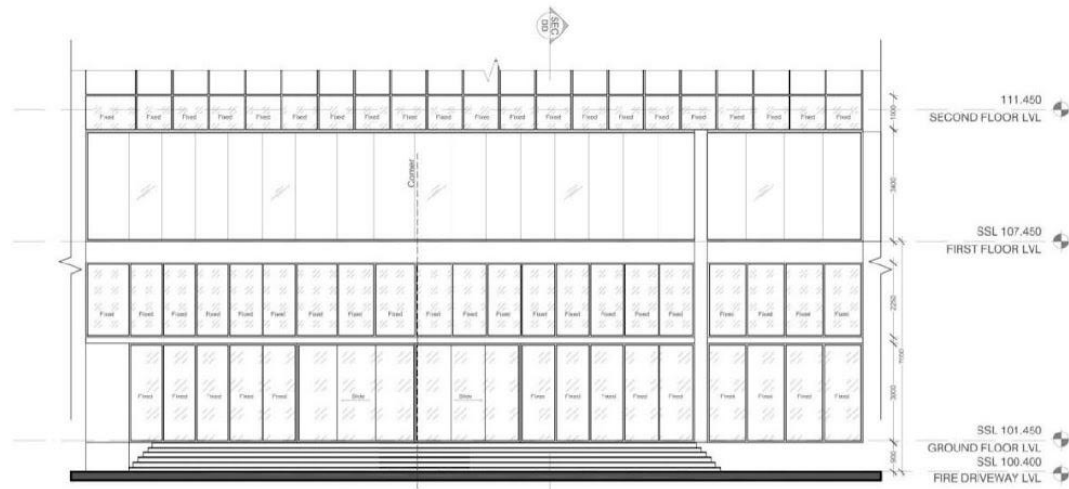
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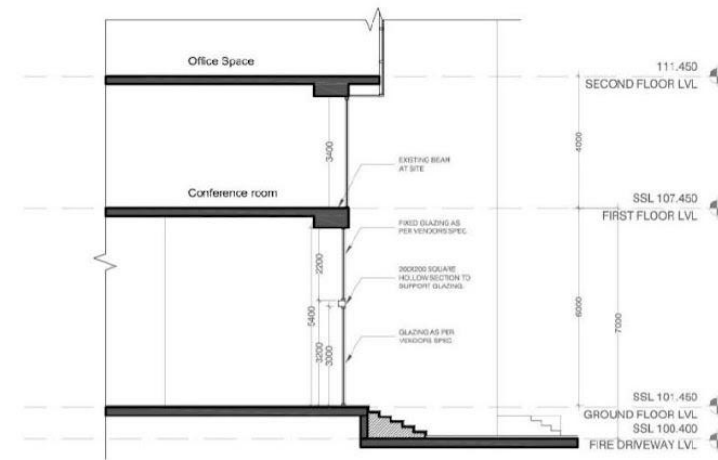
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DATE 16 FEB 2022

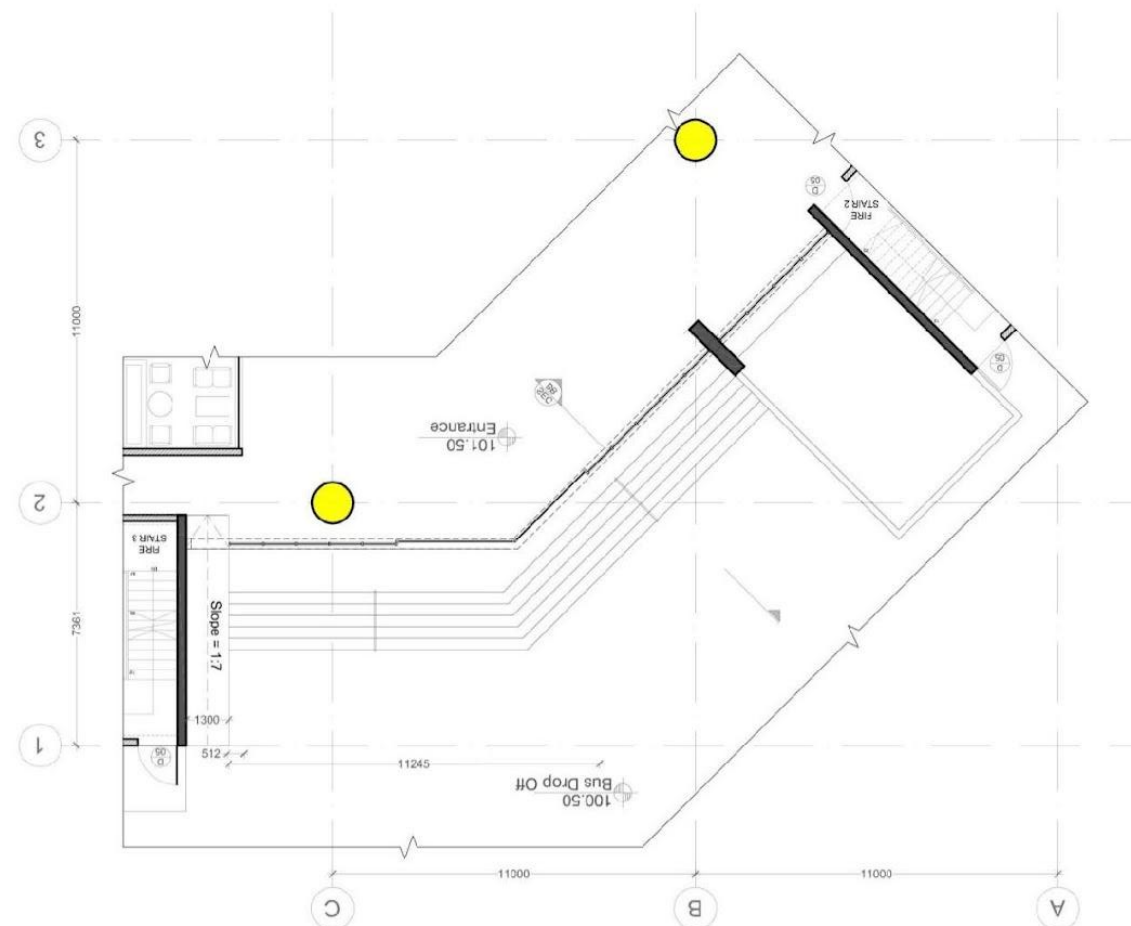
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01 CANOPY DETAIL - ELEVATION
1:200



02 CANOPY DETAIL - SECTION
1:200



01 CANOPY DETAIL - PLAN
1:200

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ARCHITECT :

CnT
Architects
Enrich Life through Architecture

7, Palace Cross Road,
Bangalore - 560020.
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CLIENT :

Mr. M.S Raksha Ramaiah &
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CONSTRUCTIONS

PROJECT :

MSR TECH PARK

BBMP Khata No.607 /
144 / 151 / 2,
Nagawara,
Outer Ring road,
Bengaluru - 560045

PROJECT NO. : XXXX

DRAWN BY: SAI TEJA T N

CHECKED BY: KUSUM

SIGNATURE | SEAL :

TITLE :

**CANOPY
DETAIL**

REVISIONS :

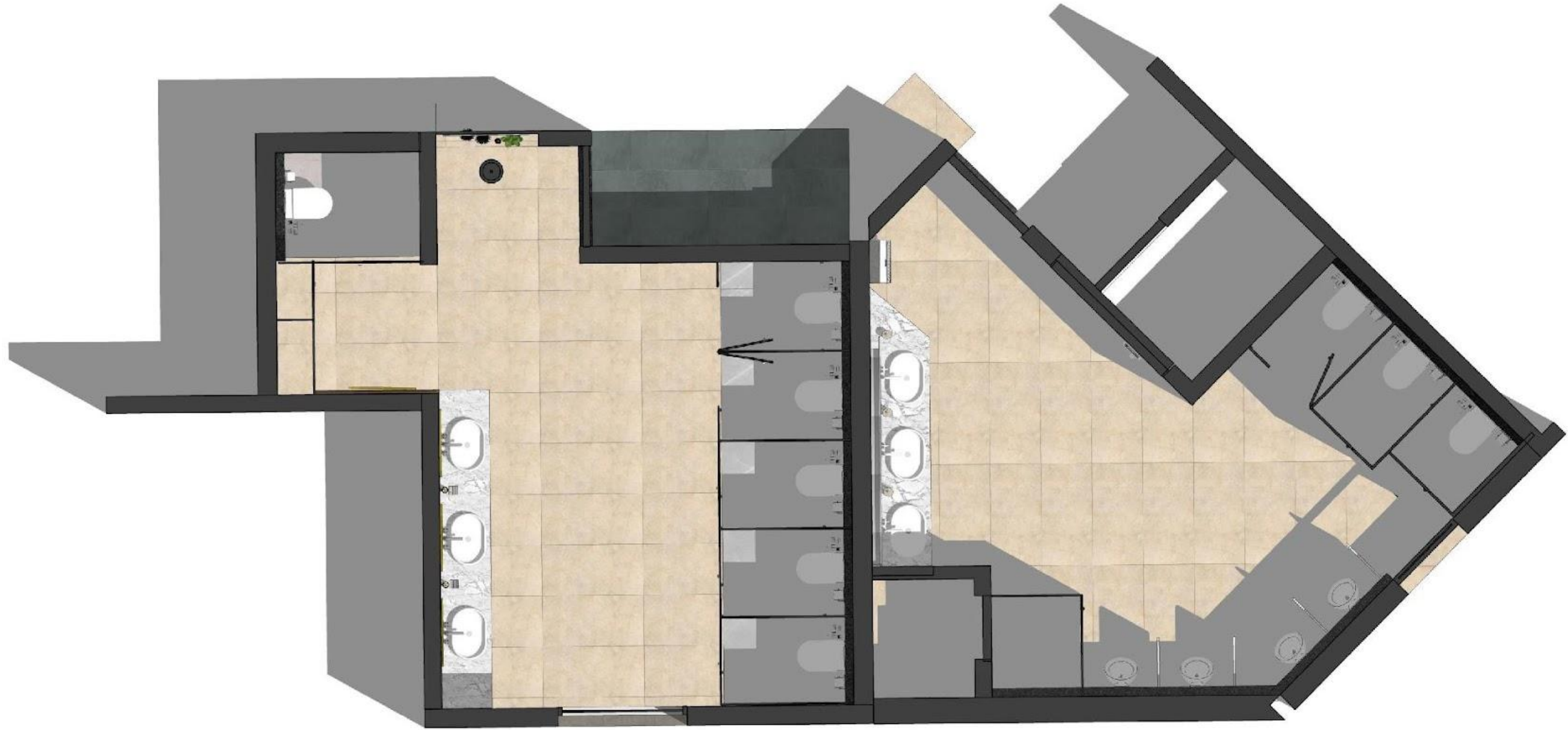
NO.	DATE	DESCRIPTION

GOOD FOR CONSTRUCTION

MSRT AR-GFC MSC-1025B R0

DATE 18 FEB 2022

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Female Toilet

Visualization - Sai Teja





Female Toilet

Visualization - Sai Teja



Female Toilet

Visualization - Sai Teja



Male Toilet

Visualization - Sai Teja



Male Toilet

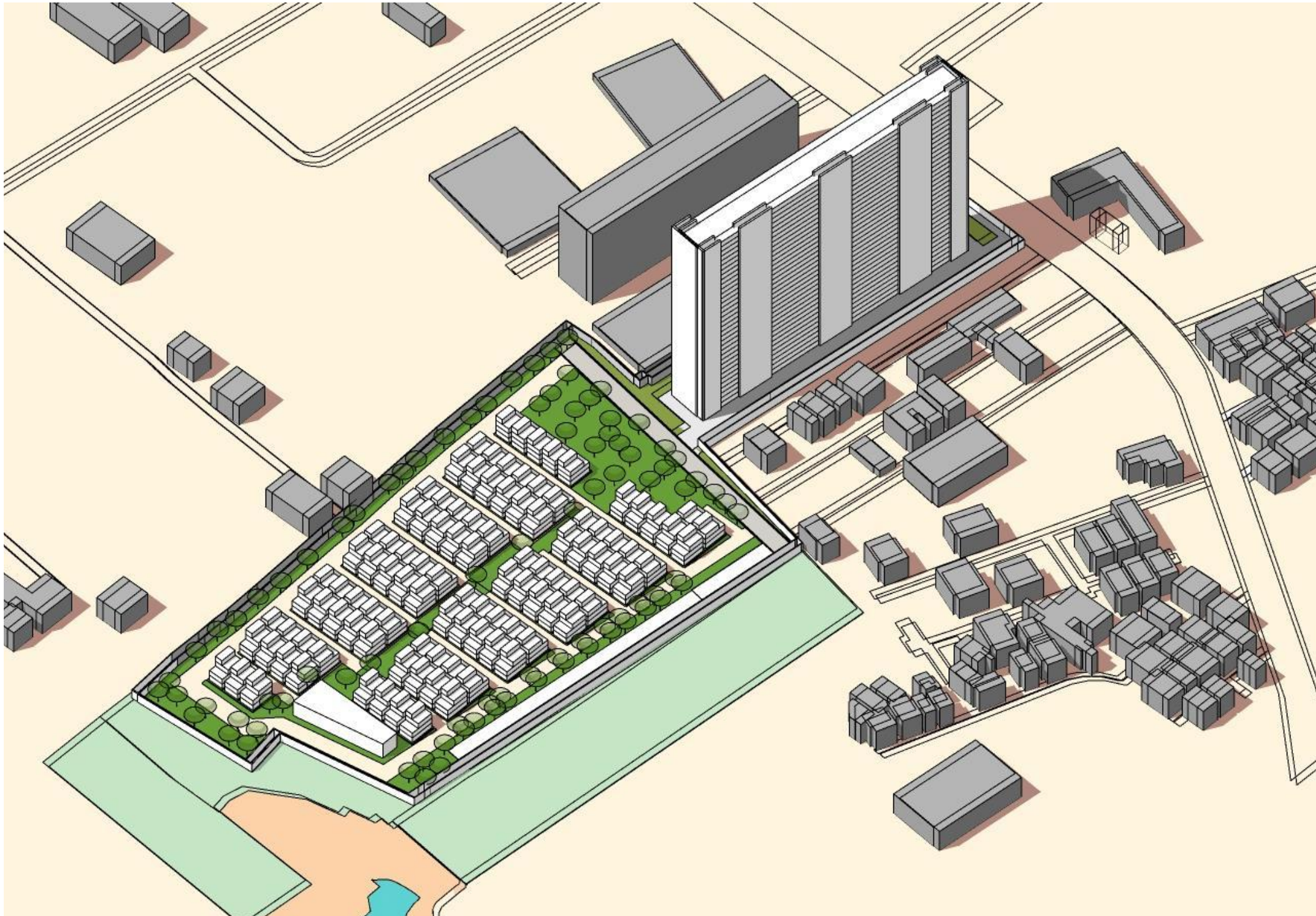
Visualization - Sai Teja



Male Toilet

Visualization - Sai Teja

1.13 PROJECT 6



Site Development, Visualization - Sai Teja

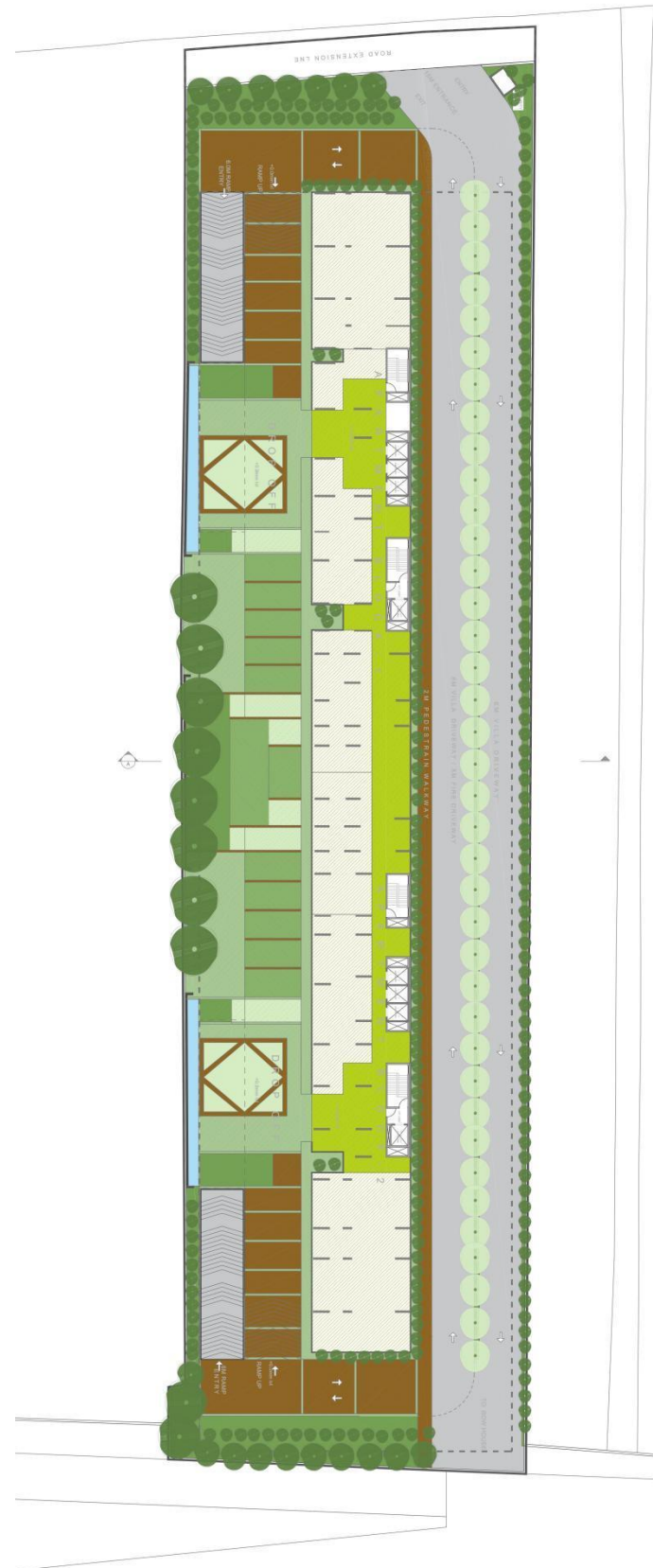
Living Walls at Bangalore

Client
Living Walls

Site Location
Hennur, Bangalore

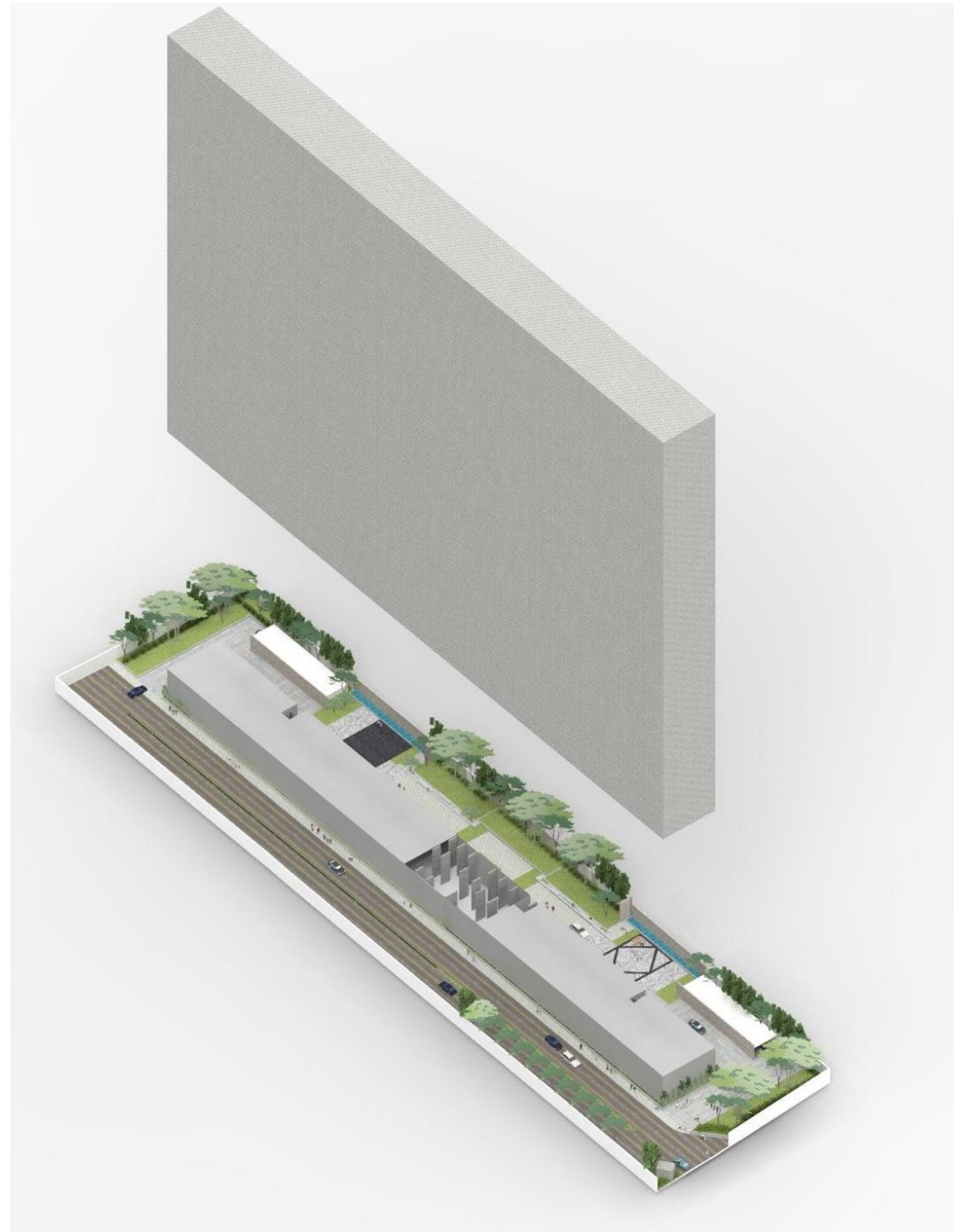
Project Status
Under Development

List of works done
Design
Site Development
Driveway Planning & Detailing
Presentation



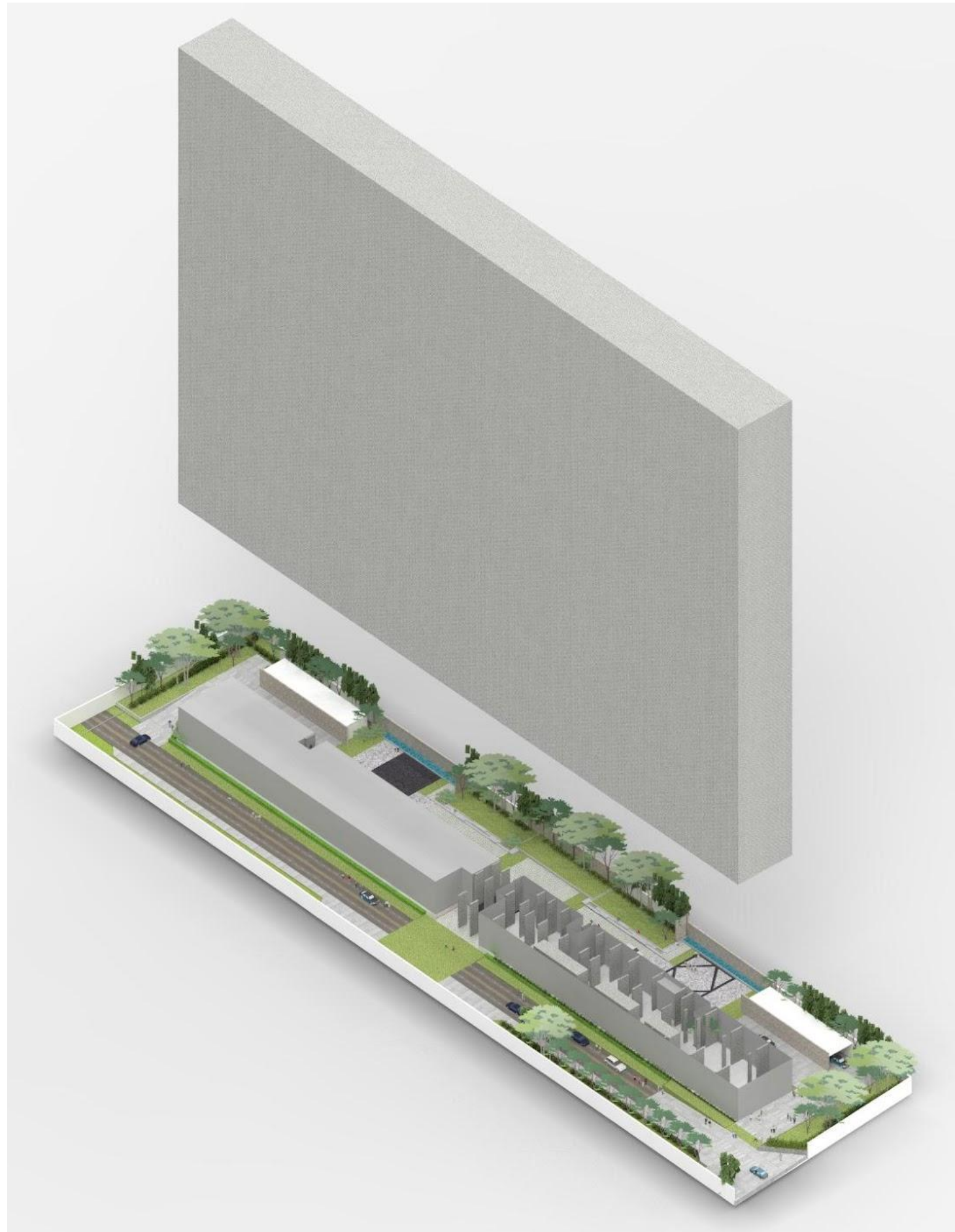
Scheme -1 for Driveway Design

Design development, Visualization - Sai Teja



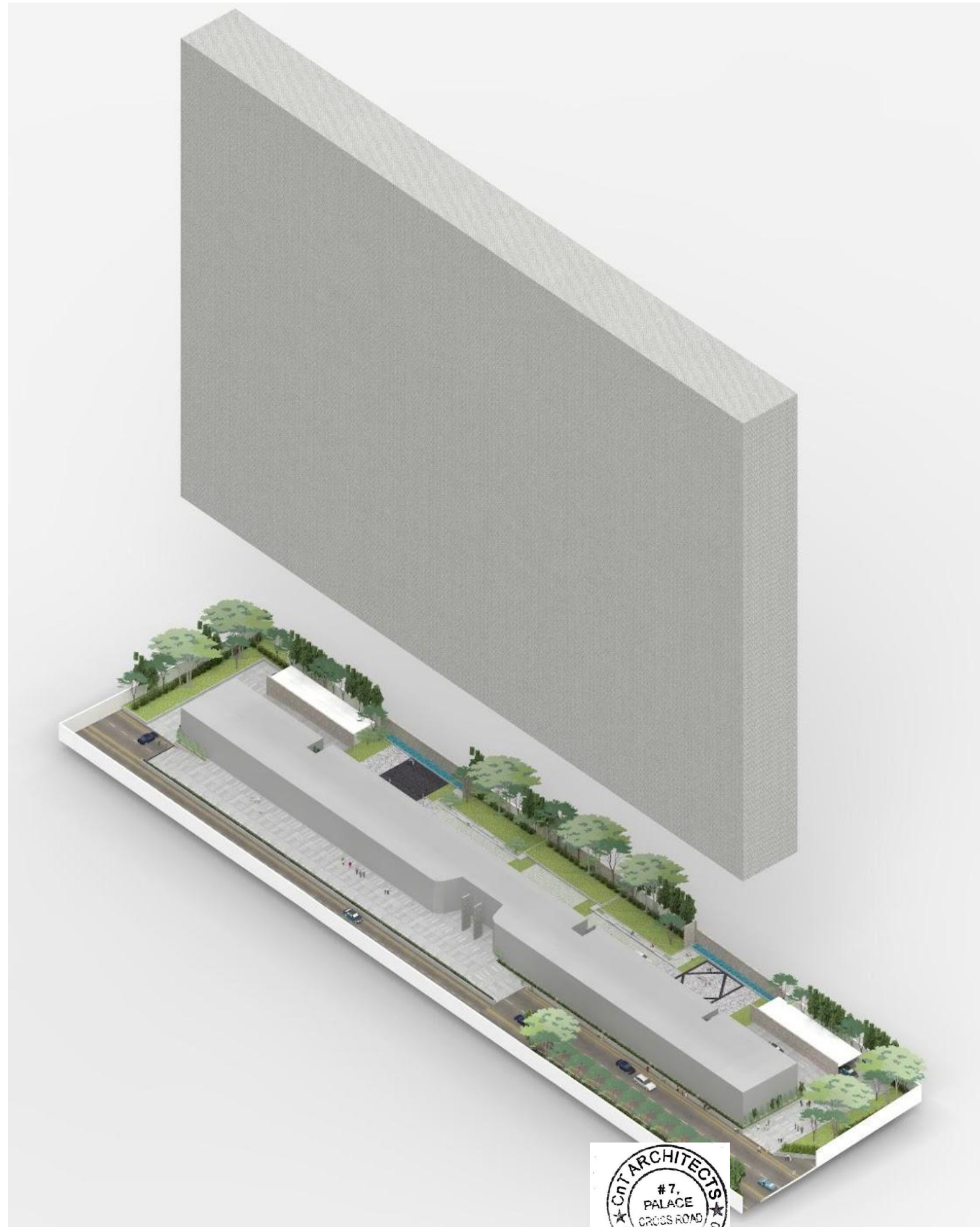


Scheme -2 for Driveway Design





Scheme -3 for Driveway Design



1.15 CRITICAL OVERVIEW

Working at **CnT** ARCHITECTS was a once-in-a-lifetime experience. From day one, it was a great learning experience. The internship I was dreaming for was exactly the same experience. The team was great and completed. The freedom to explore and learn different things has been given in different ways. I kept working on various scales and types of projects have made me to discover my strengths and understand their practicality of how design is carried out in the field. The studio not only trains in architecture and design but also emphasizes the importance of marketing, work culture, ethics, other worldly knowledge, social zing, how to present oneself and so on. During this period of the internship, I realized that design is very much into process and refinement in every stage. It included design thinking and many more exercises.

Understanding how spaces are executed and experienced was the preliminary thing that I got to see in reality. It is completely the other phase of learning from the lessons we learnt in our schools till now. On a whole, this internship was not just about gaining knowledge in the practical field but also as a way to connect with people who had a common goal of being more creative, focused, and hardworking. This training period was a very good kick start to learn various other phases in architecture. It was a beginning and I realized that there's lot more to learn and explore in architecture.

Satya

