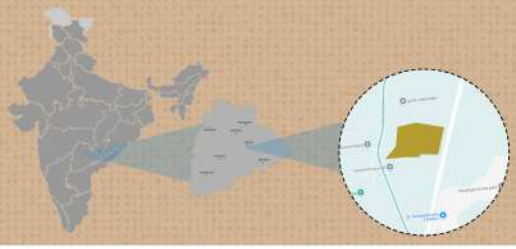
SITE STUDY

PROPOSED BY Telangana State Industrial Infrastructure Corporation Limited (TSIIC),

SITE LOCATION In front of Warangal Textile Park ,Madikonda - Warangal, Telangana

CO-ORDINATES 17°57'30"N ,79°26'47"E



PROJECT OBJECTIVE

The Warangal International Convention Centre (WICC), spanning approximately 10 acres (40,468 sq. meters) at IT Park Madikonda, Warangal, is being developed as an integrated International Convention Centre cum 3-Star Hotel facility under Public Private Partnership (PPP) mode through IALA Warangal.

This project, undertaken by the Telangana State Industrial Infrastructure Corporation Limited (TSIIC), aims to provide world-class convention and hospitality infrastructure for the state of Telangana. WICC is envisioned as a multipurpose facility featuring modern convention halls, meeting facilities, exhibition spaces, and 3-star hotel accommodation. The project is designed to position Warangal as a destination for national and international conferences, corporate events, and exhibitions while contributing to the region's economic growth and tourism development.

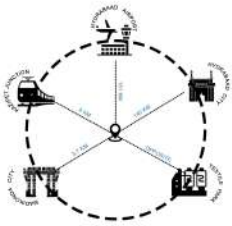
PROJECT DETAIL

PROJECT NAME	Warangal International Convention Center (WICC)
PROPOSED BY	Telangana State Industrial Infrastructure Corporation Limited (TSIIC),
PROPOSED ON	Dec 2022
AREA	10 Acres (404Z68 sqm)
LAND USE TYPE	Public (PPP Model)
FAR	2
GROUND COVERAGE	40-50 %
SETBACK	15 Front , 9 Sides
PARKING	Upto 2 no. 60% - BASEMENT ,40% - SURFACE

SITE PHOTOGRAPHS



PROXIMITY ANALYSIS



Boundaries:

- *North/South*: Vacant land parcels (future expandability)
- *East*: NH 163 access
- *West*: Dharmasagar canal—green/blue buffer and po tetial landscape amenity

VEGETATION



provide shade, improve microclimate, enhance the visual appeal, and act as windbreaks, making outdoor areas more comfortable and attractive for visitors.



act as natural air purifiers by absorbing pollutants, provide shade, repel pests, and have medicinal properties that enhance the site's microclimate and wellbeing.



Enhances the site microclimate by offering shade, fixing nitrogen to improve soil fertility, serving as a windbreak, and thriving with low water needs.

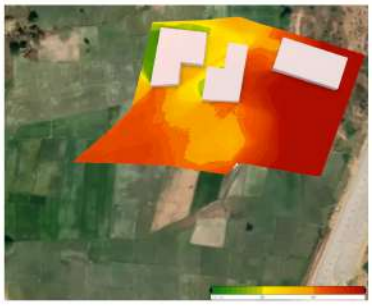


lowers temperatures, offering a natural landscape buffer, and supporting local biodiversity and groundwater recharge.

EXISTING MASS



NOISE ANALYSIS



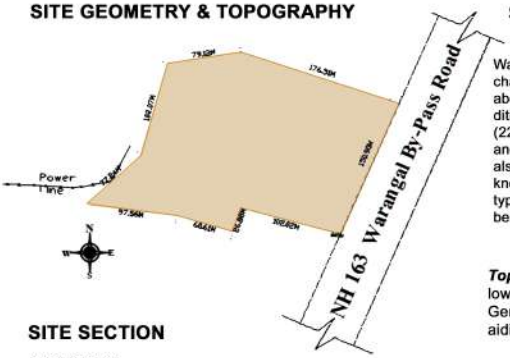
TRAFFIC ANALYSIS



WIND ANALYSIS

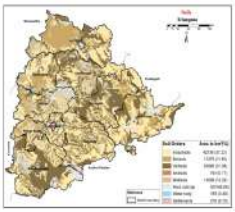


SITE GEOMETRY & TOPOGRAPHY



SOIL TYPE

Warangal primarily has red chalka soil which covers about 55% of the area. Additionally, black cotton soil (22%), loamy soil (14%), and sandy loams (9%) are also found. The region is known for its diverse soil types, with the red chalka being the most dominant.



Topography: Flat to gently sloping; well-suited for low-barrier construction and landscape integration. Gentle slope towards Dharmasagar canal to the west, aiding natural drainage.

LAND USE MAP



AVG TEMPERATURES & PRECIPITATION



Highest temp. : 42-43°C.
lowest temp. :13-17°C

Highest avg rainfall- 7-8 In
Months- April-Nov

SITE SECTION

SECTION AA



SECTION BB





SCALE 1:900

S	W
PRIME LOCATION ON NH 163 WITH EXCELLENT CONNECTIVITY TO CITY, RAILWAY, AND AIRPORT INTEGRATED CONVENTION + HOTEL + F&B FACILITIES UNDER PPP MODEL WITH LANDMARK DESIGN POTENTIAL	TRAFFIC CONGESTION & NOISE FROM NH 163 REQUIRING MITIGATION. RISK OF UNDERUTILIZATION & HIGH O&M COSTS IF EVENTS AREN'T FREQUENT.
O	**T**
CAN POSITION WARANGAL AS A REGIONAL MICE HUB, BOOSTING ECONOMY & TOURISM. SYNERGY WITH IT PARK & HERITAGE SITES TO ATTRACT CORPORATE AND CULTURAL EVENTS.	STRONG COMPETITION FROM HYDERABAD (HICC, HITEX). ENVIRONMENTAL & COMMUNITY IMPACTS (POLLUTION, CONGESTION) IF NOT MANAGED.

ANUSHRUTI SONI | 211110245

GUIDED BY | DR. SURABHI MEHROTRA

Parameter	Yashobhoomi – IICC, Dwarka	HICC, Hyderabad	Jio World Convention Centre, Mumbai	Bharat Mandapam, Delhi	HITEX, Hyderabad
Primary Role	Designed as India's largest integrated convention & exhibition hub, focusing on large summits, G20-scale meets, and global trade fairs.	First purpose-built international convention centre in India, serving IT hub Hyderabad with corporate and MICE events.	Positioned as an urban civic icon that merges MICE facilities with retail and cultural programming.	India's national-scale showcase for summits, expos, and political events, tightly linked to Pragati Maidan exhibition grounds.	Regional trade and exhibition venue, with one dominant hall and support structures.
Key Spaces & Sizes	Halls with 15 m clear height, divisible with operable partitions; 13 meeting rooms + 8 boardrooms; total capacity for 12,000+.	6 large halls (column-free), ballroom for banquets, seating up to 5,800 in theatre mode; divisible Jasmine halls.	Main auditorium (4,067 m², 6,051 seats); ballroom (3,486 m², 2,400 seats banquet mode); >25 meeting rooms.	Multipurpose halls of ~3,500 m² each, plus divisible 4,884 m² hall; integrated ballroom.	Hall-4 as a flexible expo space, supported by outdoor event areas.
Structure/Planning	Steel spans, clear column-free volumes, modularity; strong back-of-house/service corridors.	Focus on fast reconfiguration with movable partitions and direct catering access.	Advanced long-span steel/glulam structures; seamless integration of 44 truck docks + VIP/service segregation.	Steel lattice roof, insulated envelope, designed for large-volume gatherings.	Simple planning—main hall + admin + open forecourts.
Prefunction & Circulation	Large linear concourses and atria, used as social galleries.	Clear bands of circulation along halls for crowd dispersal.	A civic-scaled atrium, public concourses, and outdoor shaded courts act as "living rooms" of the city.	Robust concourses connect all halls and functions.	Outdoor courts serve as overflow or informal gathering.
Meeting Suite	21 rooms total (10–100 pax capacity), organized along a meeting gallery.	Flexible breakout spaces that serve corporates.	>25 meeting rooms + executive lounges, organiser suites, and VIP areas.	Conference cabins integrated into expo grounds.	Smaller rooms linked to admin block.
Iconic/Contextual Design	Uses jaali, local stone, and Indian motifs as cultural branding.	Contemporary façade, functional but understated.	Highly experiential interiors with lotus motifs, crafted ceilings, and LED canopy.	National symbolism with monumental portals.	Functional and pragmatic, less iconic.
Ops & Back-of-House	Strong logistics—direct service corridors to every hall, seamless catering.	Proven F&B delivery with banquet kitchens tied to ballroom.	44 loading bays; separate VIP/service circulation.	Admin + service zones integrated with halls.	Admin block + simple service corridors.
Sustainability/Envelope	Daylit atria, efficient HVAC, LEED-compliant.	Regional stone + shading strategies.	Passive-first design; universal accessibility baked in.	Insulated roofing for large spans.	Outdoor shaded zones reduce reliance on AC.
Capacities Benchmarks	Can host 10,000+ simultaneously.	Theatre capacity ~5,800.	Main hall 6,051 + ballroom 2,400 banquet.	Multipurpose halls 3,500 each.	Large expo scale, but mostly trade fairs.
Flow & Security	Segregated VIP/public/media routes.	Access control for corporates.	Multiple dedicated VIP lifts + secure routes.	Clear entry points and barriers for crowd control.	Easily policed outdoor campus.
					

KEY TAKE AWAYS :



CENTRAL CORRIDOR HAVING CONNECTING BRIDGE FOR EXHIBITION CENTER AND CONVENTION CENTER



HVAC SHAFTS OPENING IN THE CENTRAL LOBBY TO COOL THE OPEN AREA



BUILDINGS CAN BE VENTILATED AND/OR COOLED BY TAKING ADVANTAGE OF NATURALLY OCCURRING WIND CURRENTS.





SKYLIGHT IN THE EXHIBITION HALL AND COMAN SPACES TO MINIMIZE ELECTRICITY LOAD AND MAXIMIZE NATURAL LIGHT



DURING WARM SUMMER MONTHS, OVERHANGS BLOCK UNWANTED DIRECT SUNLIGHT FROM SOLAR GLAZING, REDUCING COOLING LOADS.



BLEND MODERN ENVELOPE WITH LOCAL JAALI/STONE AND SHADED COURTS, PER RFP'S "URBAN RESPONSE" BRIE



TREES AND VEGETATION SHADE BUILDINGS AND SURFACES, WHILE WATER EVAPORATING THROUGH THEIR LEAVES LOWERS NEARBY AIR TEMPERATURES.

The Liquid Spine" - Convention Centre as a Flowing Interior Street

Flow, Connection, and Continuity

The concept draws inspiration from the experience of walking along a vibrant central street — a place that naturally connects diverse destinations while offering moments of pause, interaction, and discovery.

Just as a street weaves through a city, the Liquid Spine threads through the Warangal International Convention Centre, linking its many functions into a single immersive journey.

The spine is more than a passage; it is the social heart, exhibition promenade, and dynamic connector that activates every space. Its curvature follows site contours, climate response, and visitor movement, while transparency and openness ensure constant visual exchange between interior and exterior.







Philosophy

Much like rivers carve and nourish the landscape, the Liquid Spine is conceived as an organic axis fostering growth, interaction, and expansion. The philosophy emphasizes:

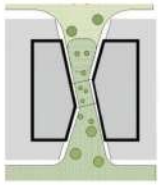
Seamless flow and flexibility: Spaces branch from a modular central corridor, enabling future adaptation and organic growth.

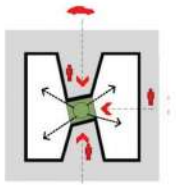
Transparency and interconnectedness: Use of glass, bridges, and visual corridors ensures constant glimpses of activity, metaphorically breaking down walls and fostering community.

Dynamic transformation: Lighting and ambiance along the spine change in response to events, creating a living architectural experience.

This approach honors the Deccan Plateau's ever-changing landscapes and Telangana's social vibrance, encouraging balance, harmony, and resilience.



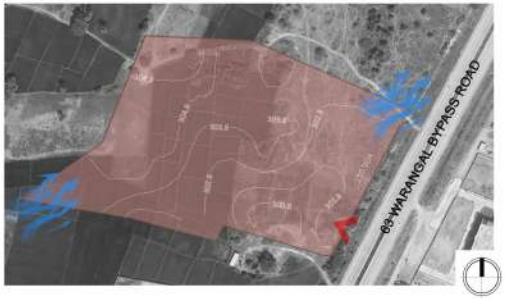


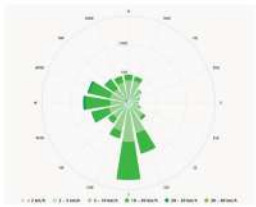


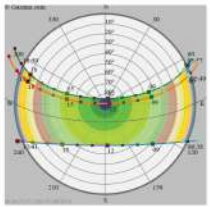
SITE ZONING



INFERENCES FROM SITE ANALYSIS







Prominent Wind Direction: The dominant wind flows south and southwest; therefore, orient primary building openings and facade fenestrations to harness natural ventilation and enhance comfort.

Building Placement: Major blocks are sited at the highest contour, maximizing panoramic views and landmark visibility, celebrating Warangal's topography and sense of place.

Sun Orientation: Glazed corridors and public spaces are positioned for optimal daylight without harsh solar gain; shading and landscape are informed by sun path analysis.

Access & Connection: Routes align with existing roads and busy intersections for easy public access and visibility—further reinforcing the spine as a local destination.

Application

The Liquid Spine concept and hanging rock shapes both the architecture and user movement:

Central Axis: A wide, gently curving corridor connects all major halls, meeting rooms, hotels, and event spaces. Cafes, lounges, and art installations line its path, transforming circulation into an event itself.

Fluid Geometry: Spaces branch off like tributaries, allowing expansion without disrupting core circulation.

Glass and Bridges: Visual connections abound, giving every part of the building glimpses into other activities. This fosters excitement and belonging.

Lighting Strategy: Embedded lighting shifts throughout the day and during events, enlivening the building and marking atmospheres.

Promenade Experience: Echoes global precedents (High Line, Jewel Changi) for engaging, walkable interiors.

Material Continuity: Using the same locally sourced granite as key building elements or pavements can unify the site's material palette, grounding the contemporary design in regional tradition.

INFERENCES FROM CASE STUDIES & DESK APPRAISAL



Yashobhoomi, Dwarka , DELHI

The facility is organised into two distinct yet complementary blocks — one dedicated to the convention centre and the other to the exhibition hall.

These are connected by a prominent central spine that not only acts as a circulation link but also houses informal meeting spaces, breakout lounges, and art display areas.

This separation allows events of different scales to be hosted simultaneously without operational interference, while the spine ensures a sense of unity across the complex.



Hyderabad International Convention Centre (HICC)

Designed with a shared drop-off area catering to both the attached hotel and the convention facilities, enabling easy and seamless access for delegates and guests.

This arrangement reduces vehicular congestion, creates a centralised arrival experience, and visually reinforces the relationship between hospitality and conferencing functions.

The common forecourt doubles as an outdoor gathering space for networking or pre-event activities.



Jio World Convention Centre (JWCC)

Interiors incorporate traditional ornamentation and detailing, blending cultural motifs with modern materials to create a memorable and regionally resonant environment.

Exhibition halls feature viewing galleries above the main floor, offering vantage points for organisers, media, and VIP guests to observe large events without disrupting operations.

Public spaces are designed to be experiential with curated art, lighting, and landscaping that enhance the user journey.



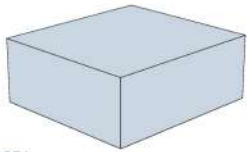
Bharat Mandapam, Delhi

The building adopts a circular form, symbolising unity and continuity, which also improves movement flow around central gathering spaces.

An auditorium is integrated within the main plan, enabling the hosting of cultural performances, keynote sessions, and ceremonial events without requiring a separate venue.

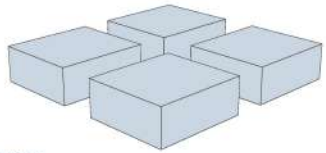
The form and internal organisation allow for flexible zoning, accommodating both intimate gatherings and large-scale exhibitions within the same architectural language.

Form Evolution



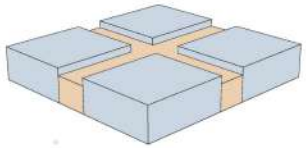
STAGE 1

RECTANGEL /SQUARE SHAPE FOR THE BLOCK



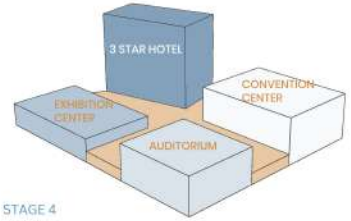
STAGE 2

4 DIFFERENT BLOCKS FOR HOTEL , CONVENTION HALL, AUDITORIUM & EXHIBITION HALL



STAGE 3

CONNECTED BLOCKS WITH CENTRAL CORRIDOR



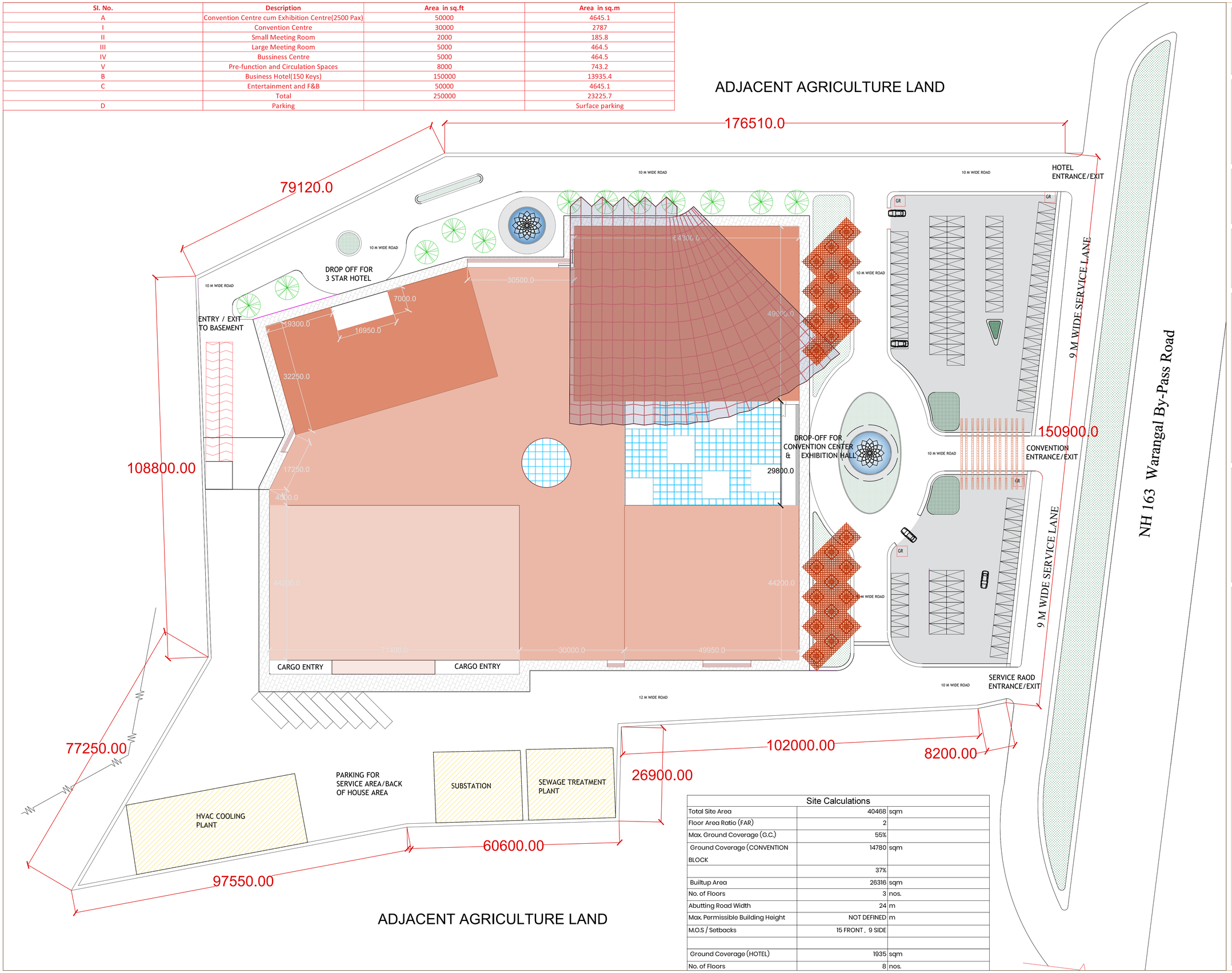
STAGE 4

PLACEMENT OF STRUCTURE WITH SITE CONTEXT

ANUSHRUTI SONI | 211110245

GUIDED BY | DR. SURABHI MEHROTRA

Sl. No.	Description	Area in sq.ft	Area in sq.m
A	Convention Centre cum Exhibition Centre(2500 Pax)	50000	4645.1
I	Convention Centre	30000	2787
II	Small Meeting Room	2000	185.8
III	Large Meeting Room	5000	464.5
IV	Bussiness Centre	5000	464.5
V	Pre-function and Circulation Spaces	8000	743.2
B	Business Hotel(150 Keys)	150000	13935.4
C	Entertainment and F&B	50000	4645.1
	Total	250000	23225.7
D	Parking		Surface parking



Site Calculations		
Total Site Area	40468	sqm
Floor Area Ratio (FAR)	2	
Max. Ground Coverage (G.C.)	55%	
Ground Coverage (CONVENTION BLOCK	14780	sqm
	37%	
Builtup Area	26316	sqm
No. of Floors	3	nos.
Abutting Road Width	24	m
Max. Permissible Building Height	NOT DEFINED	m
M.O.S / Setbacks	15 FRONT , 9 SIDE	
Ground Coverage (HOTEL)	1935	sqm
No. of Floors	8	nos.

PROJECT :

WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :

TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

DRAWING :

SITE PLAN

SCALE :

1:500

NORTH

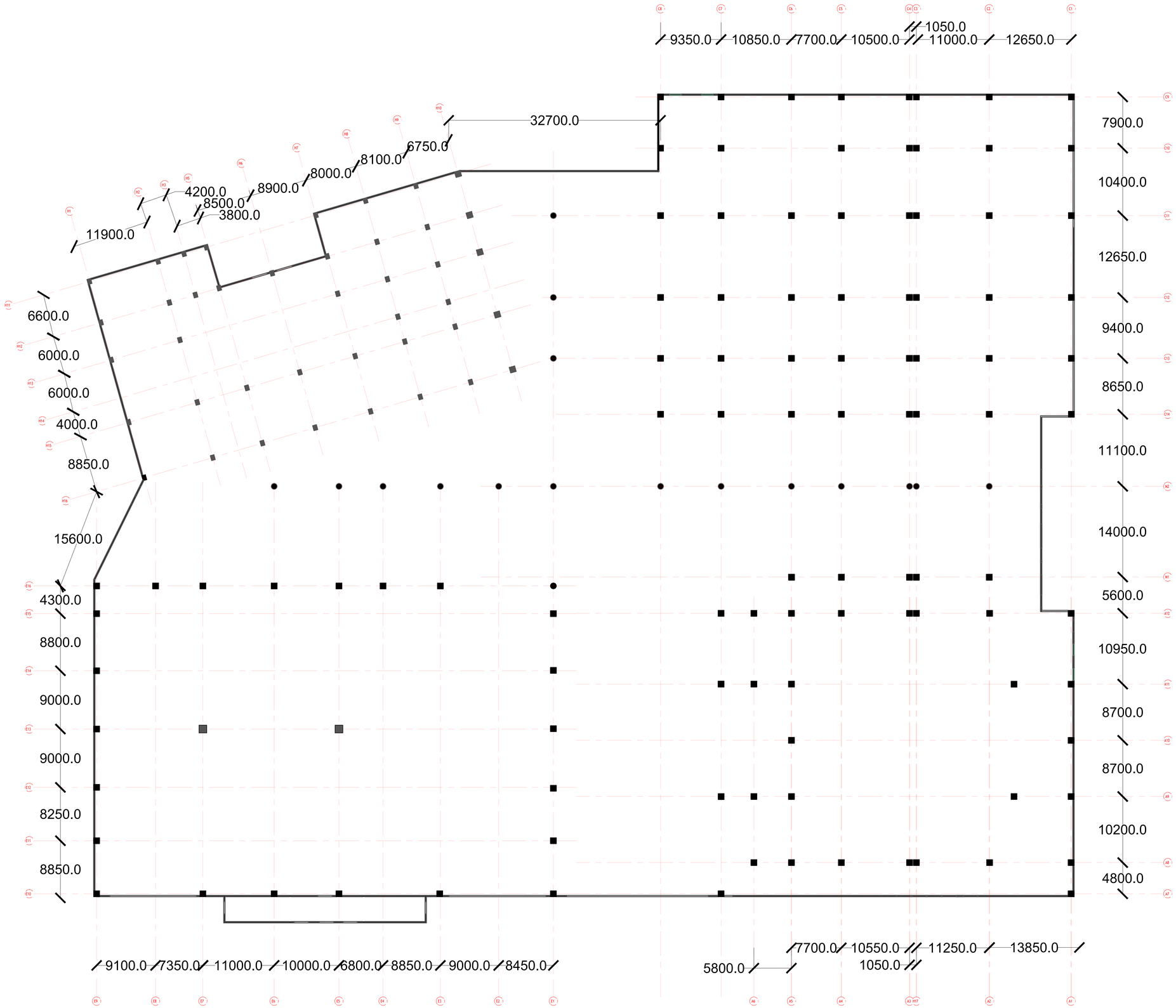
KEY PLAN:

ANUSHRUTI SONI
211110245
B.ARCH SEM-9
THESIS 2025
GUIDED BY :
DR. SURABHI MEHROTRA

NOTE :

1. ALL DIMENSIONS ARE IN mm (MILLIMETER).
2. DRAWING SHALL NOT BE SCALED AND ONLY
3. WRITTEN DIMENSIONS SHALL BE FOLLOWED.
4. IN CASE OF ANY DISCREPANCY FOUND IN DRAWINGS AND DETAILS, IT SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT, AND RECTIFIED, PRIOR TO ITS EXECUTION.
5. THIS DRAWING IS ISSUED STRICTLY WITH AN UNDERSTANDING THAT IT WILL BE USED ONLY FOR THE PURPOSE MENTIONED AND SHALL BE RETURNED AFTER COMPLETION.
6. THIS DRAWING SHALL BE REFERED ONLY FOR THE PURPOSE MENTIONED IN ITS TITLE (FLOORING PATTERN, FALSE CEILING, SHUTTERING PATTERN,ELECTRICAL, PLUMBING, ETC.)

THESIS 2025



PROJECT :

WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :

TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

DRAWING :

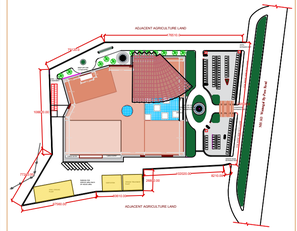
COLUMN LAYOUT PLAN

SCALE :

1:300

NORTH

KEY PLAN:



ANUSHRUTI SONI
211110245
B.ARCH SEM-9
THESIS 2025
GUIDED BY :
DR. SURABHI MEHROTRA

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THESIS 2025

DROP-OFF
FOR 3 STAR HOTEL

3-STAR HOTEL
ENTRANCE

COMMAN WAITING AREA

CURRENCY
EXCHANGE

STAIRCASE

HOTEL
RECEPTION

ENTRANCE
FROM HOTEL TO CONVENTION
CENTER

WASHROOM

WASHROOM

LUGGAGE ROOM

SERVICE ROOMS

kiosk

kiosk

kiosk

kiosk

kiosk

STORAGE &
PANTRY/KITCHEN

SERVICE ROOM

SERVICE ENTRANCE

ADMIN / VIP
ENTRANCE

PRE FUNCTION
AREA

ATRIUM

VIP ROOM
5.5 x 4.6 m

VIP ROOM
5.5 x 4.6 m

VIP LOBBY
4.4 m WIDE

STAFF LOCKER
ROOM
9.6 x 4.7 m

TOI (F)

TOI (M)

TOI (M)

TOI (F)

PANTRY
8.4 x 4.9 m

ELECTRICAL
ROOM
3.8 x 7.4 m

ADMIN
RECEPTION

ASSEMBLY AREA

6.6 x 4 m
ROOM
AV AND IT

6.6 x 4 m
ROOM
/MAINTENANCE
SURVEILLANCE

SECRETARY
ROOM
3.6 x 5 m

MANAGER
ROOM
3.6 x 5 m

DIRECTOR
ROOM
6 x 3.4 m

AHU ROOM
6 x 3.4 m

ACCOUNTANT
ROOM
4.9 x 7.4 m

STORAGE
4.9 x 7.4 m

STAFF
CONFERENCE
ROOM
7.8 x 13 m

8.5 M WIDE
LOBBY

MEETING ROOM
9.4 x 10.4 m

MEETING ROOM
9.4 x 10.4 m

4.6m WIDE LOBBY
VIP LOBBY

5.5 x 4.6 m
VIP ROOM

5.5 x 4.6 m
VIP ROOM

CONVENTION
RECEPTION

CONTROL
ROOM
4 x 5.2 m

AV
ROOM
2.1 x 3.5 m

INTP
ROOM
2.1 x 3.5 m

ENTRANCE
5.6 m WIDE

WAITING
LOUNGE
2.1 x 3.5 m

CONFERENCE
ROOM
13.2 x 17.8 m
200 Pax

FIRE ESCAPE
STAIRCASE

12 M WIDE
LOBBY

GL

GL

GL

KIOSK

KIOSK

KIOSK

WAITING
LOUNGE
2.1 x 3.5 m

ENTRANCE
5.6 m WIDE

CONFERENCE
ROOM
13.2 x 17.8 m
200 Pax

AV
ROOM
2.1 x 3.5 m

INTP
ROOM
2.1 x 3.5 m

CONTROL
ROOM
4 x 5.2 m

RECEPTION
DESK

DOUBLE
HEIGHT SPACE

FOYER
24 m WIDE

DROP-OFF
FOR CONVENTION
CENTER/EXHIBITION HALL

REGISTRATION
CENTER

CLOAK
ROOM
8.6 x 5 m

MEDIA
ROOM
8.6 x 5 m

VIP
ROOM
7 x 5 m

ORGANIZER
ROOM
5.2 x 3 m

ENTRY
ORGANIZER

LOBBY
4 m WIDE

BACK STAGE
ENTRANCE

VIP
LOUNGE
4.8 x 4.6 m

GREEN
ROOM
2.3 x 4.6 m

GREEN
ROOM
2.3 x 4.6 m

TOI (F)

JANITOR
ROOM

TOI (M)

EXHIBITION HALL

71 X 43 M

1000-1500 PAX
(BOOTH STYLE)

MEETING ROOM
9 x 3.8 m

EMERGENCY EXIT
9 x 3.8 m

MEETING ROOM
9 x 3.8 m

AUDITORIUM
ENTRANCE

RECEPTION
DESK

LOBBY
4 m WIDE

WAITING
LOBBY
4.5 m WIDE

AUDITORIUM
800 PAX

LOBBY
4 m WIDE

STAGE
10 x 31 m

BACK
STAGE
9 m WIDE

CONTROL
ROOM
5.3 x 6.6 m

CONTROL
ROOM
5.3 x 6.6 m

LOBBY
4 m WIDE

BACK STAGE
ENTRANCE

TOI (F)

DISABLED
FACILITY

TOI (M)

EMERGENCY
EXIT
9.5 m WIDE

BACK STAGE
ENTRY

STORAGE
3.9 x 4.6 m

STORAGE
3.9 x 4.6 m

COMMAN
WASHROOM

PROJECT :

WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :

TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

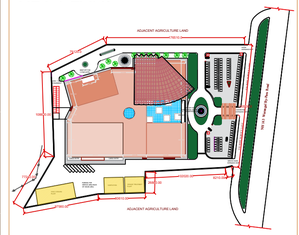
DRAWING :

GROUND FLOOR PLAN

SCALE :
1:250

NORTH

KEY PLAN:

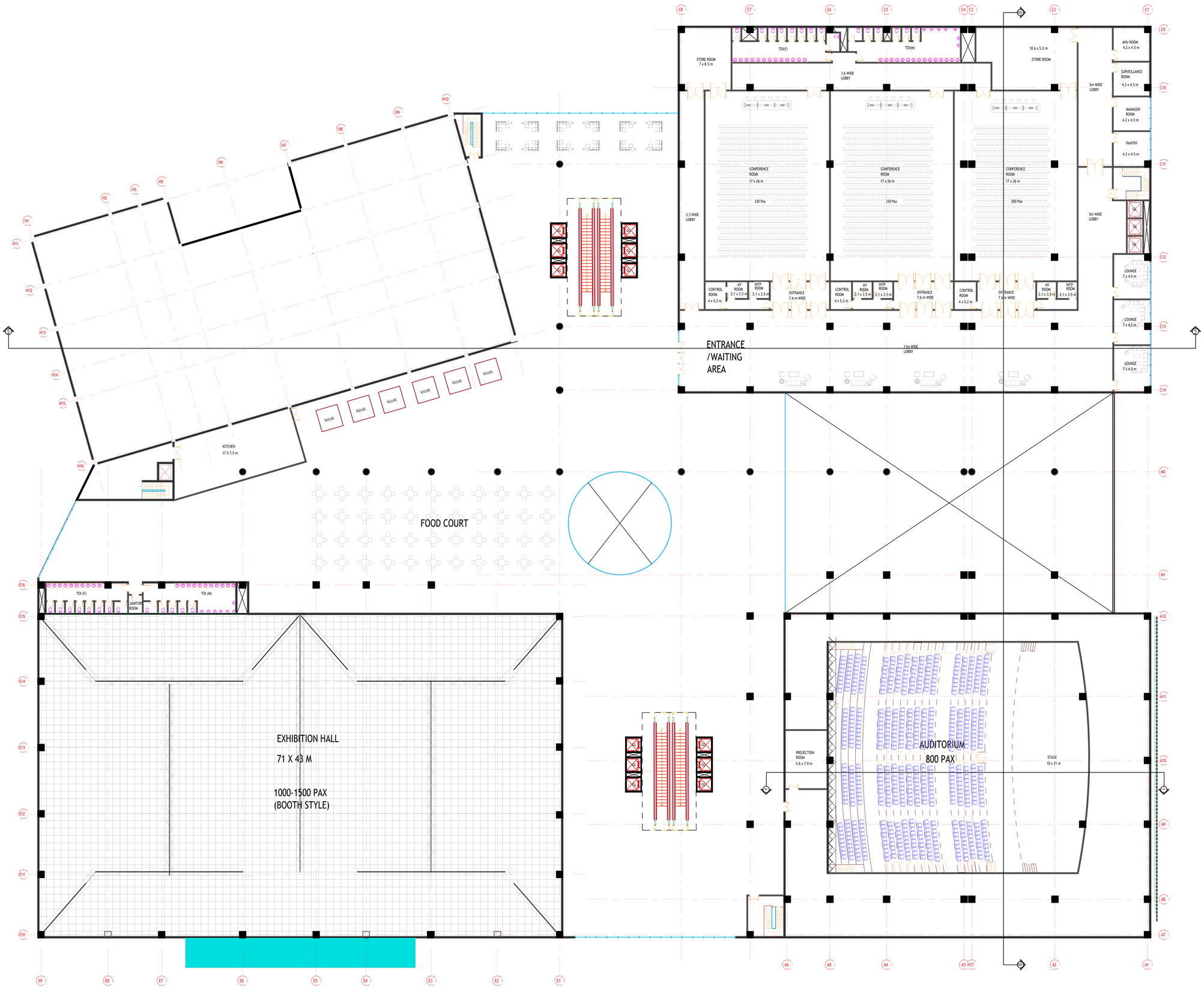


ANUSHRUTI SONI
211110245
B.ARCH SEM-9
THESIS 2025
GUIDED BY :
DR. SURABHI MEHROTRA

NOTE :

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THESIS 2025



PROJECT :

WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :

TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

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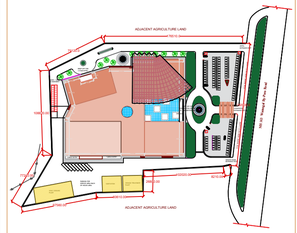
FIRST FLOOR PLAN

SCALE :

1:250

NORTH

KEY PLAN:

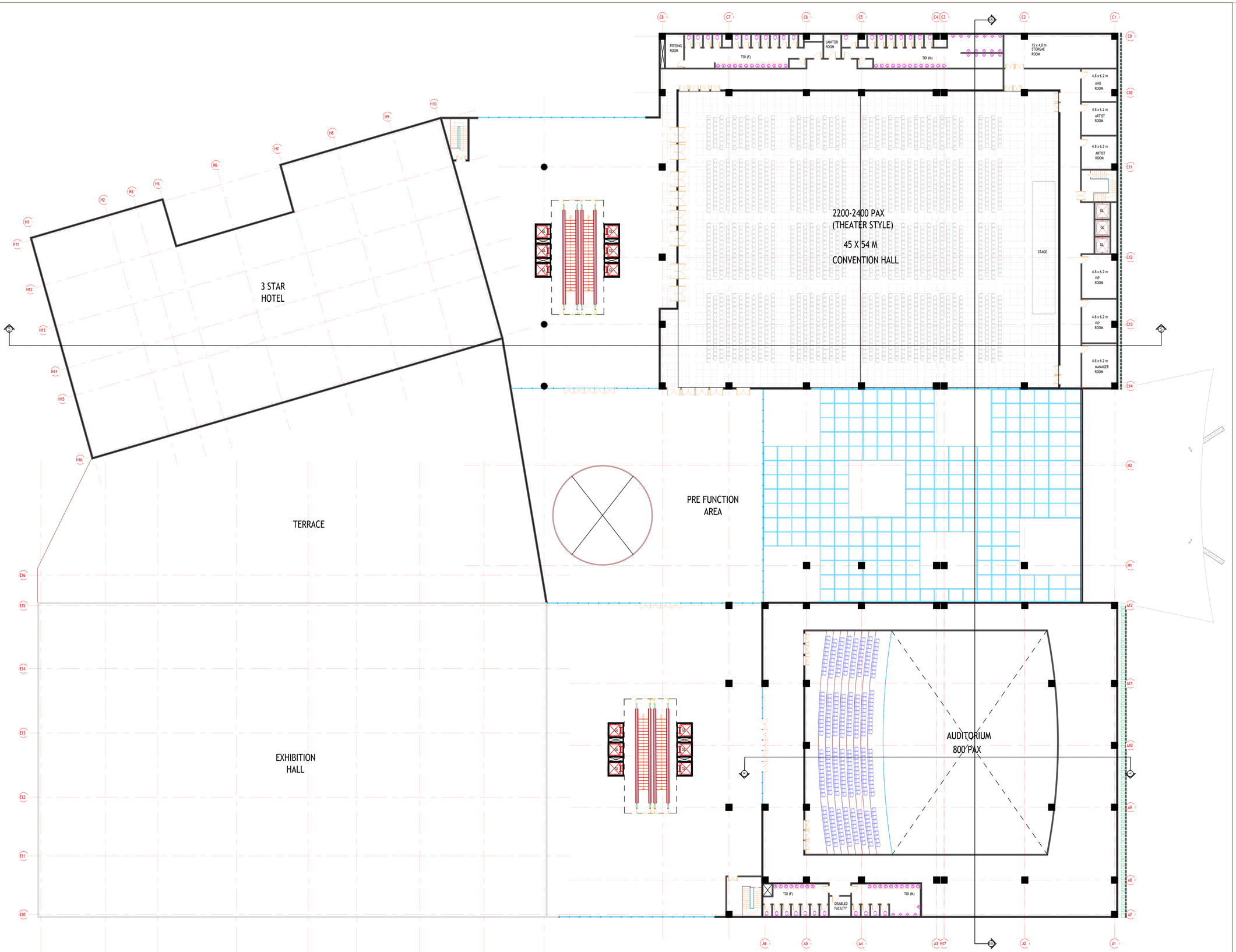


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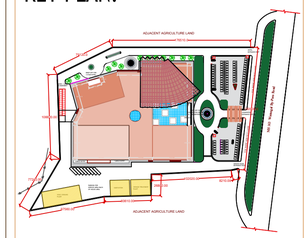
SECOND FLOOR PLAN

SCALE :

1:250

NORTH

KEY PLAN:



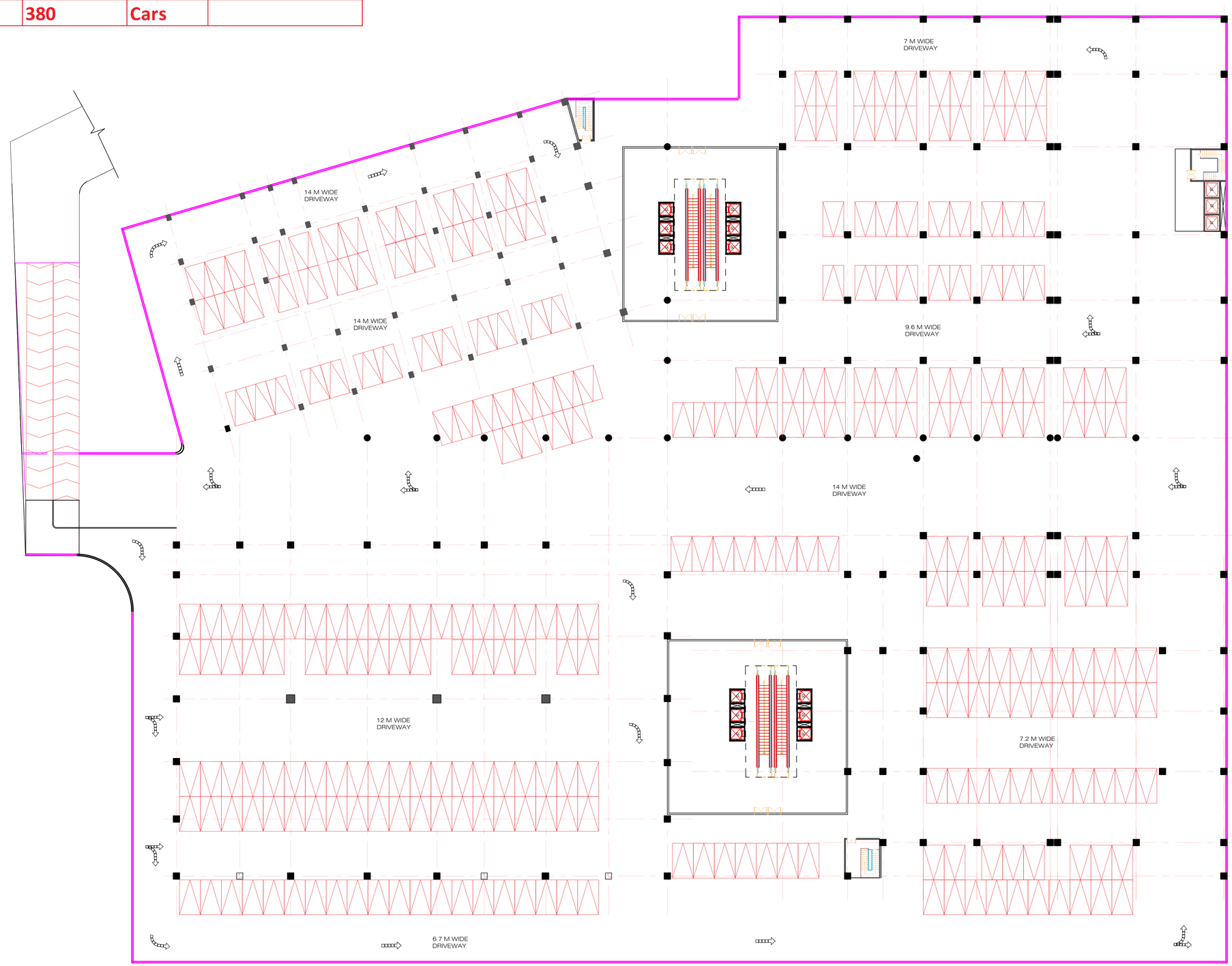
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THESIS 2025

Proposed Parking			
Basement B1	280		
On Site	100		
Total	**380**	**Cars**	



PROJECT :

WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :

TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

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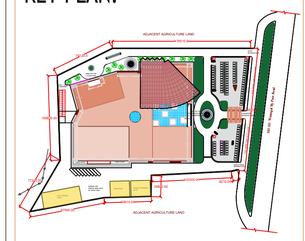
BASEMENT LEVEL PLAN

SCALE :

1:300

NORTH

KEY PLAN:

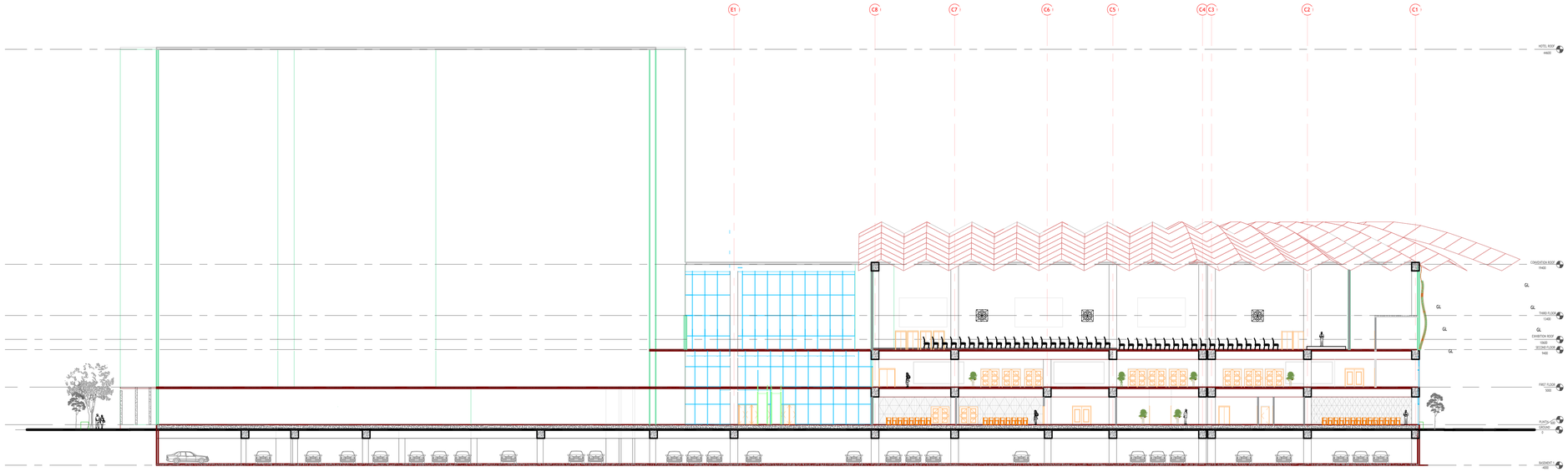


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THESIS 2025
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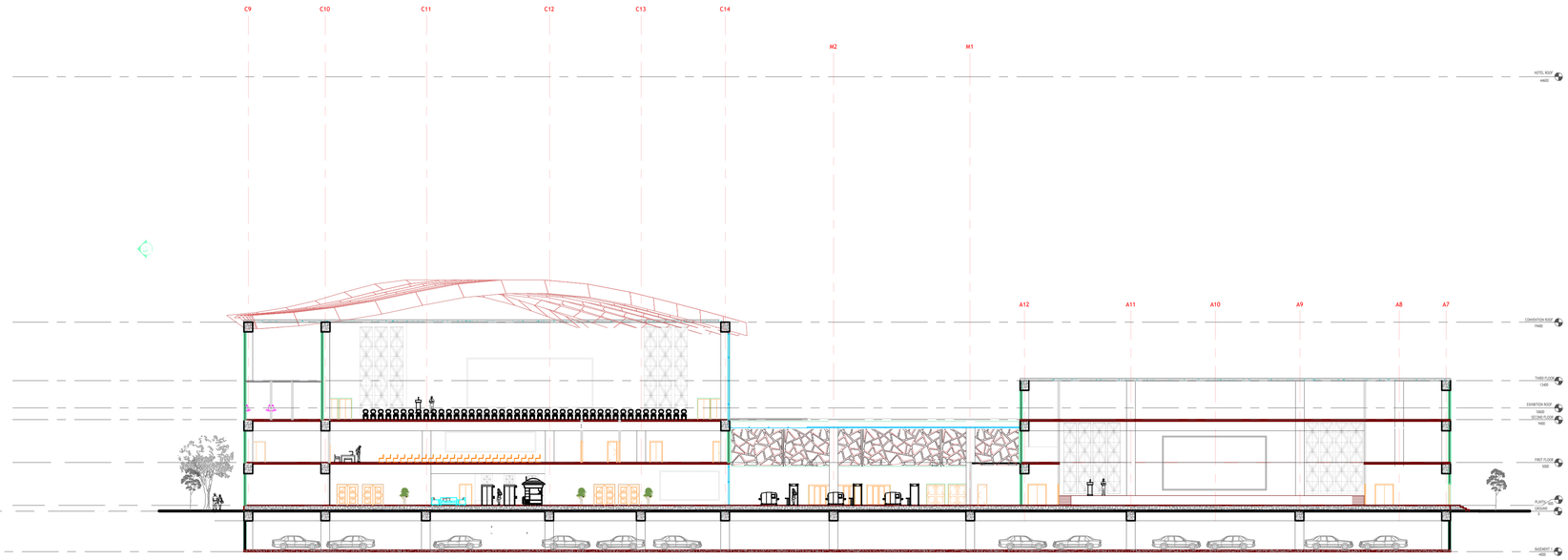
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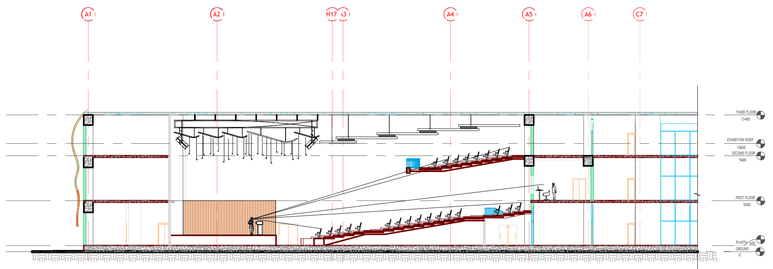
THESIS 2025



SECTION AA'



SECTION BB'



SECTION XY

PROJECT :

WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :

TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

DRAWING :

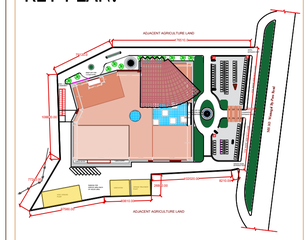
SECTION

SCALE :

1:300

NORTH

KEY PLAN:



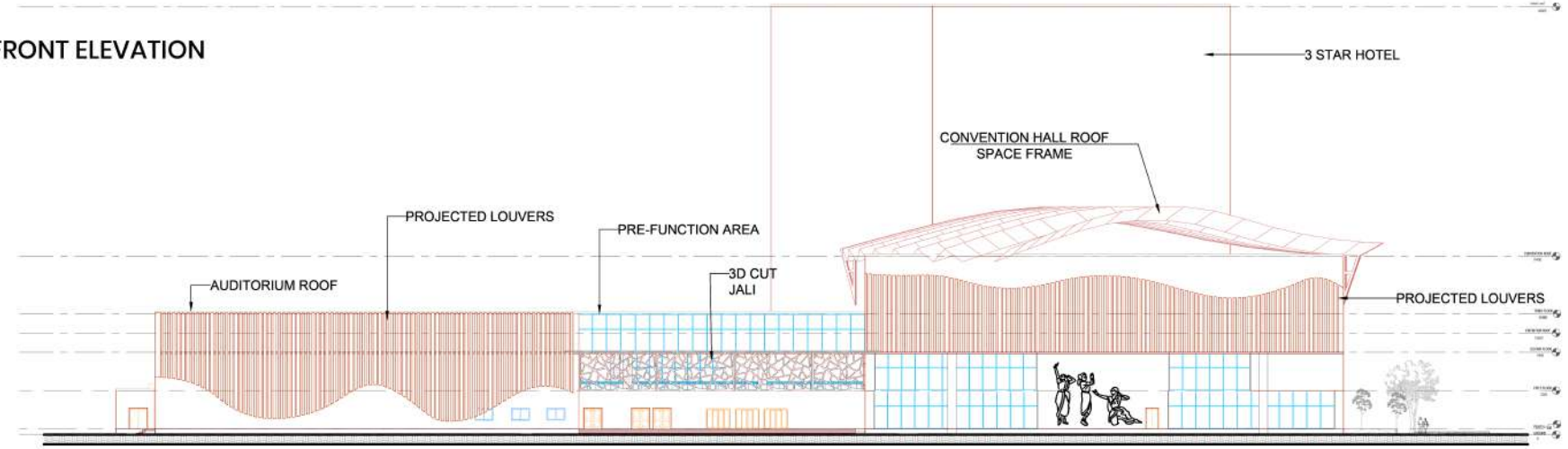
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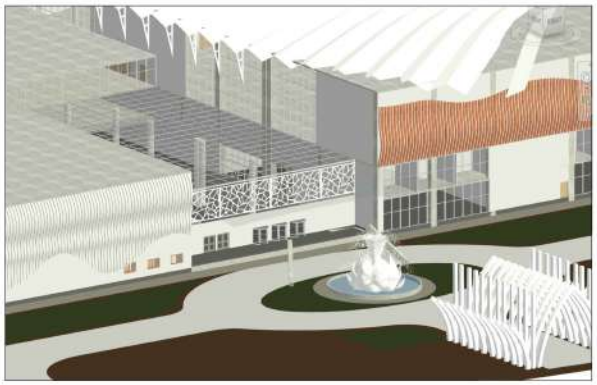
FRONT ELEVATION













3D VIEWS AND RENDER

PROJECT :
WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :
TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

DRAWING :
ELEVATION AND VIEWS

SCALE :
1:250

NORTH

KEY PLAN:

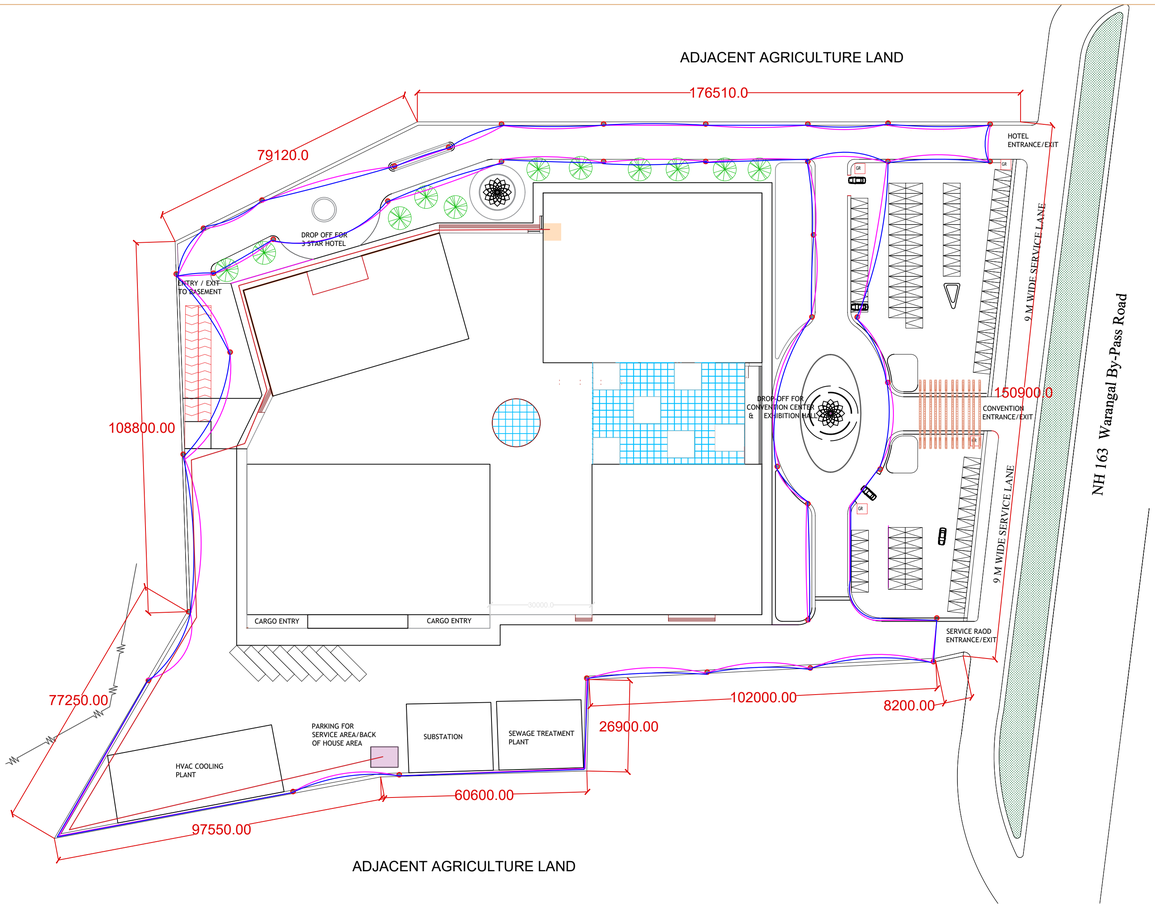


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211110245
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SITE ELECTRICAL PLAN

SCALE - 1:900

LEGEND

- MAIN 11 KV SUPPLY LINE
- CONNECTION LINE FROM LT PANELS
- EMERGENCY CONNECTION LINE
- STEP DOWN LINE 420 KV
- ELECTRICAL CONTROL ROOM
- DG ROOM
- 2500 KVA 11 KV TO 420 V STEP DOWN TRANSFORMER
- ELECTRICAL SHAFTS
- STREET LAMPS

Emergency Power Calculation

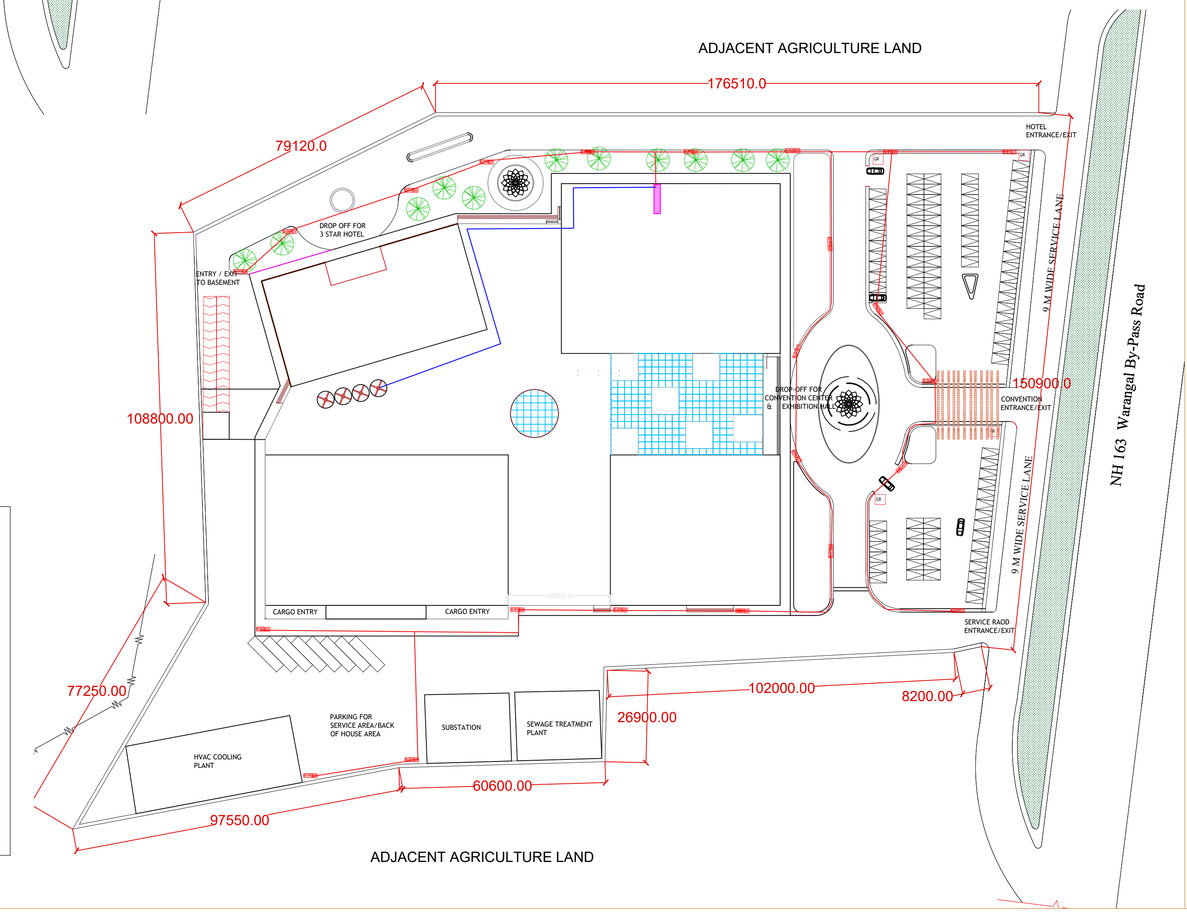
Total Connected Load (kW)	657.9	
80% Emergency	526.32	526.32
PF	0.8	
Emergency kVA	657.9	657.9
Recommended DG	750 kVA	

Electric Load Calculation

Avg consumption	25 W/m2	
Built-up Area	26316 m2	
Total Connected Load (W)	657900	657900
Load (kW)	657.9	657.9
Power Factor	0.8	
Total Load (kVA)	822.375	822.4
Recommended Transformer	1000 kVA	

SITE FIRE FIGHTING PLAN

SCALE - 1:900



PROJECT :

WARANGAL INTERNATIONAL CONVENTION CNETER

CLIENT :

TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

DRAWING :

SITE SERVICES

SCALE :

AS MENTIONED

NORTH

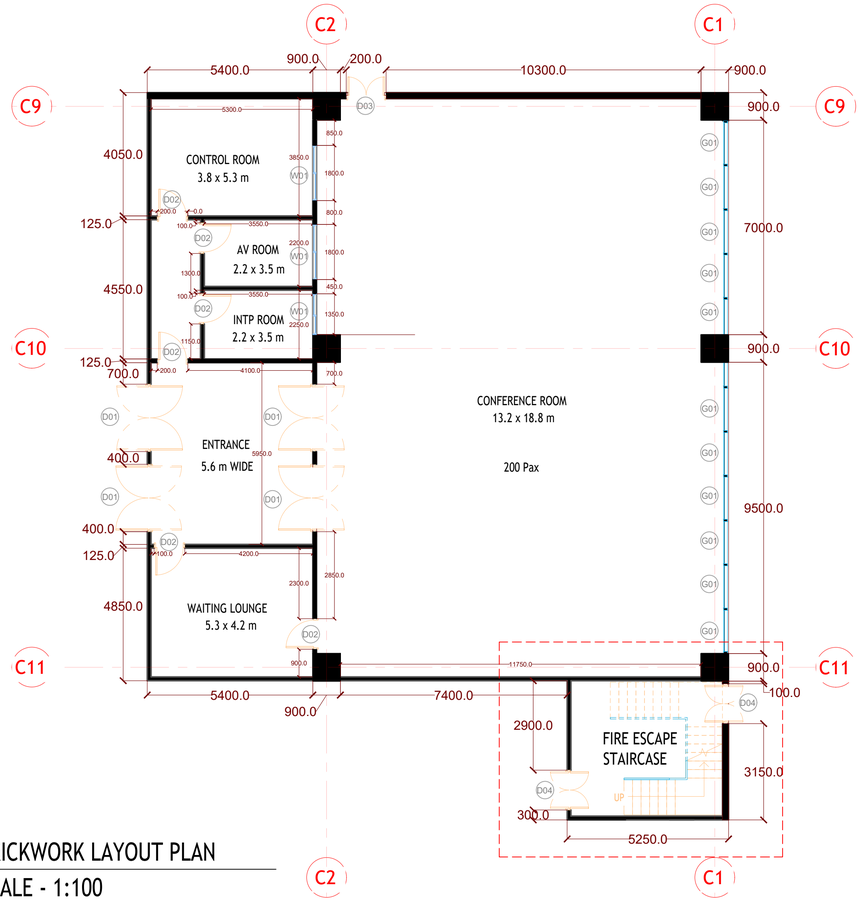
KEY PLAN:

ANUSHRUTI SONI
211110245
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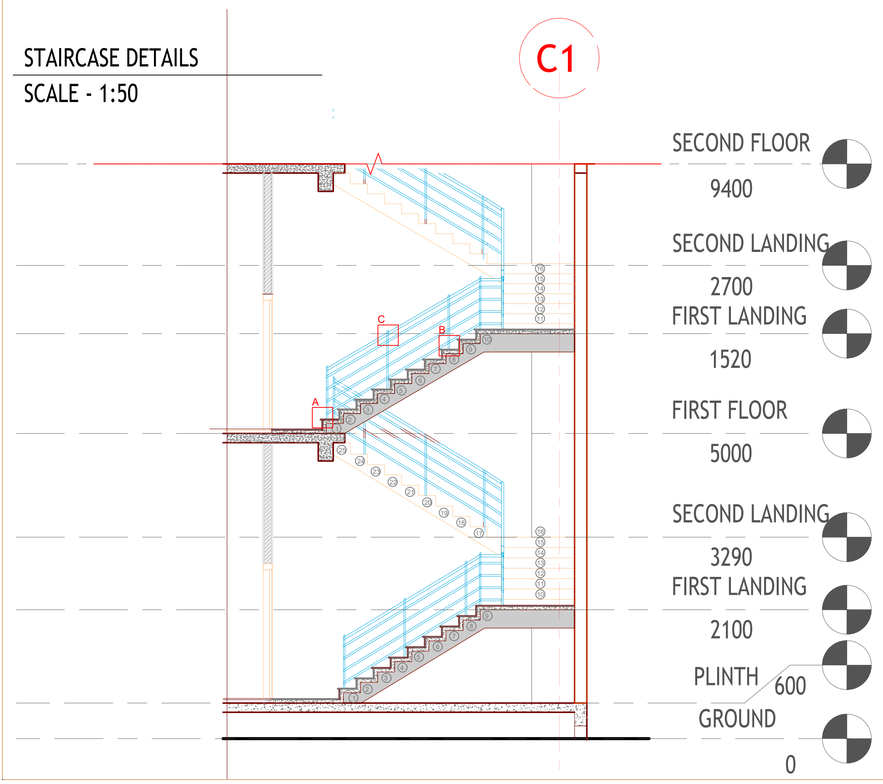


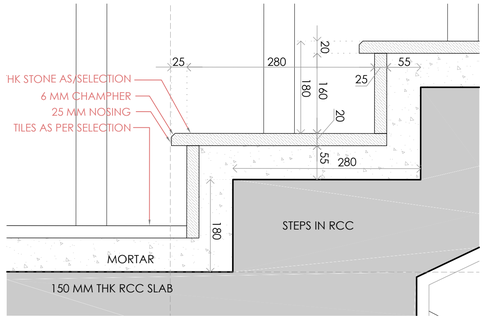
BRICKWORK LAYOUT PLAN

SCALE - 1:100

STAIRCASE DETAILS

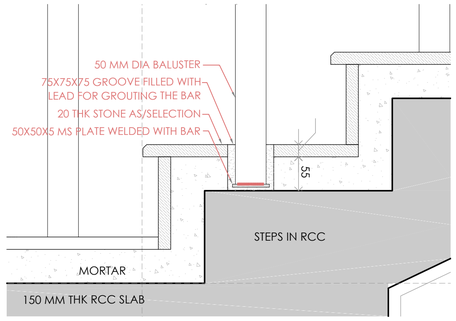
SCALE - 1:50





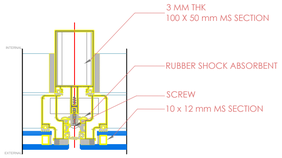
DETAILS A

SCALE - 1:5



DETAIL D

SCALE - 1:5

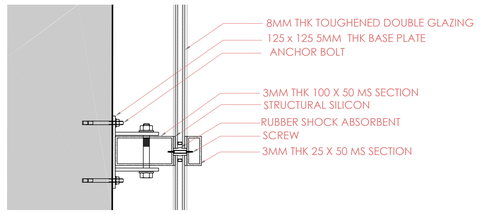


SECTION AA'

SCALE - 1:4

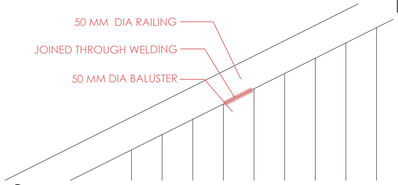
OPENING SCHEDULE

TYPE	SPAN	SILL	HT.	REMARKS
D01	2100	00	2100	DOUBLE FLUSH DOUBLE ACTING
D02	900	00	2100	SINGLE FLUSH
D03	1200	00	2100	DOUBLE FLUSH FIRE DOOR
D04	1200	00	2100	DOUBLE FLUSH DOUBLE ACTING
W01	1800	00	3000	12mm Toughened ,Printed Perforated Glass , AV Control Vision Panel



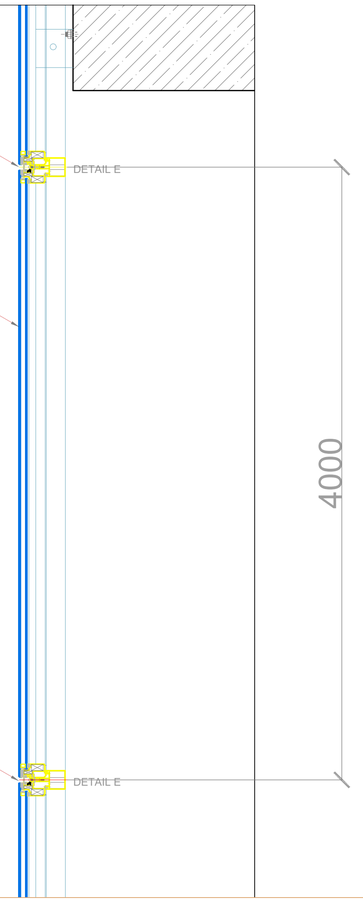
DETAIL B

SCALE - 1:5



DETAIL C

SCALE - 1:5



SECTION AA'

SCALE - 1:20

PROJECT :
WARANGAL INTERNATIONAL CONVENTION CNETER

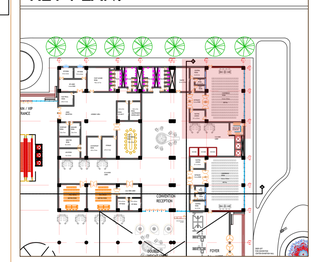
CLIENT :
TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION (TSIIC)

DRAWING :
WORKING DRAWING - CONFERENCE ROOM

SCALE :
AS MENTIONED

NORTH

KEY PLAN:



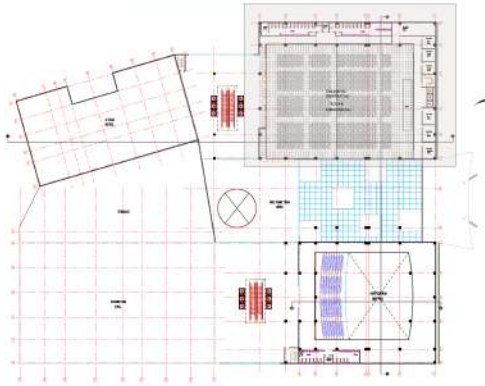
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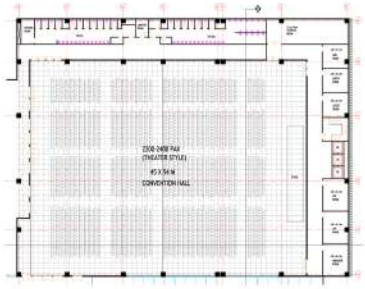
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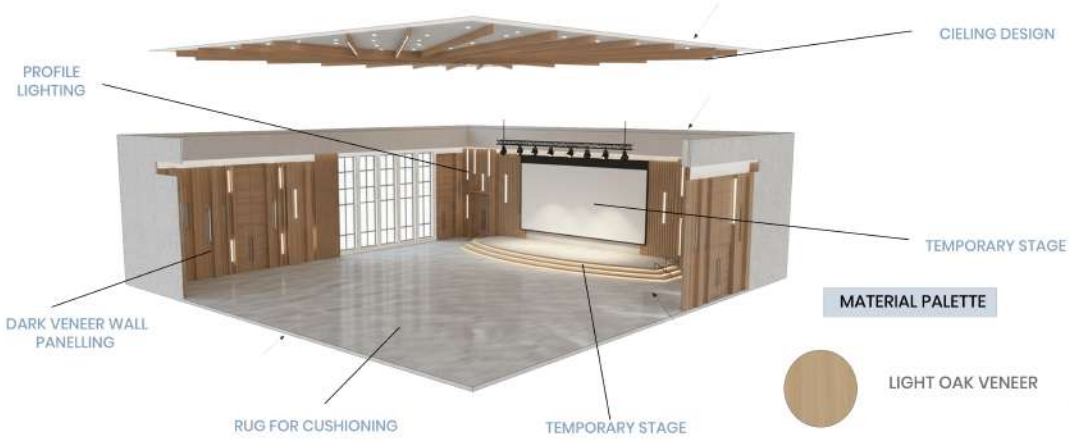
SECOND FLOOR LEVEL



CONVENTION HALL
2200-2500 CAPACITY



ISOMETRIC VIEW



The convention hall interior is designed with a warm and contemporary aesthetic. The material palette combines natural wood finishes on the wall panels and ceiling battens with neutral-toned acoustic panels to enhance both visual warmth and sound quality. A full-height curtain wall glazing allows abundant natural light to flood the space, reducing dependence on artificial lighting during the day. The lighting layout integrates recessed LED downlights and linear fixtures, ensuring balanced illumination and highlighting architectural features. The color palette of muted greys and warm browns creates a sophisticated ambiance suitable for formal gatherings and large-scale events, while the use of wood and soft light adds a sense of comfort and elegance

MOOD BOARD



MATERIAL PALETTE

LIGHT OAK VENEER



PATTERNED GREY CARPET



LED DOWN LIGHTER



WALNUT VENEER



THEATRE STYLE SEATING



BANQUET STYLE SEATING

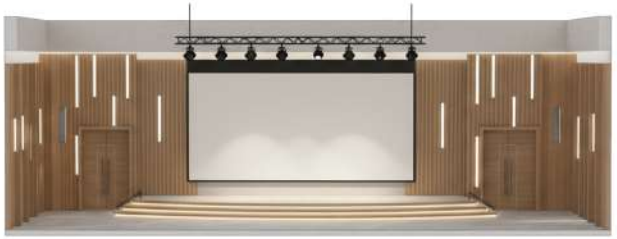


CIELING PATTERN

INTERIOR VIEWS



CONVENTION HALL VIEW



STAGE VIEW



SIDE WALL PANELLING

ANUSHRUTI SONI | 211110245
GUIDED BY | DR. SURABHI MEHROTRA

MATERIAL PALETTE



WALL PANEL

Fabric acoustic panels absorb sound and reduce reverberation, enhancing speech clarity and overall acoustic comfort. They are typically made of porous cores wrapped in fabric, offering both functional sound control and aesthetic appeal.

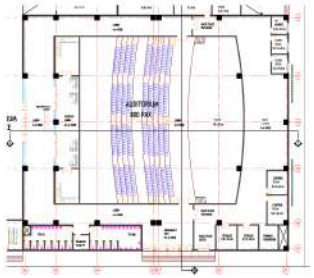


FLOOR CARPET

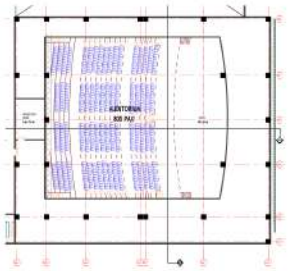
It is very attractive, and it presents a warm and welcoming atmosphere. This carpet features non-slip backing, colors that stimulate concentration, sound reduction, helps to maintain air quality, and resistant to traffic.



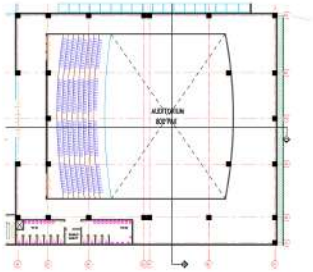
Timber acoustic panels offer class A sound absorption. They are designed to minimize noise and enhance the internal sound according to desire. They ensure a unique level of acoustic options in terms of dimensions, slots, and perforations and can be flame retardant.



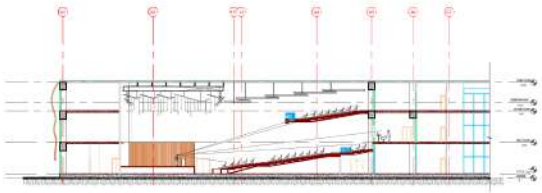
GROUND FLOOR LEVEL



FIRST FLOOR LEVEL



SECOND FLOOR LEVEL





WALL AND CIELING PANEL

A Marley Roll is made of long-lasting vinyl material, doesn't absorb liquid, durable, and comes in portable, semi-permanent, and permanent installation options. This type of flooring is resilient, durable, and easy to roll out.



SEATING

The Riviera is a luxurious executive style conference chair developed with ergonomics and comfort in mind. Its wide seat, high back and plush padding with gravity tip-up seat.



The palette combines earthy browns and rich maroon tones to create a sophisticated and immersive atmosphere within the auditorium. The deeper hues evoke warmth and depth, ideal for performance settings, while the lighter browns add balance and elegance. Together, these shades

ACOUSTIC CALCULATION

ACOUSTIC DESIGN

WARANGAL INTERNATIONAL CONVENTION CENTE (AUDITORIUM 800-900 PAX)

RT60 TARGET	1.2–1.3 sec
ROOM VOLUME	18,000–22,000 m³
REQUIRED ABSORPTION	9,500–11,000 sabins
MAIN TREATMENTS	1800 m² flex-gypsum ceiling 850 m² fabric panels 1000 m² carpet 400 m² drapery Diffusers at rear
SPEAKERS	L/R line array (2 x 8) 4 subs (cardioid) 6 front fills 4 balcony fills 6 delays 4 stage monitors
SPL COVERAGE	94–98 dB (±2 dB)
LIGHTING	150–200 lux 800–1200 lux
GEOMETRY	Seating slope 1:8–1:10 Balcony rise 12–14° CD22 Convex ribbed ceiling

MOOD BOARD



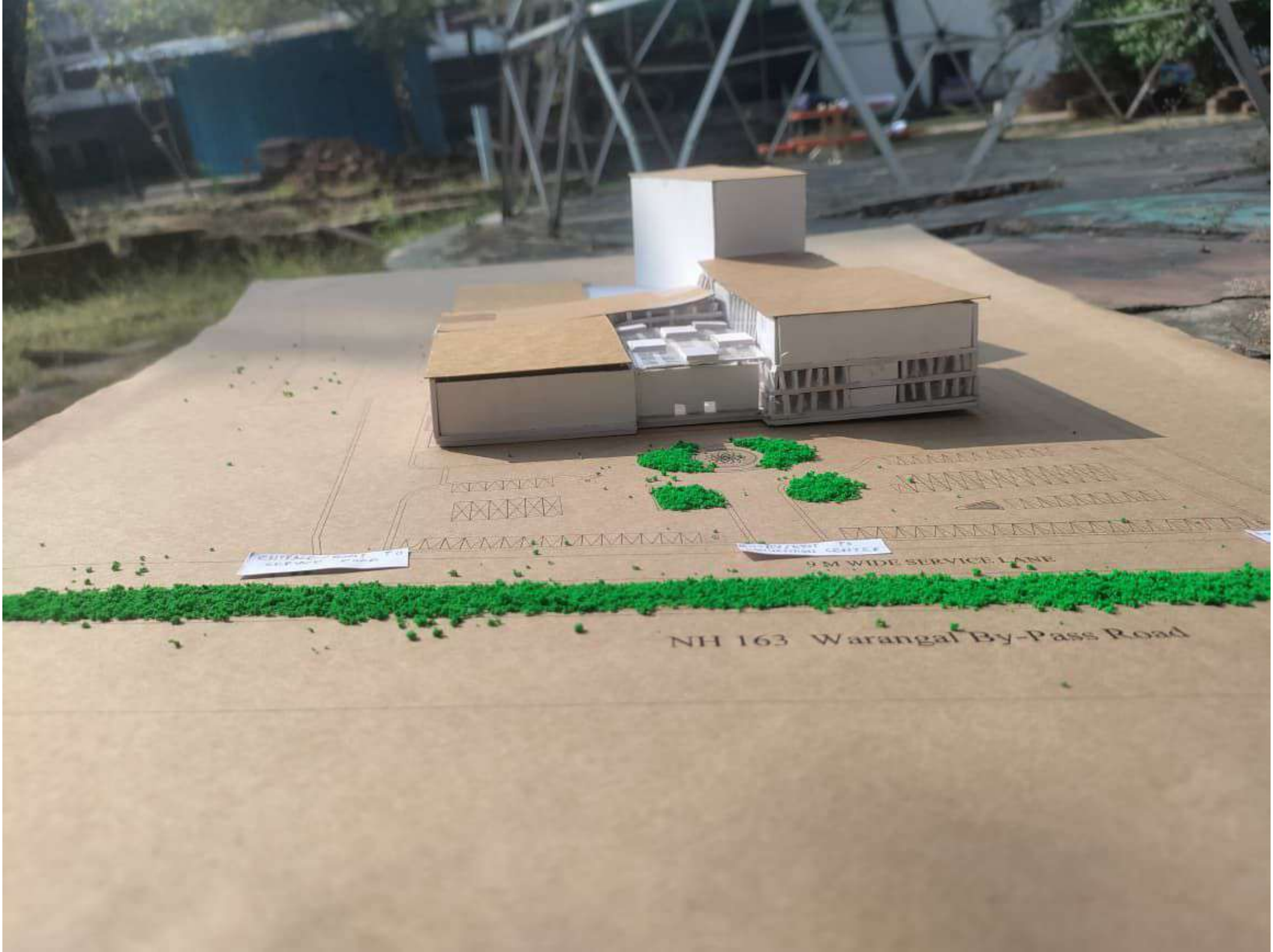
AUDITORIUM VIEWS

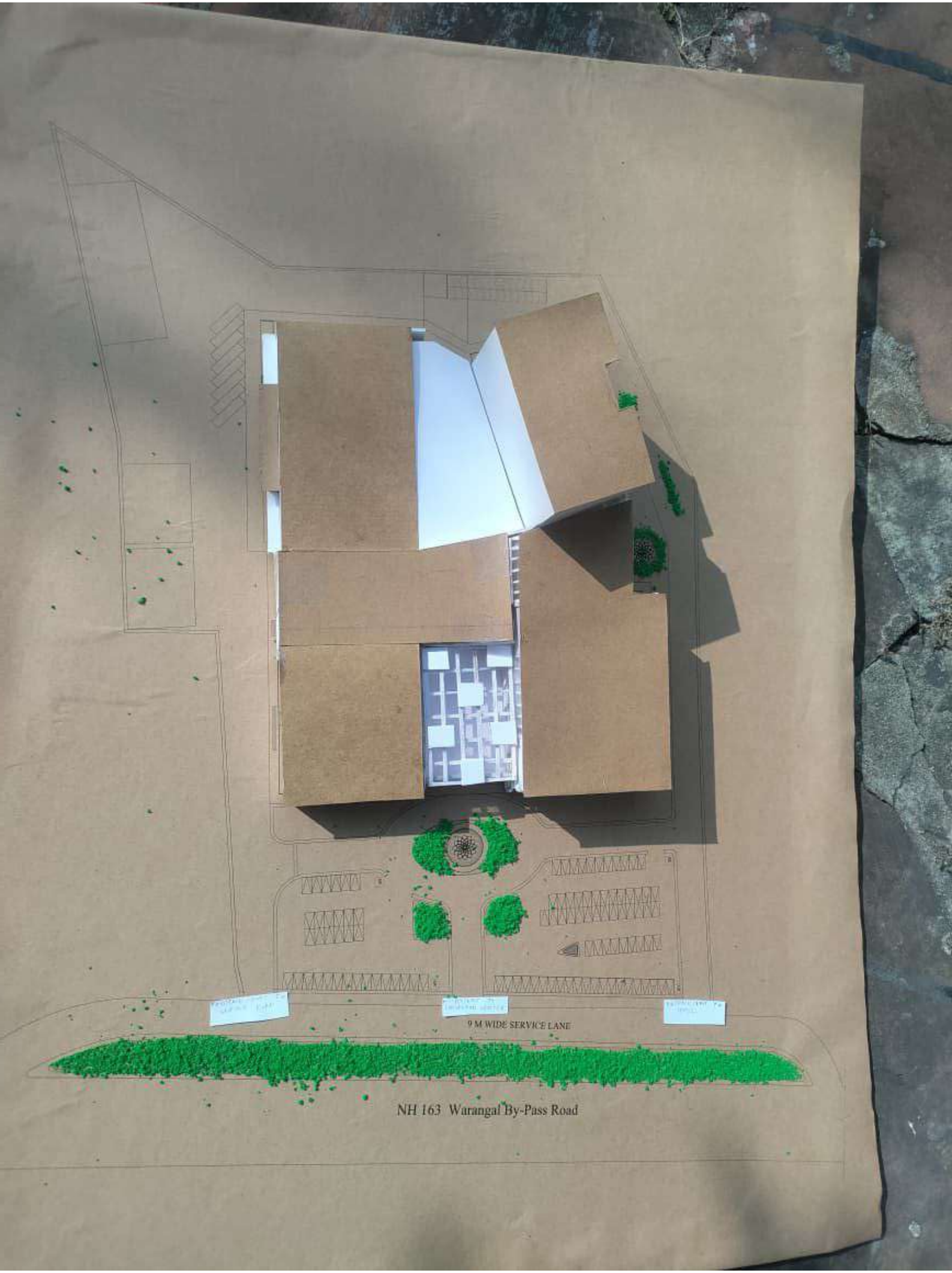






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