

"Architecture should speak of its time and place, but yearn for timelessness."

— Frank Gehry



The ARENA



INDIA SPORTING METAMORPHOSIS

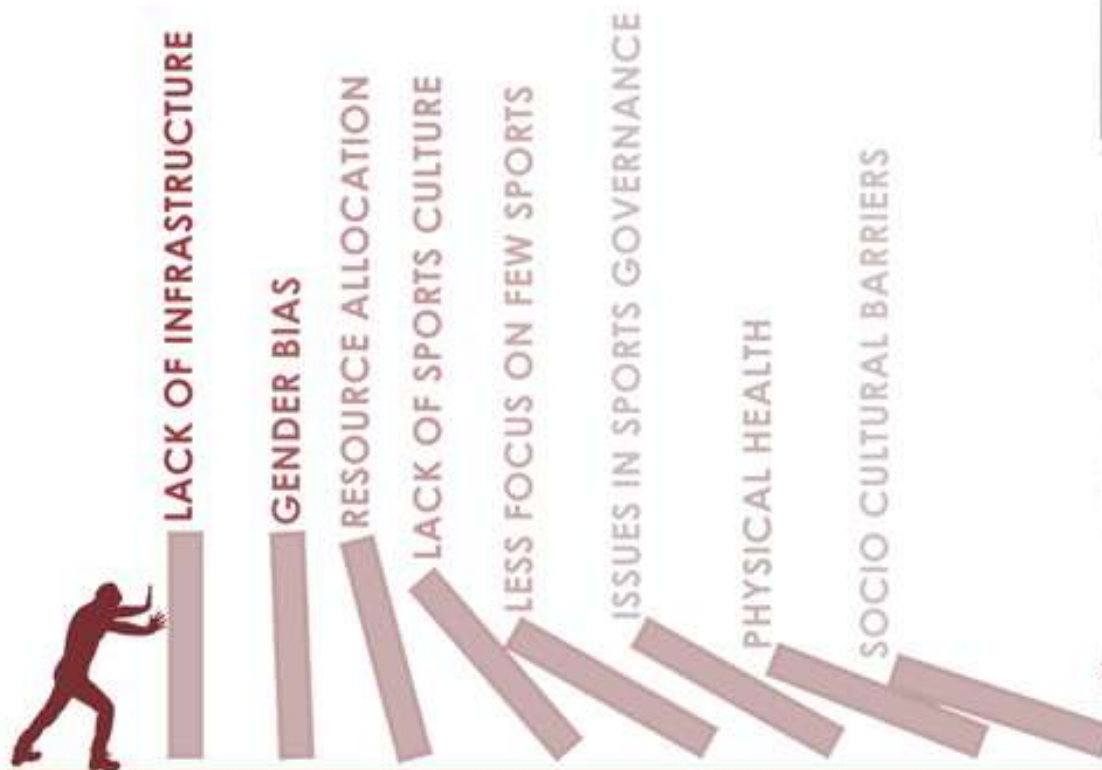
TOWARDS A MULTI-SPORT NATION

Over the last decade, India's sports landscape has undergone a dramatic transformation. While cricket continues to dominate the national consciousness, a new era of athletic diversity is emerging. The rise of leagues such as the Indian Super League (football), Pro Kabaddi League, Hockey India League, and the Women's Premier League (cricket) has provided platforms for athletes beyond the traditional cricketing sphere.



CHALLENGES

Challenges remain—sports infrastructure in many regions is still inadequate, and investment in non-cricketing sports lags. But with increased corporate sponsorships, media coverage, and government initiatives, India is steadily evolving from a cricket-centric nation into a true multi-sport powerhouse.



Damaged tracks, poor infrastructure create hurdles for athletes at Vellore district sports complex

According to official records, the outdoor football, basketball and tennis courts at Vellore district sports complex are in poor condition.



The Vellore district sports complex is a state-of-the-art facility that has been built to provide a world-class environment for athletes.

Synopsis
Lack of sports infrastructure in Tamil Nadu's Vellore district is hindering the development of sports in the region.



BERHAMPUK: Even as the Odisha town is rejoicing over its silver medalist, the town's infrastructure is in a state of neglect.

The Berhampur Stadium has been closed for last one year, because of the poor condition of the ground. The ground was damaged during cyclone Phailin that hit Odisha coast in October 2013.

Pune: Neglect in Sports Infrastructure – Municipal Schools Grapple with Lack of Facilities and Personnel

Women athletes complain of gender bias at SAF Games

The ongoing South Asian Games is perhaps the biggest sporting event ever held in the region, and women athletes are complaining about the lack of facilities and personnel.



"Bias And Corruption": ICC Match Referee's Scathing Remarks On Concussion Substitute Row

ICC match referee has scathing remarks for the players who are not taking concussion substitute row seriously.

Gender inequality in sports: Challenges and the path to equality

By Anshu Singh

Blame the batters, not the pitch, as India surrender on spinning Pune track

By Anshu Singh

While blaming the pitch for the loss of India's first Test match in the 1930s, the batters are not taking responsibility for their own performance.

Massive Financial Scandal Rocks India's Heritage Sports Club NSCI

By Anshu Singh

The NSCI has been accused of mismanagement of funds and has been accused of misappropriation of funds.

Time

India's Female Wrestlers Are Saying #MeToo

1 June 2023 — India's Female Wrestlers Are Saying #MeToo Date: Wed May 31 18:39:15 2023 UTC

India's Olympic body chief misused hockey funds, CBI begins probe

Hockey India has been accused of using the \$2 million earmarked for the Olympic team for the welfare of hockey players for the personal benefit of the team.

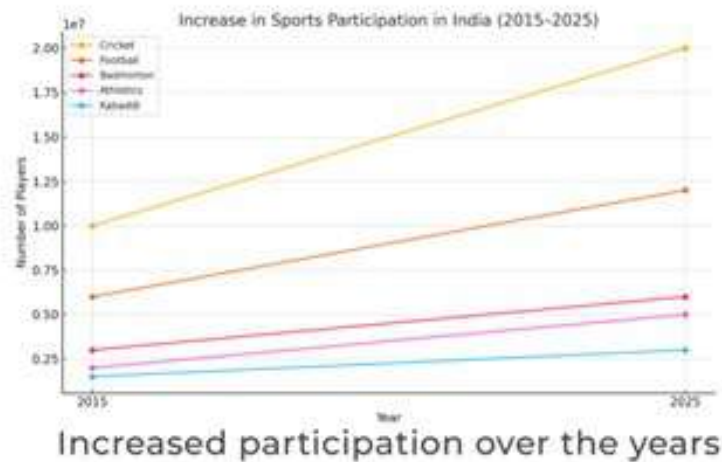
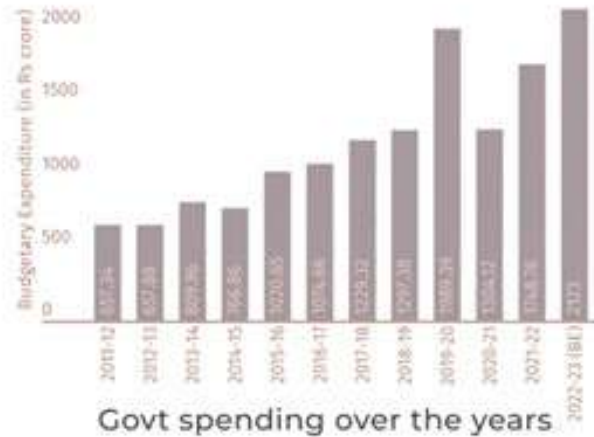
Corruption, nepotism and fraud in selection process hamper sports and sportspeople in our country: HC

Indian athletes can allege Olympic problems proportional to the irregularity of the selection process and politicians keep away from sports administration, say judges.



WAY FORWARD...

The future of Indian sports envisions a landscape where athletes have access to cutting-edge resources and facilities. Technology will play a pivotal role in refining training techniques and enhancing performance.



KHELEGA INDIA



JEETEGA INDIA

INITIATIVES TAKEN:

Sports Authority of India (SAI)

Khelo India Programme

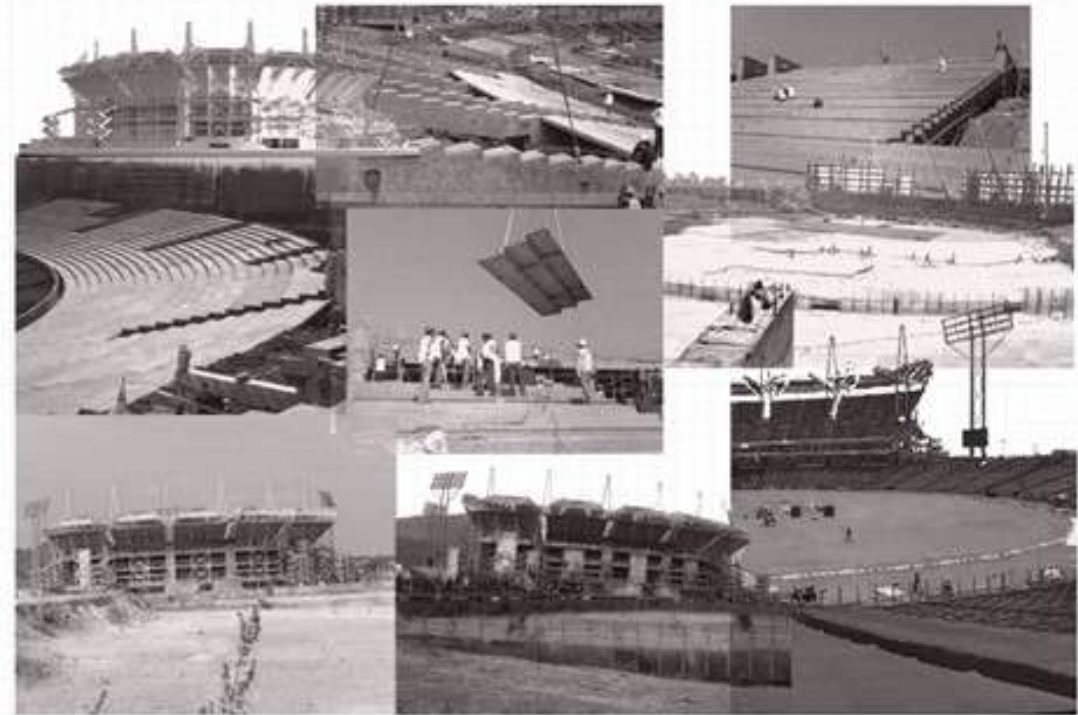
Target Olympic Podium Scheme (TOPS)



MAHARASHTRA CRICKET ASSOCIATION

18.67N, 73.70E

The Maharashtra Cricket Association Stadium, located in Gahunje village near Pune, Maharashtra, stands as a premier international cricket venue. Owned and operated by the Maharashtra Cricket Association (MCA), it serves as the home ground for both the Maharashtra men's and women's cricket teams. The Stadium boasts an impressive outdoor cricket field encircled by elliptical-shaped bleachers providing seating for up to 45,000 enthusiastic spectators.



EVOLUTION OF M C A

INAUGURATIONin 2012, open for domestic matches



IPL MATCH IMPACT caused a lot of traction



EVOLUTION OF STADIUM ROLE. Hosted test matches



INFRASTRUCTURE CHALLENGES. due to exceeding crowd capacity , lack of other amenities



VISION FOR THE FUTURE. *A self sustaining venue to promote culture of sports in India*

The Project

MCA aims to go far beyond upgrading a cricket ground — it represents a strategic reimagining of the stadium as a high-performance sports ecosystem.

HIGH PERFORMANCE

SPORTS ECOSYSTEM

STATE OF ART FACILITIES

SELF SUFFICIENT

ATHLETE DEVELOPMENT

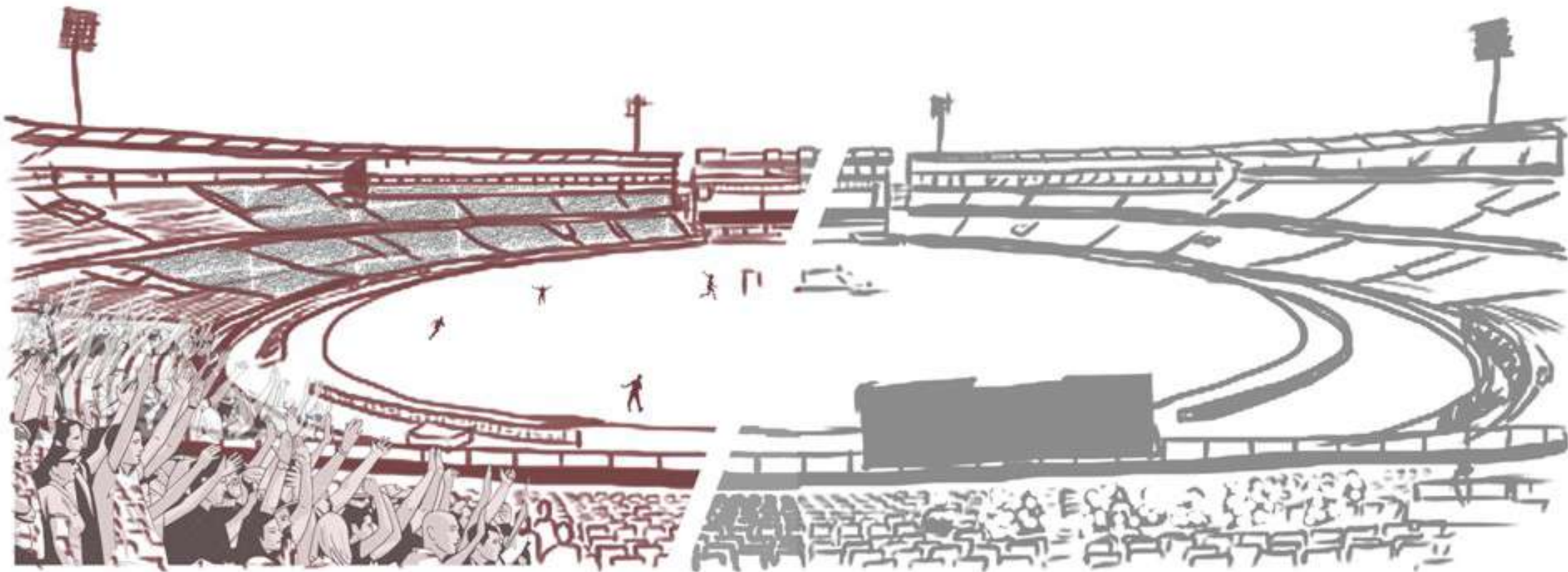


Why?

STADIUMS

"Built for Glory, Left in Silence"

Most cricket stadiums remain dormant 90% of the year — vast architectural spaces waiting to be reimagined. This proposal introduces a visionary clubhouse that repositions cricket as a global cultural force, while transforming the stadium into a vibrant, multi-functional precinct.



Why are stadiums underutilised?

Outdated infrastructure

Limited seating

Inflexible spaces

INTEGRATED PRECINCT

"More than just sports"



How?

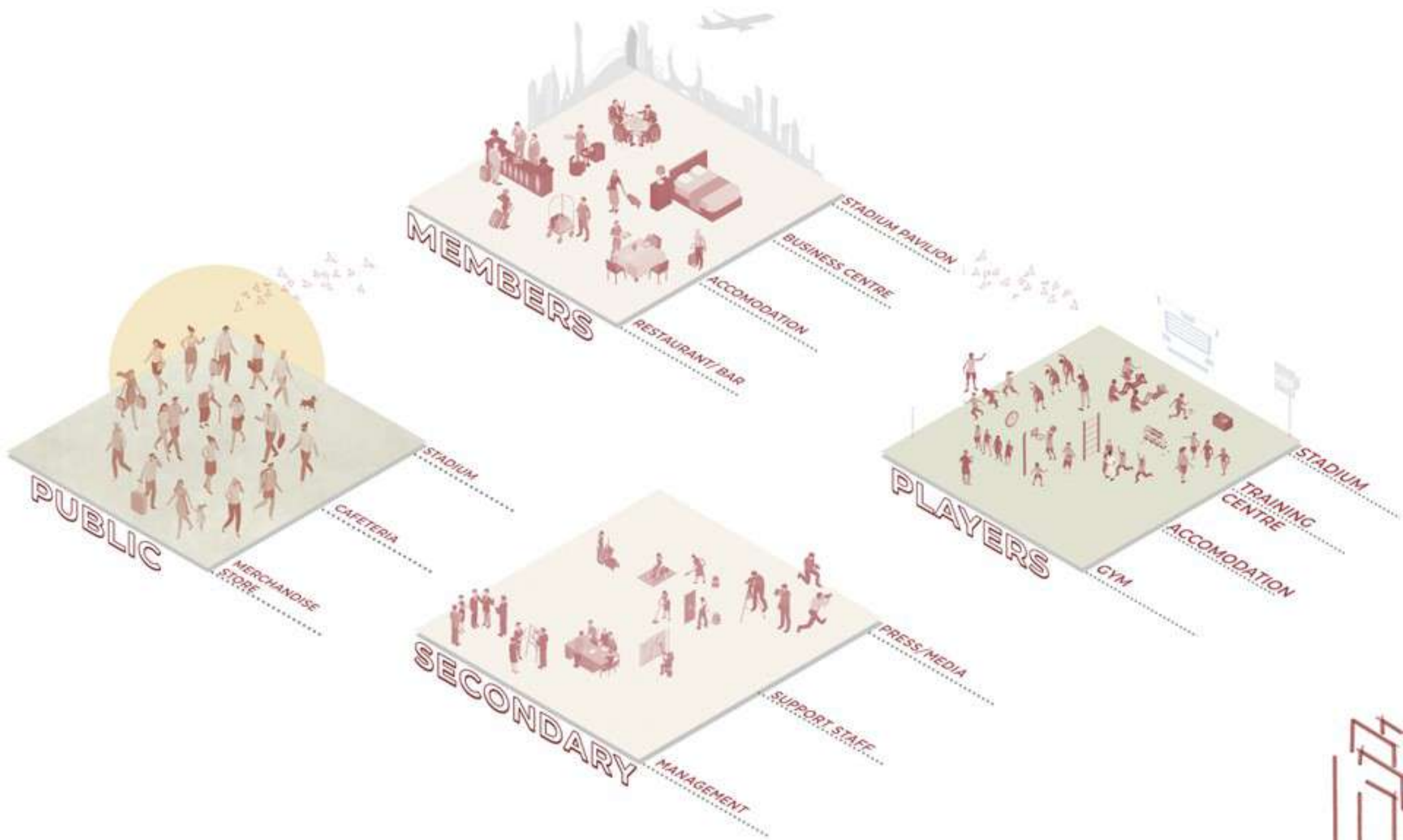
By integrating training zones, fitness facilities, public engagement areas, restaurants, and a hotel, the design fosters year-round activity and connectivity.

More than just a venue for matches, it becomes an **architectural catalyst** — sustaining sport, community, and international identity every day of the year.

4/15/14



USER GROUPS



USER GROUPS

AT THE GAME
CELEBRATION BEGINS!!

REEL



BEYOND THE GAME

THE STADIUM EXPERIENCE STARTS OUTSIDE

REAL

We got here early!! This should be easy right!

Oh no!!!



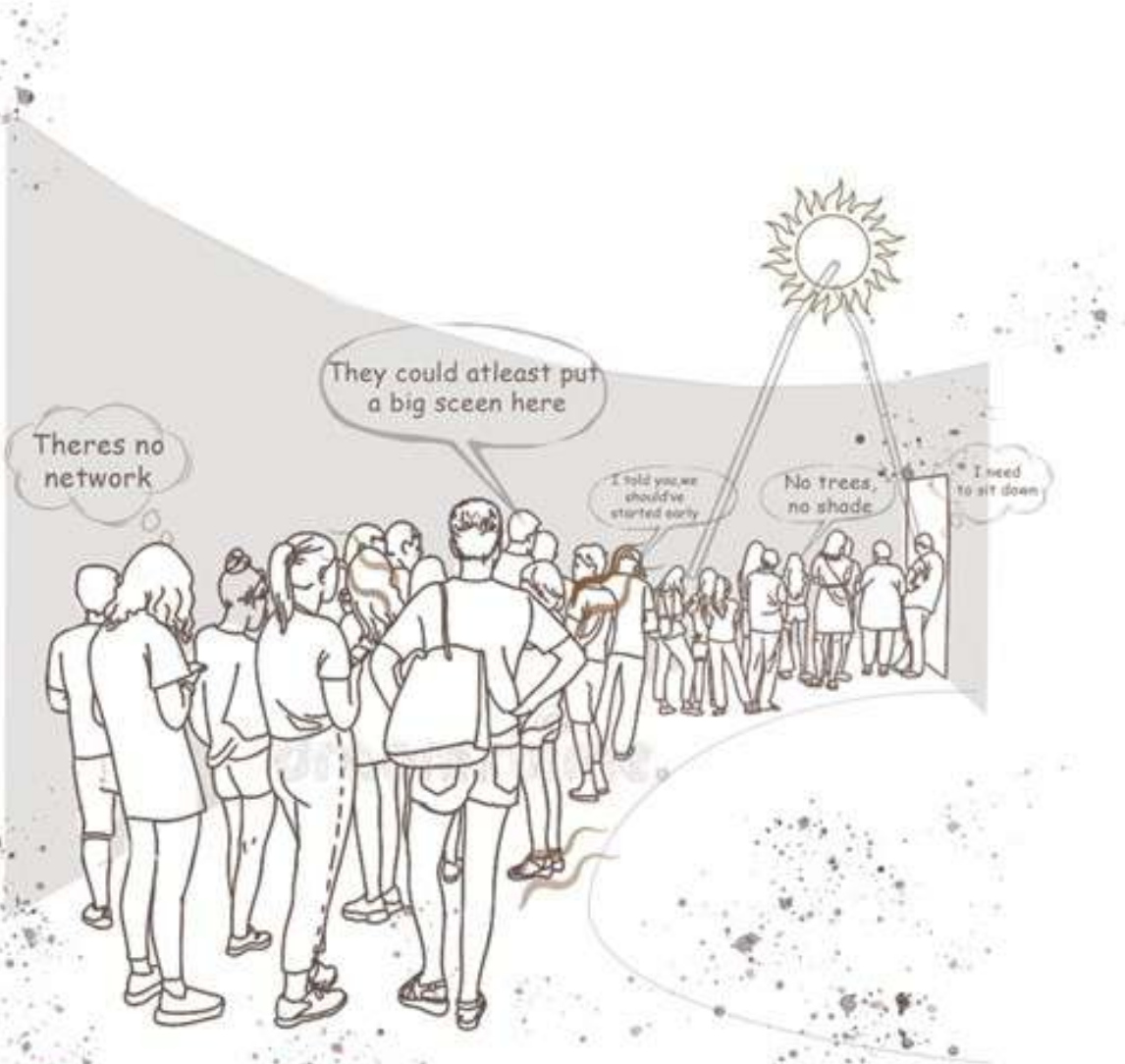
The excited arrival.....



BEYOND THE GAME

THE STADIUM EXPERIENCE STARTS OUTSIDE

REAL



Queue nightmare.....



BEYOND THE GAME

THE STADIUM EXPERIENCE STARTS OUTSIDE

REAL



Confusing signage struggle



BEYOND THE GAME

THE STADIUM EXPERIENCE STARTS OUTSIDE

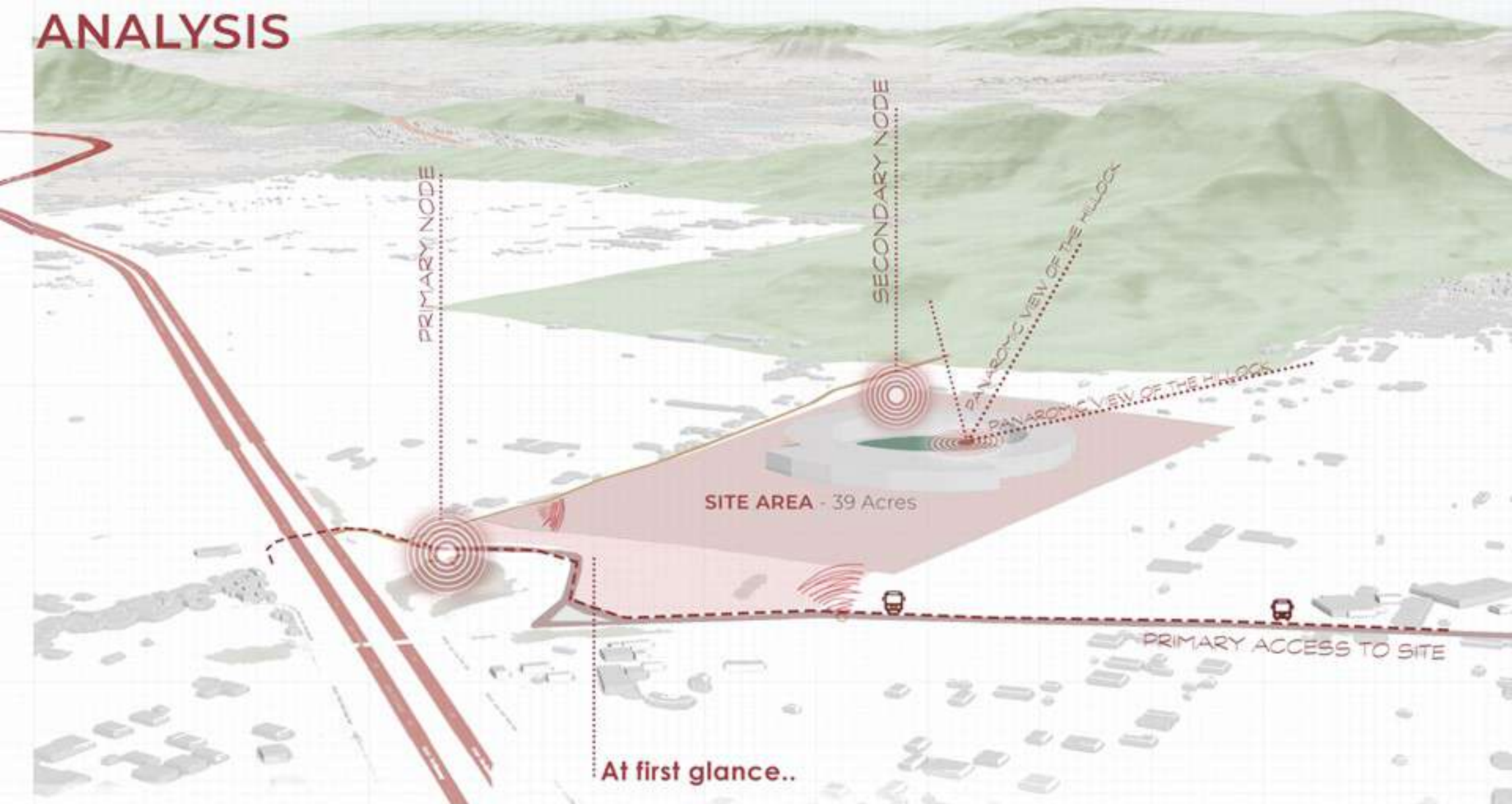
REAL



Last minute PANIC



ANALYSIS



The MCA Stadium is a world-class cricket venue set against the scenic Sahyadri Hills, known for hosting major domestic and international matches.

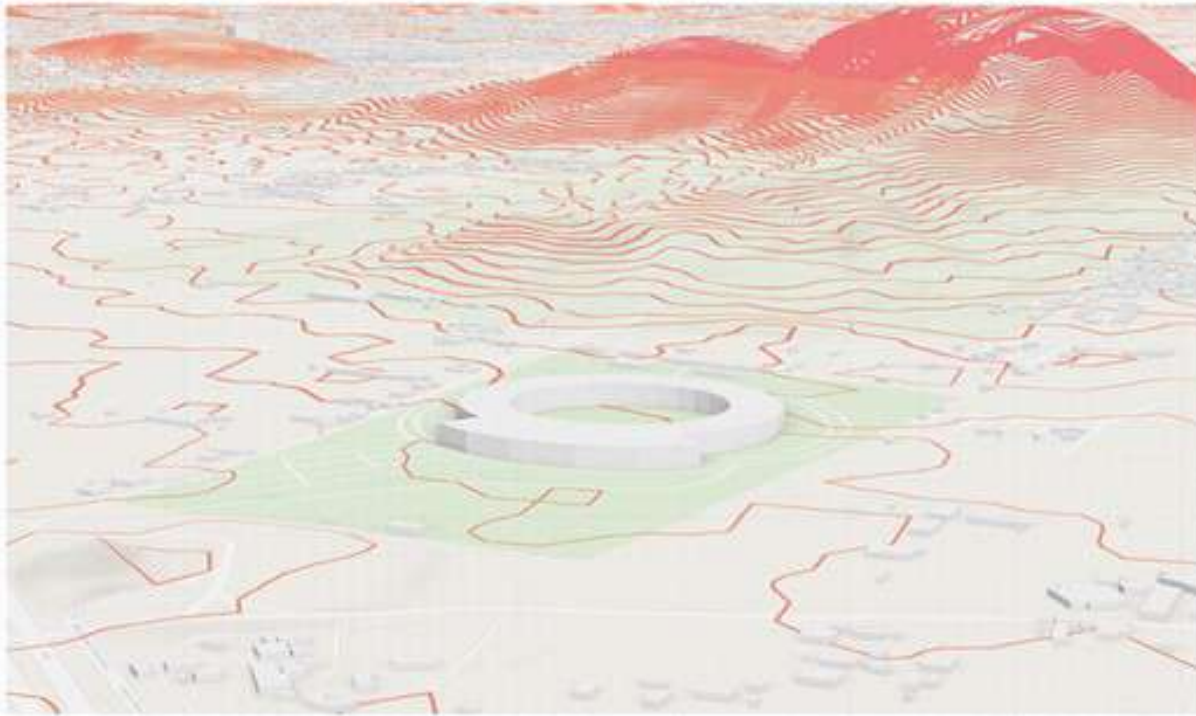
LOCATION - Located at Gahunje, Pune, Maharashtra.

ACCESSIBILITY: Pune-Mumbai Expressway, Pune city



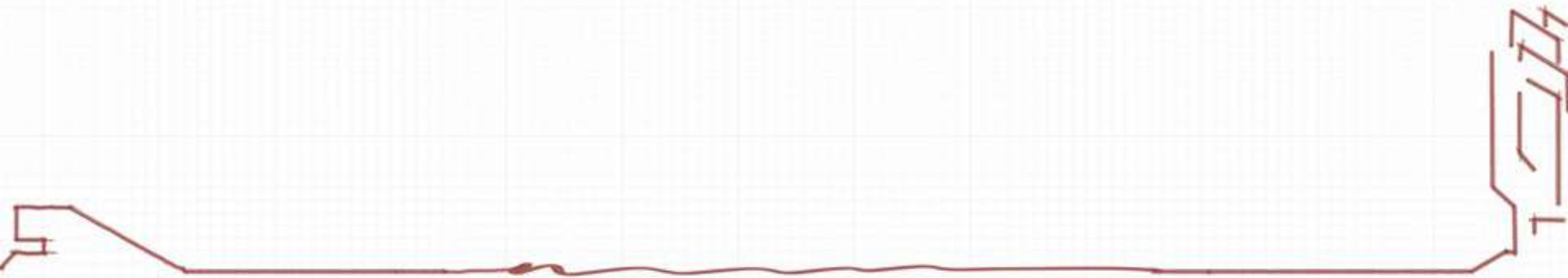
Inactive edge conditions

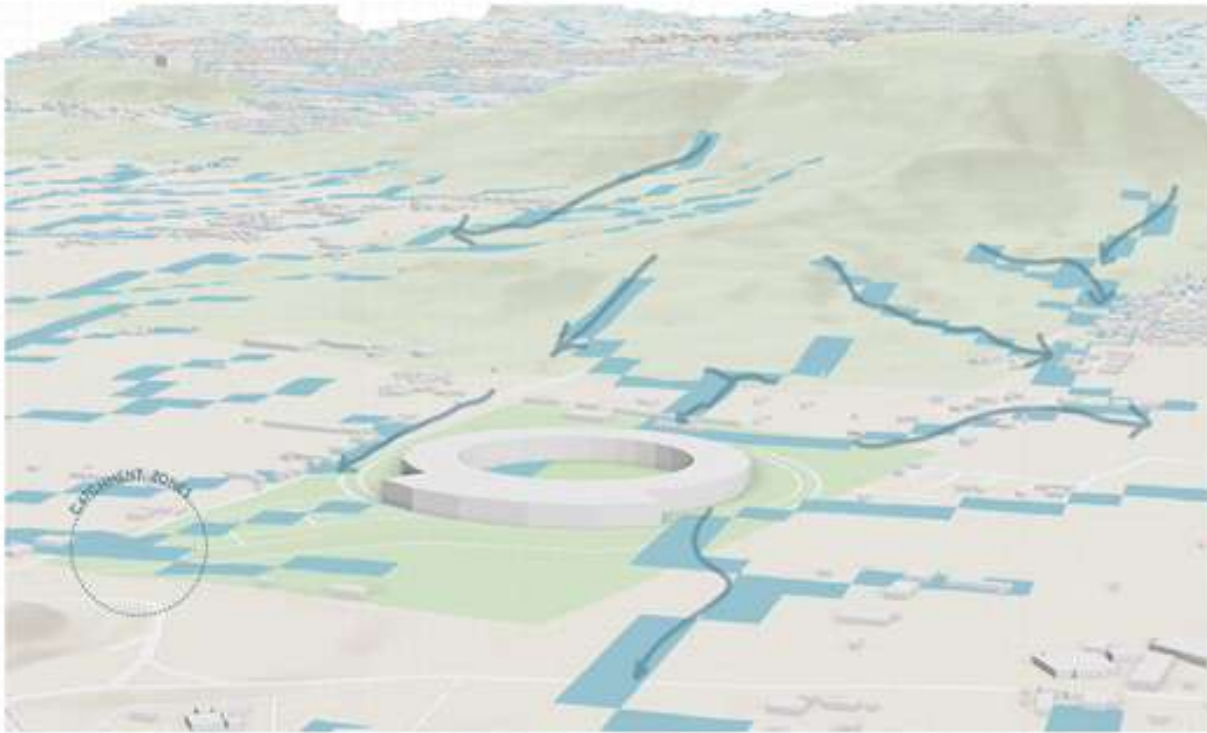
Surface does not engage with its surroundings or promote activity. Hence the inactive edge can be introduced to active uses, creating visual connections, improving accessibility, and incorporating landscaping



TOPOGRAPHY

High elevation zones of site could offer better views. This topography defines the drainage patterns and zoning of the site in terms of circulation and access for pedestrians and vehicles.





HYDROLOGY

Potential run off flow would require effective drainage patterns while also providing opportunities for rainwater harvesting at catchment zones.



TRAFFIC OVERVIEW



MATCH DAYS

The primary access to site is through Gahunje road and through an underpass. The point of convergence of these two becomes a potential chokepoint during match days.

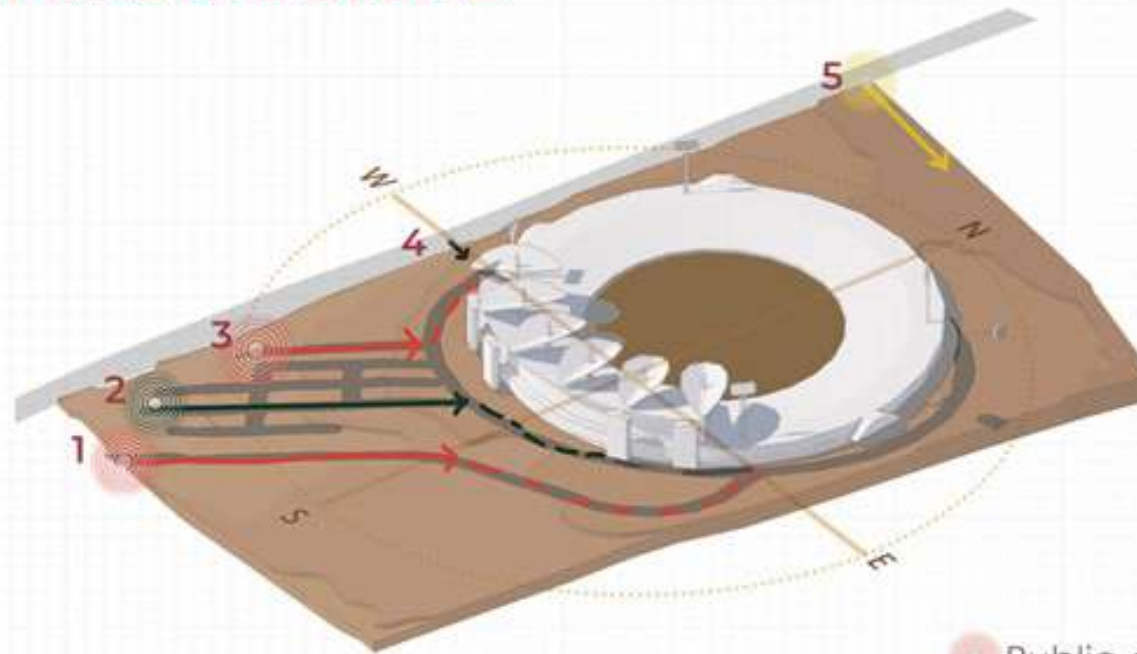


NON MATCH DAYS

Non match days on an average has moderate traffic flow and minimal choke points.

4/11/14

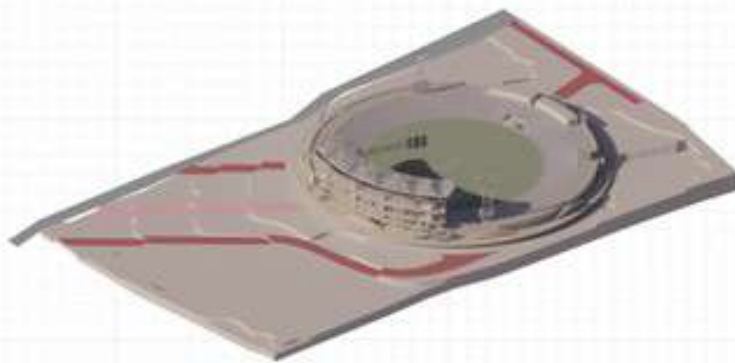
EXISTING INFRASTRUCTURE



GATE 1 ENTRY : For General Public
GATE 2 ENTRY : For VVIPs, VIPs and Players/Officials
GATE 3 ENTRY : For General Public
GATE 4 ENTRY : For Ground Equipment and Ground Staff
GATE 5 ENTRY : For Broadcasting Personnel and General Public

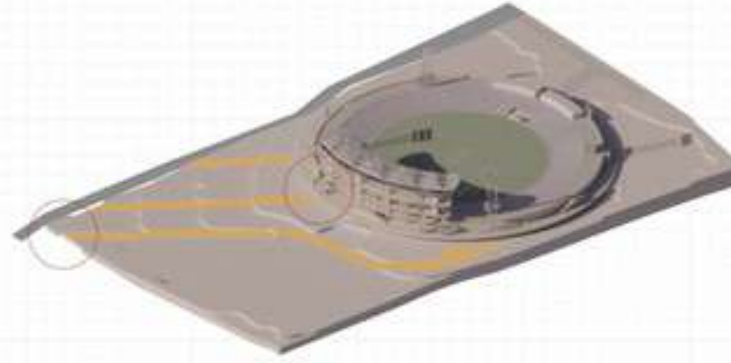
● Public gates ● VIP entry ● Parking

INFERENCES



Extended wait time

Match days results in long queues and tired pedestrians due to existing circulation patterns



Lack of pause points

Long distances without any rest zones or pause points leave the fans tired



Insufficient shade from trees

Existing vegetation on site is ground cover and short trees with small foliage that don't provide much shade for the users

MICRO ANALYSIS



CLIMATE STUDY

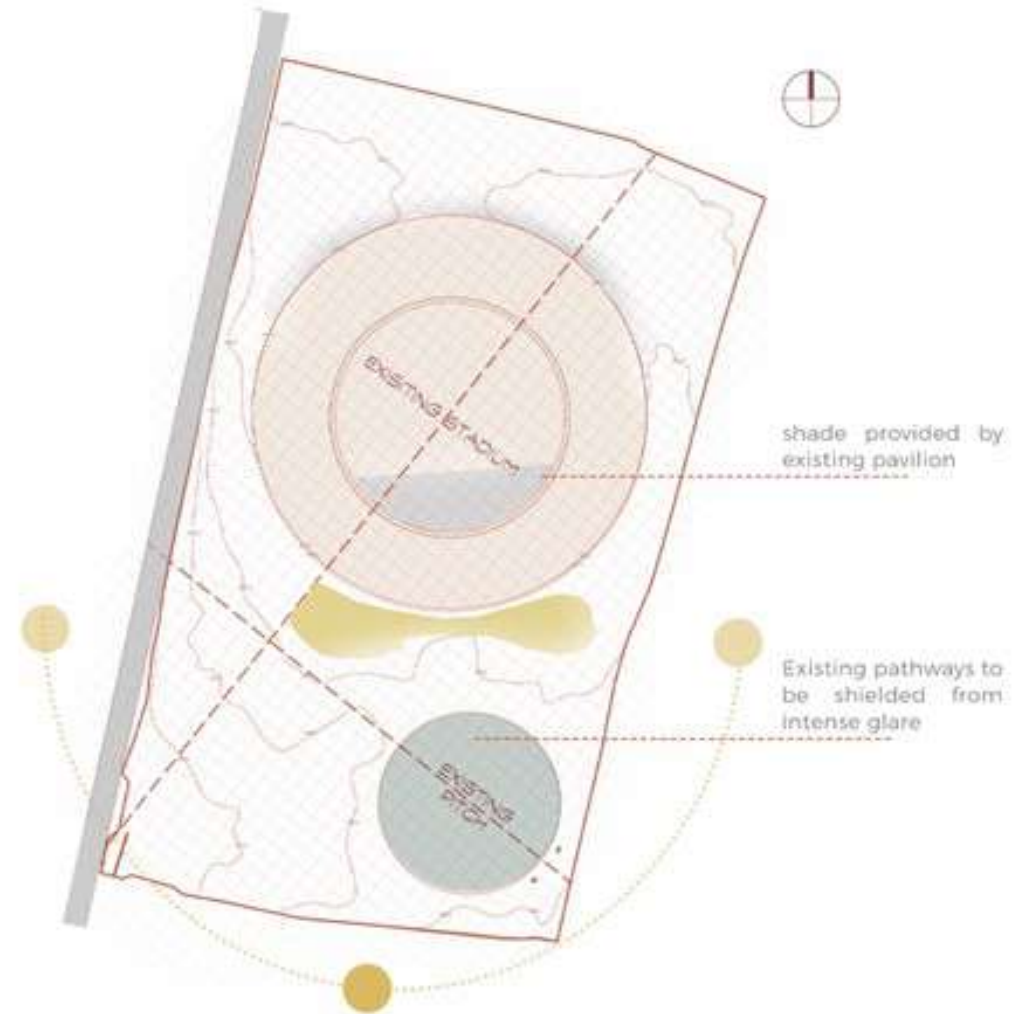
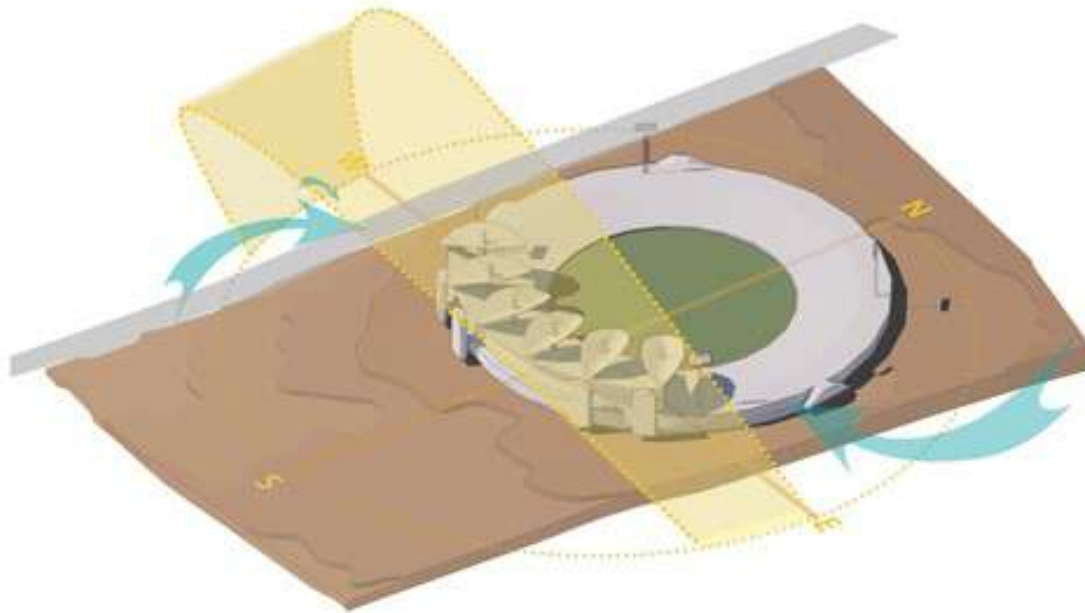
Warm and Humid Climate

Pune experiences a moderate climate, with warm summers and mild winters, offering a pleasant environment year-round.

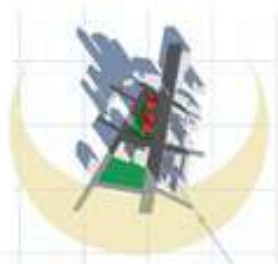
Average Temperature: Ranges from 20°C to 35°C, with mild variation between day and night.

Average Rainfall: Approximately 1,200 mm annually, with the majority falling during the monsoon season (June–September).

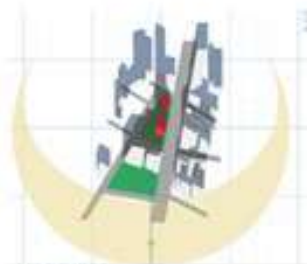
Average Humidity: Stays around 70% annually, with higher humidity during the monsoon months.



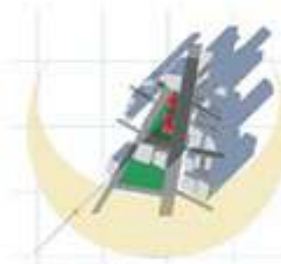
SCIOGRAPHY



0900hrs:
W, N-W areas of
the stadium
would be shaded



1200hrs
Shorter shadows in N
direction



1800hrs
E, N-E directions will
experience shade

INFERENCES:

Optimize user comfort by placing plazas on the northern side to reduce the impact of heat and glare.

Enhance the energy efficiency of the stadium by utilizing natural lighting and solar energy.

SLOPE

The site has a gradual slope with the difference from highest point to lowest being 12m. The lowest point of the site is the entry plaza. Therefore treating this with adequate drainage solutions can help to mitigate risks of waterlogging during peak rainfall season.



SECTION B-B'

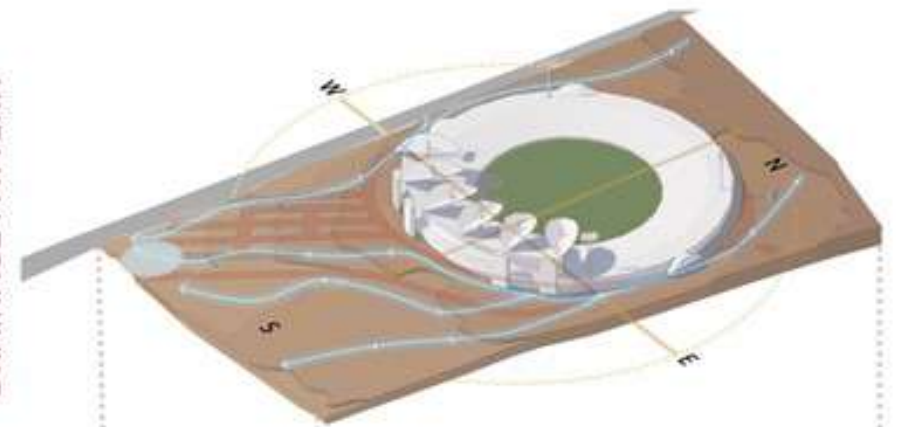


SECTION C-C'

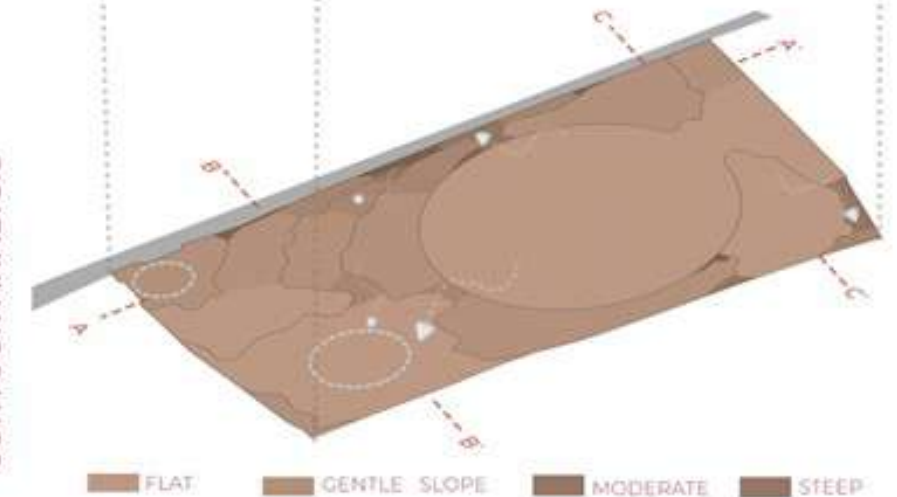


SECTION A-A'

DRAINAGE PATTERN



CONTOUR ANALYSIS



S

- Prime location with a view of the hillock.
- Corner site
- Climate can help designing open air spaces.
- Good connectivity located on the outskirts
- Climate provides advantage to harness wind and solar energy.

W

- Height Limitations Due to View Corridors
- Constraints of Existing Stadium Layout
- Traffic Congestion During Events

O

- Multi-level circulation - pedestrian zones above, vehicular movement below, with
- Sustainable & Energy-Positive Design
- Improve edge conditions around the site
- Smart features with energy-harvesting flooring
- Ensure visual harmony without overpowering the existing elements.

C

- Designing around the existing infrastructure on the site.
- Blend new typologies with the existing stadium using similar materials but modern forms.





INFLUENCES OF MARATHA ARCHITECTURE

FUNCTIONALITY

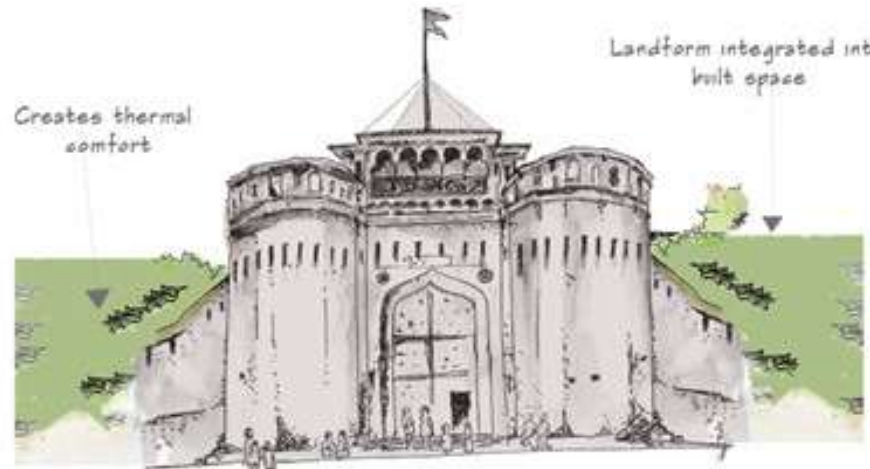
Watch towers



Traditional Darwaza — where the lower level facilitated controlled pedestrian access, while the upper level has strategic spaces.

LOCAL MATERIALS

Creates thermal comfort



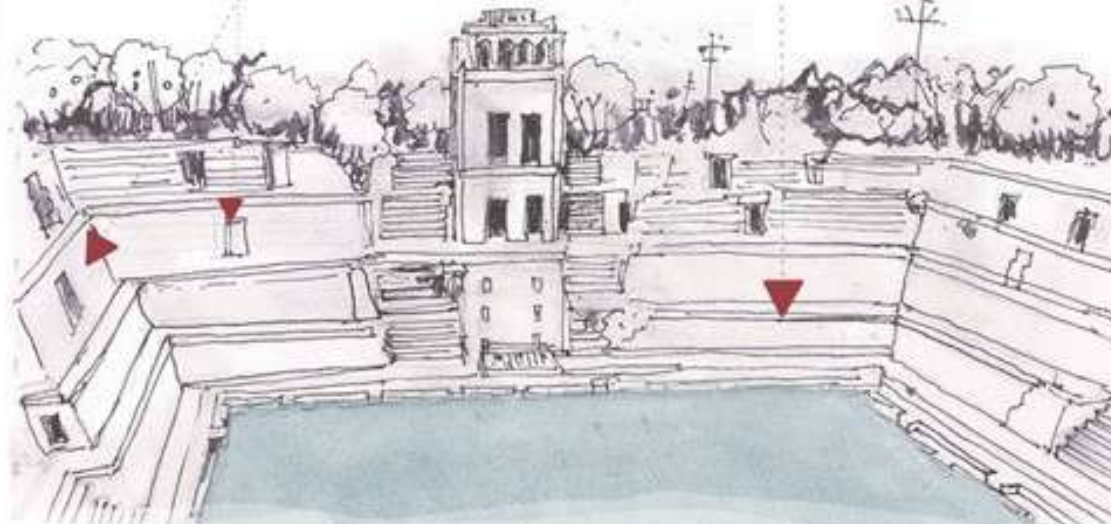
Landform integrated into built space

Terraced Earth Bunds - Inspired by fort levels and parapets

ADAPTABILITY

cool air passes through the pavilions

Encourages interaction



Step well with seating as a passive cooling technique

Basalt

wada

community

courtyards

terrain

murals

fortifications

residence

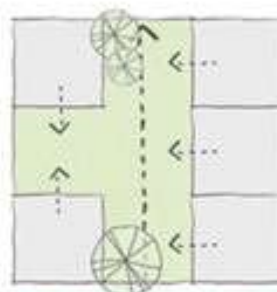




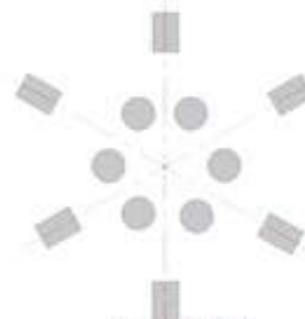
SYNERGIZE

Creating seamless connections between athletes, spectators, and urban infrastructure for a dynamic, multi-use environment.

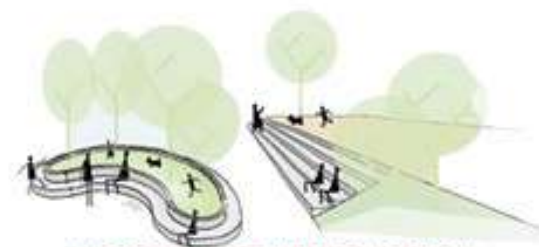
3



INTERCONNECTION



HARMONY

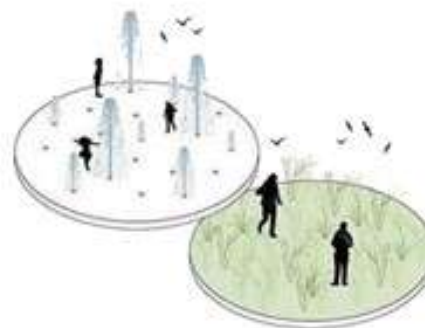


ENCOURAGE INTERACTION

S³

STIMULATE

designed to ignite passion, performance, and engagement through dynamic spaces, immersive experiences, and state-of-the-art training facilities.



EVOKE EMOTION



CHALLENGE THE SENSES

SUSTAIN

Ensuring long-term environmental, structural, and community resilience through green design, renewable energy, and adaptive infrastructure.



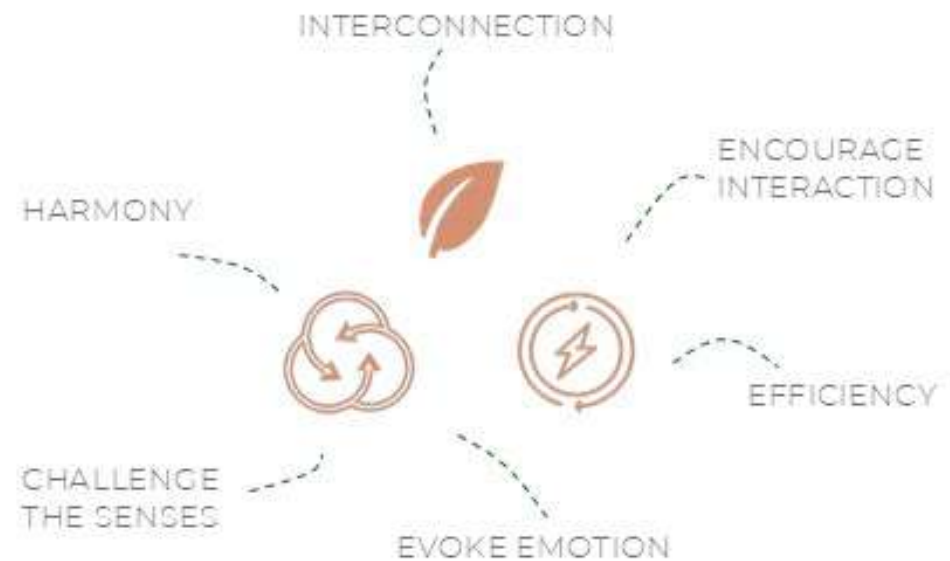
EFFICIENCY

"S³ isn't just about sports—it's about creating a future-ready, eco-conscious, and high-performance sports ecosystem"

SUSTAIN

DESIGN DEVELOPMENT

The design envisions an integrated urban campus where movement, architecture, and landscape converge along defined axes. By activating dormant edges, elevating built forms, and layering open spaces, the project fosters a seamless dialogue between structure and nature. It transforms the stadium into a dynamic civic anchor — a holistic environment where sports, community, and culture interlace through a choreography of circulation, serial visions, and spatial generosity.



VISION

The project envisions a **vibrant space** that connects sports and enthusiasts through world-class facilities. Additionally to **maximize the stadium's potential** by transforming it into a multi-functional hub that extends beyond sporting events. Through the integration of diverse facilities and **adaptive spaces**, the stadium will serve as a year-round destination, hosting a variety of events, cultural activities etc



AIM

Design aims to provide a **dynamic platform** that unites the world of sports with enthusiasts from across the globe.

The project reimagines the stadium as a multi-functional **urban anchor**—extending beyond sport to become a dynamic civic destination.

The project aspires to create an **environmentally responsive** and iconic architectural identity — one that is deeply integrated with nature, context, and symbolically resonant

The design aims to **foster a seamless dialogue** between built form, landscape, and community.



OBJECTIVES

Establish Urban Connectivity

Promote Environmental Responsiveness

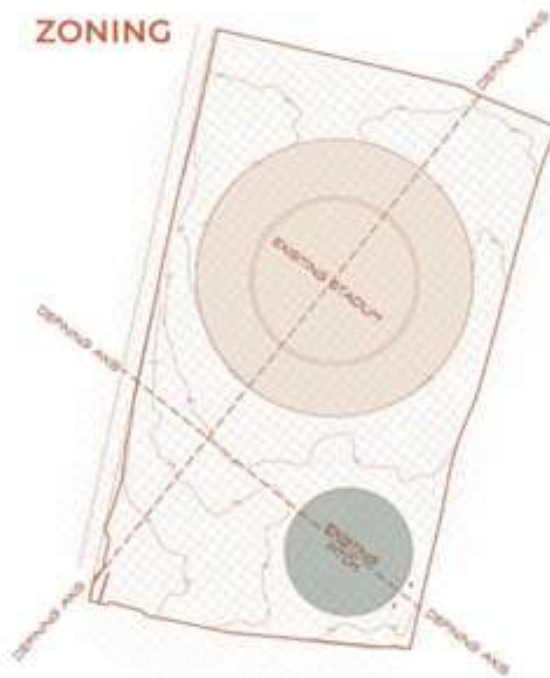
Celebrate Cultural Identity
through Contemporary Architectural Expression

A "SELF SUSTAINING" venue



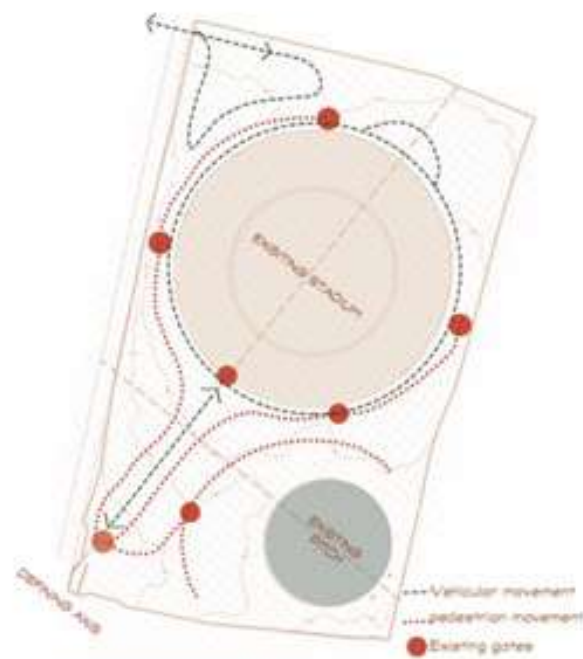


ZONING



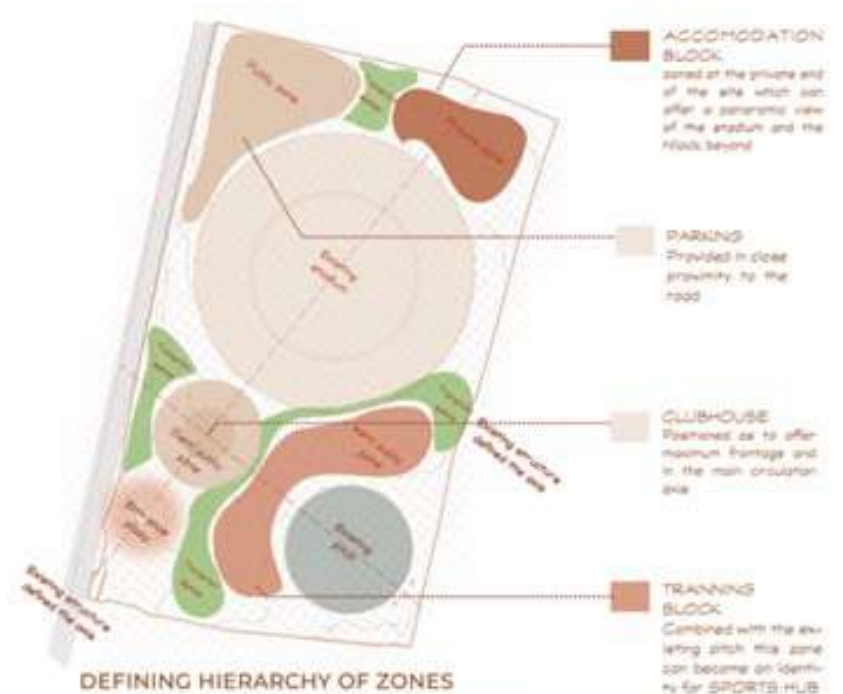
DEFINING AXIS & GRIDS

Identifying major axes using existing structures without disturbing them



DEFINING CIRCULATION

Diverging pedestrian circulation from a point connecting it to various existing gates. Vehicular movement defined along the periphery and the major axis.



DEFINING HIERARCHY OF ZONES

public and semi-public zones placed along the primary frontage, for easy accessibility. private zones are located towards a corner of the site, capitalizing on panoramic views of the adjacent hillside

ACCOMMODATION BLOCK

zoned at the private end of the site which can offer a panoramic view of the stadium and the hills beyond

PARKING

Provided in close proximity to the road

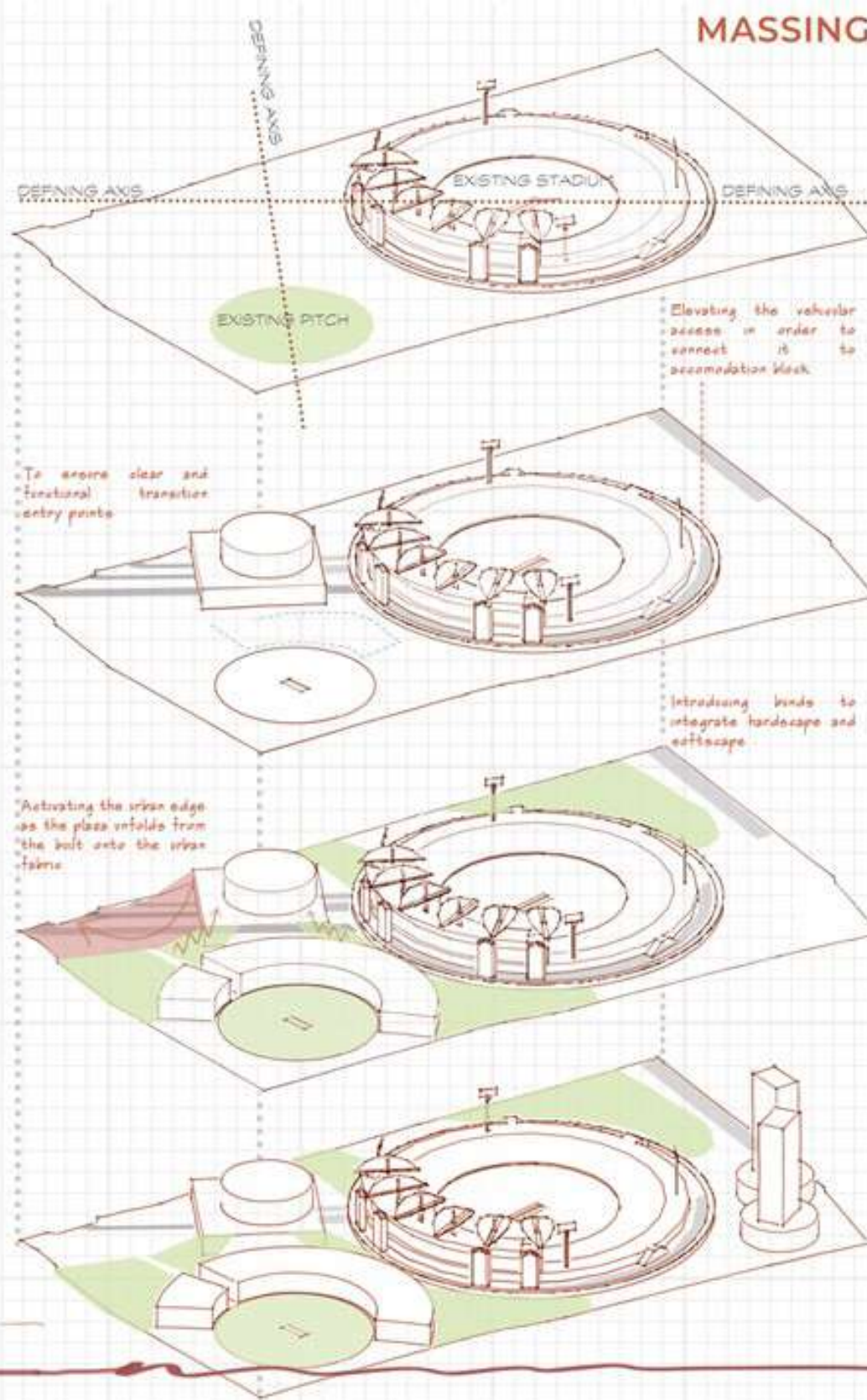
CLUBHOUSE

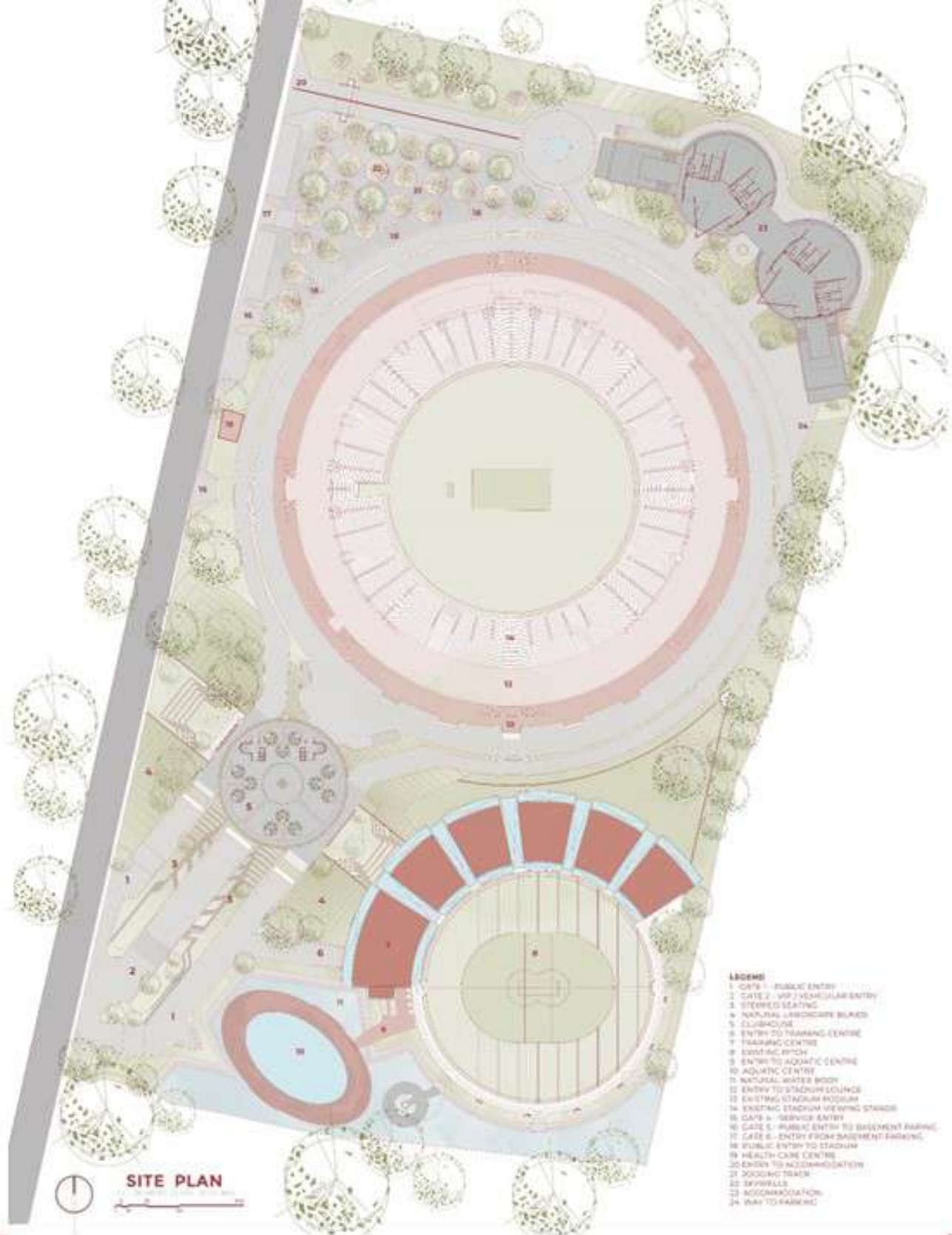
Planned as to offer maximum frontage and in the main circulation axis

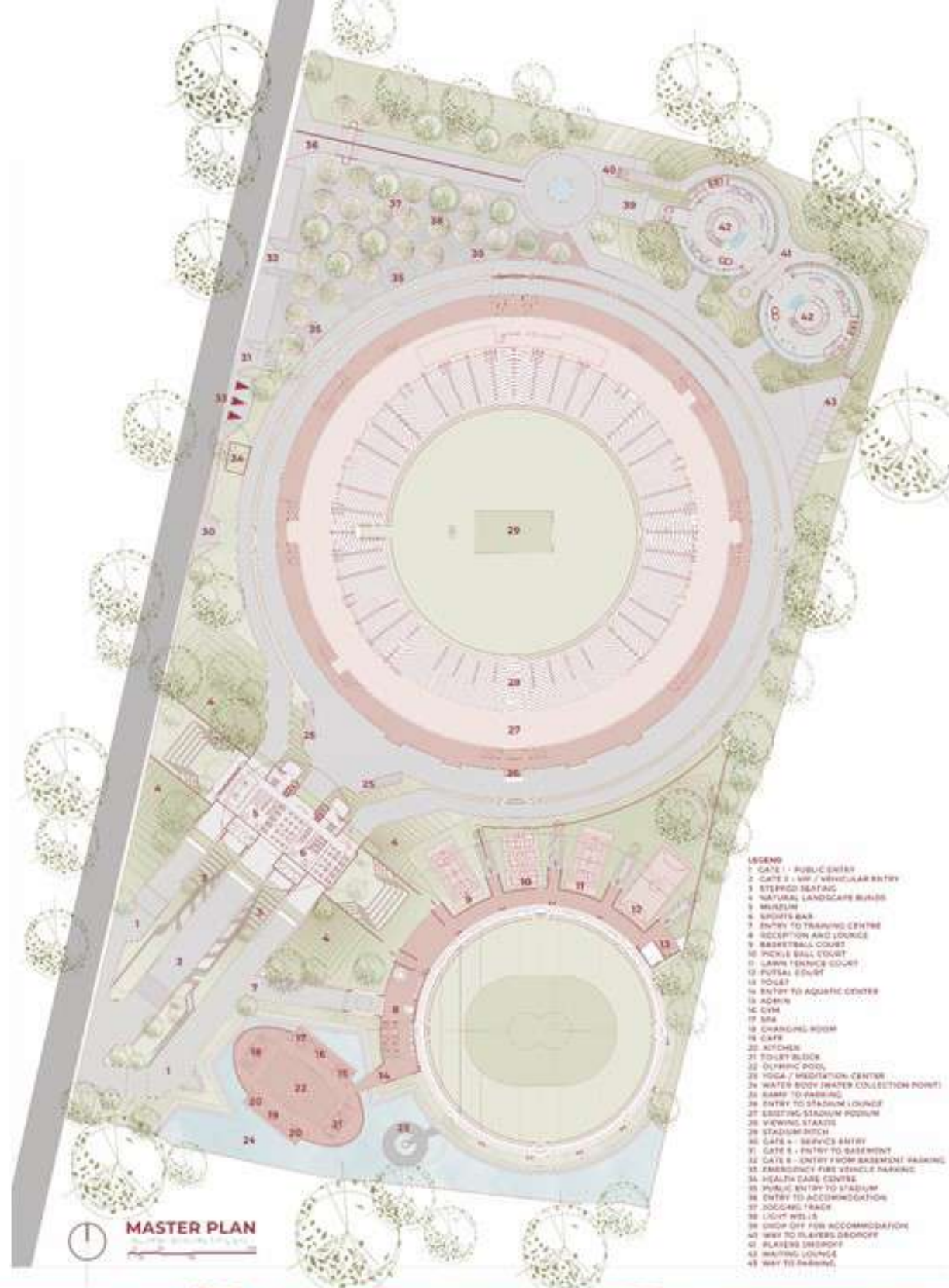
TRAINING BLOCK

Combined with the existing pitch this zone can become an identity for SPORTS HUB

MASSING







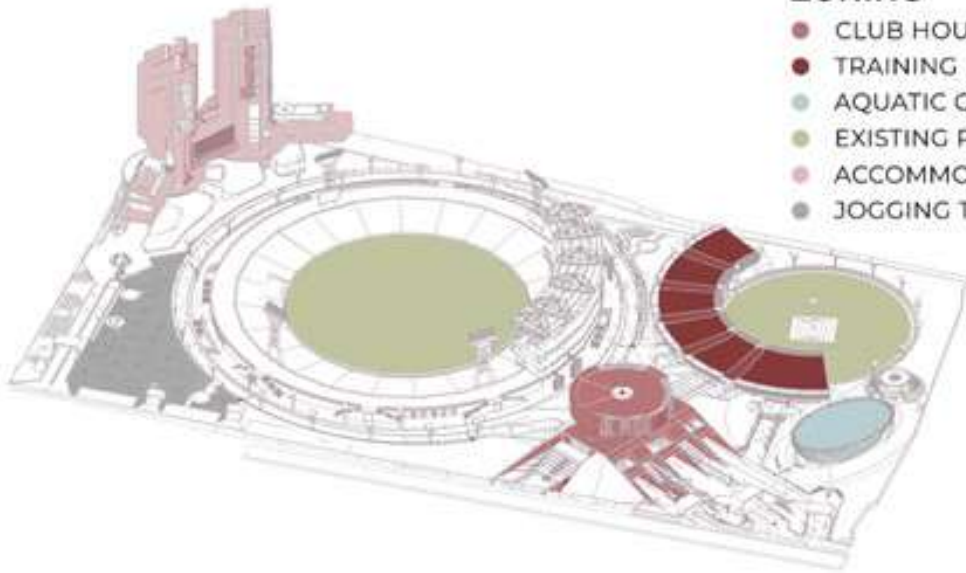
MASTER PLAN

Scale: 1:1000

- LEGEND**
- 1. GATE I - PUBLIC ENTRY
 - 2. GATE II - VIP / VEHICULAR ENTRY
 - 3. TIERED SEATING
 - 4. NATURAL LANDSCAPE BUILDING
 - 5. MUSEUM
 - 6. SPORTS BAR
 - 7. ENTRY TO TRAINING CENTRE
 - 8. RECEPTION AND LOUNGE
 - 9. BASKETBALL COURT
 - 10. PICKLE BALL COURT
 - 11. LAWN TENNIS COURT
 - 12. FUTSAL COURT
 - 13. POOL
 - 14. ENTRY TO AQUATIC CENTER
 - 15. ADMIN
 - 16. GYM
 - 17. SPA
 - 18. CHANGING ROOM
 - 19. CAFE
 - 20. KITCHEN
 - 21. TOILET BLOCK
 - 22. OLYMPIC POOL
 - 23. YOGA / MEDITATION CENTER
 - 24. WATER BODY (WATER COLLECTION POINT)
 - 25. RAMP TO PARKING
 - 26. ENTRY TO STADIUM LOUNGE
 - 27. EXISTING STADIUM PODIUM
 - 28. VIEWING STANDS
 - 29. STADIUM PITCH
 - 30. GATE A - SERVICE ENTRY
 - 31. GATE B - ENTRY TO BASEMENT
 - 32. GATE C - ENTRY FROM BASEMENT PARKING
 - 33. EMERGENCY FIRE VEHICLE PARKING
 - 34. HEALTH CARE CENTER
 - 35. PUBLIC ENTRY TO STADIUM
 - 36. ENTRY TO ACCOMMODATION
 - 37. DOGGWALK TRACK
 - 38. LIGHT WELLS
 - 39. DROP OFF / PICK UP ACCOMMODATION
 - 40. WAY TO PLAYERS ENTRANCE
 - 41. PLAYERS ENTRANCE
 - 42. WAITING LOUNGE
 - 43. WAY TO STADIUM

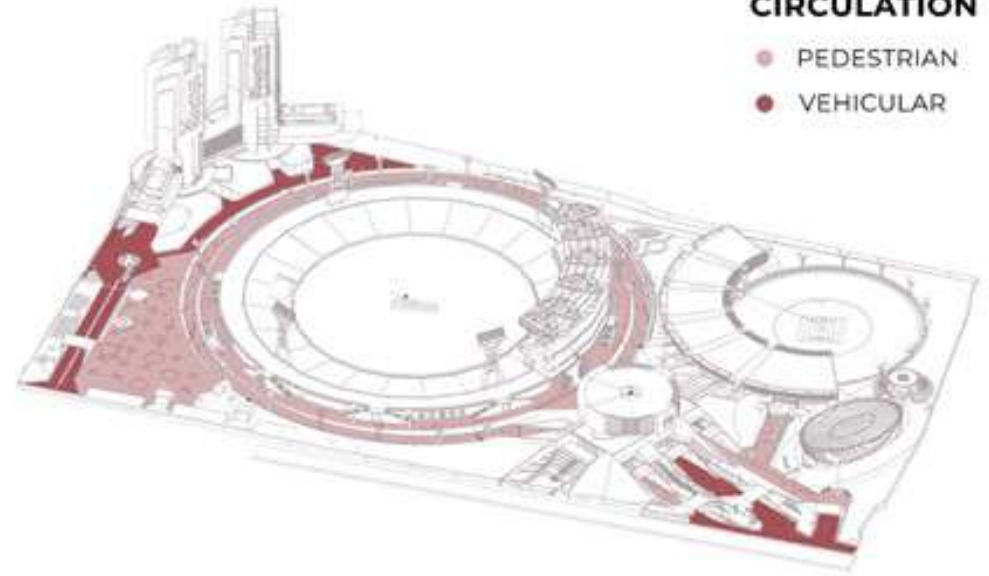
ZONING

- CLUB HOUSE
- TRAINING
- AQUATIC CENTRE
- EXISTING PITCH
- ACCOMMODATION
- JOGGING TRACK



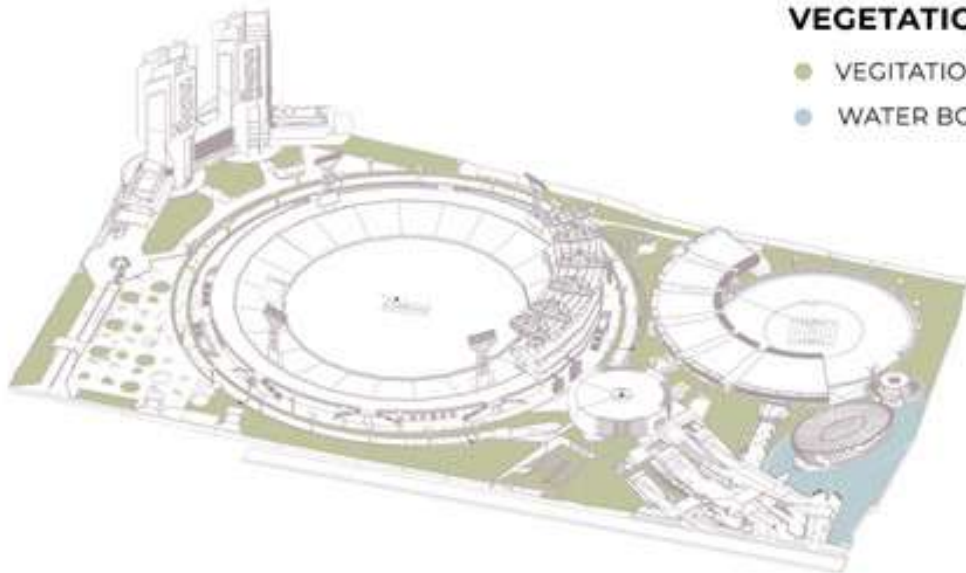
CIRCULATION

- PEDESTRIAN
- VEHICULAR



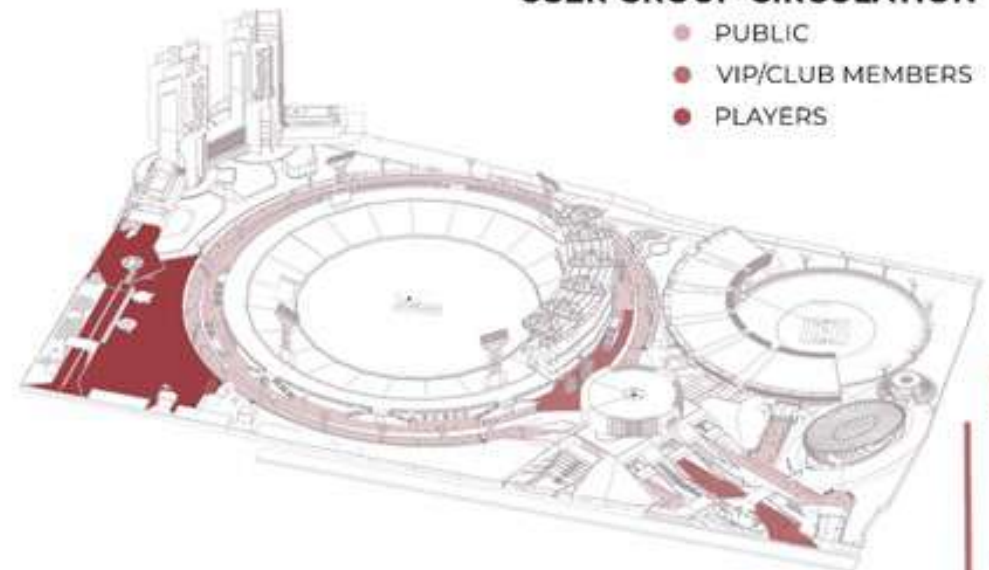
VEGETATION

- VEGETATION
- WATER BODY



USER GROUP CIRCULATION

- PUBLIC
- VIP/CLUB MEMBERS
- PLAYERS



AERIAL VIEW









THE CREST PAVILION

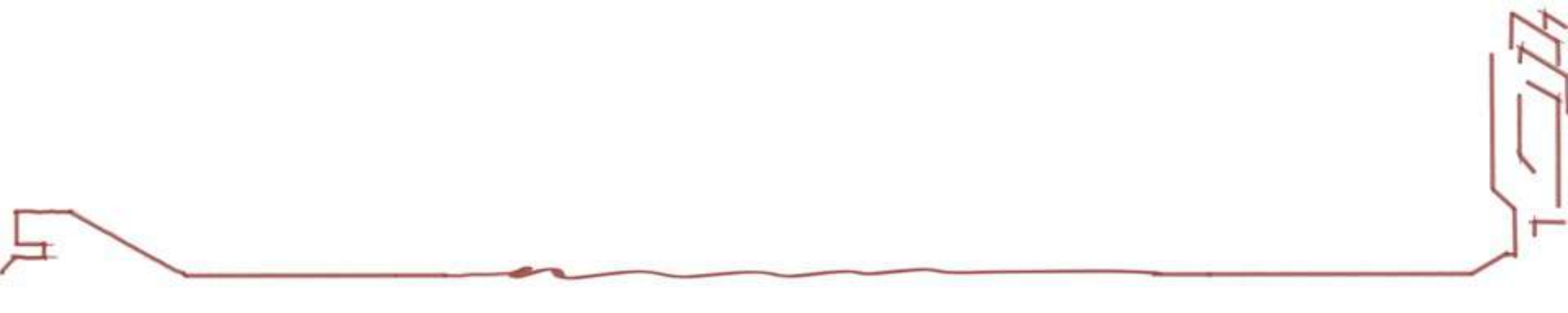
"Elevated design for Elevated living"

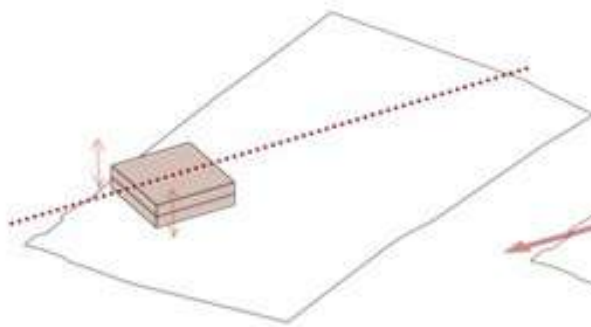
The Clubhouse is a multi-layered spatial experience, where history, urban continuity, and elite hospitality converge. Architecturally, it is conceived as a fluid extension of the site, responding to its immediate stadium context, circulation dynamics, and panoramic views while transitioning seamlessly from a public, open lower level to a private, exclusive upper realm.



Members

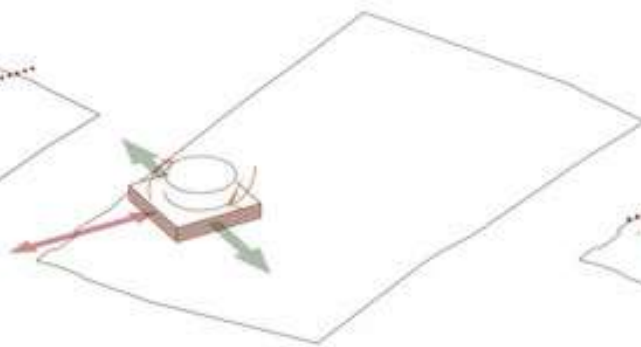
Public





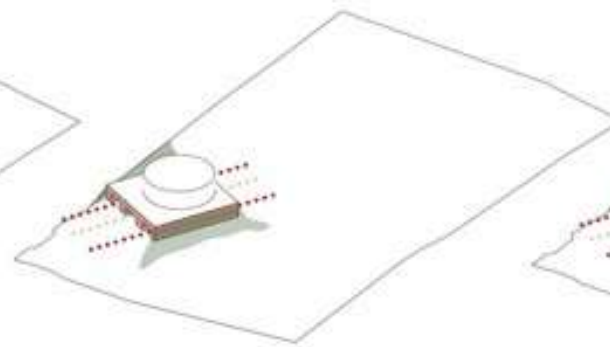
AXIS

Axis defined with the existing stadium and clubhouse placed in close proximity to the entry plaza



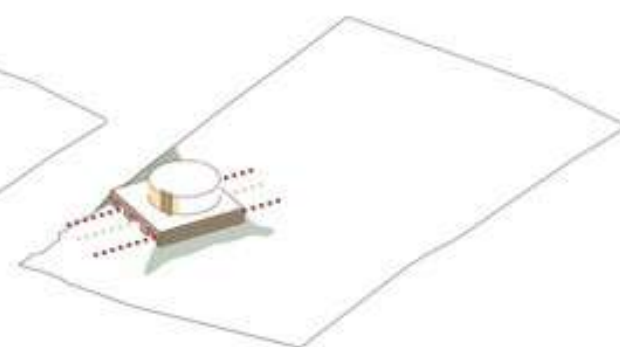
BALANCE

Axis is complimented by introducing landscape on either sides to soften the mass



INTEGRATE

Introducing different typologies of circulation, which blends the hardscape into softscape seamlessly.



OPTIMIZE

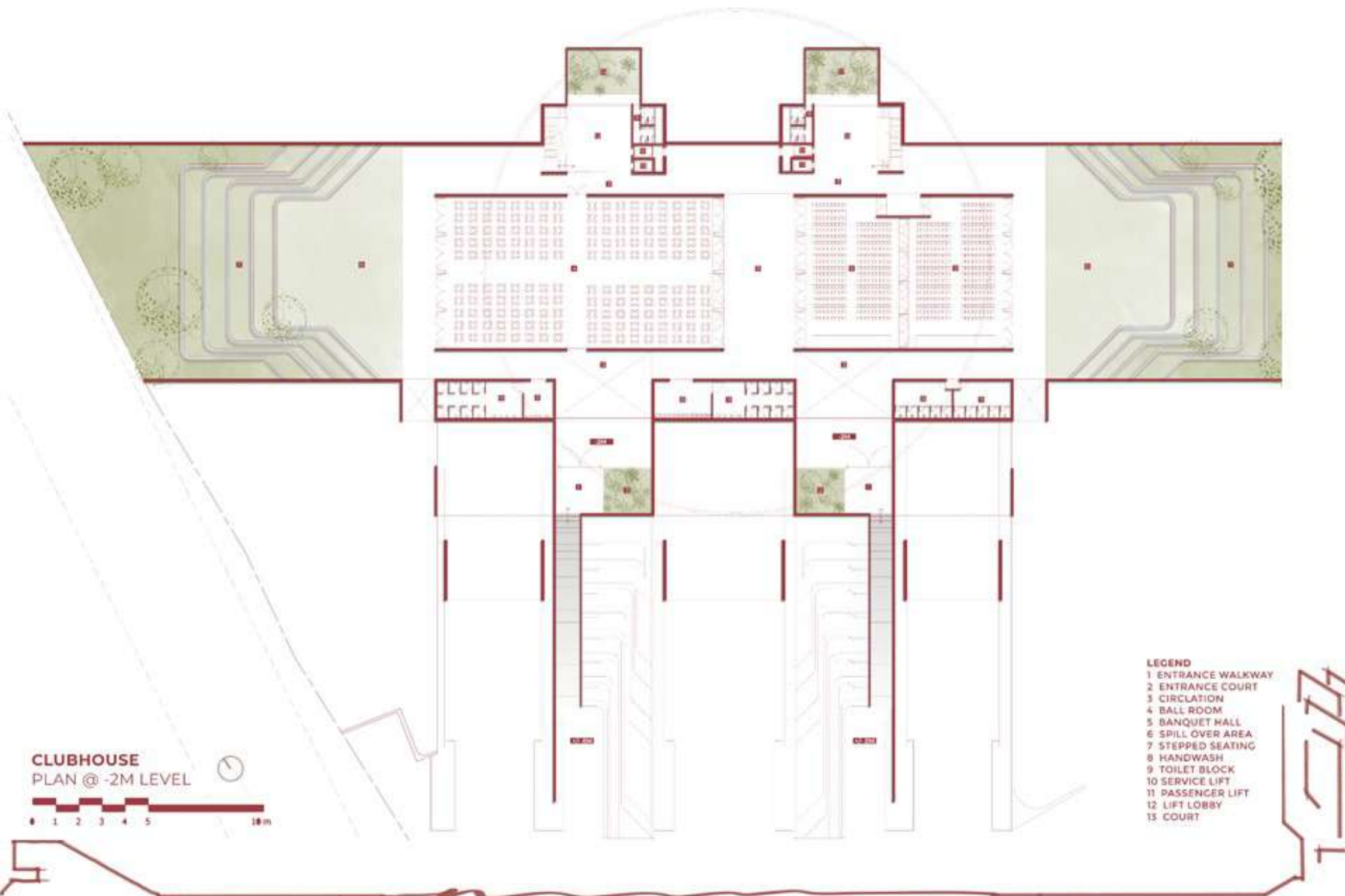
Incorporate vertical fins to reduce heat gain while maximising daylighting to enhance energy efficiency in a space



CLUBHOUSE
PLAN @ -2M LEVEL



- LEGEND**
- 1 ENTRANCE WALKWAY
 - 2 ENTRANCE COURT
 - 3 CIRCULATION
 - 4 BALL ROOM
 - 5 BANQUET HALL
 - 6 SPILL OVER AREA
 - 7 STEPPED SEATING
 - 8 HANDWASH
 - 9 TOILET BLOCK
 - 10 SERVICE LIFT
 - 11 PASSENGER LIFT
 - 12 LIFT LOBBY
 - 13 COURT



CLUBHOUSE
PLAN @ +4M LEVEL



- LEGEND
- 1. PUBLIC ENTRY
 - 2. VIP ENTRY
 - 3. VIP DROP OFF
 - 4. RAMP TO PARKING
 - 5. RAMP FROM PARKING
 - 6. RECEPTION
 - 7. WAITING LOUNGE
 - 8. LIFT LOBBY
 - 9. PASSENGER LIFT
 - 10. SERVICE LIFT
 - 11. TOILET BLOCK

474

CLUBHOUSE
PLAN @ +8.3M LEVEL



- LEGEND**
- 1 ENTRANCE OAT
 - 2 ENTRANCE DECK
 - 3 MUSEUM RECEPTION
 - 4 SPORTS BAR RECEPTION
 - 5 STEPPED DISPLAY
 - 6 STEPPED SEATING
 - 7 LIFT LOBBY
 - 8 PASSENGER LIFT
 - 9 SERVICE LIFT
 - 10 TOILET BLOCK

Architect's signature and stamp.

CLUBHOUSE
PLAN @ +11.6M LEVEL



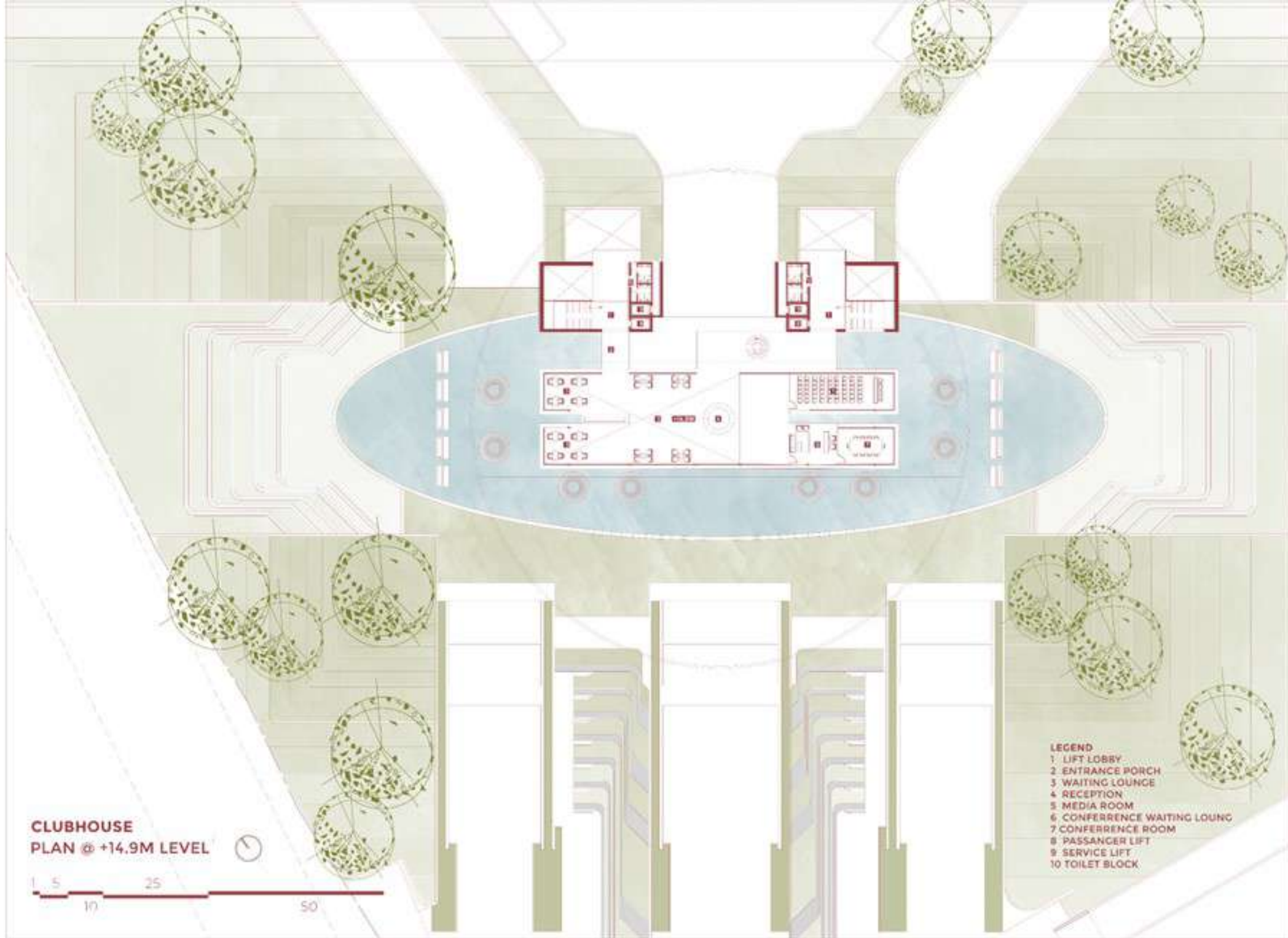
- LEGEND**
- 1 LIFT LOBBY
 - 2 MUSEUM DISPLAY AREA
 - 3 MUSEUM STEPPED SEATING
 - 4 BAR COUNTER
 - 5 BAR SEATING
 - 6 BAR STEPPED SEATING
 - 7 HIGH TABLE
 - 8 PASSENGER LIFT
 - 9 SERVICE LIFT
 - 10 TOILET BLOCK
 - 11 WAITING LOUNGE

Architectural drawing showing the clubhouse plan at +11.6M level. The plan includes a central museum display area with stepped seating, a bar counter, bar seating, bar stepped seating, high tables, passenger lifts, service lifts, toilet blocks, and waiting lounges. The plan is surrounded by landscaped areas with trees and paths.

CLUBHOUSE
PLAN @ +14.9M LEVEL



- LEGEND**
- 1 LIFT LOBBY
 - 2 ENTRANCE PORCH
 - 3 WAITING LOUNGE
 - 4 RECEPTION
 - 5 MEDIA ROOM
 - 6 CONFERENCE WAITING LOUNG
 - 7 CONFERENCE ROOM
 - 8 PASSANGER LIFT
 - 9 SERVICE LIFT
 - 10 TOILET BLOCK



4/11/14

CLUBHOUSE
PLAN @ +18 M LEVEL

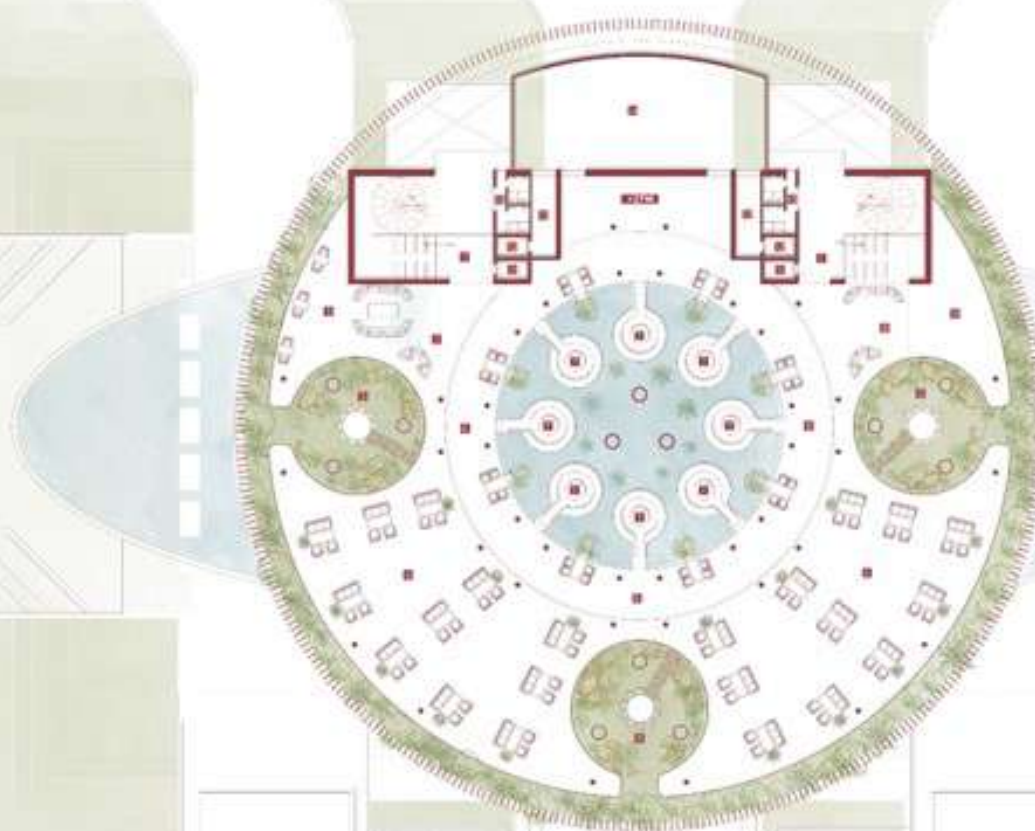


LEGEND

- 1 MEDIA ROOM
- 2 CONFERENCE WAITING LOUNG
- 3 CONFERENCE ROOM

4/11/17

CLUBHOUSE
PLAN @ +27 M LEVEL



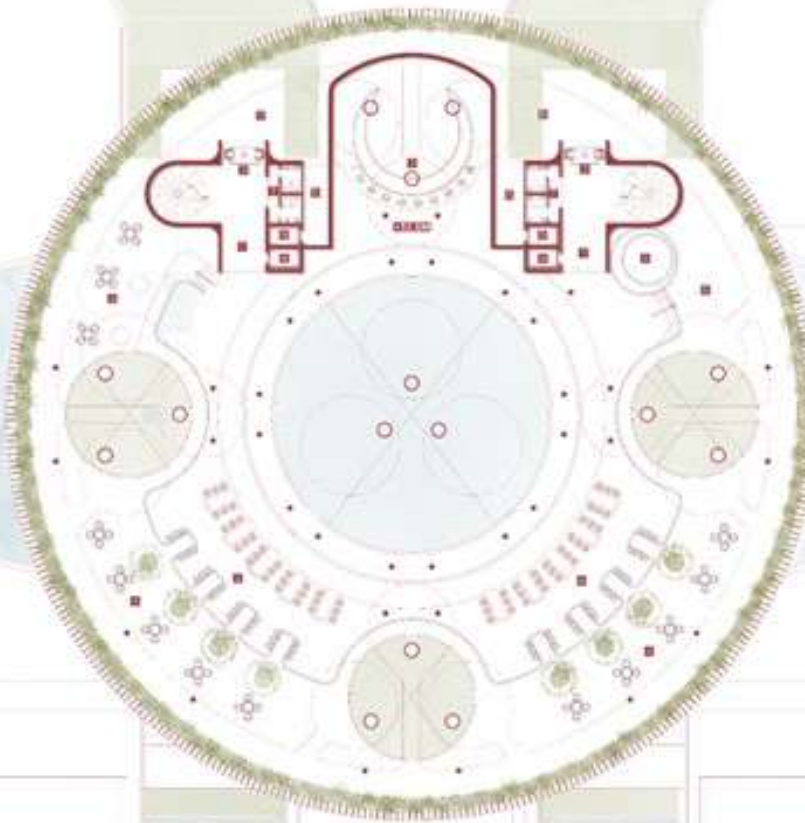
- LEGEND**
- 1. LIFT LOBBY
 - 2. RECEPTION
 - 3. WAITING LOUNGE
 - 4. INDOOR DINING
 - 5. GARDEN SEATING
 - 6. SEMI-OUTDOOR SEATING
 - 7. WATER DINING
 - 8. BILLING COUNTER
 - 9. SMOKING ZONE
 - 10. TOILET BLOCK
 - 11. PASSENGER LIFT
 - 12. SERVICE LIFT
 - 13. SERVICE ENTRY
 - 14. KITCHEN/STORE

4/11/14

CLUBHOUSE
PLAN @ +32.5 M LEVEL



- LEGEND**
- 1. LIFT LOBBY
 - 2. WAITING AREA
 - 3. BAR COUNTER
 - 4. STEPPED SEATING
 - 5. DJ
 - 6. DANCE FLOOR
 - 7. TOILET BLOCK
 - 8. PASSENGER LIFT
 - 9. SERVICE LIFT
 - 10. SERVICE ENTRY
 - 11. KITCHEN/STORE

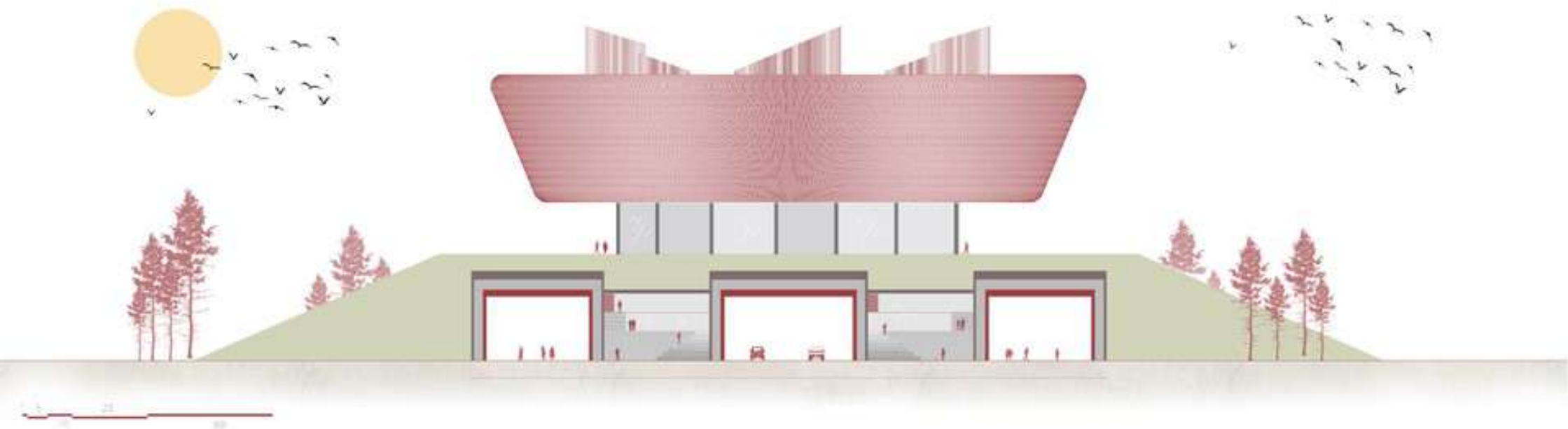


CLUBHOUSE
PLAN @ +36.4 M LEVEL



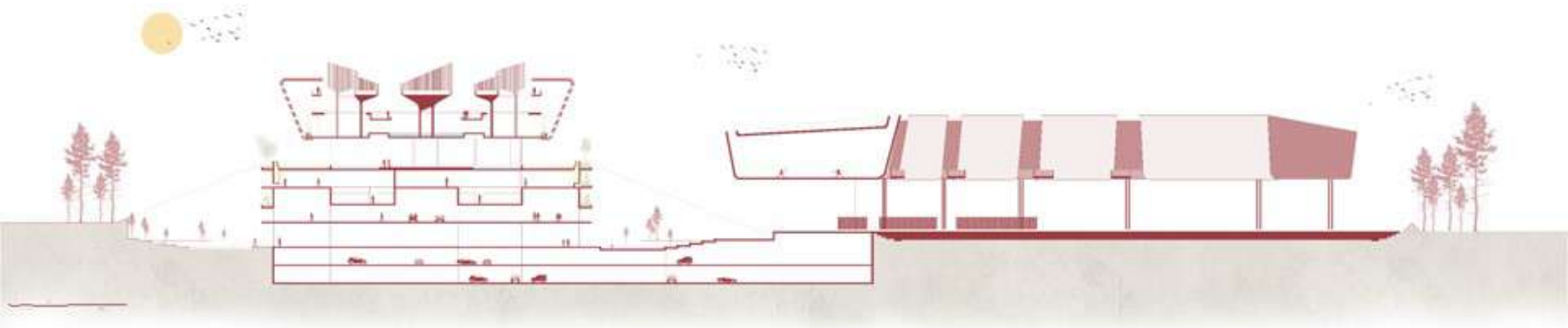
- LEGEND**
- 1 LIFT LOBBY
 - 2 SKY RING
 - 3 SKY DINING
 - 4 PARTY SPACE
 - 5 TOILET BLOCK
 - 6 SERVICE LIFT
 - 7 PASSENGER LIFT

47



Front Elevation





Section across E-W axis

















NON-MATCH DAYS





MATCH DAYS

TRIUMPH

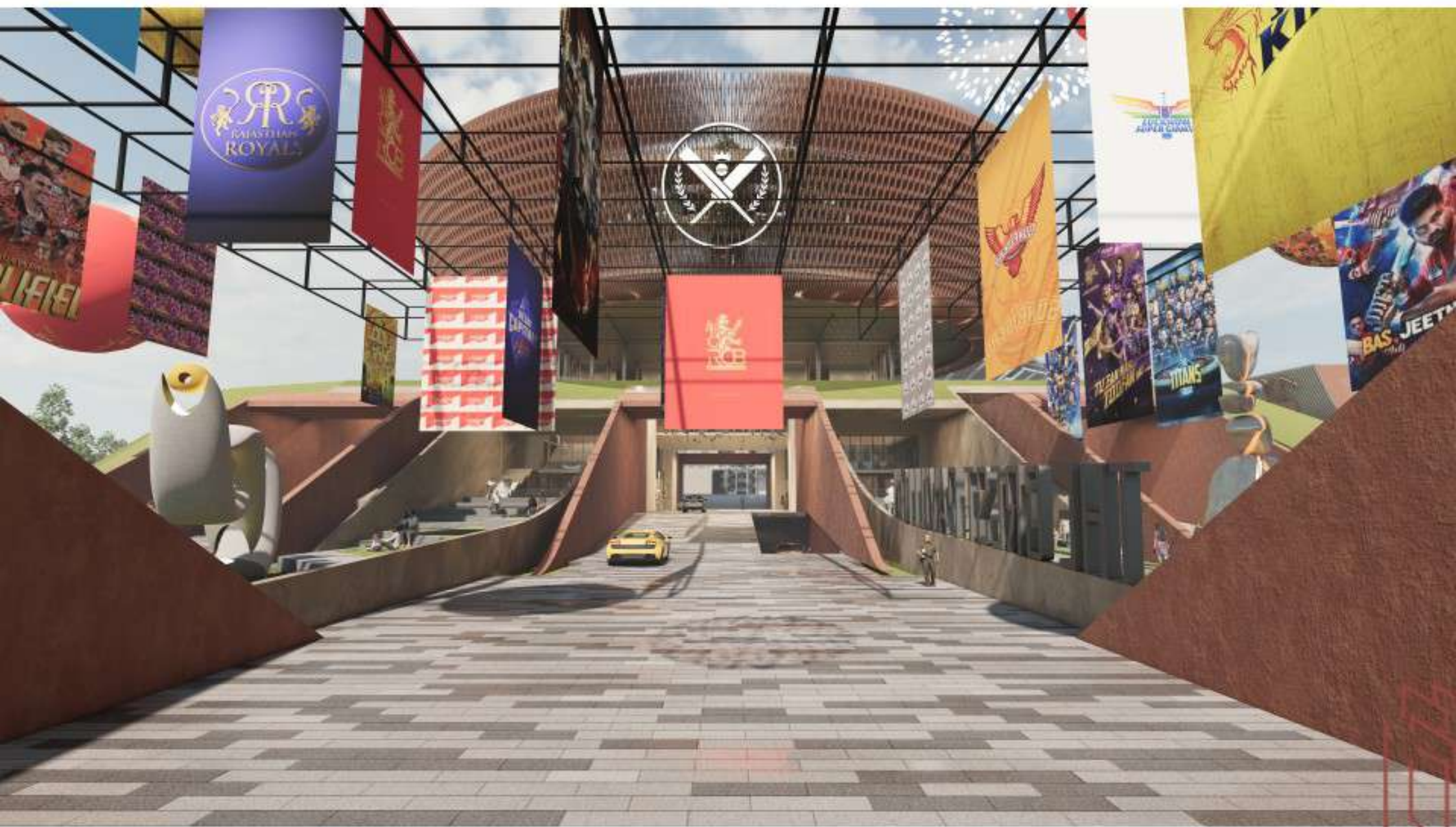
CELEBRATION

JOY



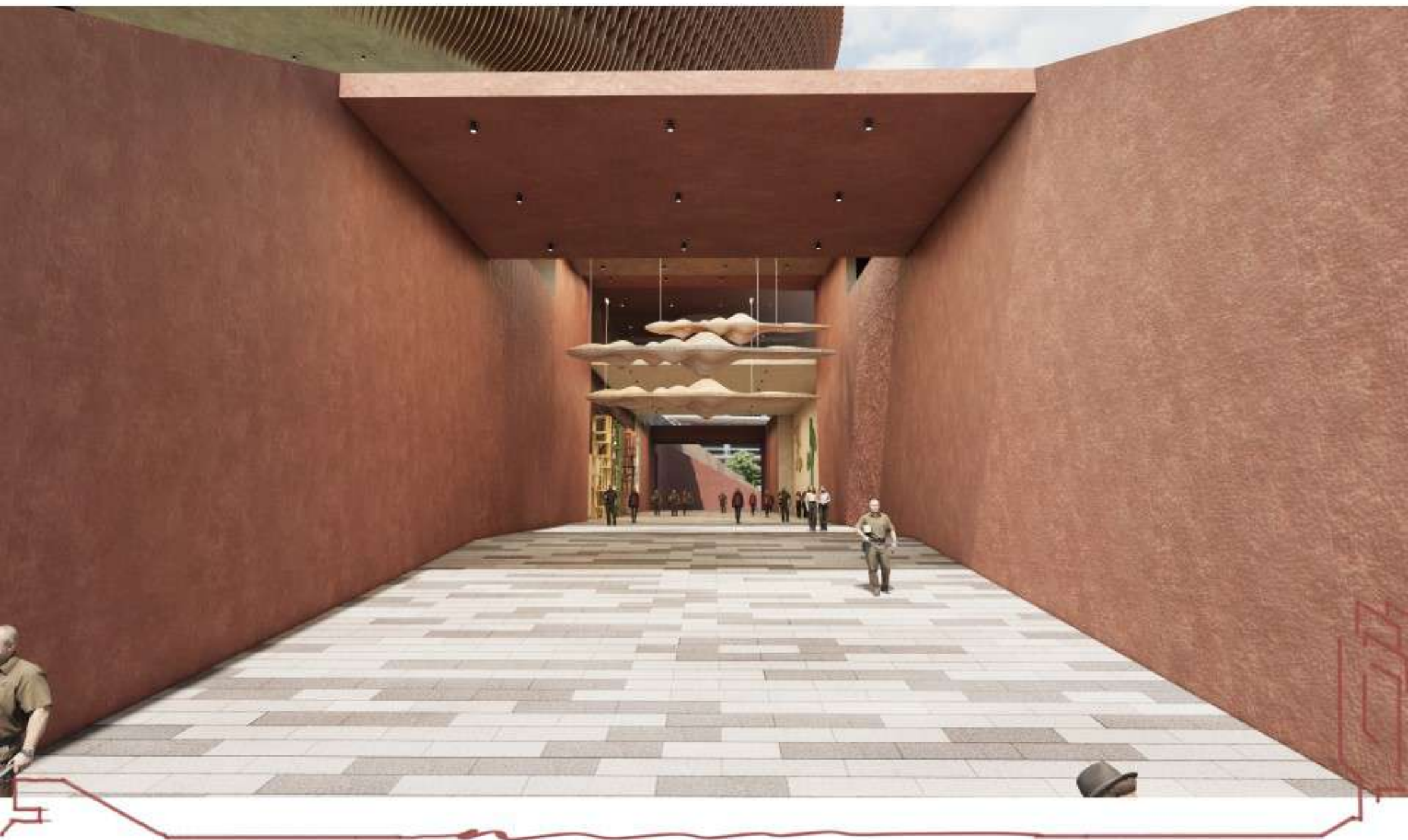


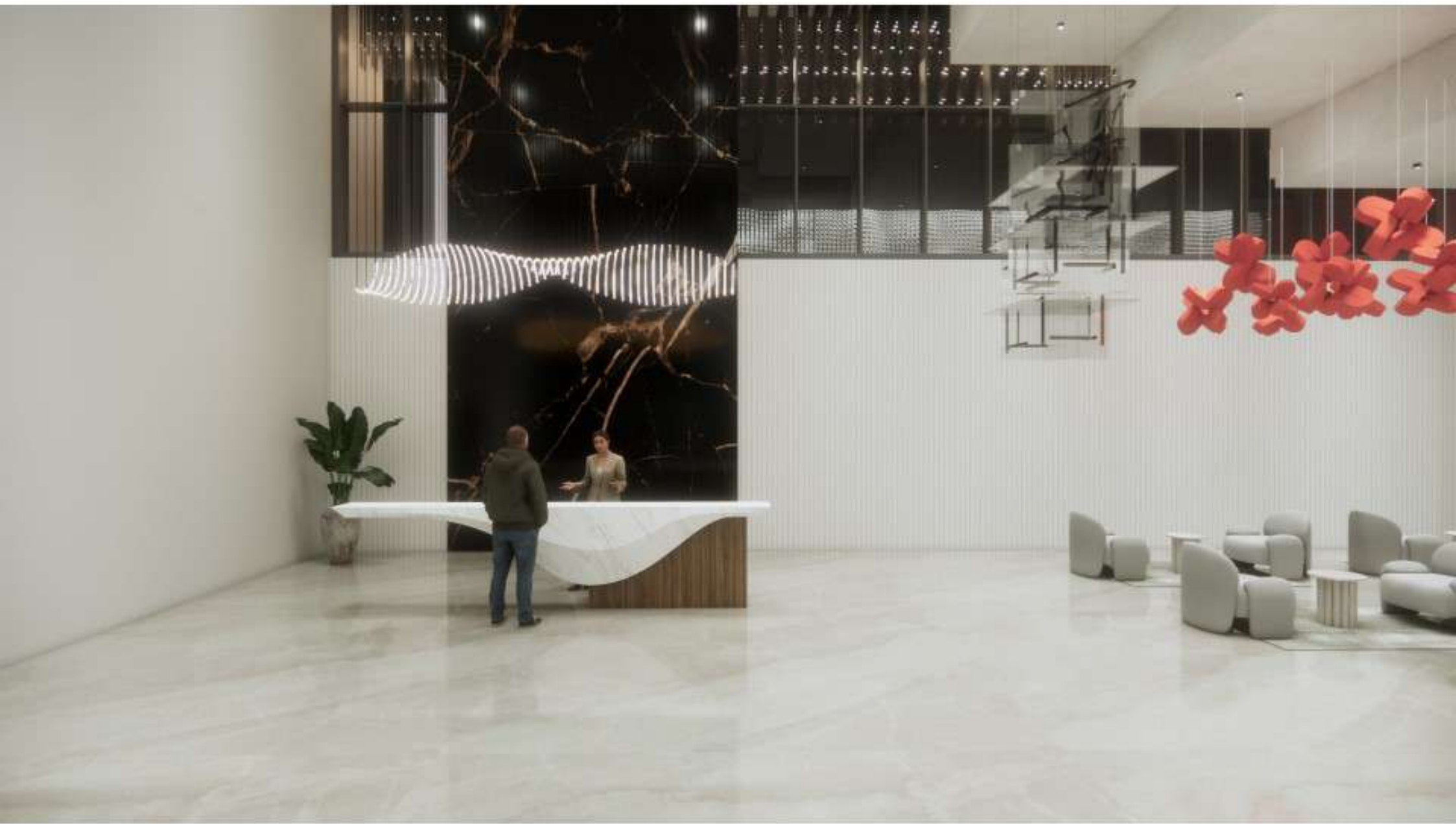






















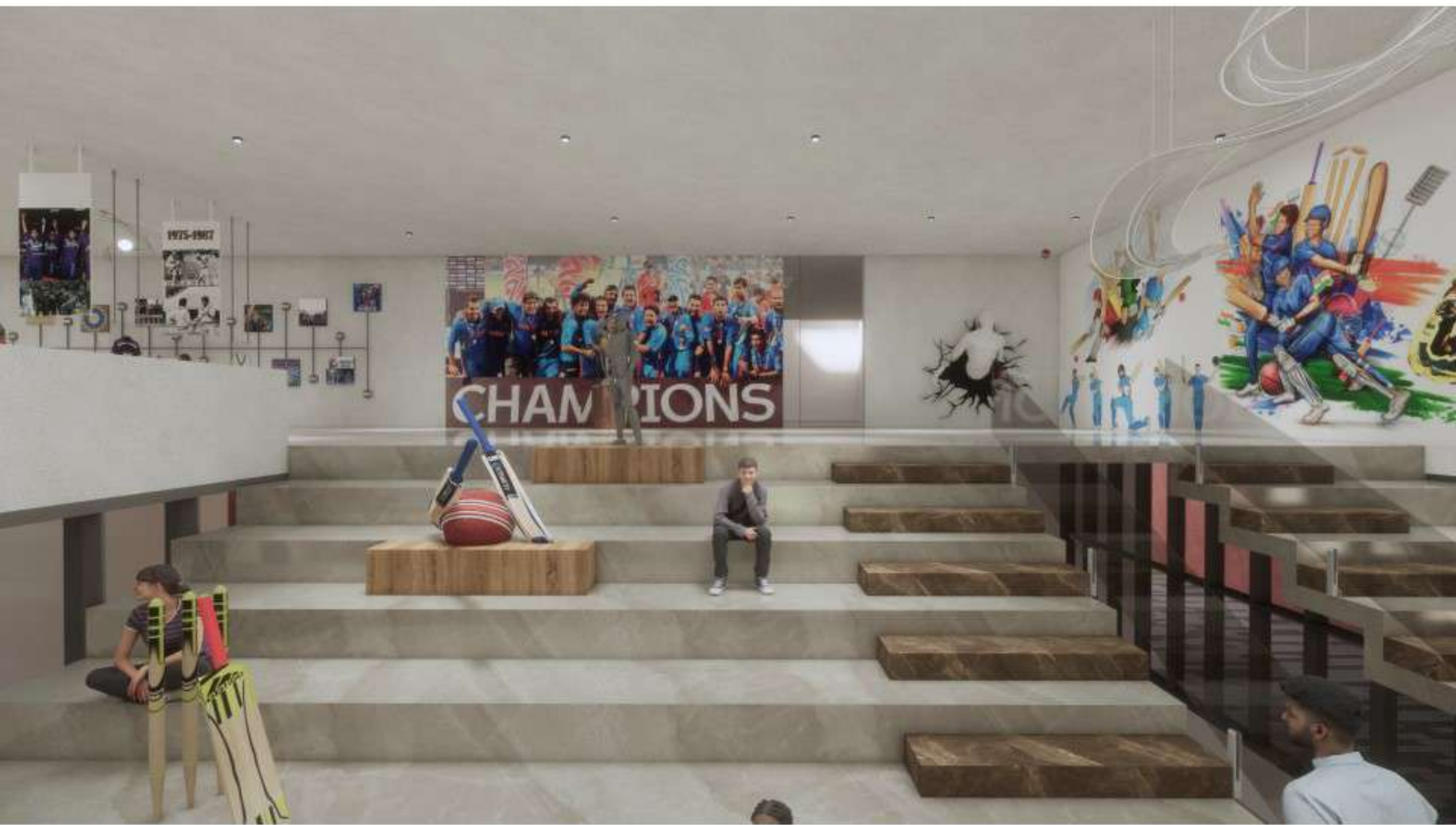






















































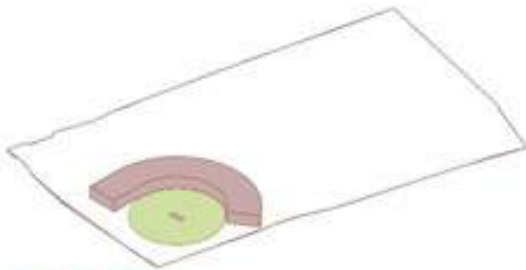
THE KINETIC RING

"Motion in Every Curve."

The Kinetic Ring is a high-energy hub for training, recreation, and competition. Its interconnected spaces enhance movement, agility, and performance, while modern facilities create an immersive environment for athletes to excel.

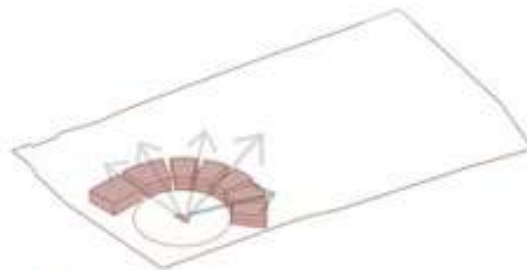






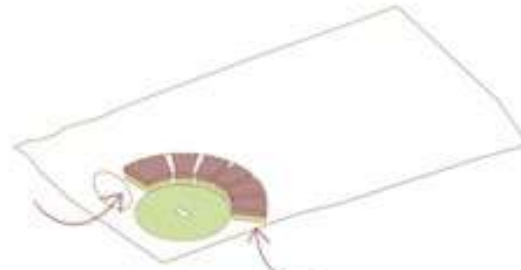
ENCLOSE

Enclosing the pitch to define the mass while maintaining connectivity



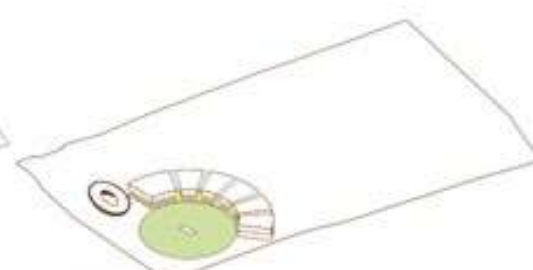
BREAK

Breaking the mass into multiple blocks as a zoning strategy where sports facilities are seamlessly integrated into a cohesive layout.



ELEVATE

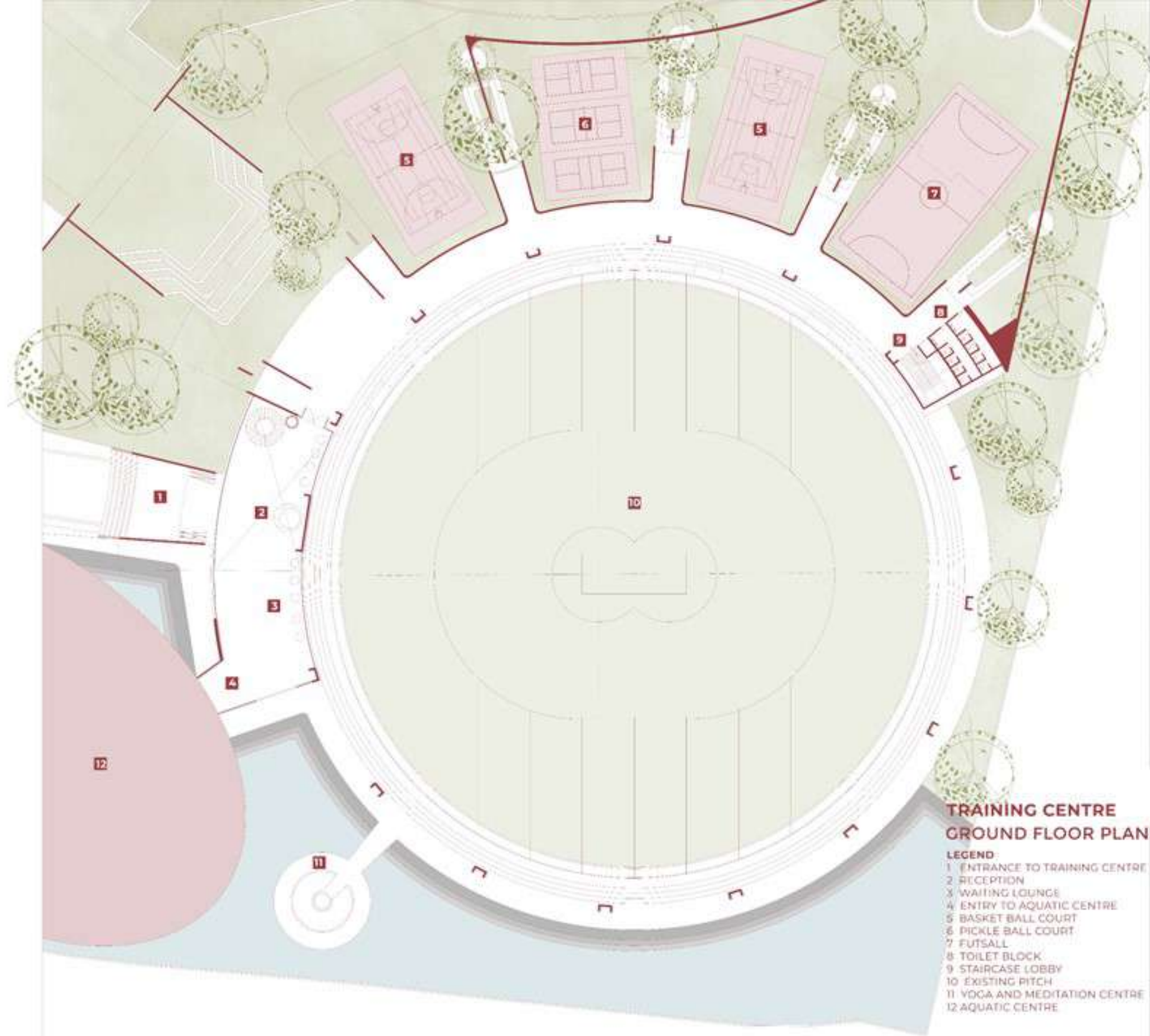
The Elevate Approach in radial massing separates the indoor sports complex from the outdoor, improving functional zoning and spatial organization.



LUMINATE

Adding skylights to bring the natural light into the mass ensuring optimized usage, circulation, and flexibility, creating a dynamic yet unified sports environment.

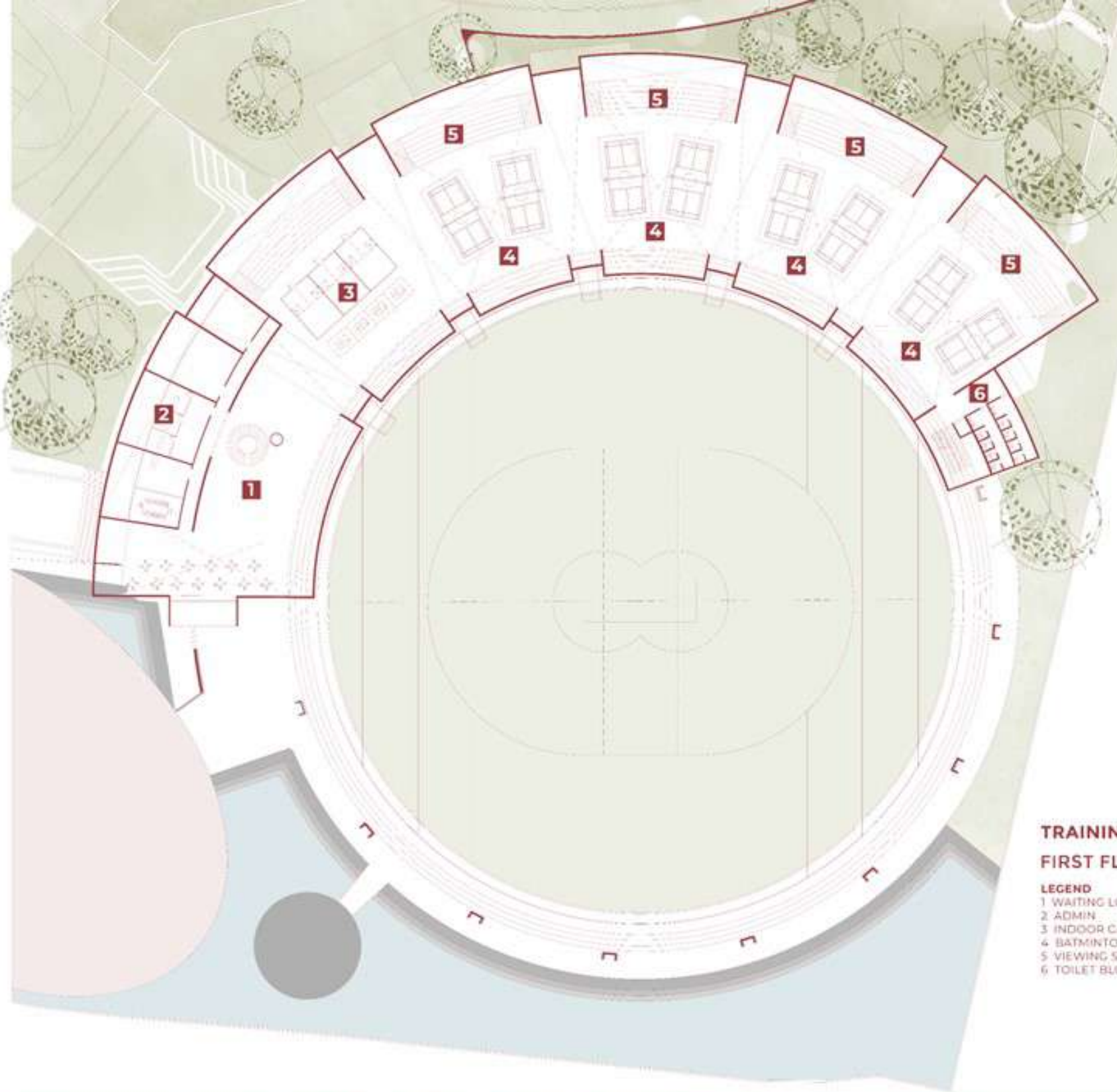




TRAINING CENTRE GROUND FLOOR PLAN

- LEGEND:**
- 1 ENTRANCE TO TRAINING CENTRE
 - 2 RECEPTION
 - 3 WAITING LOUNGE
 - 4 ENTRY TO AQUATIC CENTRE
 - 5 BASKET BALL COURT
 - 6 PICKLE BALL COURT
 - 7 FUTSALL
 - 8 TOILET BLOCK
 - 9 STAIRCASE LOBBY
 - 10 EXISTING PITCH
 - 11 YOGA AND MEDITATION CENTRE
 - 12 AQUATIC CENTRE





TRAINING CENTRE FIRST FLOOR PLAN

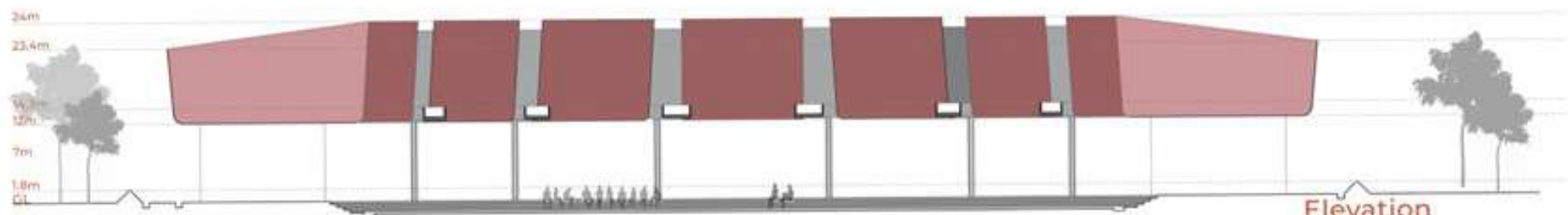
LEGEND

- 1 WAITING LOUNGE
- 2 ADMIN
- 3 INDOOR GAMES
- 4 BADMINTON COURT
- 5 VIEWING STANDS
- 6 TOILET BLOCK





Sectional elevation

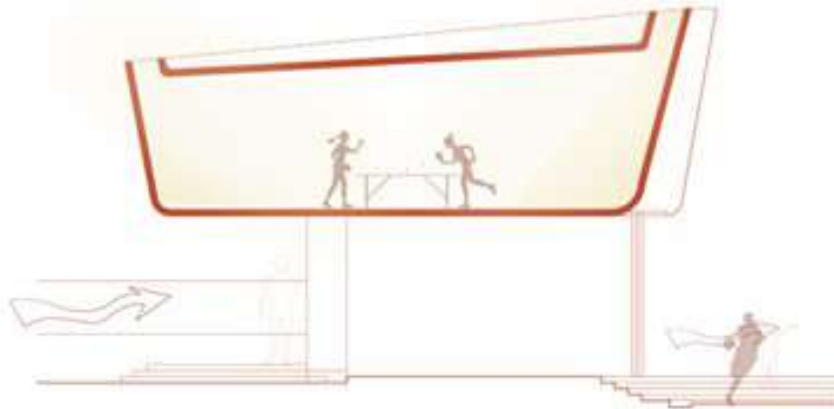


Elevation

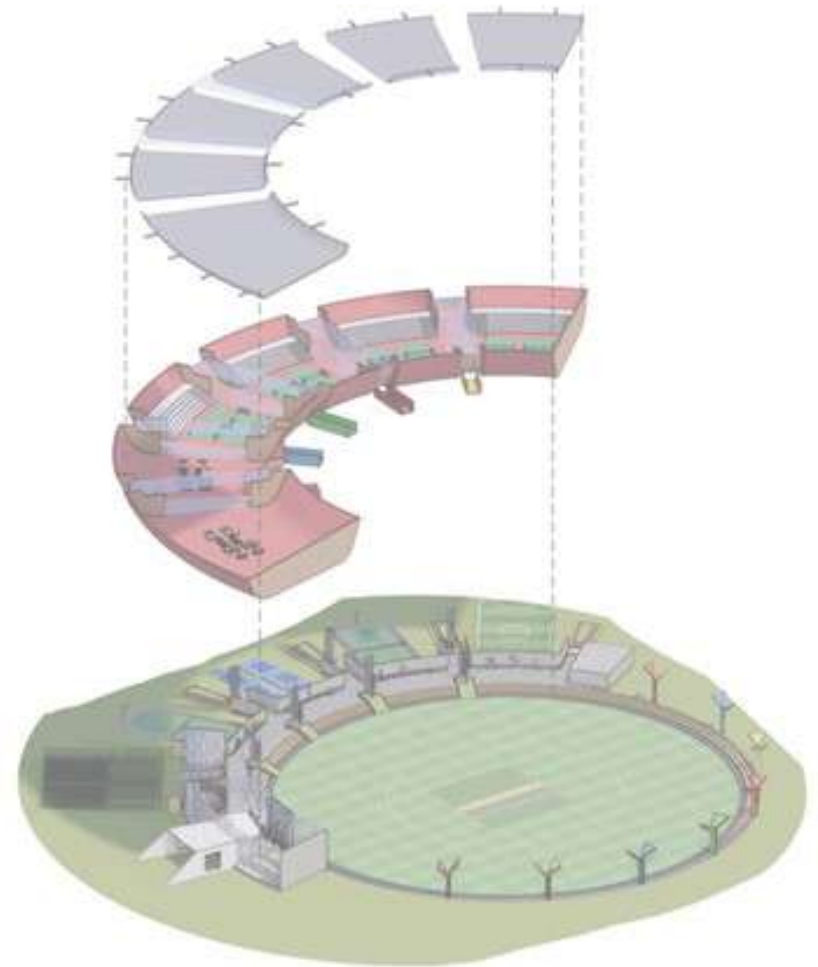


MODULAR UNIT

The modular blocks are designed with semi-open spaces at the ground level, allowing for a seamless visual and spatial connection to the outdoor courts.



The design prioritizes permeability, allowing the building to feel more open and accessible. Skylights are strategically incorporated to flood the interior with natural light, enhancing the overall atmosphere. A single service corridor efficiently provides access to the top floor, optimizing circulation while maintaining a clean, functional design.



EXPLODED VIEW



The Kinetic ring















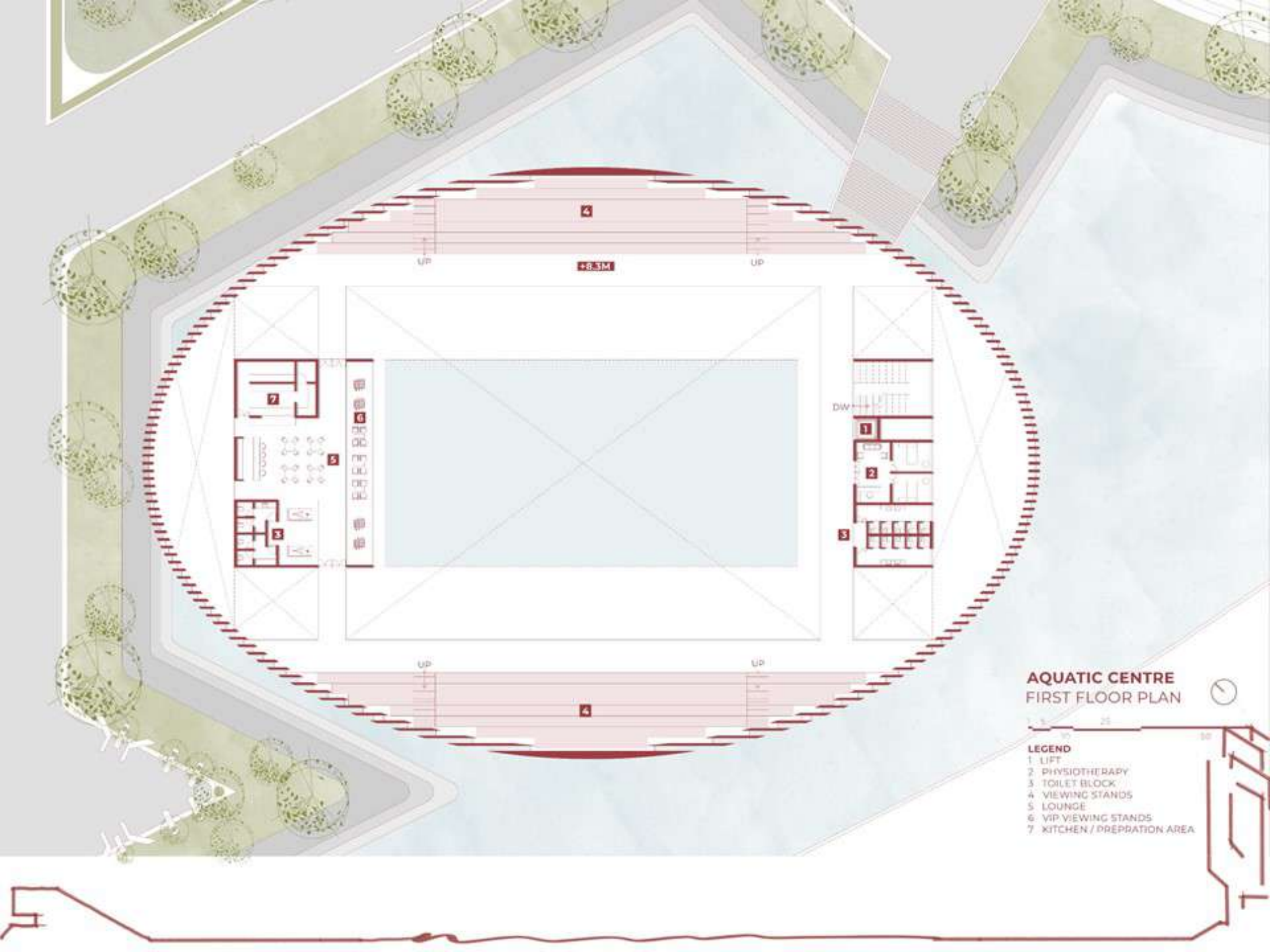




THE AQUATIC CENTER

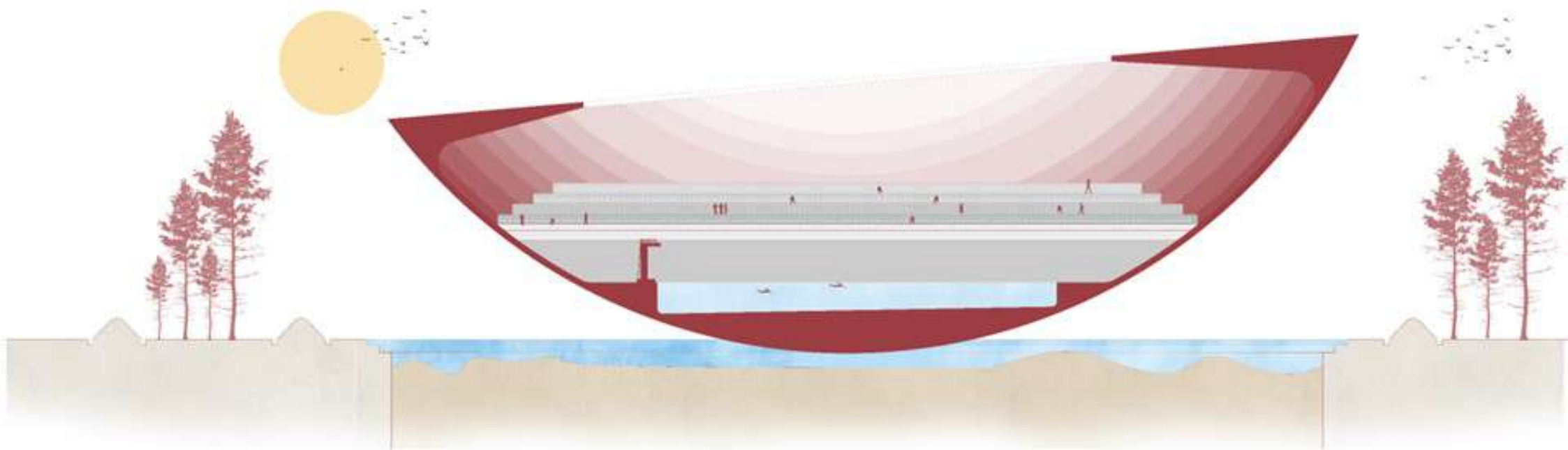
The aquatic center's design centers around a competition-grade, Olympic-sized pool, seamlessly integrated with a dedicated training zone. Envisioned as a dynamic bowl form, the structure is defined by distinctive, fin-like horizontal supports. These structural elements not only provide essential support but also cleverly double as integrated spectator seating, blurring the lines between structure and amenity.





AQUATIC CENTRE FIRST FLOOR PLAN

- LEGEND
- 1 LIFT
 - 2 PHYSIOTHERAPY
 - 3 TOILET BLOCK
 - 4 VIEWING STANDS
 - 5 LOUNGE
 - 6 VIP VIEWING STANDS
 - 7 KITCHEN / PREPARATION AREA















AQUATIC CENTER

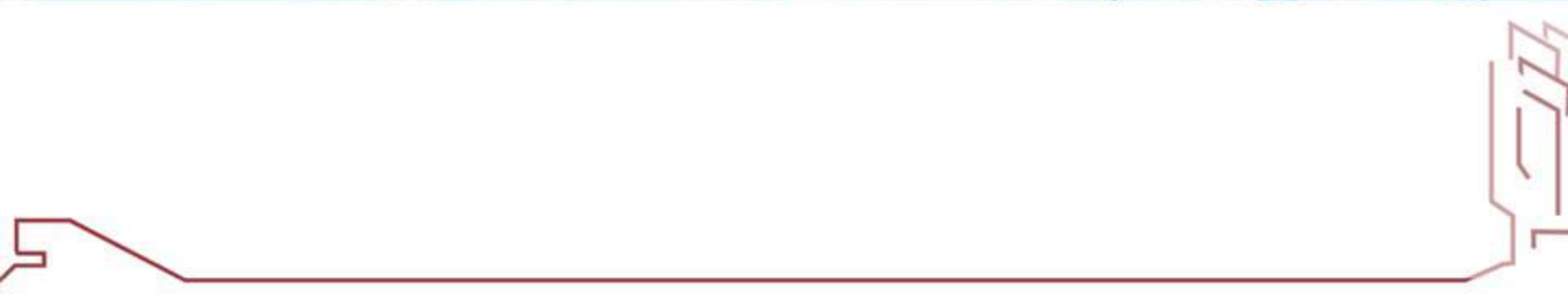












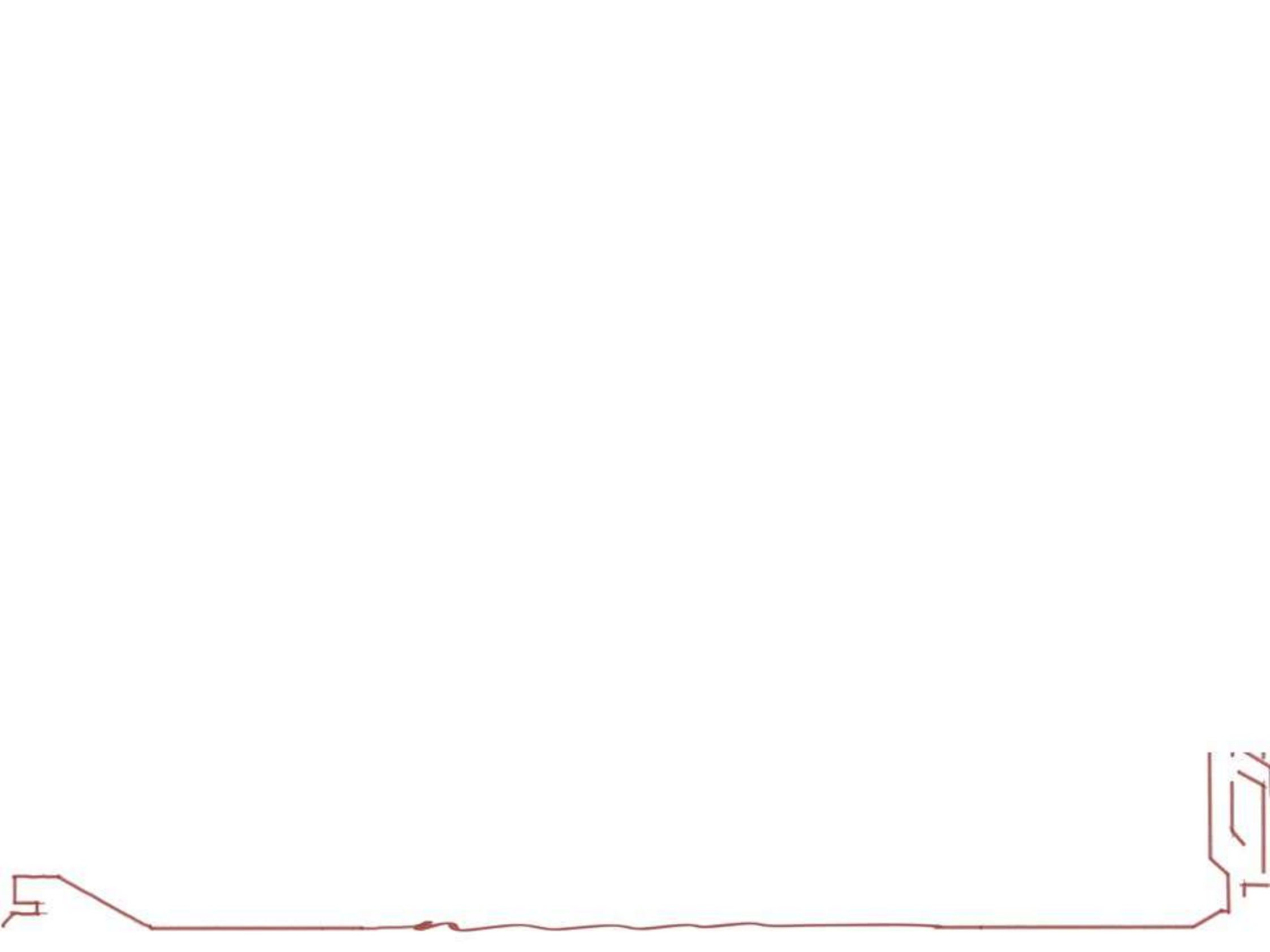


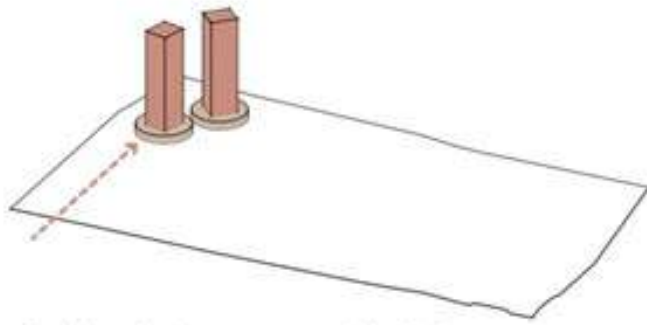


THE HILL VIEW

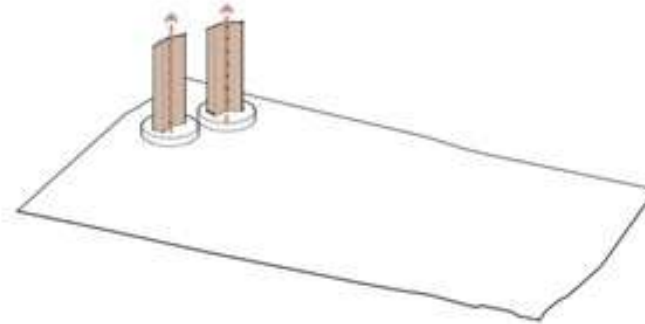
The hill view is a bold fusion of luxury and performance, designed to elevate the athlete's experience. Its twin towers stand tall, offering an environment where privacy, comfort and innovation come together- framed by architectural elements that hint at something extraordinary within.



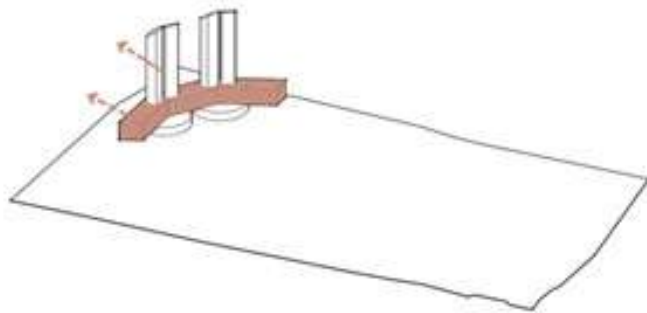
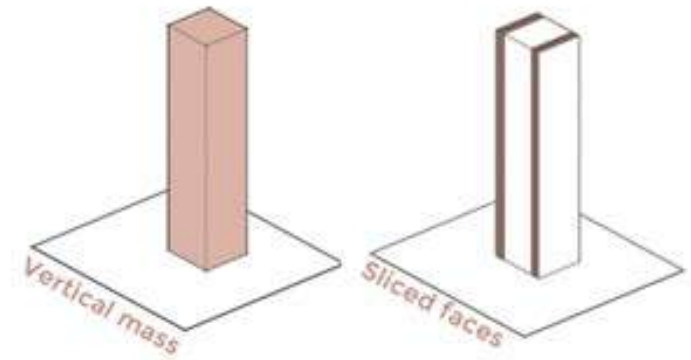




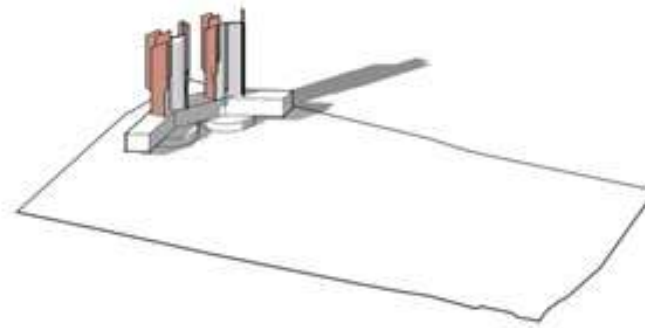
Solid vertical mass on a cylindrical base oriented along the axis



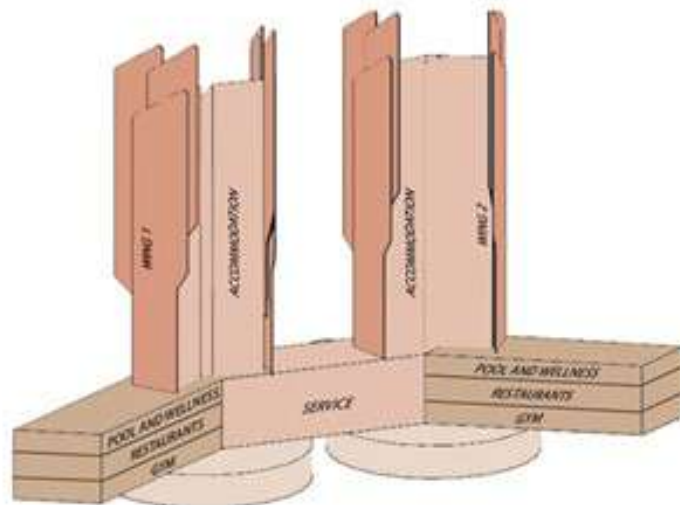
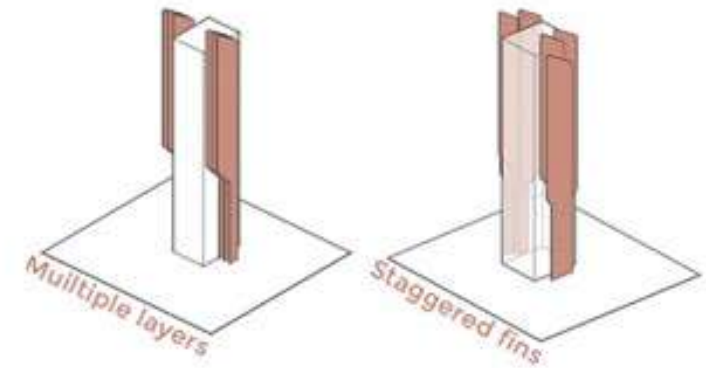
Solid mass is divided with a central shaft for vertical circulation



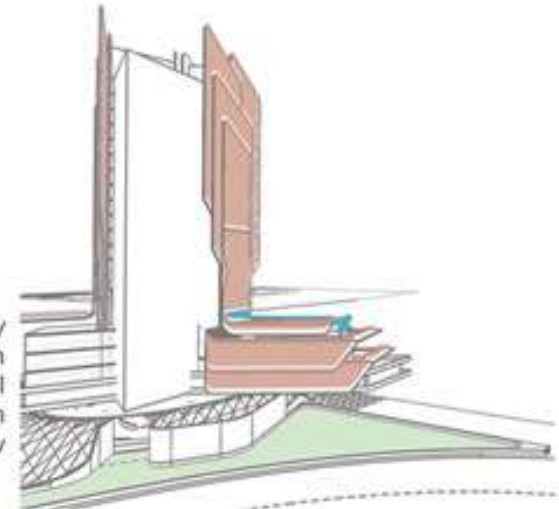
Floor plate extended to accommodate common facilities, spaces aligns to hill view

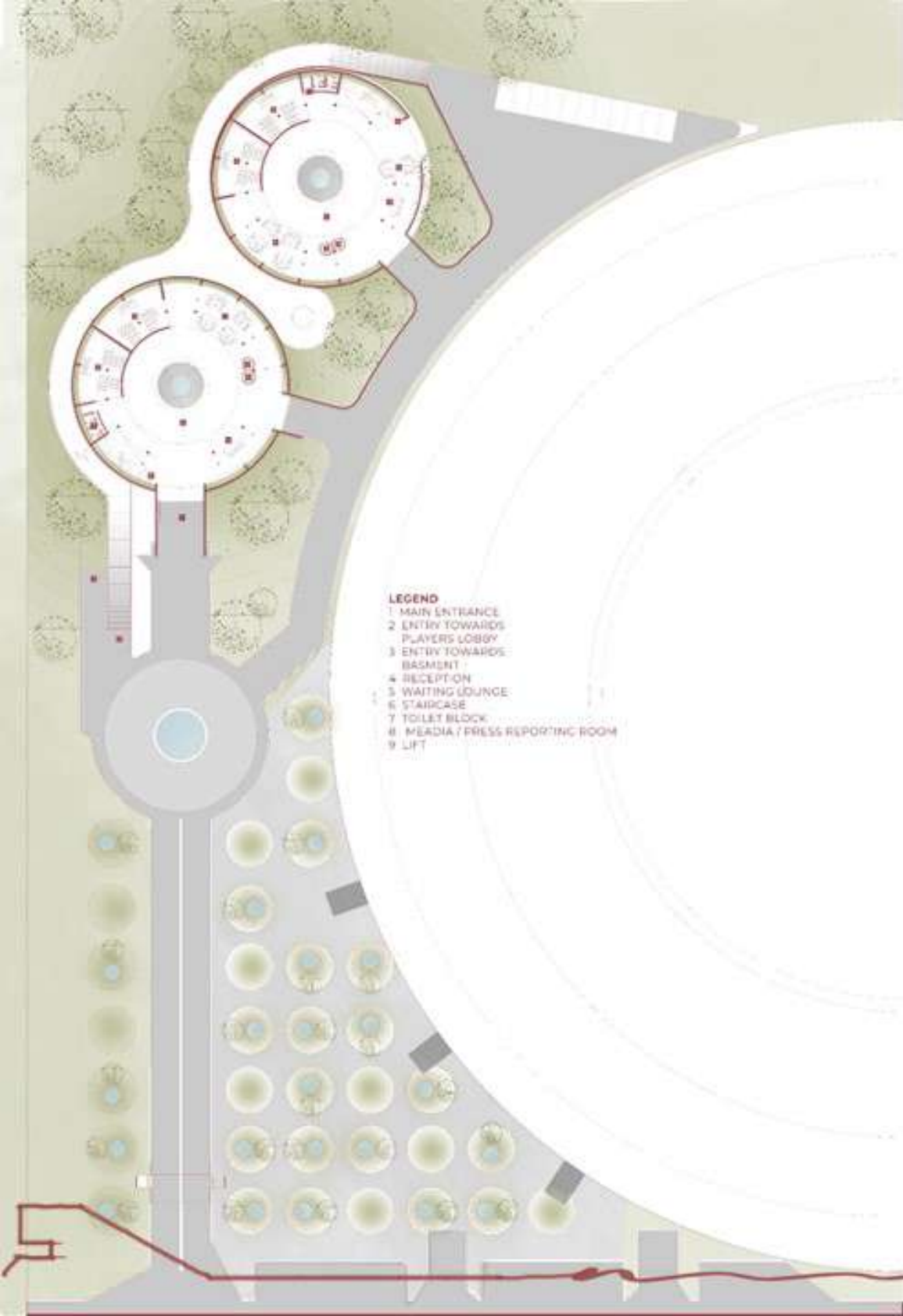


Fins as an external element added to define balcony spaces and give a sense of privacy



Fins are smoothly sloops down creating a horizontal plane aligned with the hill view

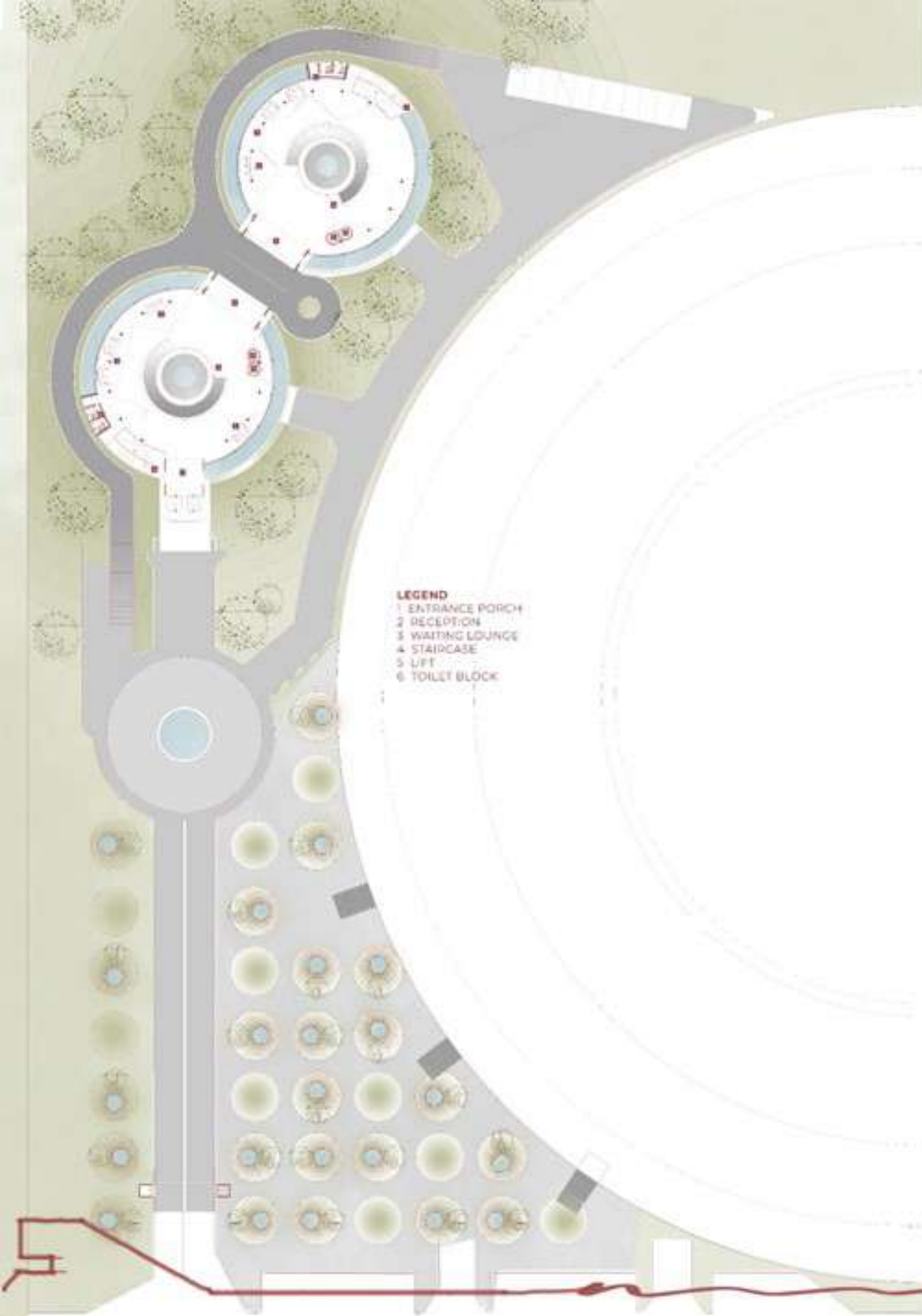




LEGEND

- 1 MAIN ENTRANCE
- 2 ENTRY TOWARDS
PLAYERS LOBBY
- 3 ENTRY TOWARDS
BASMENT
- 4 RECEPTION
- 5 WAITING LOUNGE
- 6 STAIRCASE
- 7 TOILET BLOCK
- 8 MEDIA / PRESS REPORTING ROOM
- 9 LIFT

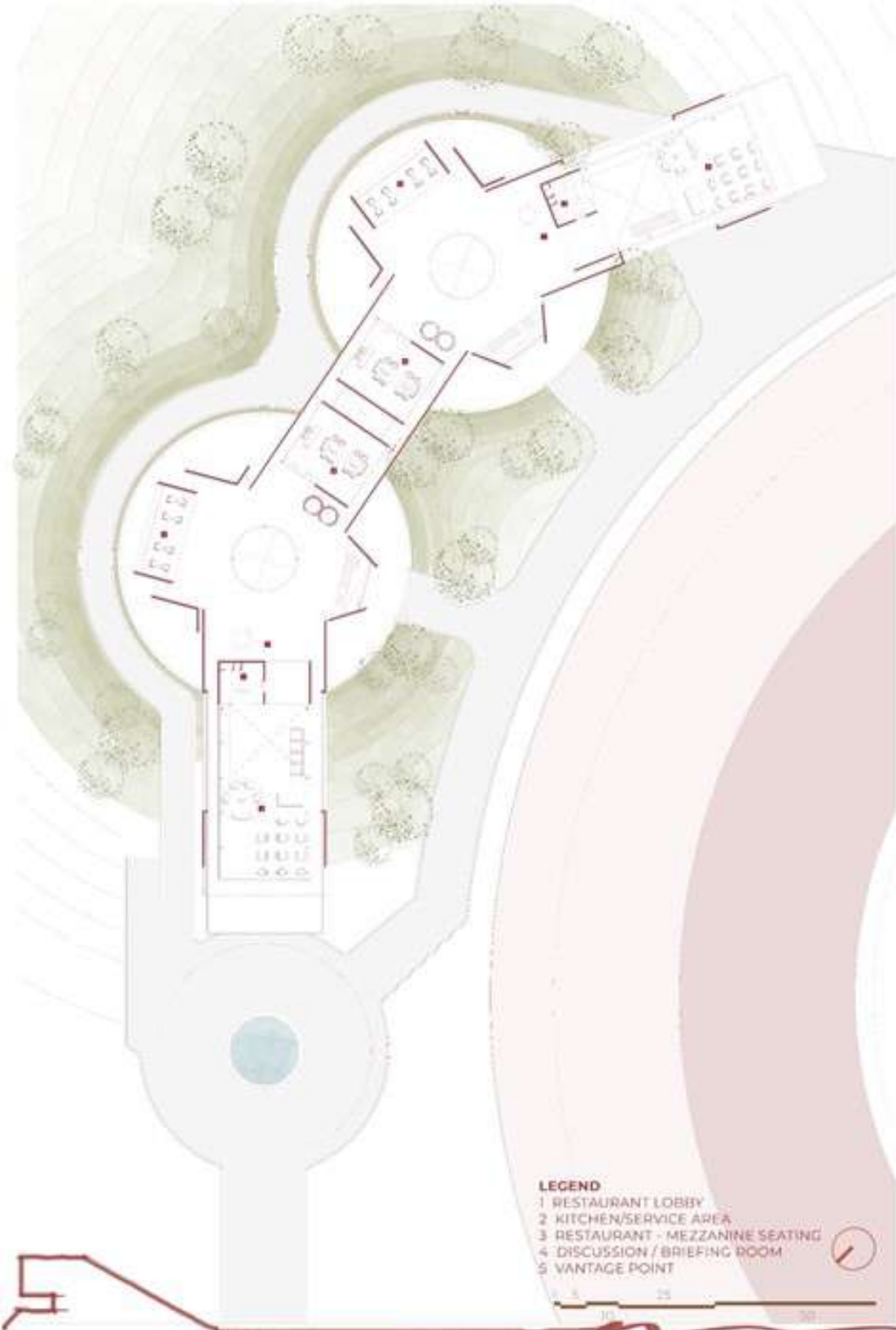




- LEGEND**
- 1 ENTRANCE PORCH
 - 2 RECEPTION
 - 3 WAITING LOUNGE
 - 4 STAIRCASE
 - 5 LIFT
 - 6 TOILET BLOCK

4/14

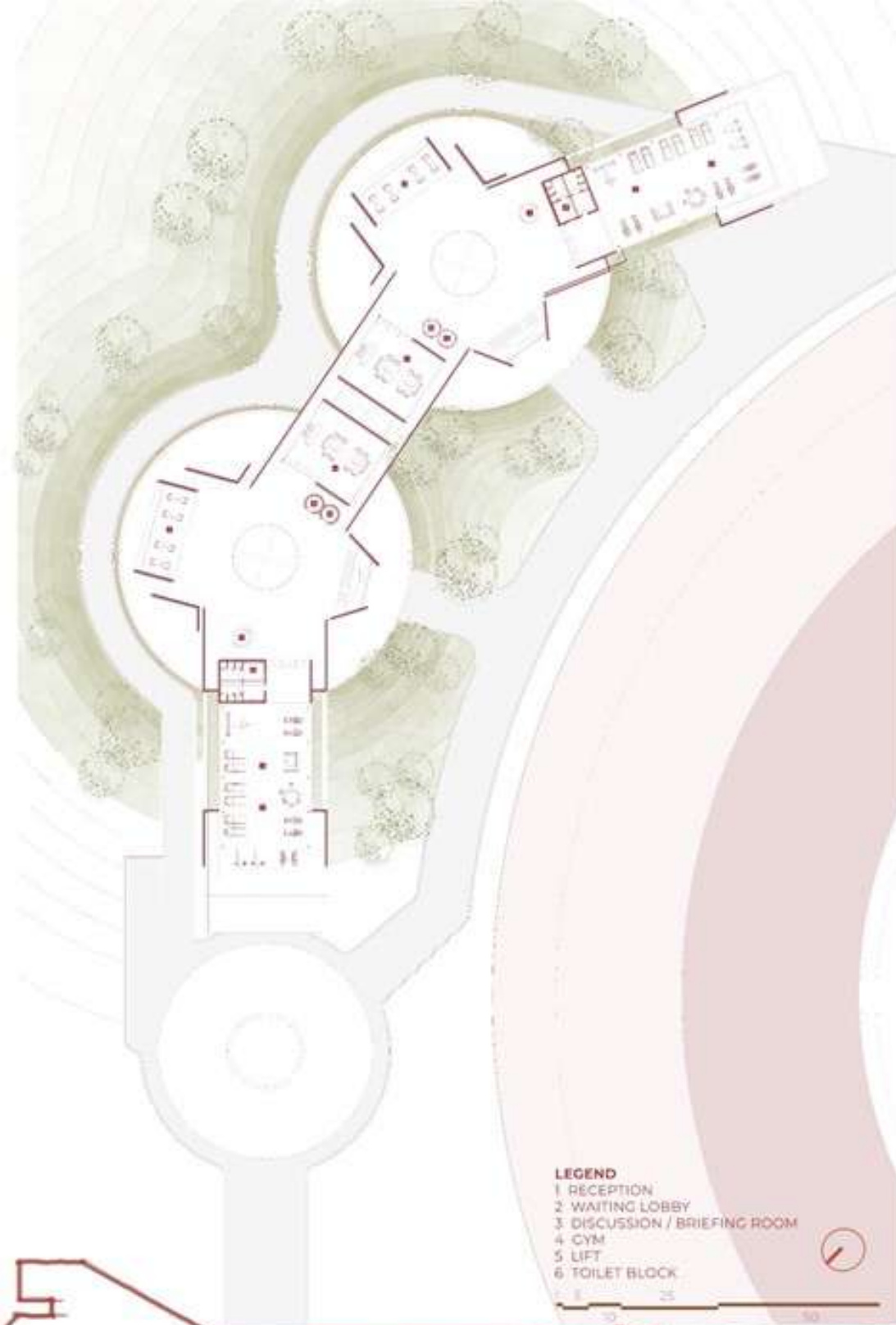


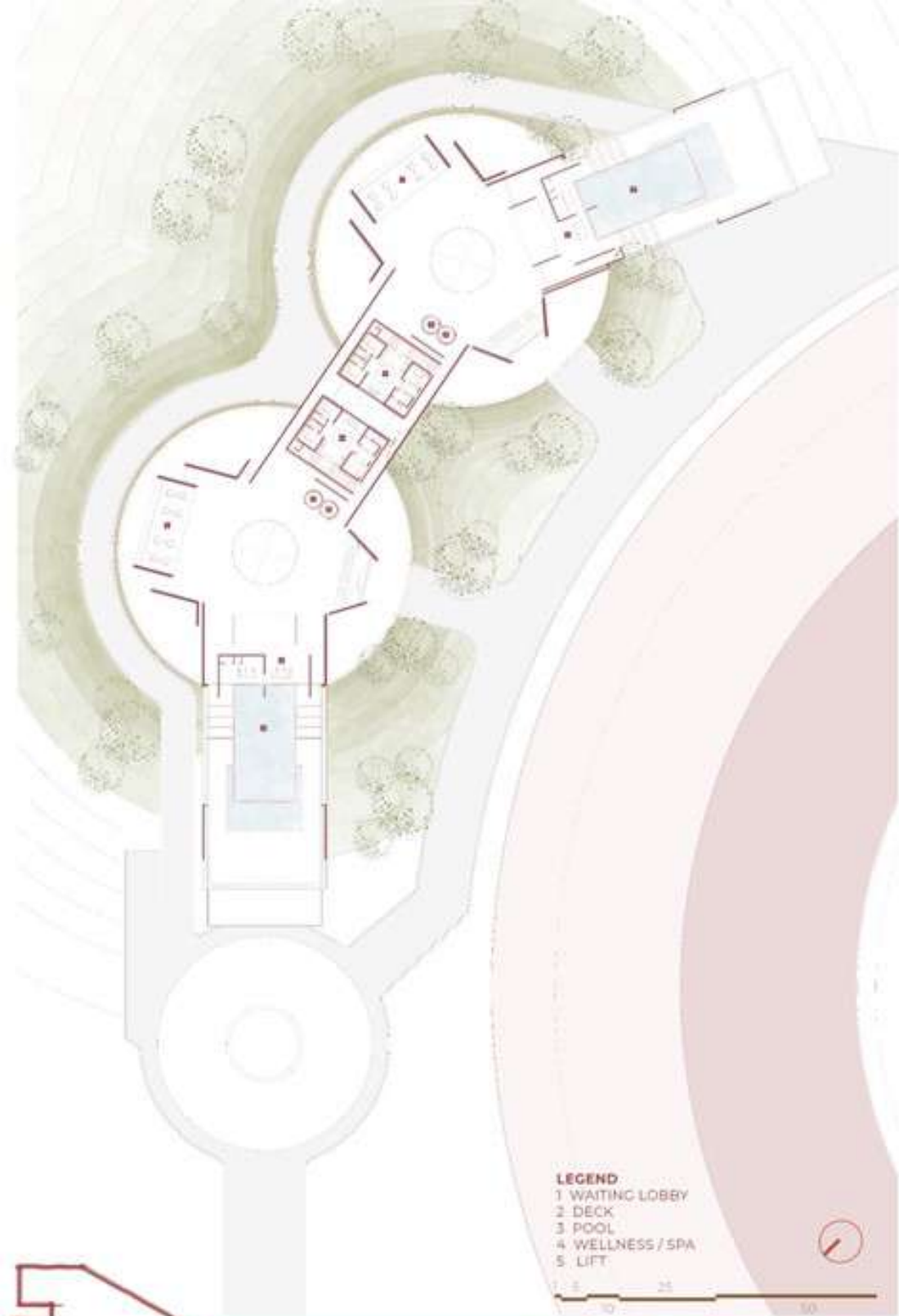


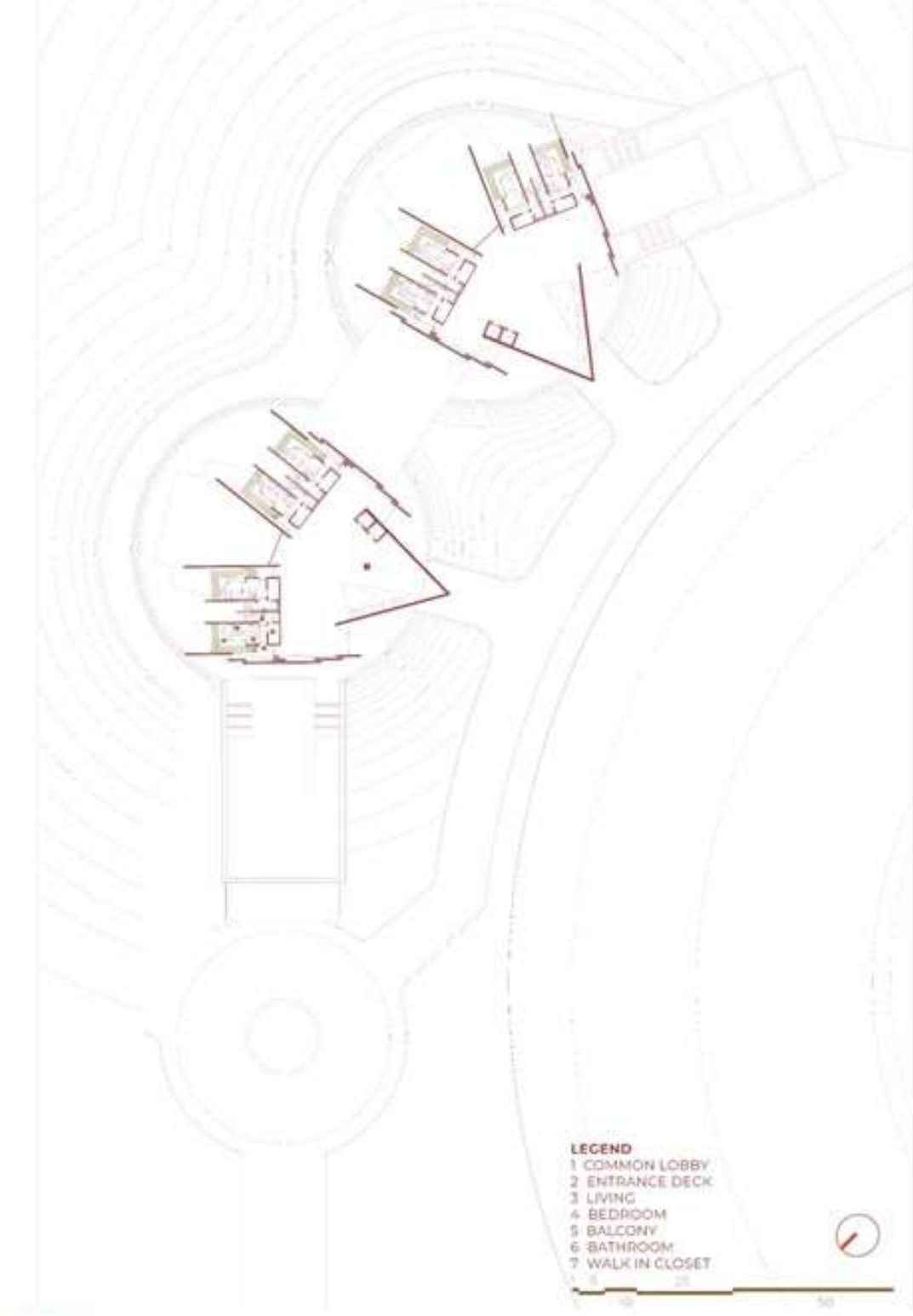
LEGEND

- 1 RESTAURANT LOBBY
- 2 KITCHEN/SERVICE AREA
- 3 RESTAURANT - MEZZANINE SEATING
- 4 DISCUSSION / BRIEFING ROOM
- 5 VANTAGE POINT

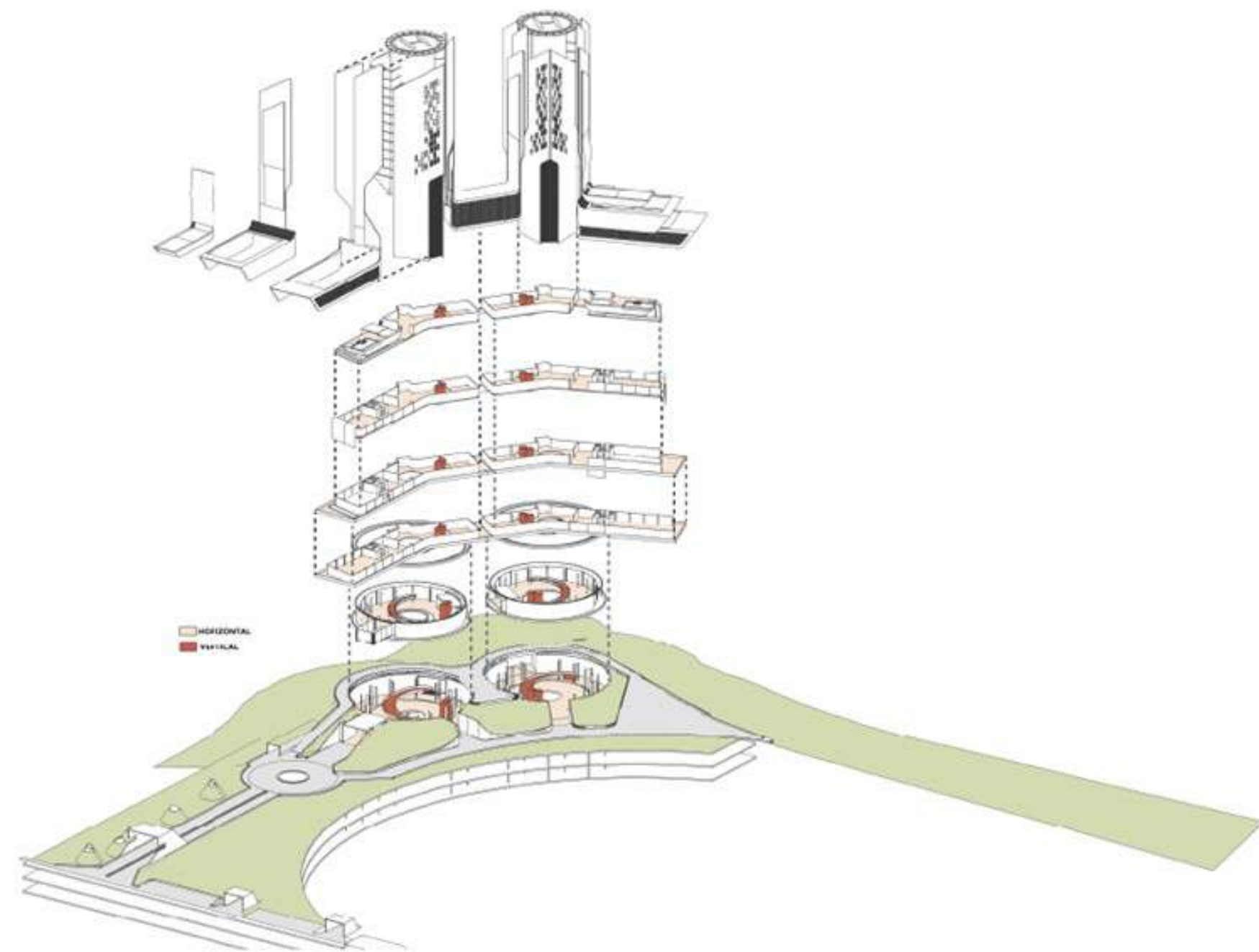


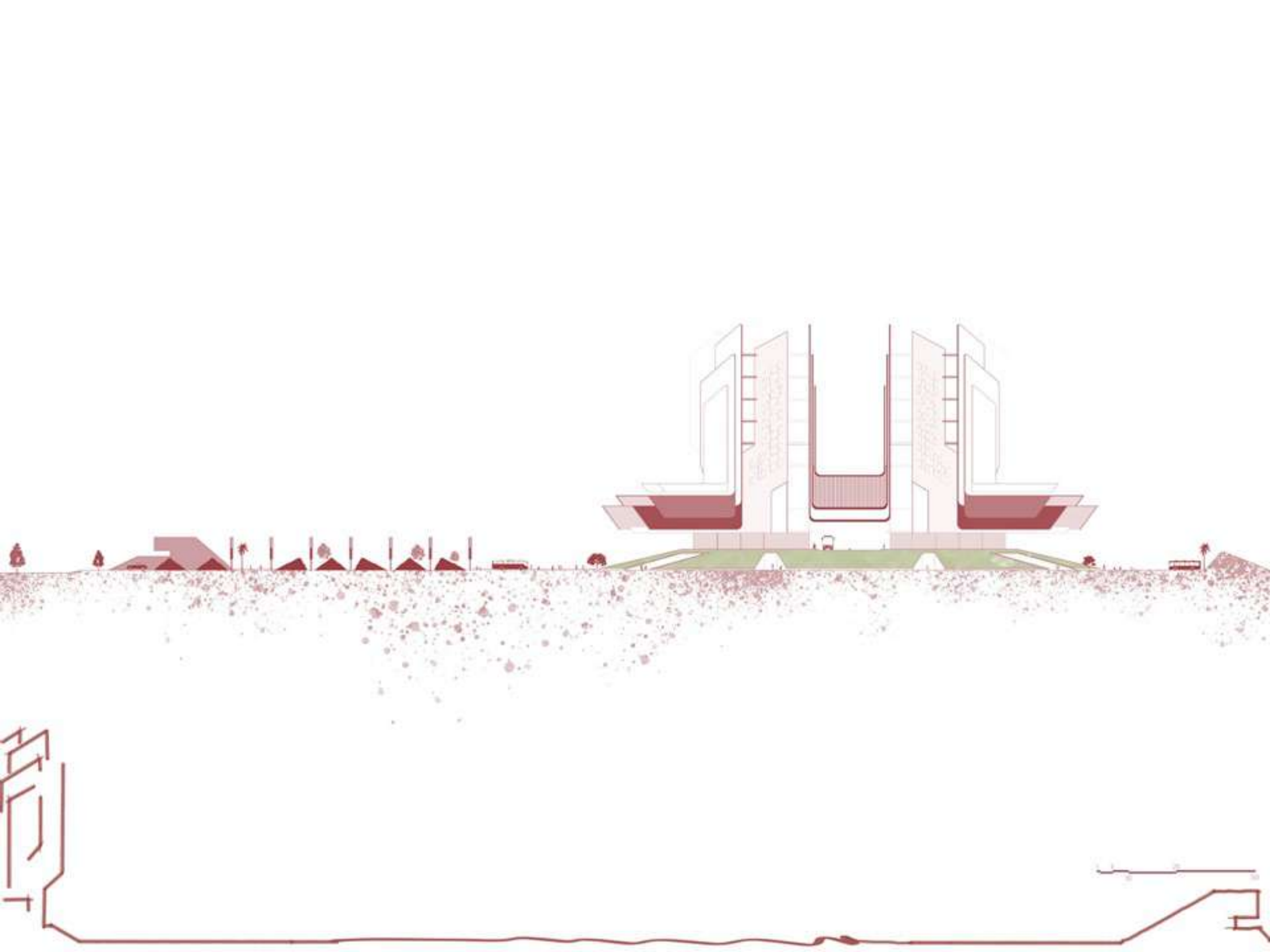


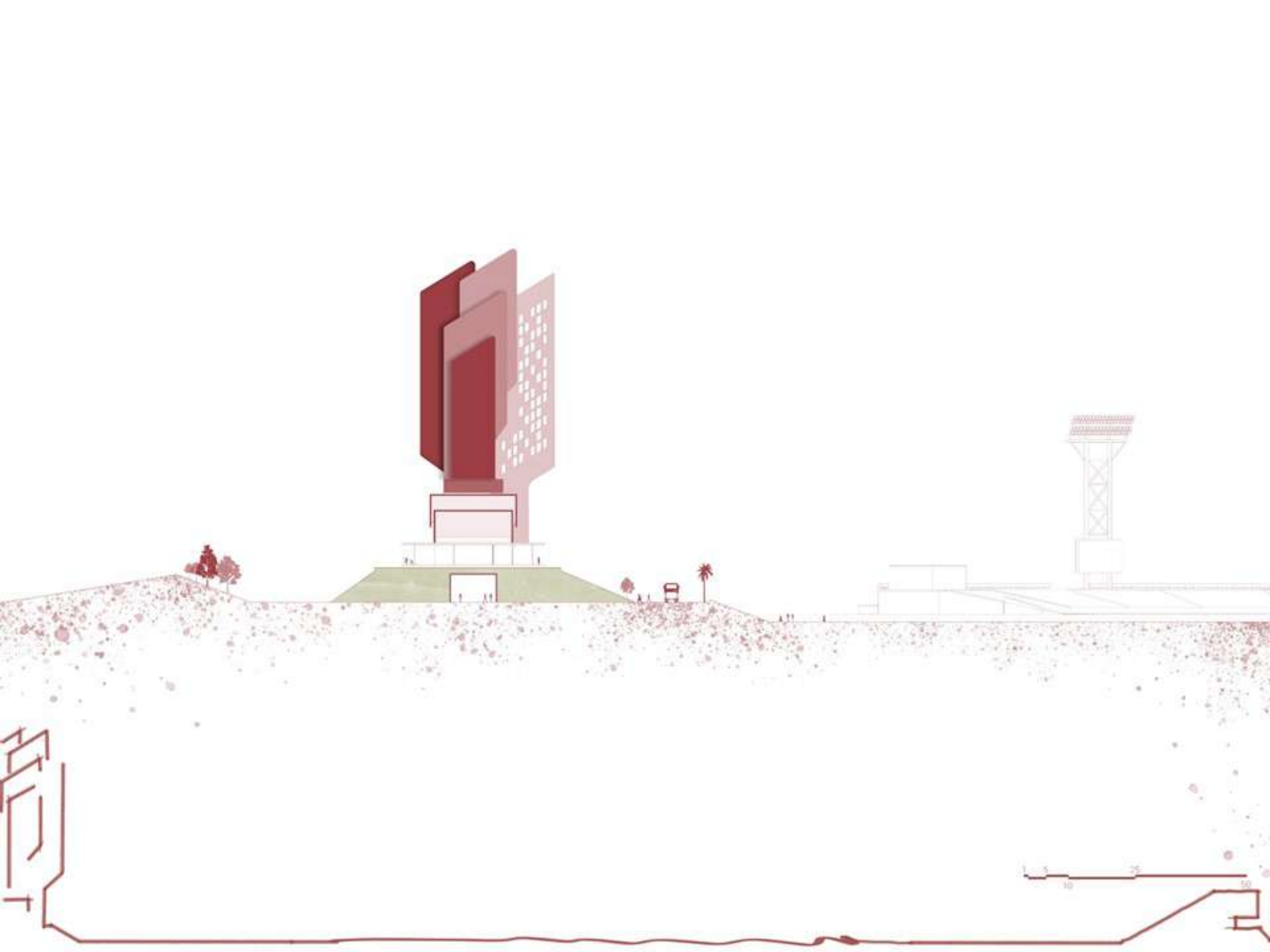


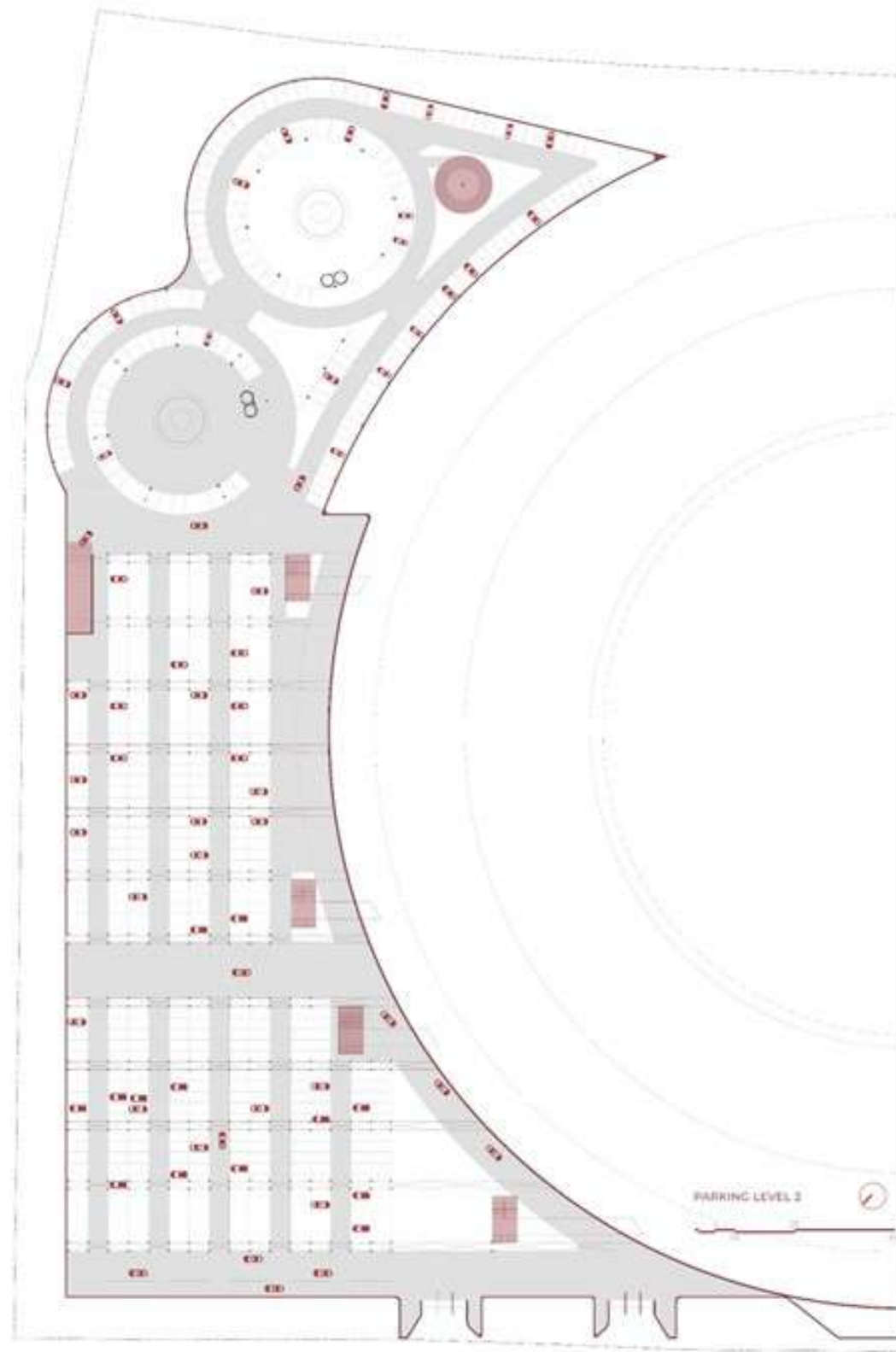
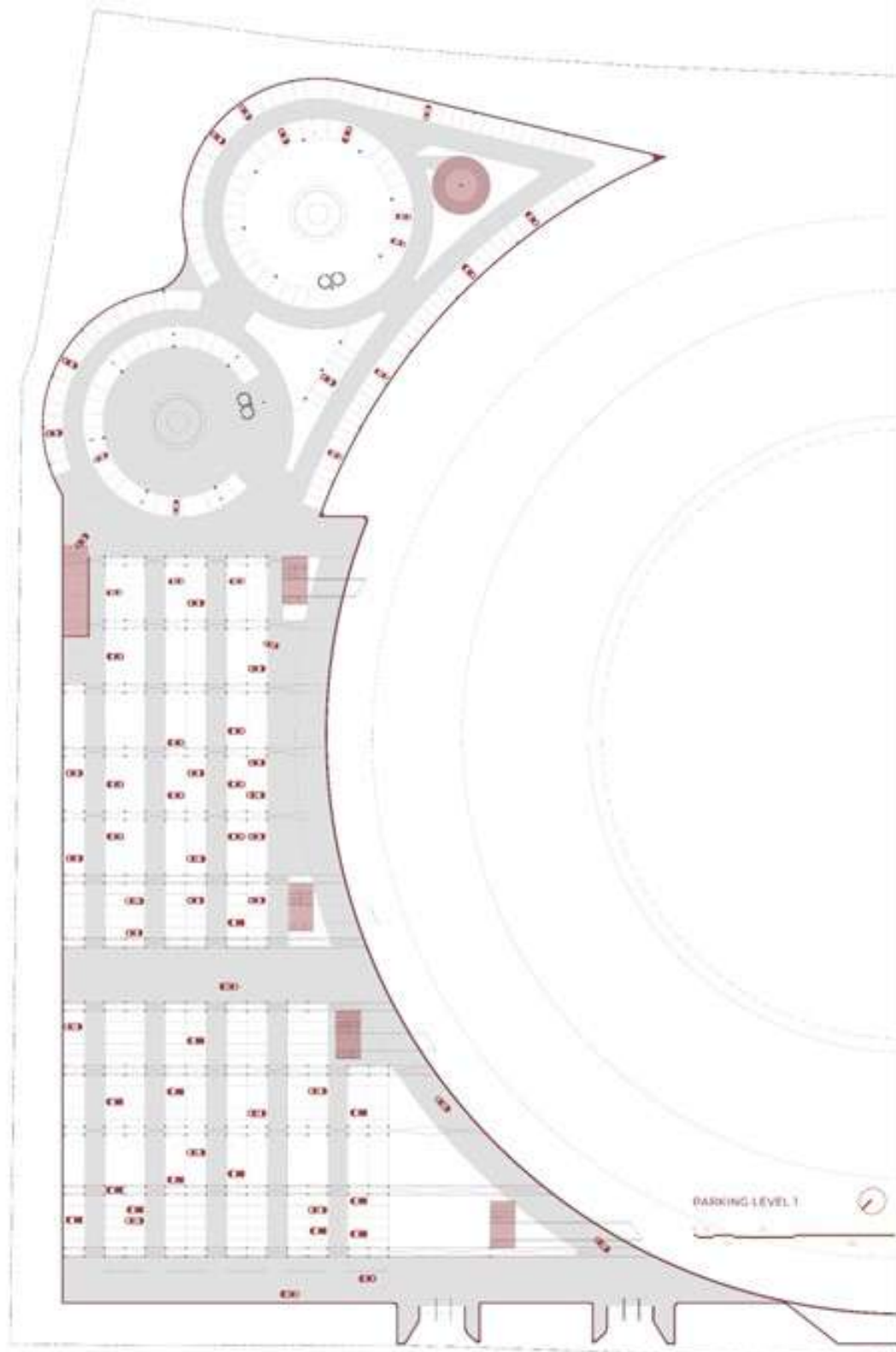


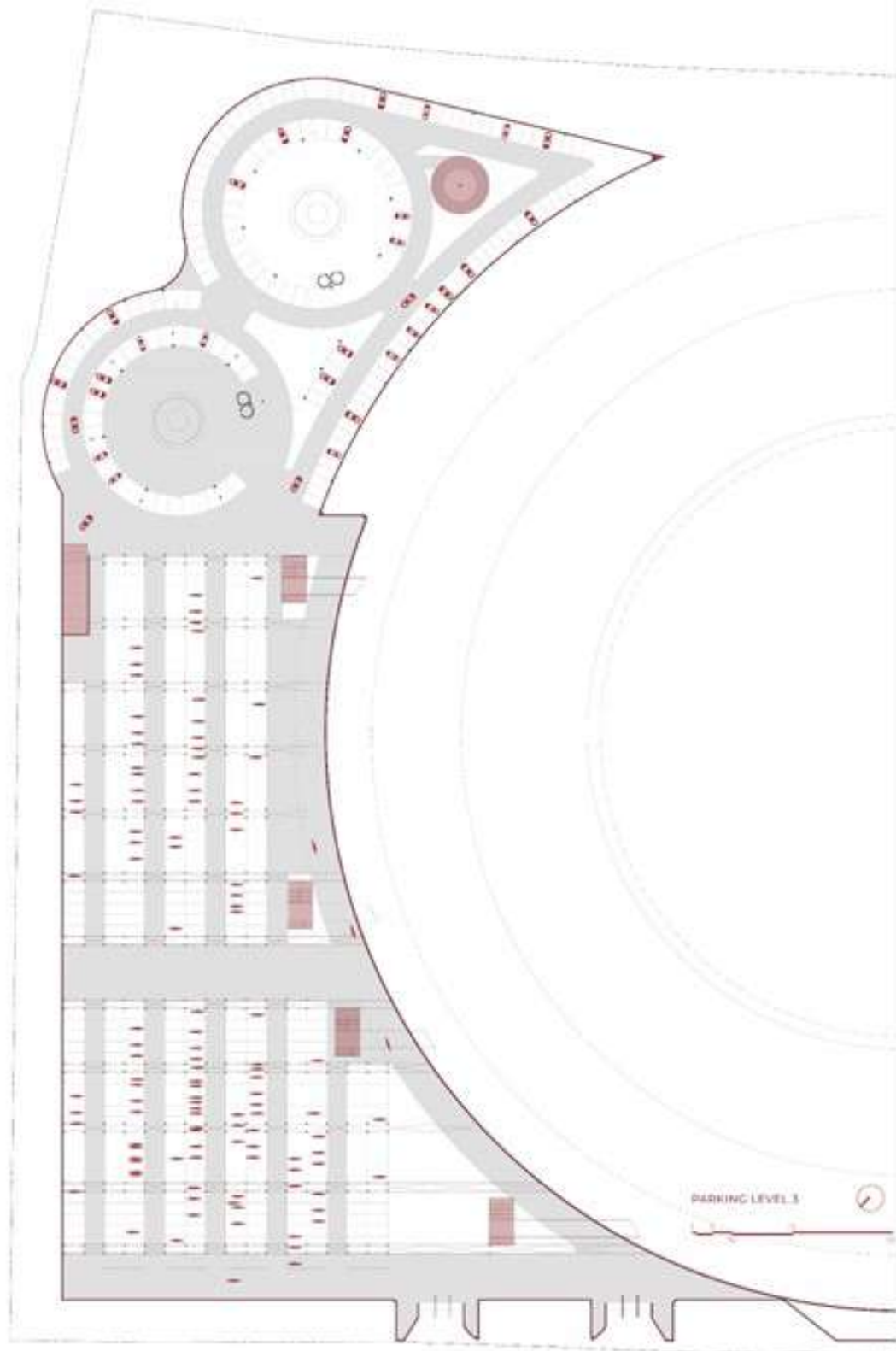
4/11/14

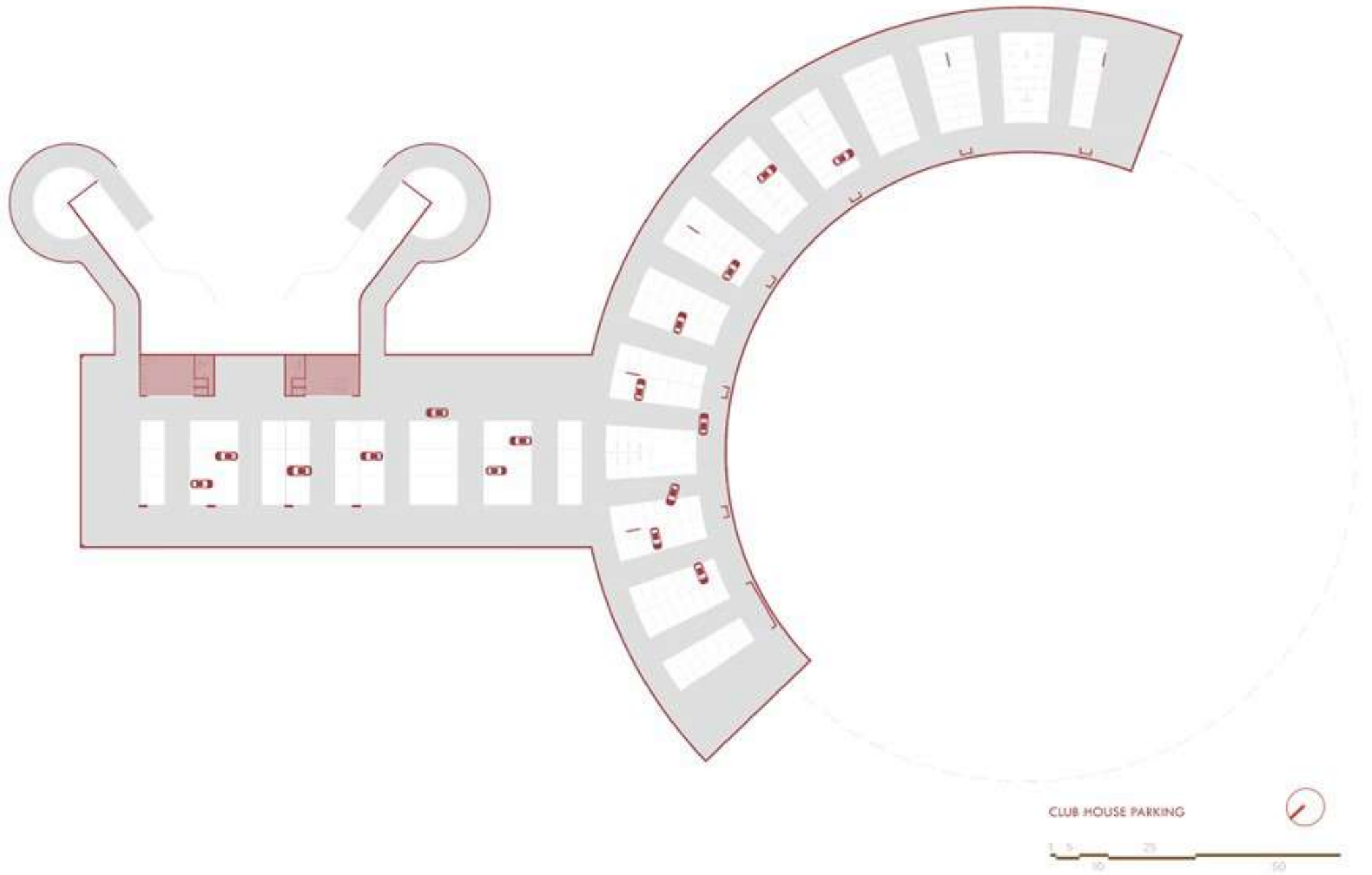














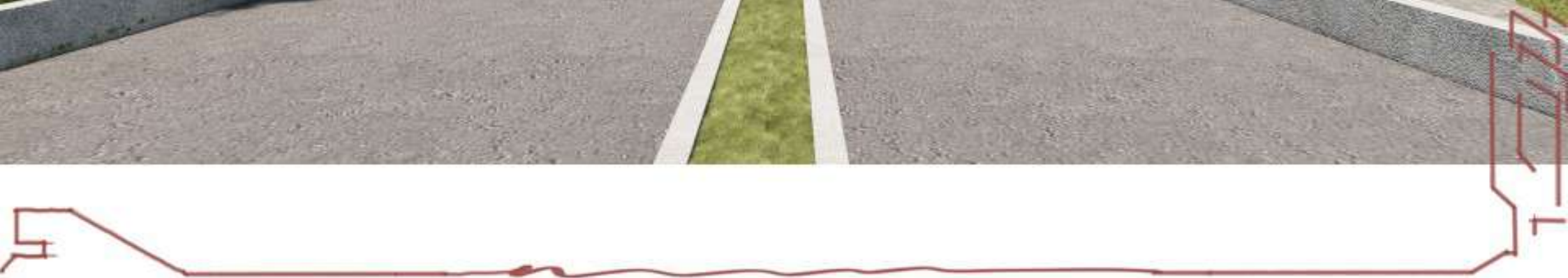












ACCOMMODATION

































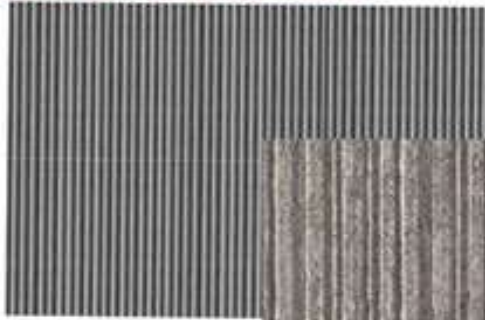








GREY GROOVED CONCRETE



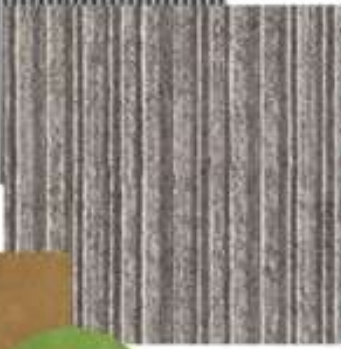
PVC TIMBER PANELS



GROUND COVER LAWNS



BEIGE FINISH CONCRETE



LOCAL STONE CLADDING



MARBLE STONE



COLOURED CONCRETE FINISH



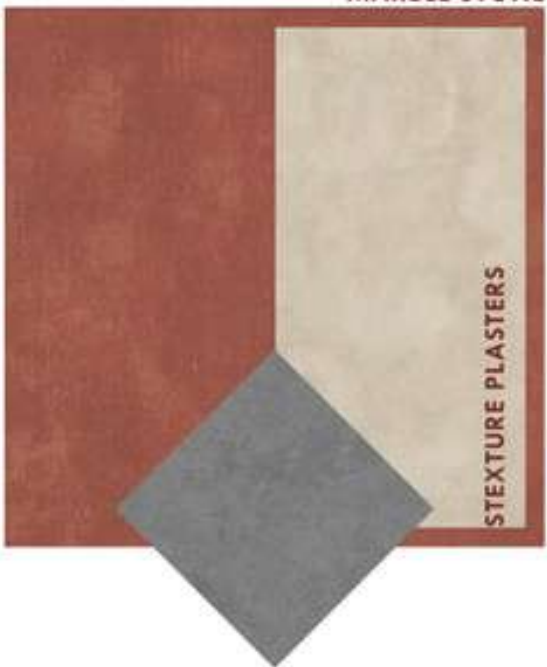
GREY CONCRETE FINISH



RUSTIC RED COLOURED CONCRETE FINISH



STEXTURE PLASTERS



PERMEABLE STONE PAVERS



KINETIC PAVEMENT TILES



OLIVE TREES



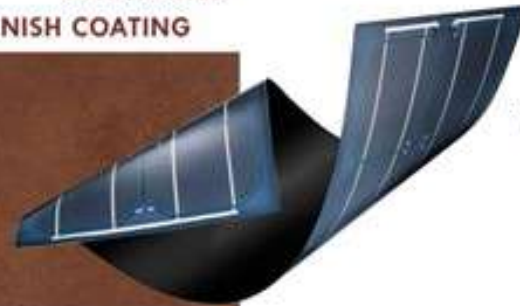
SOFTSCAPE

KOTA STONE

COPPER FINISH COATING



PHOTO VOLTAIC FILMS



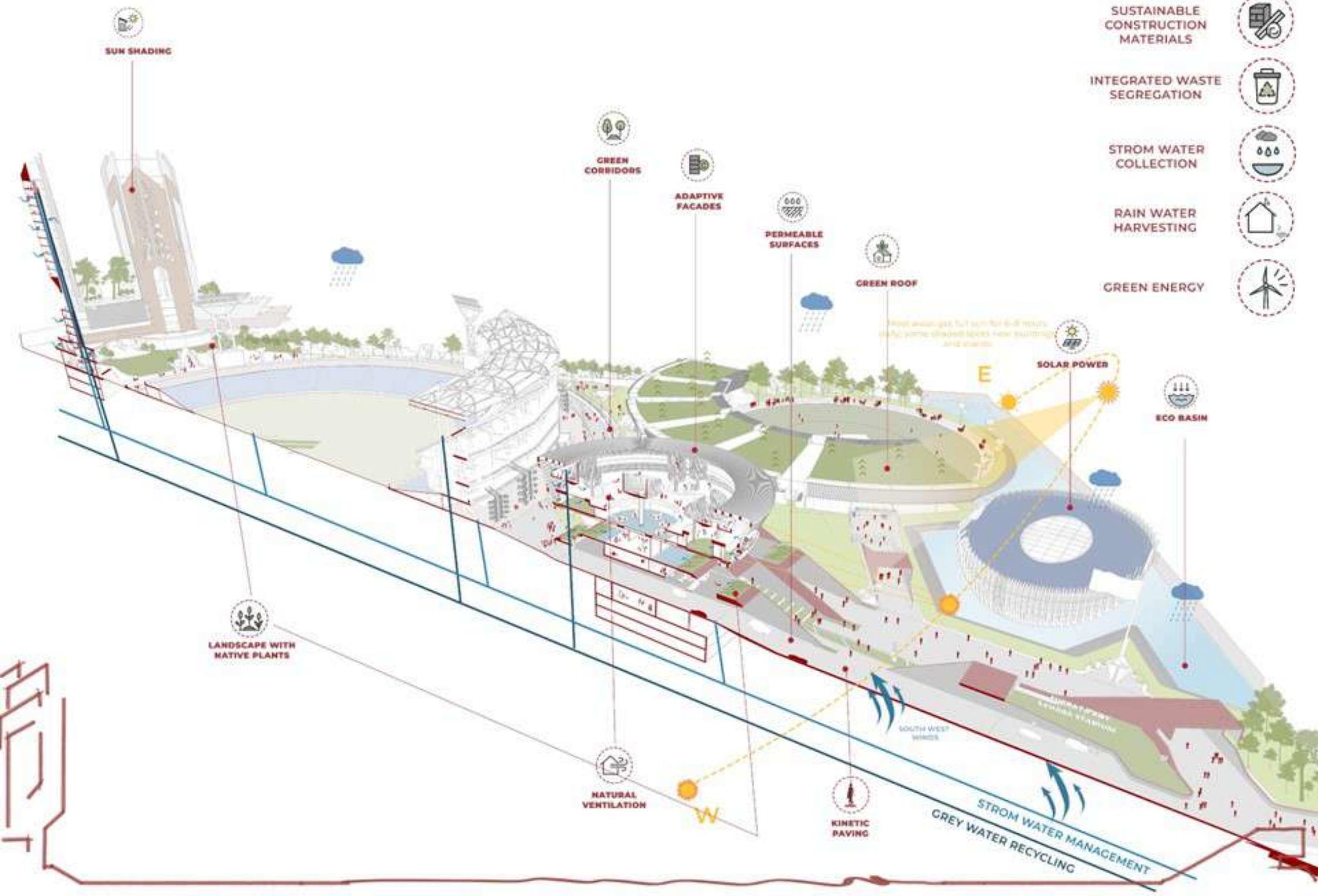
HARDSCAPE



NATURAL STONE CLADDING



SUSTAINABLE AND GREEN INITIATIVES



SOLAR SKIN - ADAPATIVE KINECTIC FACADE

Energy-efficient, expressive, and environmentally intelligent
Improves user comfort, reduces HVAC & lighting demand
Acts as a visual landmark and statement of sustainable design
Adds branding and storytelling potential to the architectural form
Thermal Comfort & Passive Cooling

Wind Sensors + Real-Time Monitoring



Interactive LED Lighting System

Kinetic Art Integration



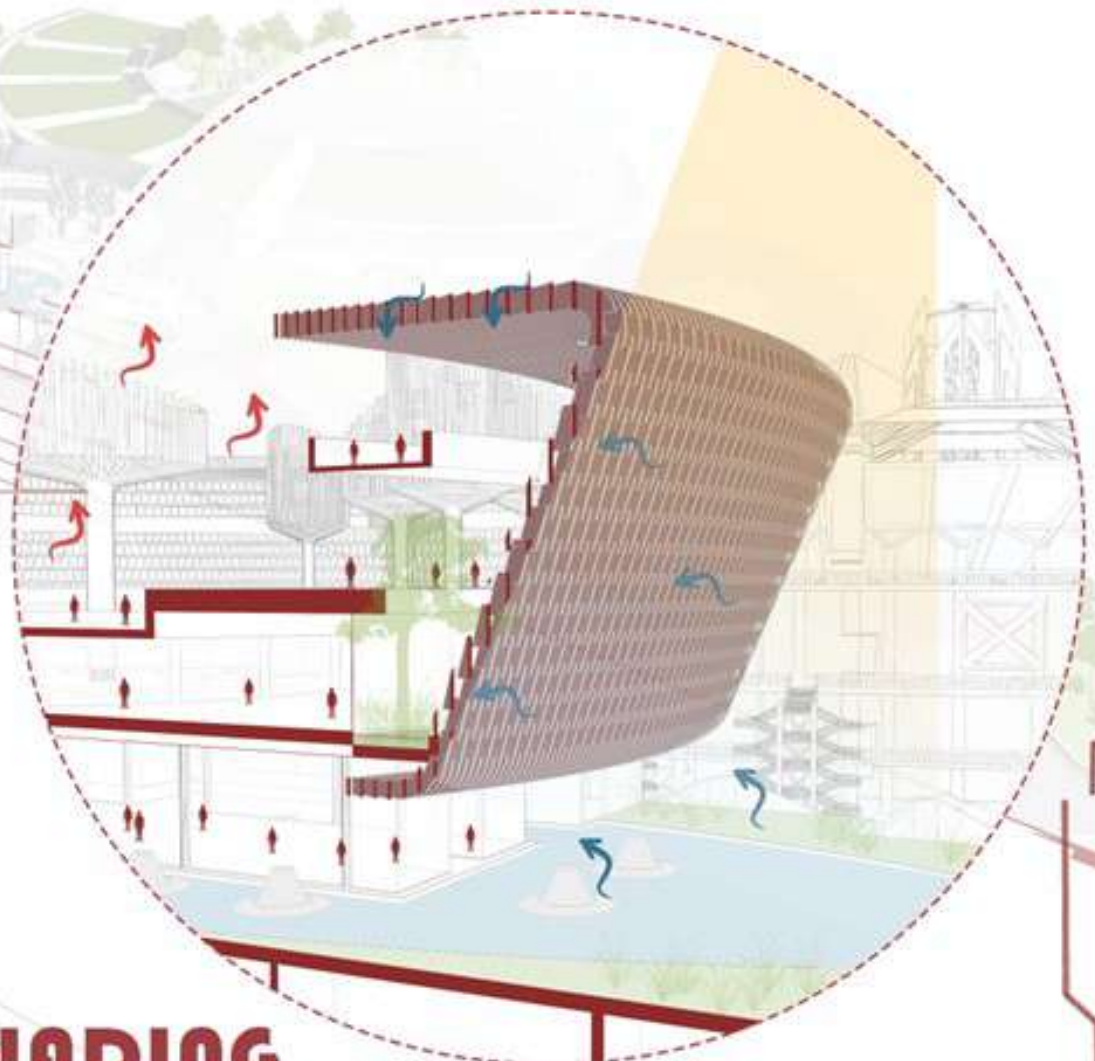
solar skin with light weight aluminium integrated photovoltaic PV fins

restaurant seating

reception lounge
business center
water body and lawn space

SOUTH WEST FACING

SOLAR SKIN ON CLUBHOUSE FACADE



CLIMATE RESPONSIVE

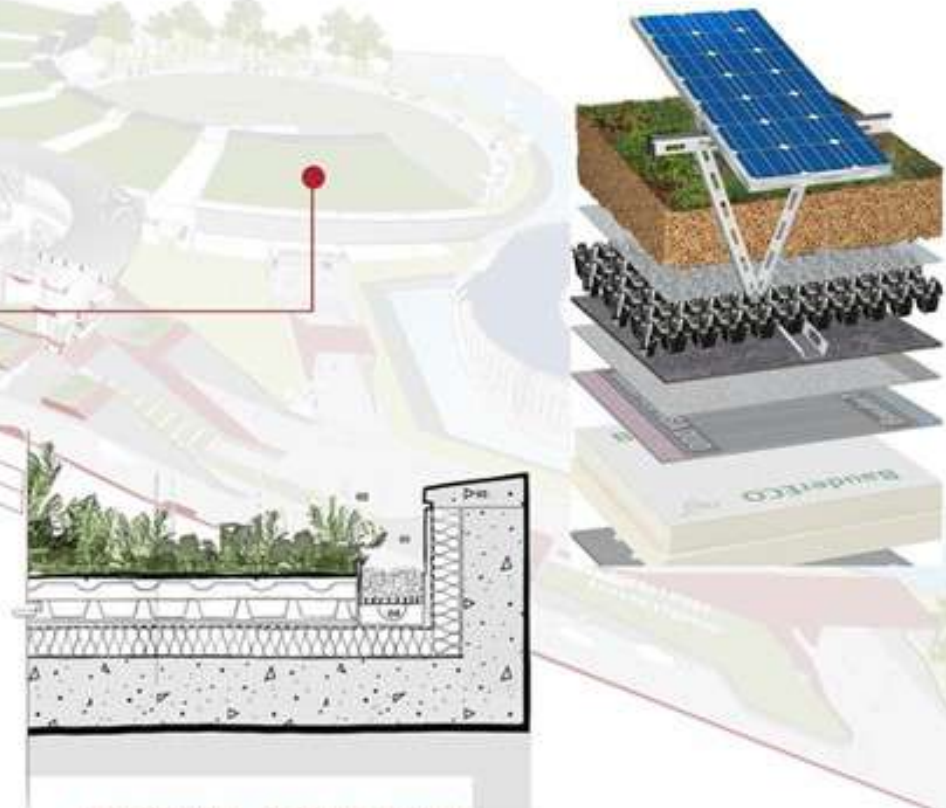
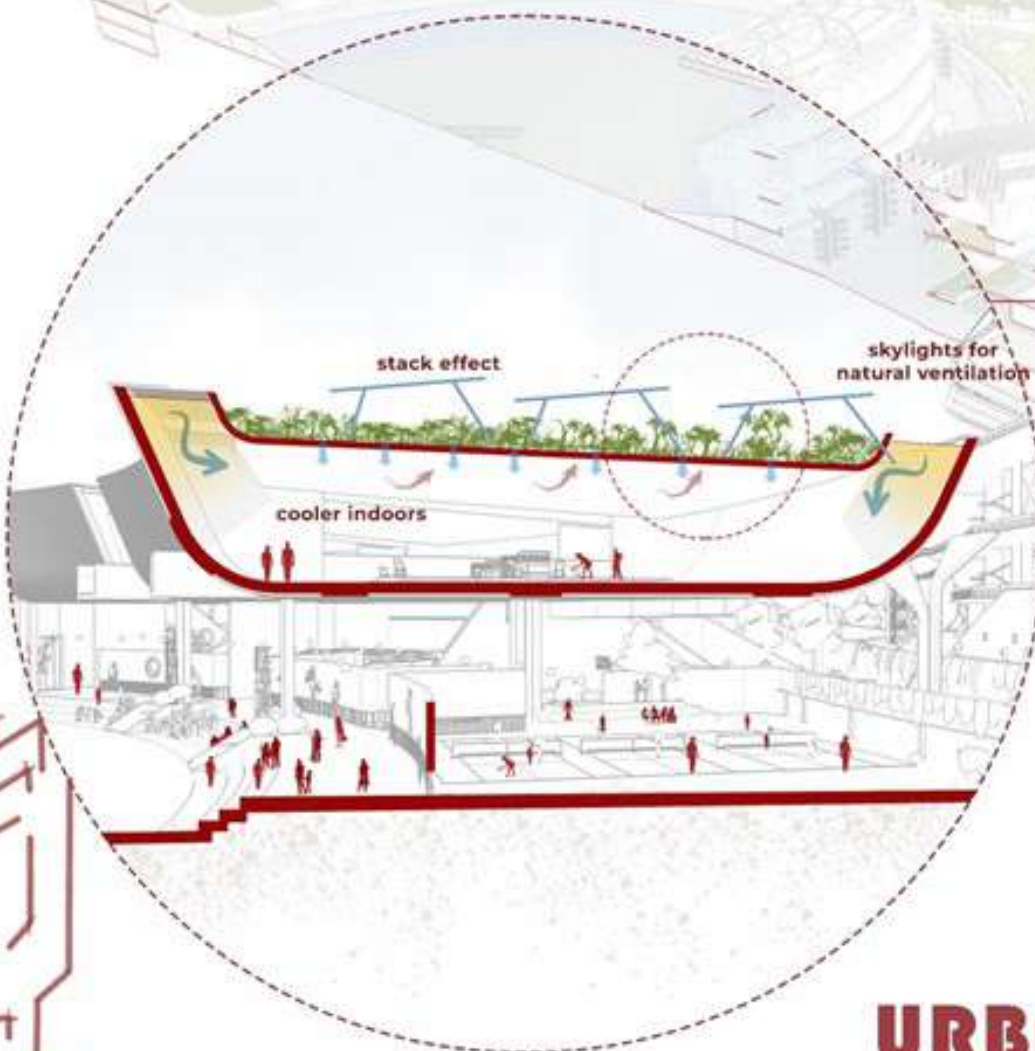
DYNAMIC SOLAR SHADING

SMART ENVELOPE SYSTEM

ECO TOP - GREEN ROOFS WITH SOLAR POWER

- Improves Air Quality
- Reduces Urban Heat Island Effect
- Enhances Biodiversity
- Stormwater Absorption
- Improves Water Quality
- Thermal Insulation
- Extends Roof Lifespan
- Aesthetic & Recreational Value
- Reduces HVAC Loads

INTEGRATION OF GREEN ROOFS WITH SOLAR POWERING ON THE ROOFS OF BLOCKS



1. GREEN ROOF PERIMETER GRAVEL EDGE
2. METAL CURB
3. CONCRETE PARAPET CAP
4. GUTTER

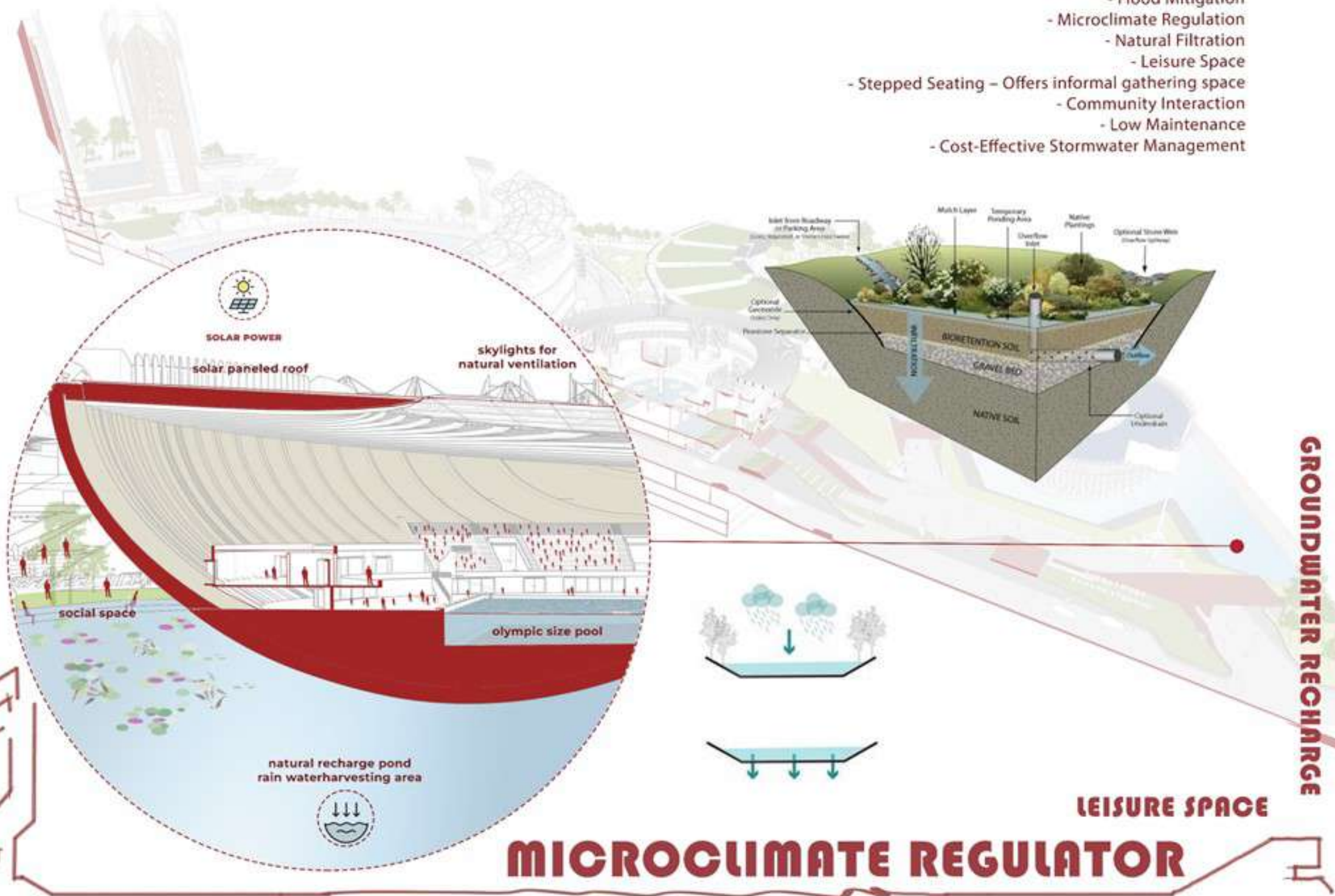
STORMWATER MANAGEMENT

ENERGY EFFICIENT

URBAN HEAT ISLAND EFFECT

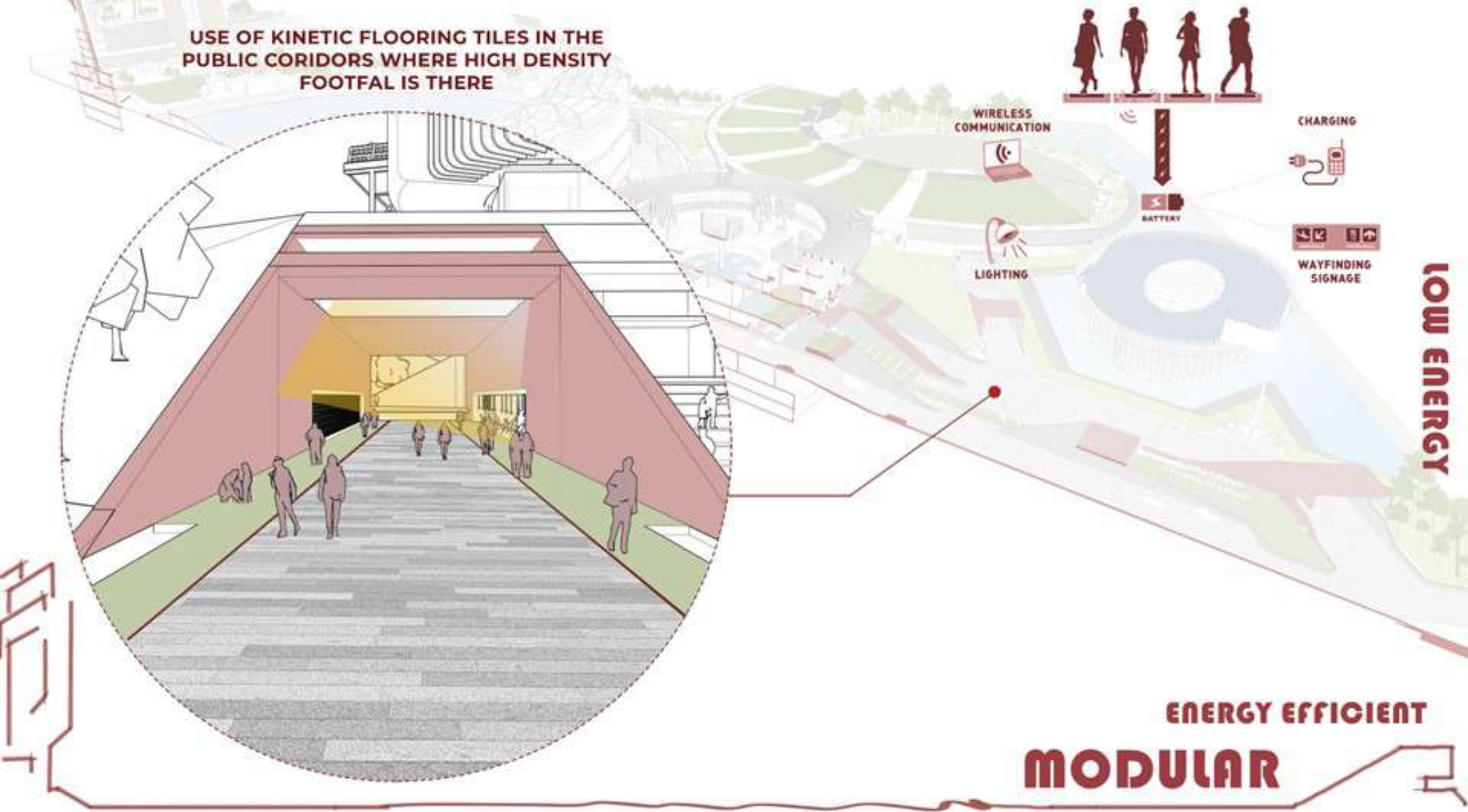
ECO BASIN - RAIN WATER HARVESTING

- Rainwater Harvesting
- Groundwater Recharge
- Flood Mitigation
- Microclimate Regulation
- Natural Filtration
- Leisure Space
- Stepped Seating – Offers informal gathering space
- Community Interaction
- Low Maintenance
- Cost-Effective Stormwater Management



- Micro-Grid Integration & Battery Storage
- Real-Time Energy Dashboards (Educational + Interactive)
- Powering Low-Energy Applications Onsite
- Store energy in batteries for off-peak or emergency use.
- Sustainable Branding Opportunity
- Modular Installation in High-Footfall Zones

USE OF KINETIC FLOORING TILES IN THE PUBLIC CORIDORS WHERE HIGH DENSITY FOOTFAL IS THERE

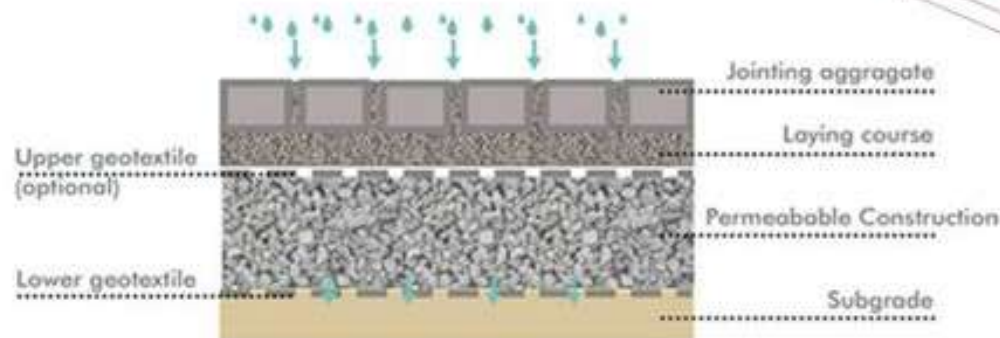
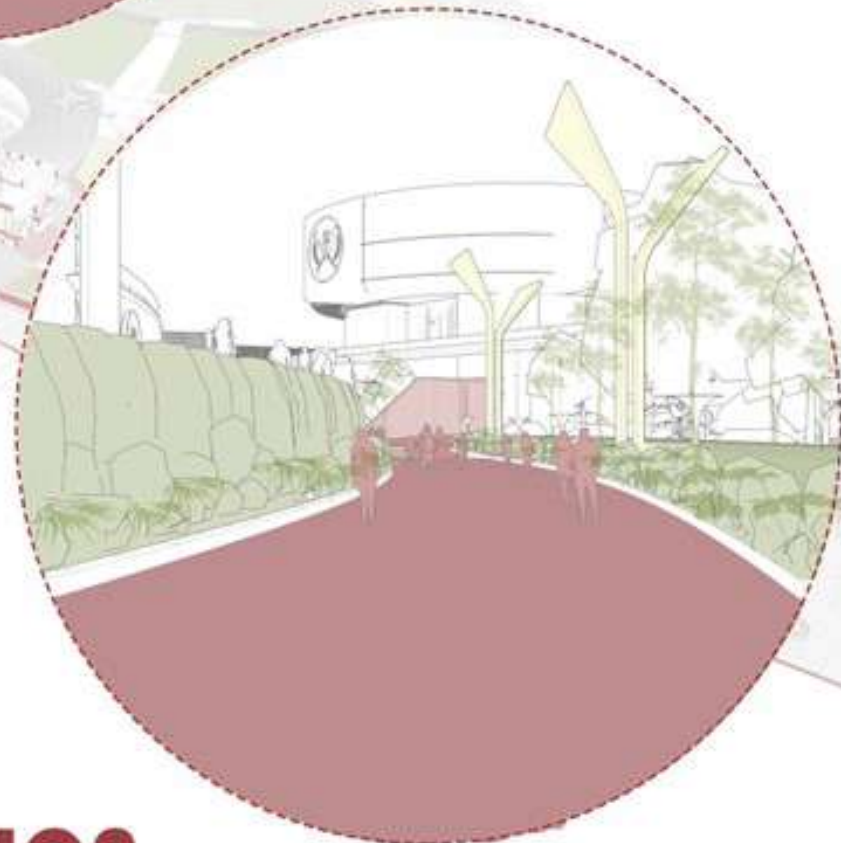
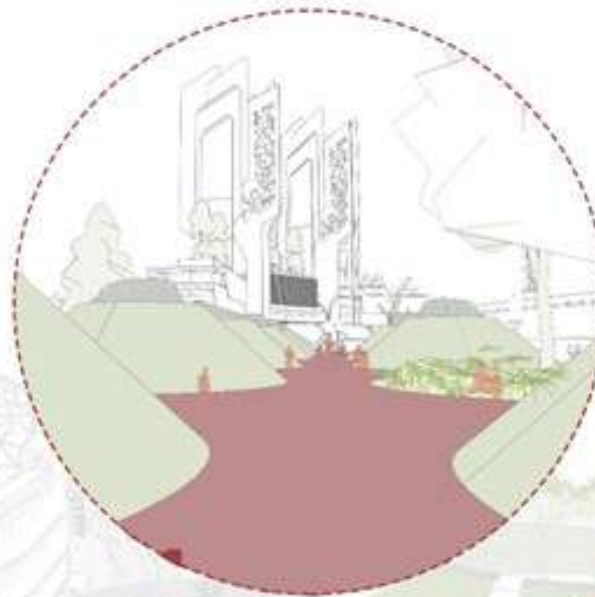
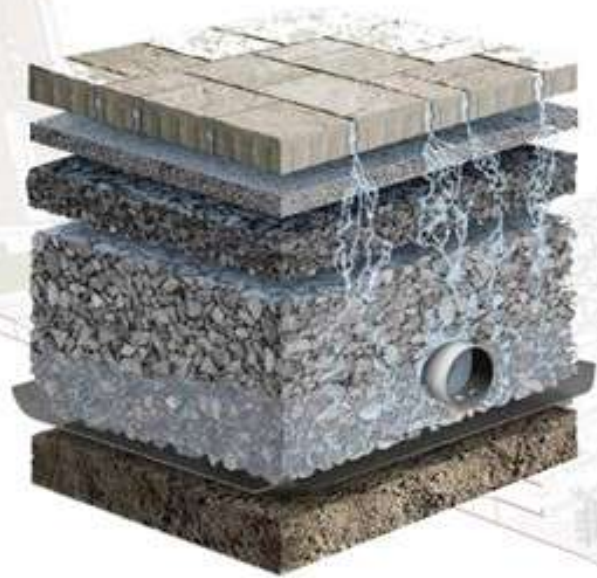


ECO PAVE - PERMEABLE PAVEMENTS

Permeable pavements are porous surface systems designed to allow water to percolate through the surface into a subsurface layer, recharging groundwater and reducing runoff.

- Stormwater Management
- Groundwater Recharge
- Water Quality Improvement
- Urban Heat Island Reduction

USE OF PERMEABLE PAVEMENTS IN
PARKING AREAS, TREE LINED WALKWAYS,
OPEN CORRIDORS



WATER RETENTION

RAINWATER INFILTRATION

GROUND WATER RECHARGE

LUMEN WELLS - LIGHT WELLS WITH LANDSCAPED BUNDS

- Natural Daylighting in Dark Zones
- Brings Daylight to Basements
- Improves Visibility & Safety
- Passive Design Strategy
- Cuts Lighting Loads
- Landscaped Bunds Add Green Cover
- Improves User Comfort
- Can Double as Ventilation Shafts
- Reduces Heat Island Effect
- Improves Microclimate

LUMEN WELLS LIGHTING UP THE BASEMENT FLOOR

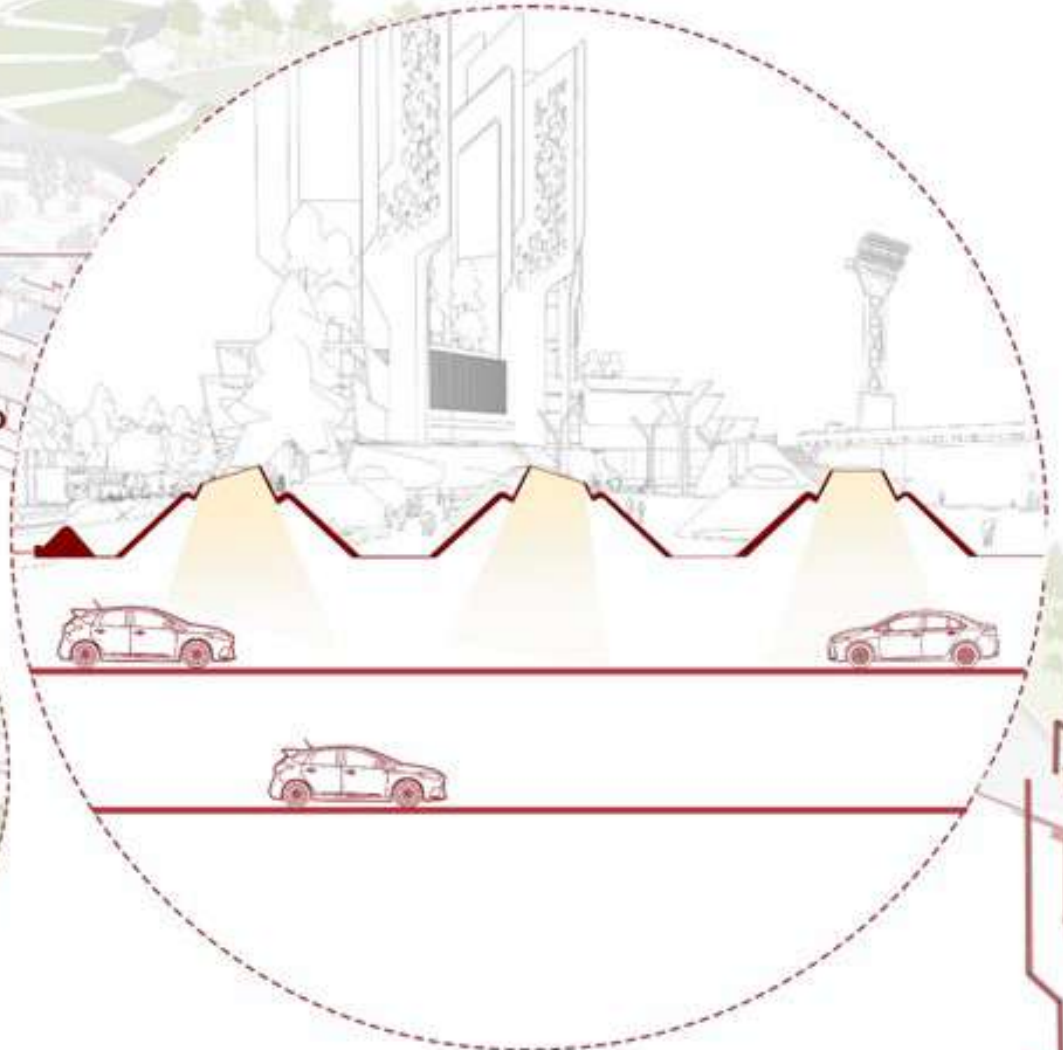
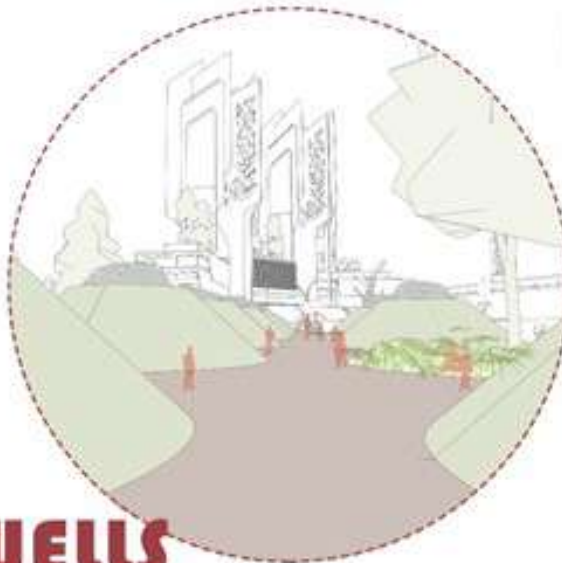
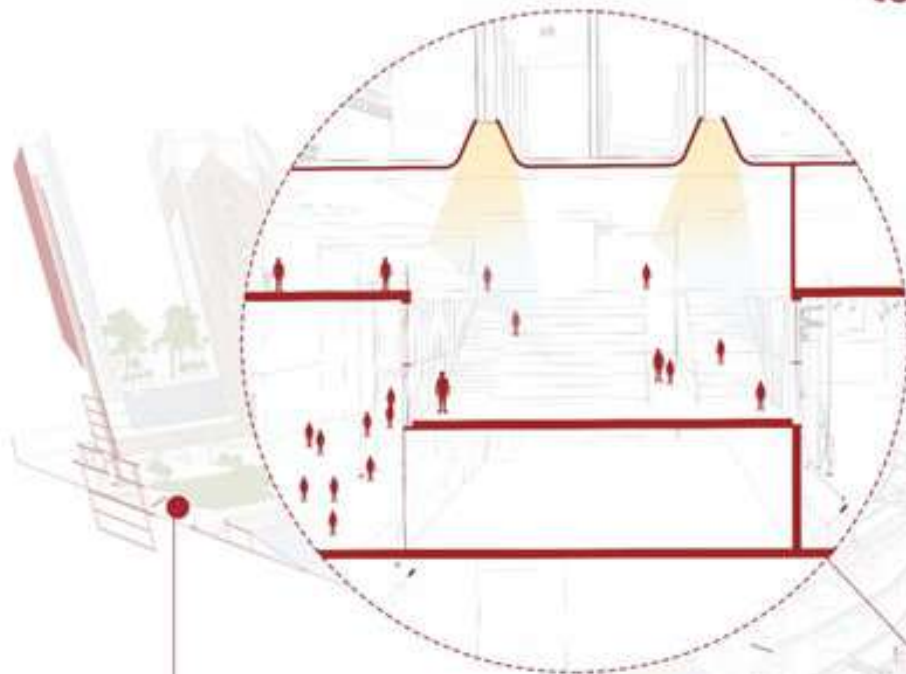
LUMEN WELLS ILLUMINATING THE SPORTS MUSEUM INTERIORS

LUMEN WELLS WITH LANDSCAPED BUNDS

VENTILATION SHAFTS

PASSIVE DESIGN

LIGHT WELLS



SOLAR LEAVES

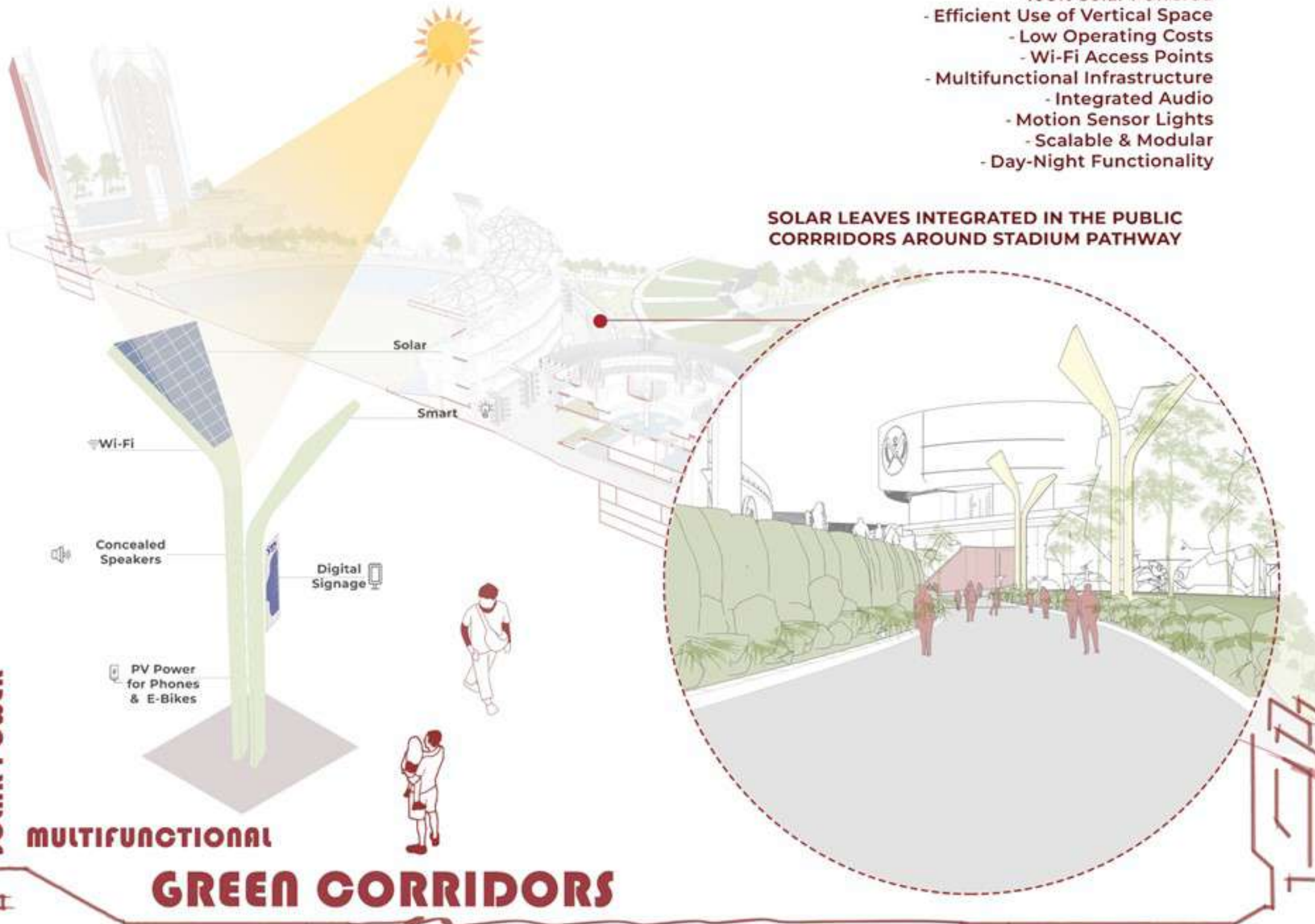
- 100% Solar Powered
- Efficient Use of Vertical Space
- Low Operating Costs
- Wi-Fi Access Points
- Multifunctional Infrastructure
 - Integrated Audio
- Motion Sensor Lights
- Scalable & Modular
- Day-Night Functionality

SOLAR LEAVES INTEGRATED IN THE PUBLIC CORRIDORS AROUND STADIUM PATHWAY

SOLAR POWER

MULTIFUNCTIONAL

GREEN CORRIDORS



OASIS PODS - PAUSE STATION

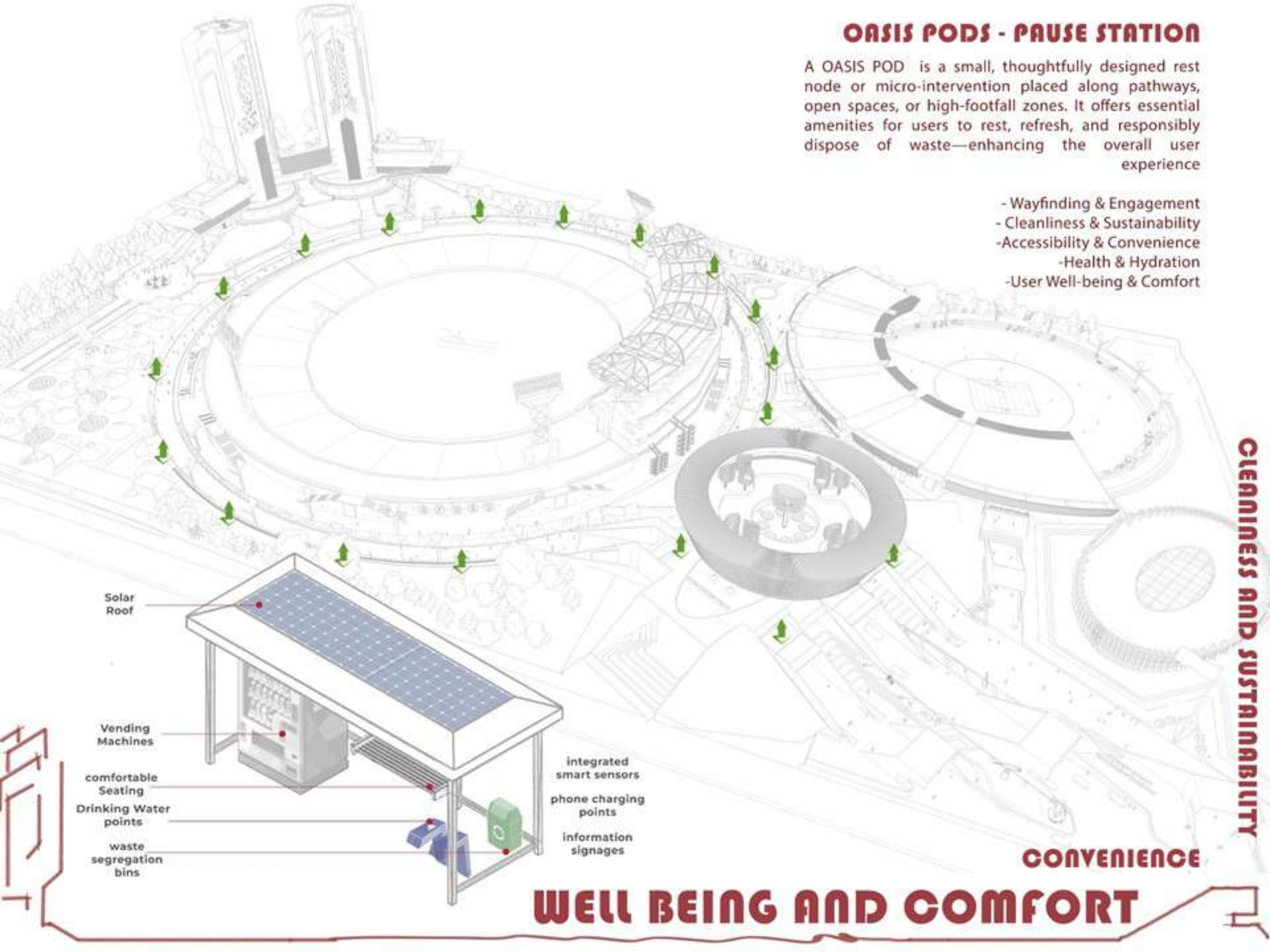
A OASIS POD is a small, thoughtfully designed rest node or micro-intervention placed along pathways, open spaces, or high-footfall zones. It offers essential amenities for users to rest, refresh, and responsibly dispose of waste—enhancing the overall user experience

- Wayfinding & Engagement
- Cleanliness & Sustainability
- Accessibility & Convenience
 - Health & Hydration
- User Well-being & Comfort

CLEANLINESS AND SUSTAINABILITY

CONVENIENCE

WELL BEING AND COMFORT



Solar
Roof

Vending
Machines

comfortable
Seating

Drinking Water
points

waste
segregation
bins

integrated
smart sensors

phone charging
points

information
signages

BIODIVERSITY AND LANDSCAPE INTEGRATION

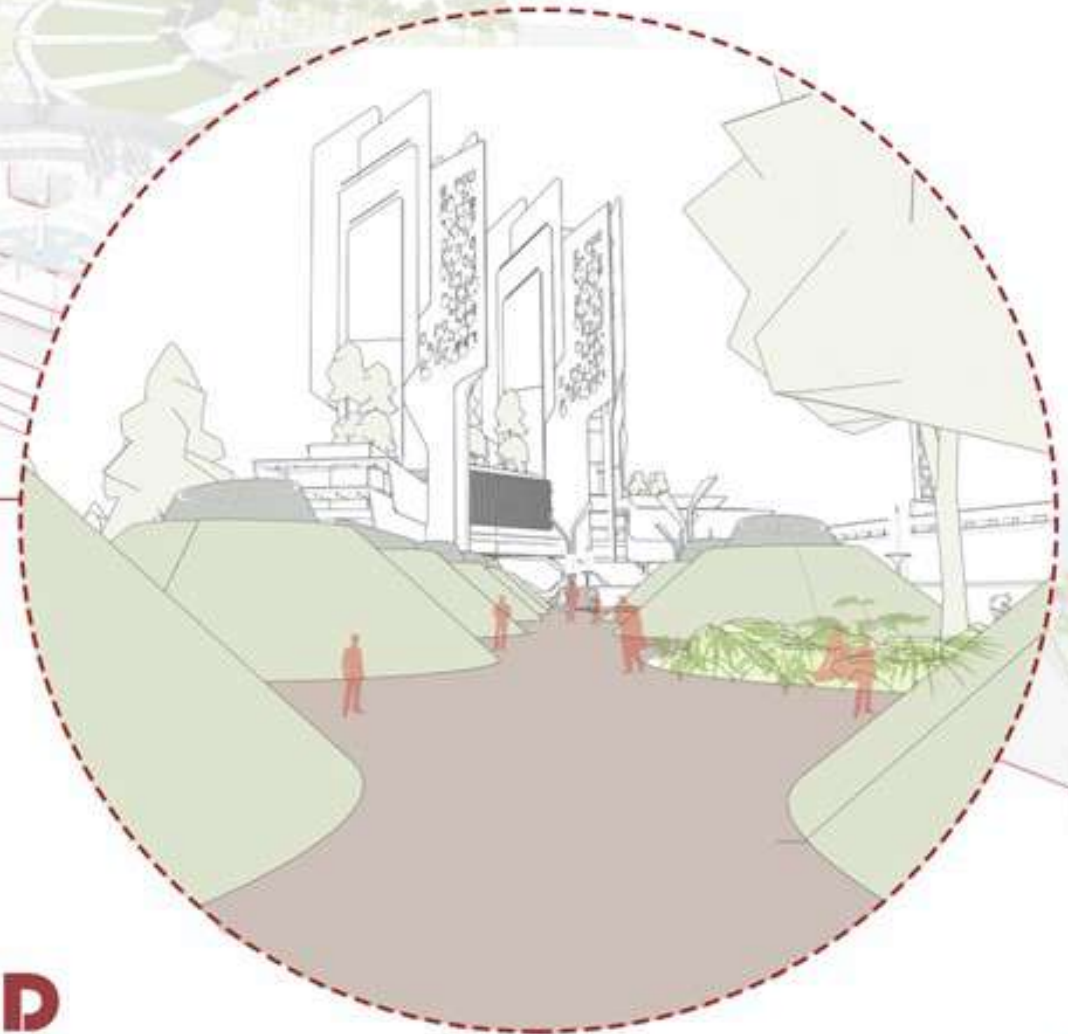
- Ecological balance and sustainable urban development
- minimal water and maintenance
- vital ecosystem
- carbon sequestration
- soil stabilization
- habitat support for native fauna
- resilience against urban heat and water scarcity

Size of the land: About 1.20.000 sqft area available for landscaping

Land shape and slope: Gently sloping from north to south with about 12 meters difference in height

Soil type: Predominantly black soil.

THE THEME PARK WITH VARIOUS
DIFFERENT NATIVE PLANTS, SHRUBS AND
TREES AND INTEGRATION OF LANDSCAPED
BUNDS



SELF SUSTAINING

CULTURALLY ROOTED

ENVIRONMENTALLY RESPONSIBLE

BIODIVERSITY AND LANDSCAPE INTEGRATION

NATIVE TREES



ain tree neem tree peepal tree banyan tree beheda tree khair tree mango tree



charoli tree palash tree jamun tree shivan tree bel tree amaltas tree karanj tree

NATIVE SHRUBS, HERBS AND CLIMBERS



Ambadi Ambatwel Karvand alu / taro Alocasia Ambulaki



dhatura Nagphani Kantakari Shatavari Blue Plumbago Golden Dewdrop



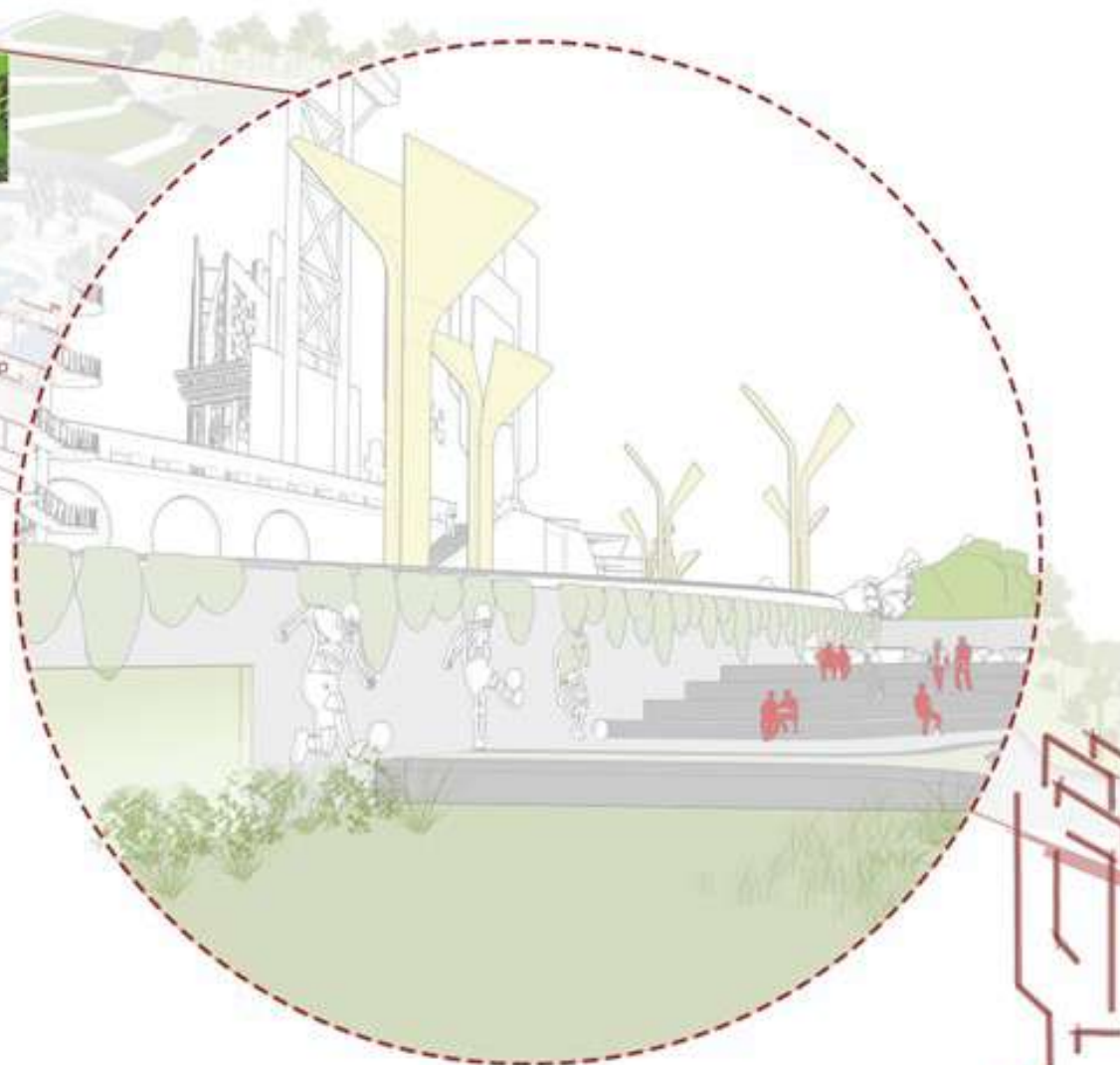
Indian Fleabane Pink morning glory chinese violet moss roses Creeping coat buttons Creeping Oxalis

NATIVE GRASSES AND GROUND COVERS



Chrysopogon fulvus Heteropogon contortus Eremopogon foveolatus Dactyloctenium species Cyperus kyllingia

LANDSCAPE BUNDS AS BUFFERS , CURTAIN CREEPERS ON WALLS AND LAWNED AREAS CREATE A OUTDOOR RECREATIONAL SPACE



LANDSCAPE BUFFERS

WATER EFFICIENT



Through integrated cultural, recreational, and commercial facilities, the design transforms the MCA stadium into a year-round urban catalyst—maximizing usage, fostering community interaction, and fulfilling a vision of inclusivity, adaptability, and experiential richness.



The ARENA



"Architecture is a dialogue between time and space."

— Jean Nouvel



THANK YOU !

