



Proposed Clubhouse At MCA

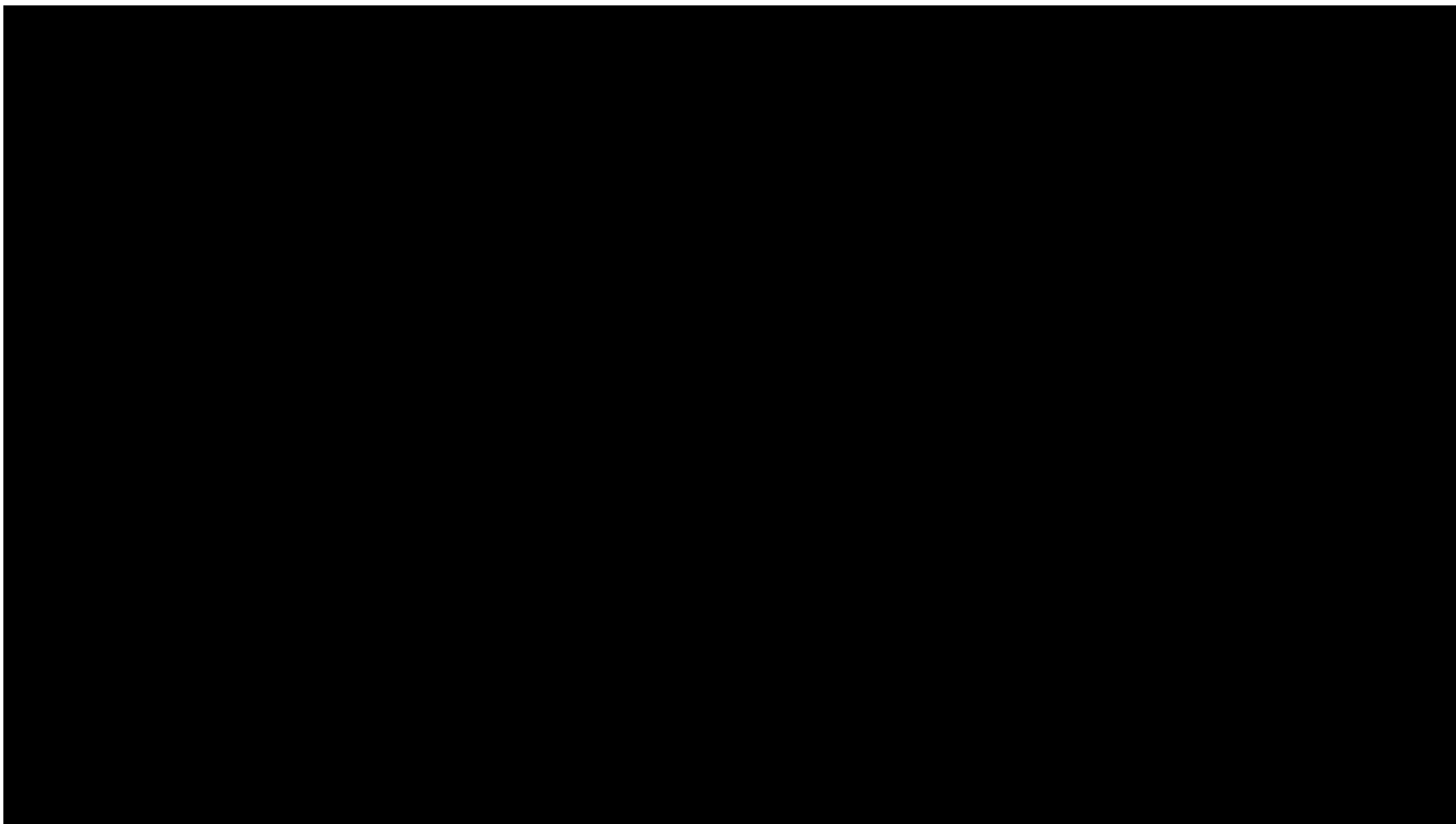
Gahunje, Pune

PR135

“Architecture often begins with **Complexity** — layers of requirements, symbolism, structure, aesthetics, and environment. The true mastery lies in resolving that complexity into simple, meaningful forms.

Simplicity, in this sense, is not the absence of richness, but its refinement.”

César Pelli, the renowned Argentine-American architect



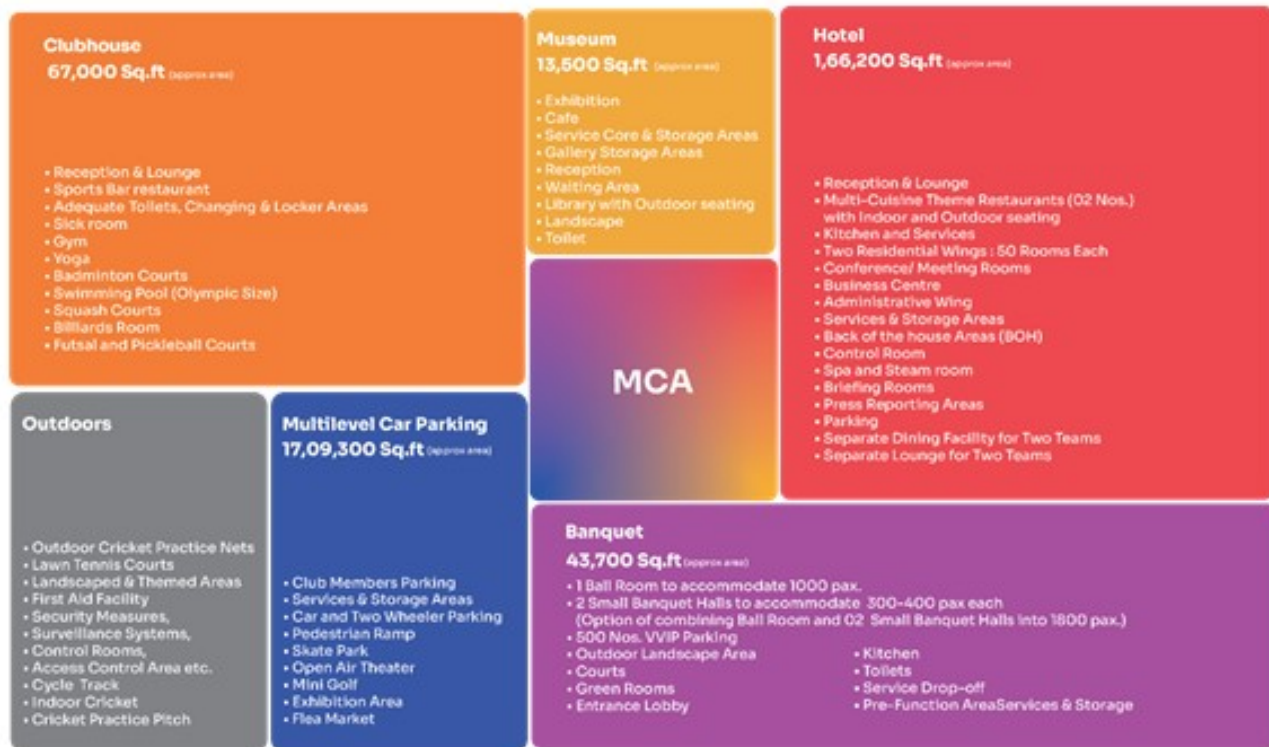
Program Analysis

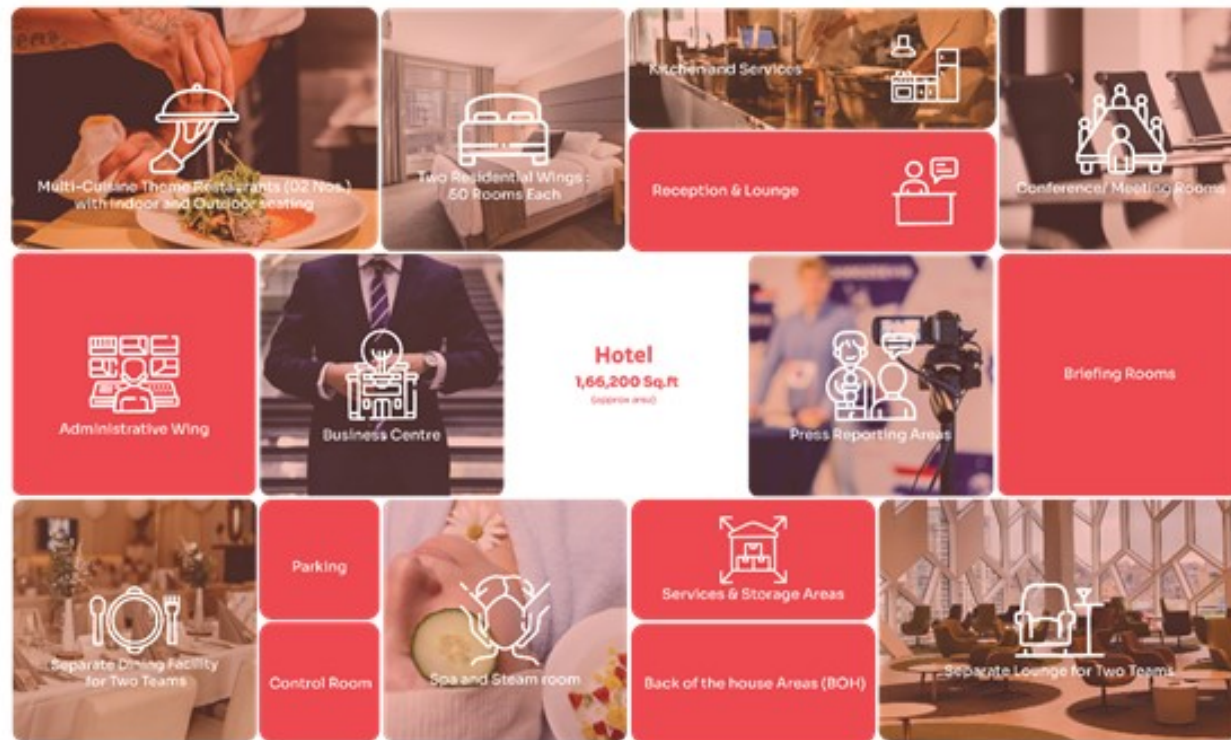
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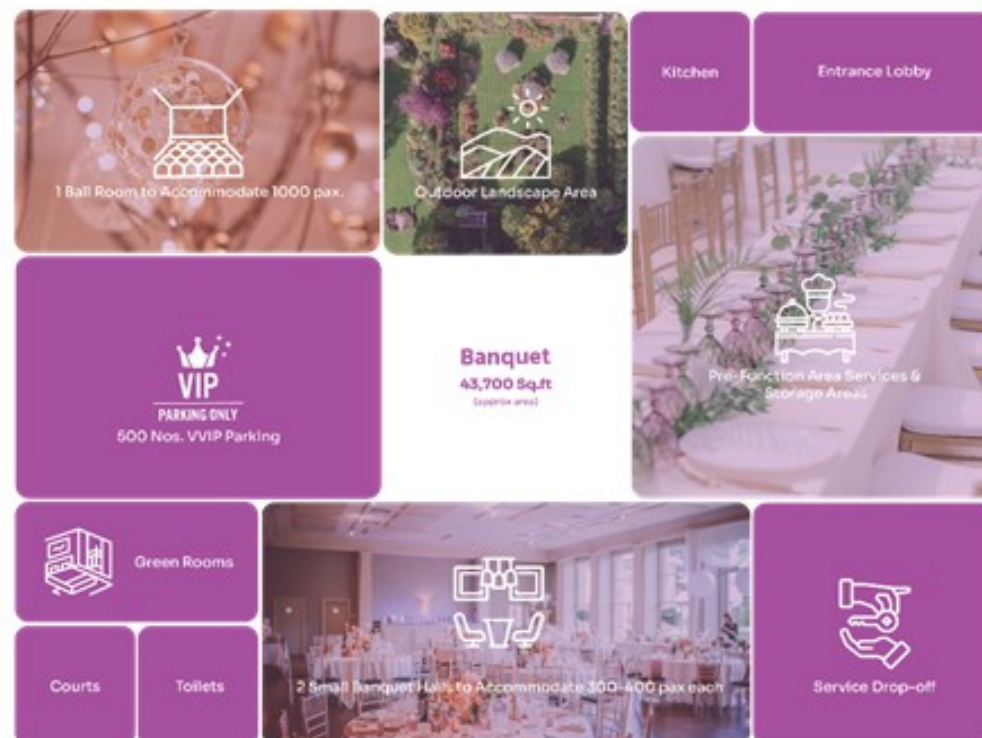
PROGRAMME OF REQUIREMENTS BY MCA TOTAL CLUB MEMBERSHIP : 5000 MEMBERS		
CLUBHOUSE	TRAINING AND SPORTS	ACCOMODATION
• Reception & Lounge • Sports Bar • Multi-Cuisine Theme Restaurants (02 Nos.) with Indoor and Outdoor seating • 1 Ball Room to accommodate 1000 pax with separate Entry and Exit. • 2 Small Banquet Halls to accommodate 300-400 pax each (Option of combining Ball Room and 02 Small Banquet Halls into 1800 pax.) • Conference/ Meeting Rooms • Pre-Function Area • Business Centre • Administrative Wing • Services & Storage Areas • Ancillary Spaces • Adequate Toilets, Changing & Locker Areas • Cricket Related Museum with Cafeteria	• Outdoor and Indoor Cricket Practice Nets • Indoor facilities with Gymnasium, Yoga, Steam room, Spa etc. • Lawn Tennis Courts • Badminton Courts • Table Tennis • Squash Courts • Swimming Pool (Olympic Size) • Billiards Room • Futsal and Pickleball Courts • Landscaped & Themed Areas • First Aid Facility • Parking Facility Independently For: 1. Club Members 2. 500 Nos. VVIP Parking • Accessibility Features	• Two Residential Wings : 50 Rooms Each • Separate Lounge for Two Teams • Separate Dining Facility for Two Teams • Press Reporting Areas • Briefing Rooms • Public Appearance Zones • Gallery Storage Areas • Adequate Parking Facility • Security Measures, Automated Surveillance Systems, Control Rooms, Access Control Area etc.

Reorganised Program

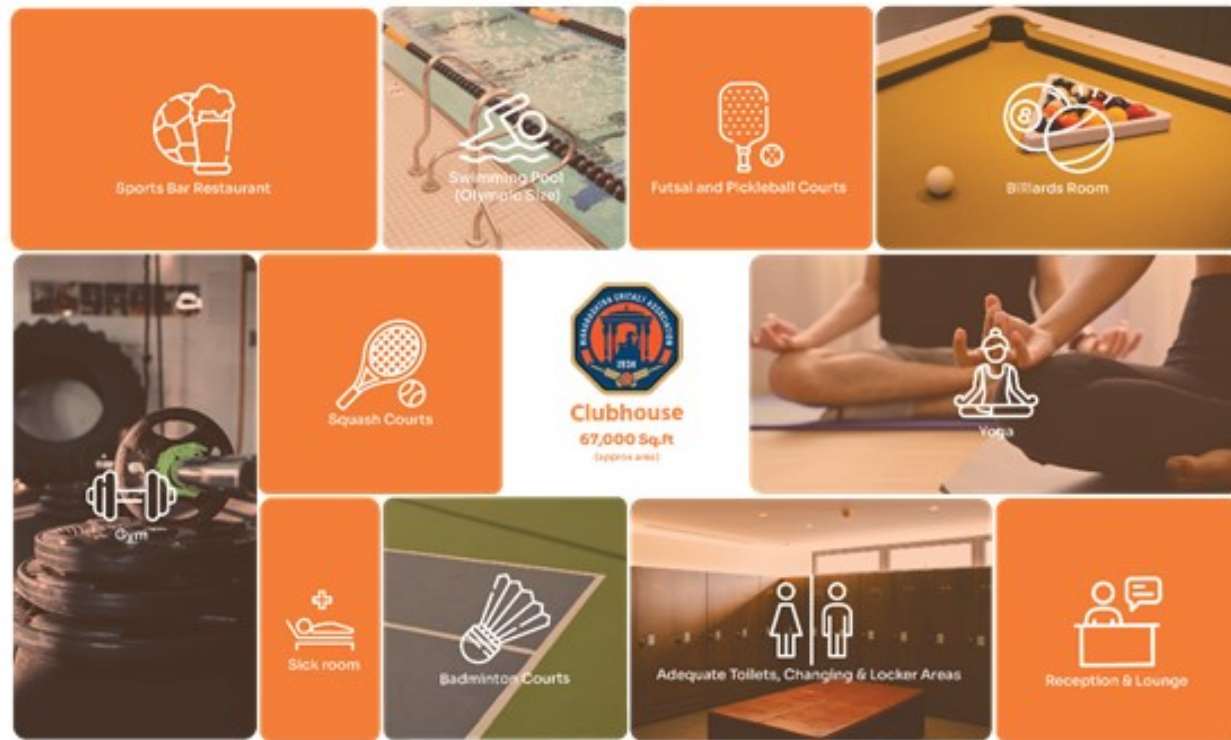


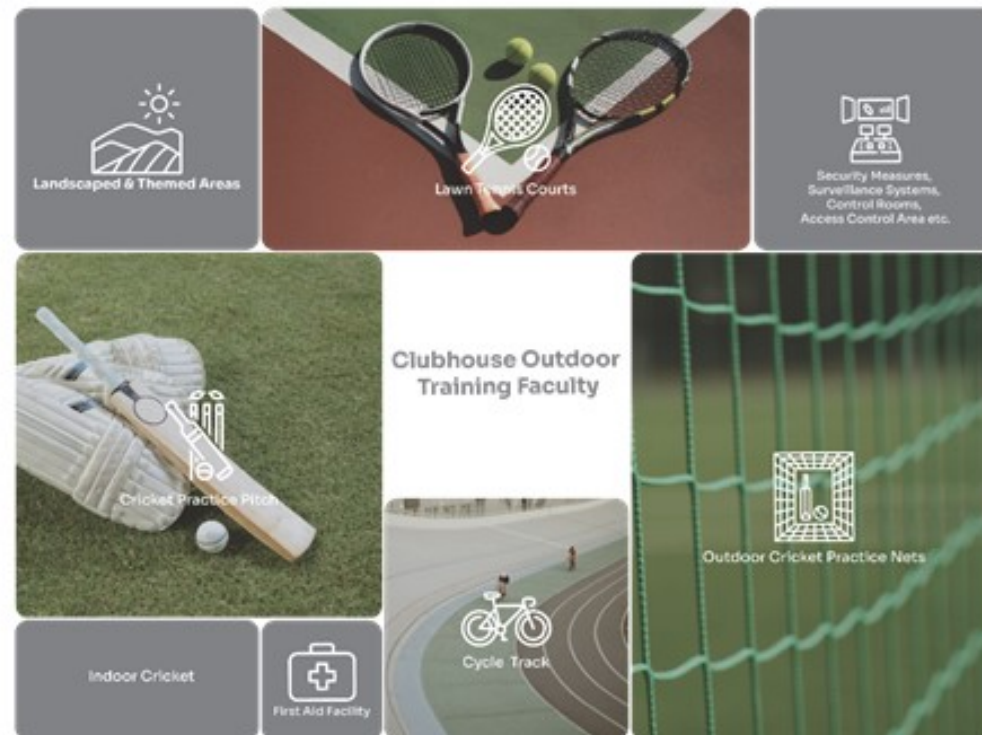


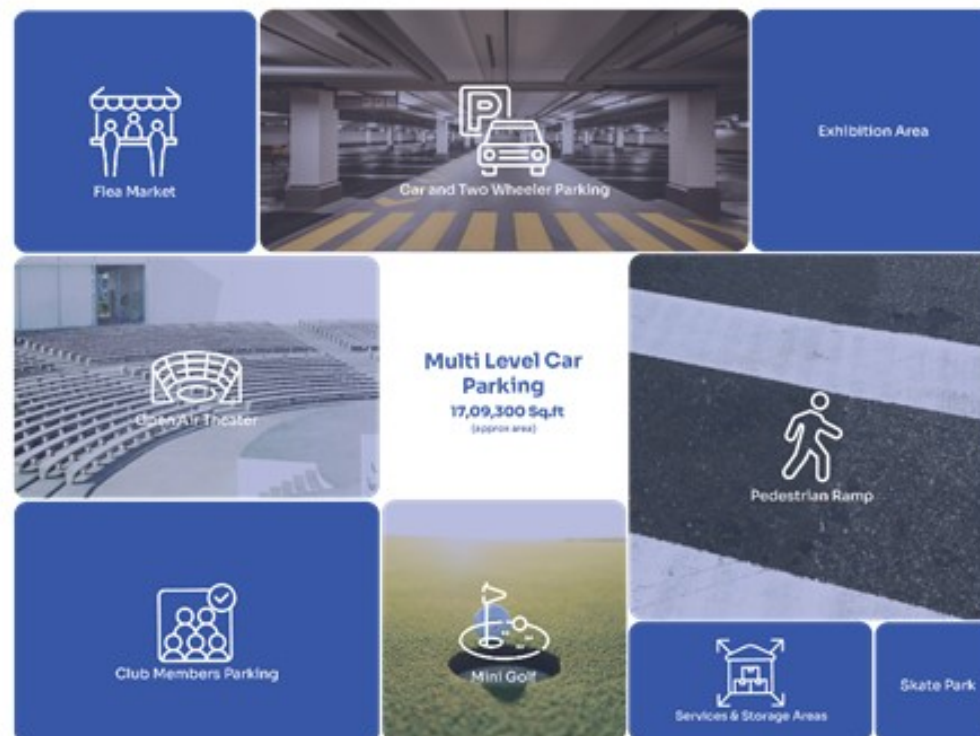












Design Parameters

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Pune As a Context

Planning And Massing

Visual Connectivity

Social Inclusivity

Materials And Environmental Impact

Regional Context

PR135



Shaniwar Wada



Shaniwar Wada



Mahadji Shinde Chhatra

A robust stone plinth anchors the composition, reinforcing a sense of permanence and grounding. This horizontal base band serves as a unifying element, tying together the diverse volumes above — regardless of their height, geometry, or function — into a cohesive architectural language.

Proposed Clubhouse At MCA, Ghatunja, Pune



Shaniwar Wada

The arched colonnades function as grey spaces — transitional zones that invite movement and facilitate moments of pause. They serve as porous thresholds, offering visual connectivity between interior and exterior realms. Beyond their spatial and symbolic roles, these colonnades introduce a climatic buffer, moderating light, heat, and airflow to enhance environmental comfort.



Mahadji Shinde Chhatra

The jalis acts as a delicate screen — filtering light, modulating privacy, and gently controlling visibility.

Social Inclusivity

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Life Is Nothing But Spaces Between Architecture
-Lebbeus Woods

The transitional space in regional context fosters community engagement acting as multifunctional hub encouraging social interaction

These spaces invite more human interaction than architecture itself.



Ram Mandir, Tulshibaug



Ram Mandir, Tulshibaug



Ram Mandir, Tulshibaug



Shaniwar Wada

Proposed Clubhouse At MCA, Ghatnija, Pune



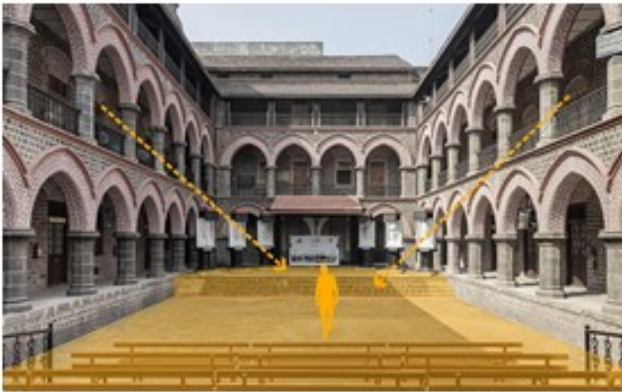
Mandai



Pataleshwar Temple

Visual Connectivity

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Nana Wada, Pune



Mandai



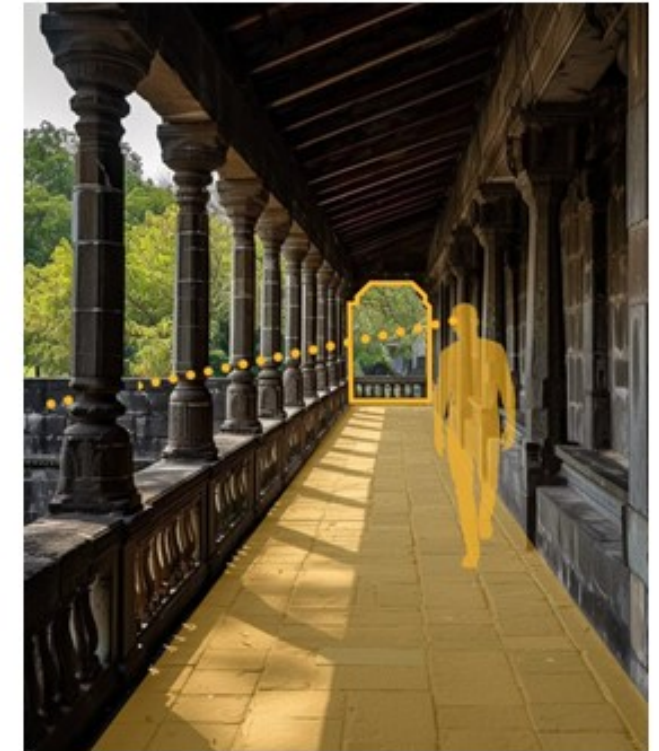
Lohagadh Fort, Pune

Proposed Clubhouse At MCA, Ghatnija, Pune



Shaniwar Wada, Pune

Creating focal points and designing around them, while maintaining visual and spatial connectivity to ensure people feel integrated within the entire space.



Shaniwar Wada, Pune

Massing And Material Symbolism

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The **Material Symbolism** has been inspired from the hierarchy of elements used in olden wadas in Pune.



Stone Plinth

The entire design has a thick base plate in stone plinth that visually reinforces the sense of stability and firmness symbolizing the enduring nature of the city.



Shaniwar Wada

Proposed Clubhouse At MCA, Ghatunja, Pune

This design draws from the classic progression seen in wadas—beginning with a solid plinth, transitioning into semi-covered verandahs, and culminating in the upper levels supported by elegant wooden columns.



Copper Arches

The copper arches above the stone base symbolize a transition from the old to new creating an envelope around the common spaces placed on the ground floor.



Vishrambaug Wada In Pune Displays

The language of the architecture thus evolves vertically, echoing the vernacular logic while responding to contemporary sensibilities.



Terracotta Fins

The above floors have vertical terracotta fins. This adds a minimal geometric pattern balancing the other two visual elements of the stone base and the arches.



Vishrambaug Wada, Pune

Sustainability is a core principle of the design, considering Pune's growing urban challenges. The MCA International Club House focuses on reducing its environmental footprint while promoting community engagement.

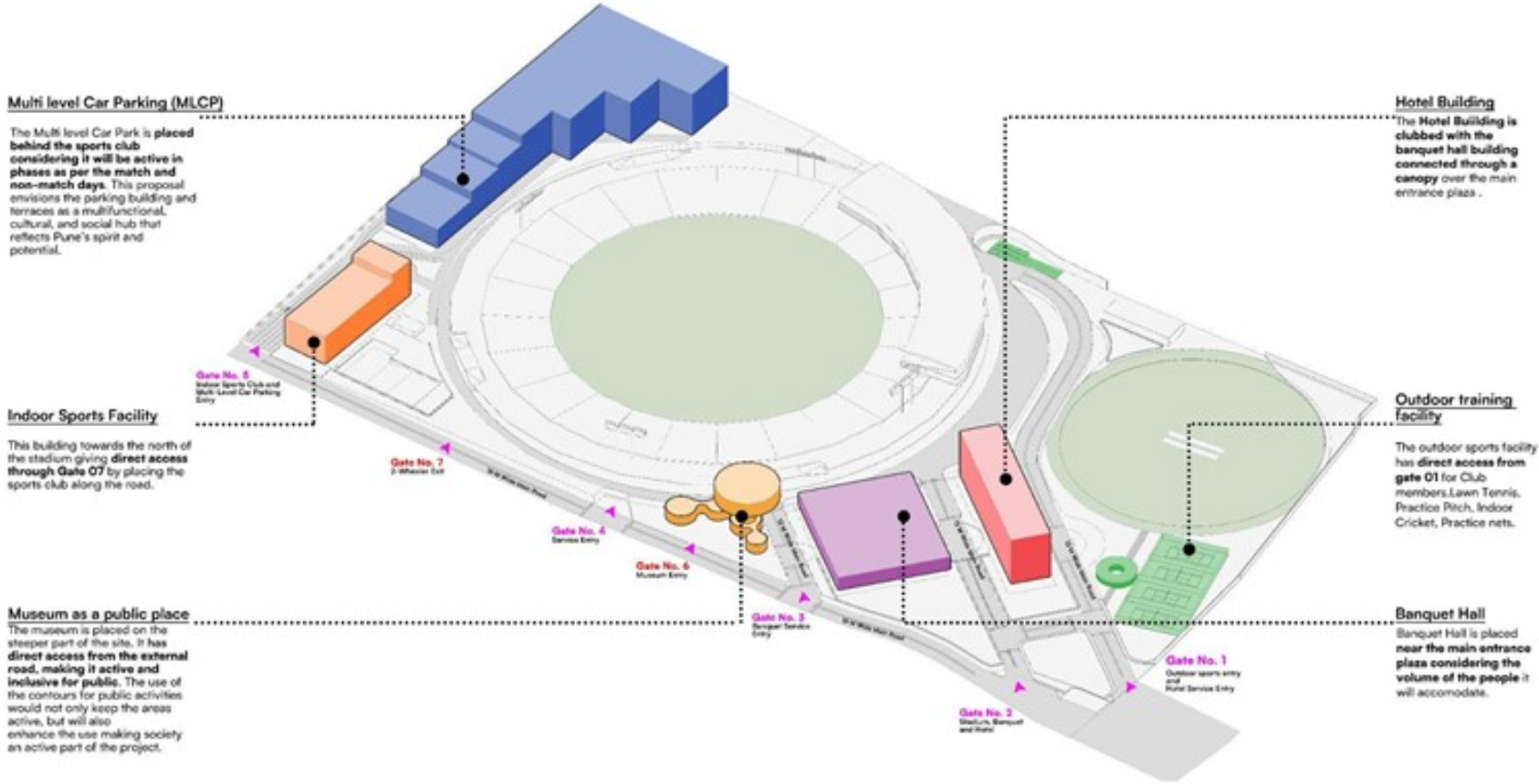


Aga Khan Palace, Pune

Proposed Zoning

Zoning

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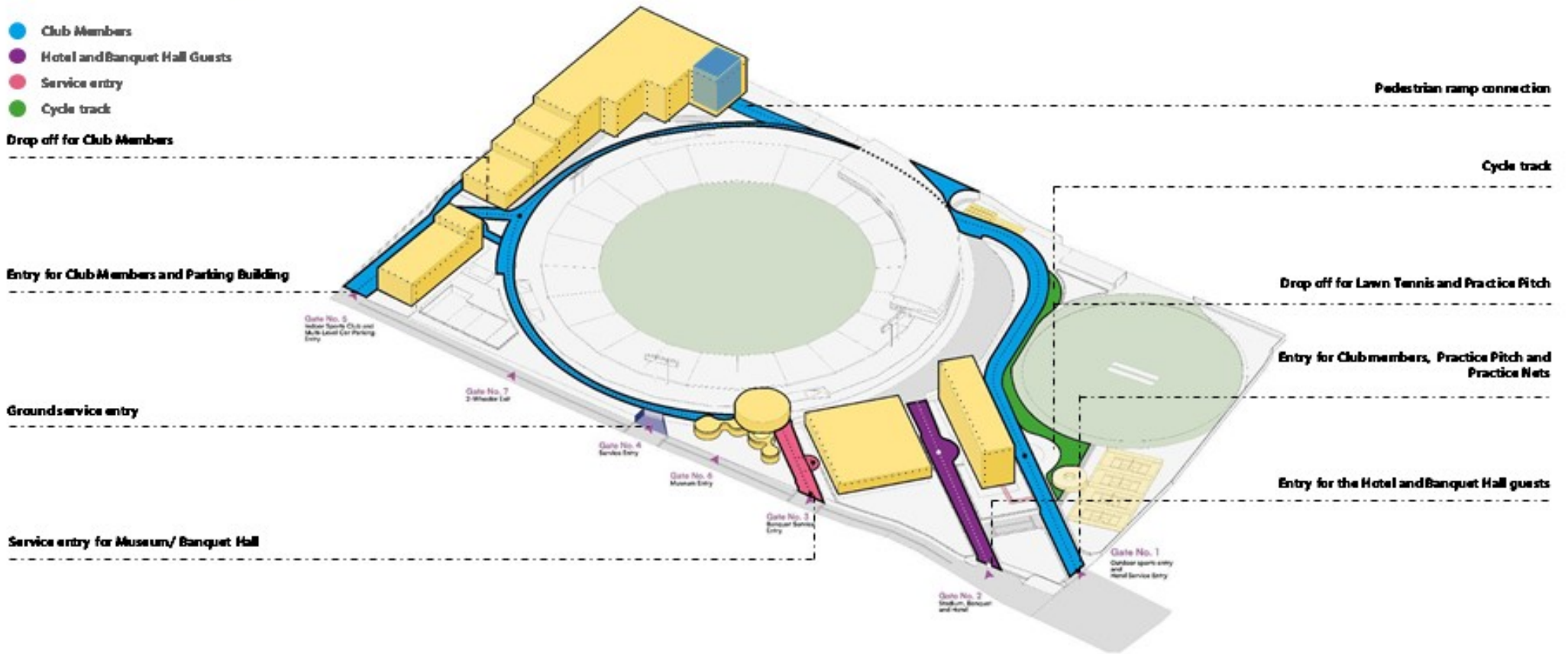


Non Match Day - Scenario

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- Club Members
- Hotel and Banquet Hall Guests
- Service entry
- Cycle track

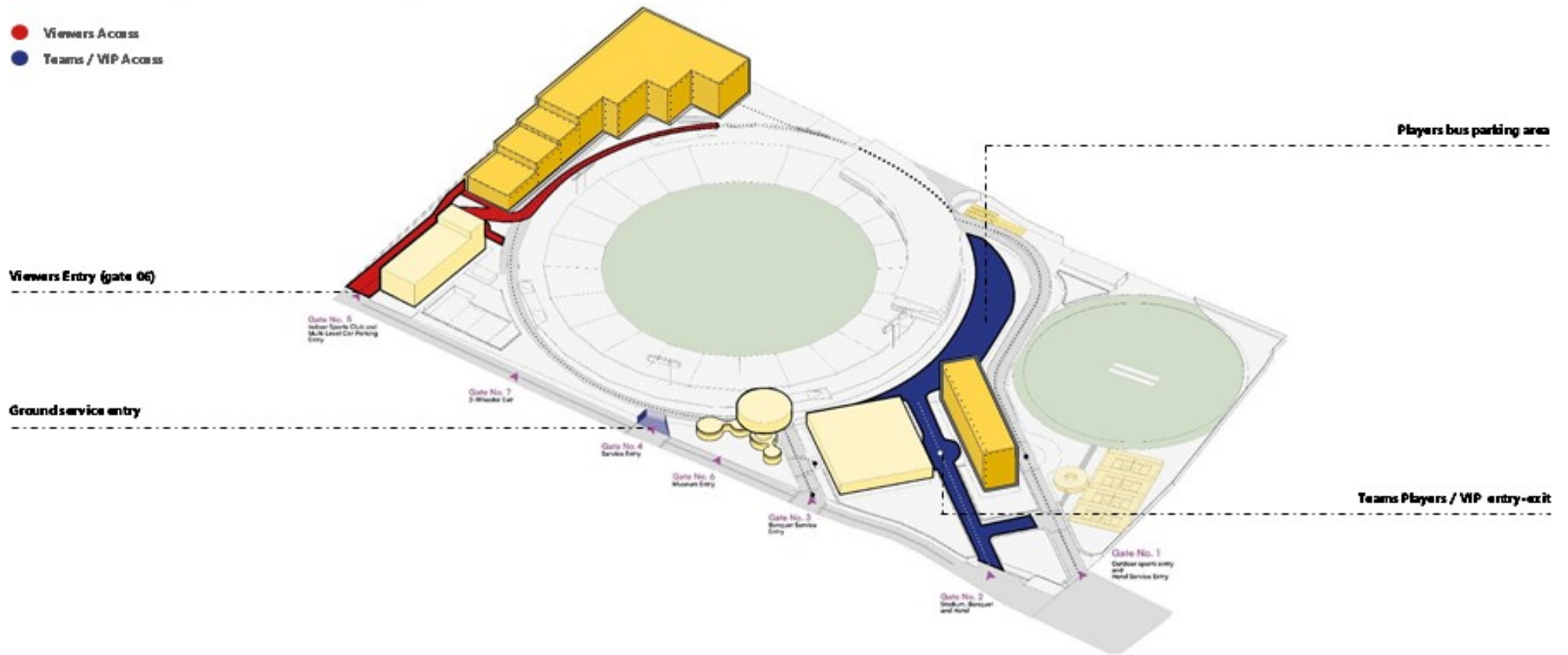
Drop off for Club Members



Match Day – Scenario 01 (Vehicular Access)

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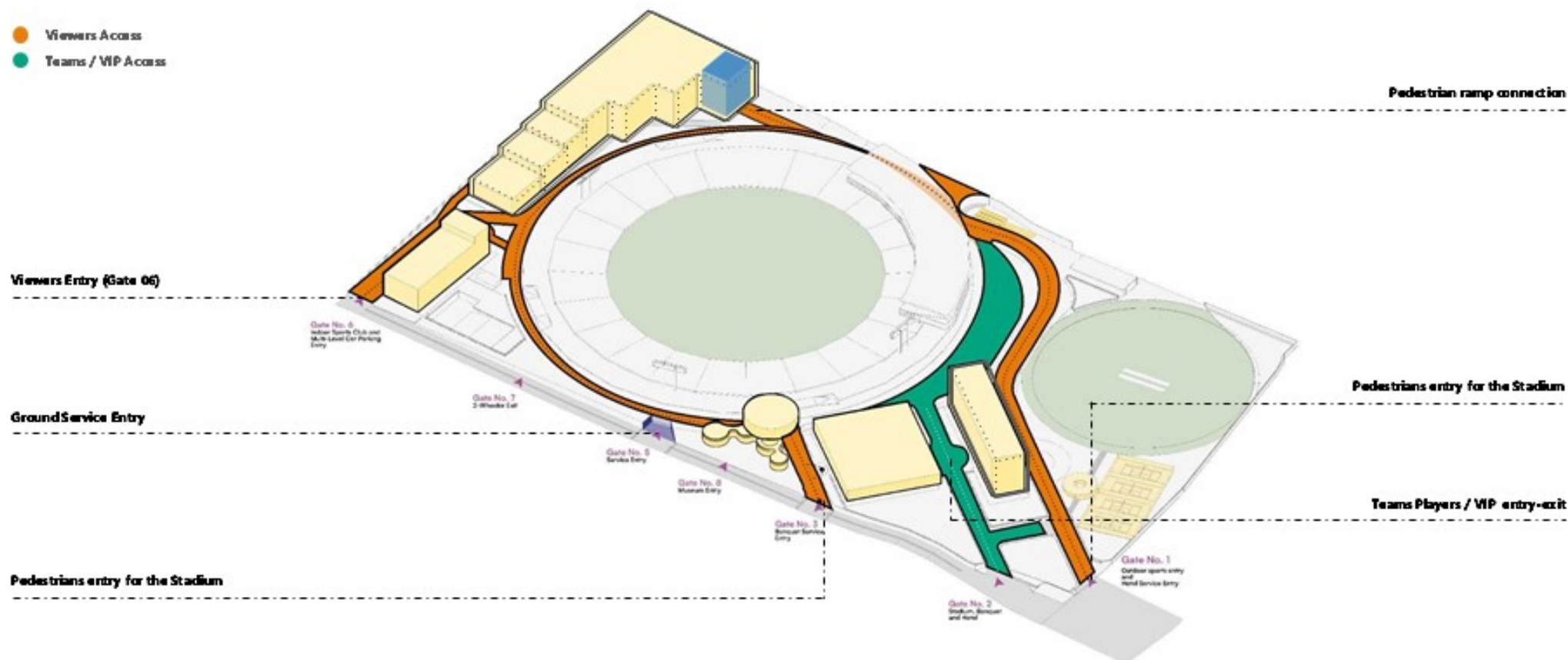
- Viewers Access
- Teams / VIP Access



Match Day - Scenario 02 (Pedestrian Access)

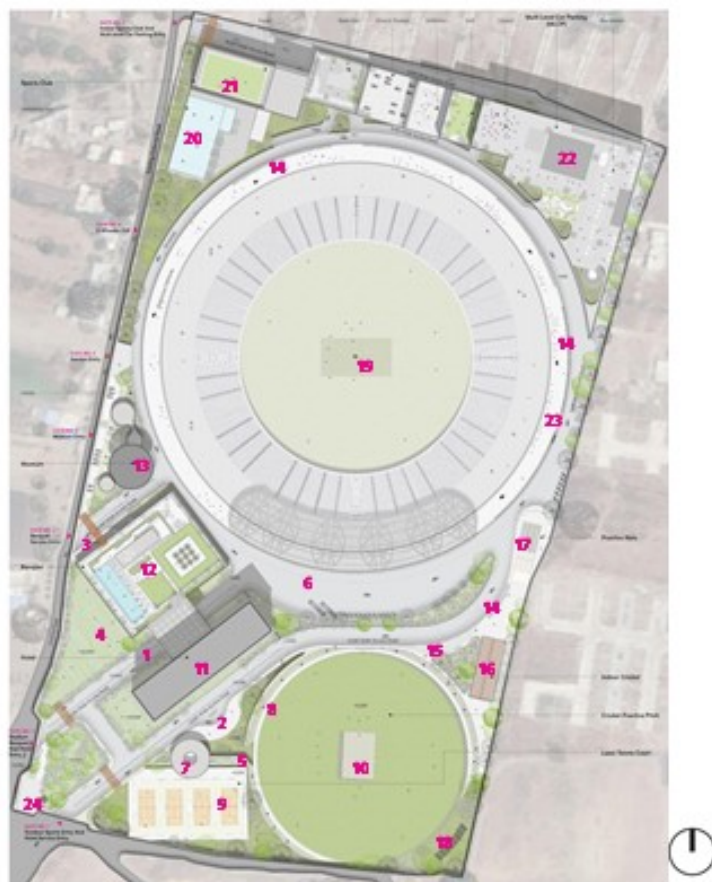
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- Viewers Access
- Teams / VIP Access



Site Plan

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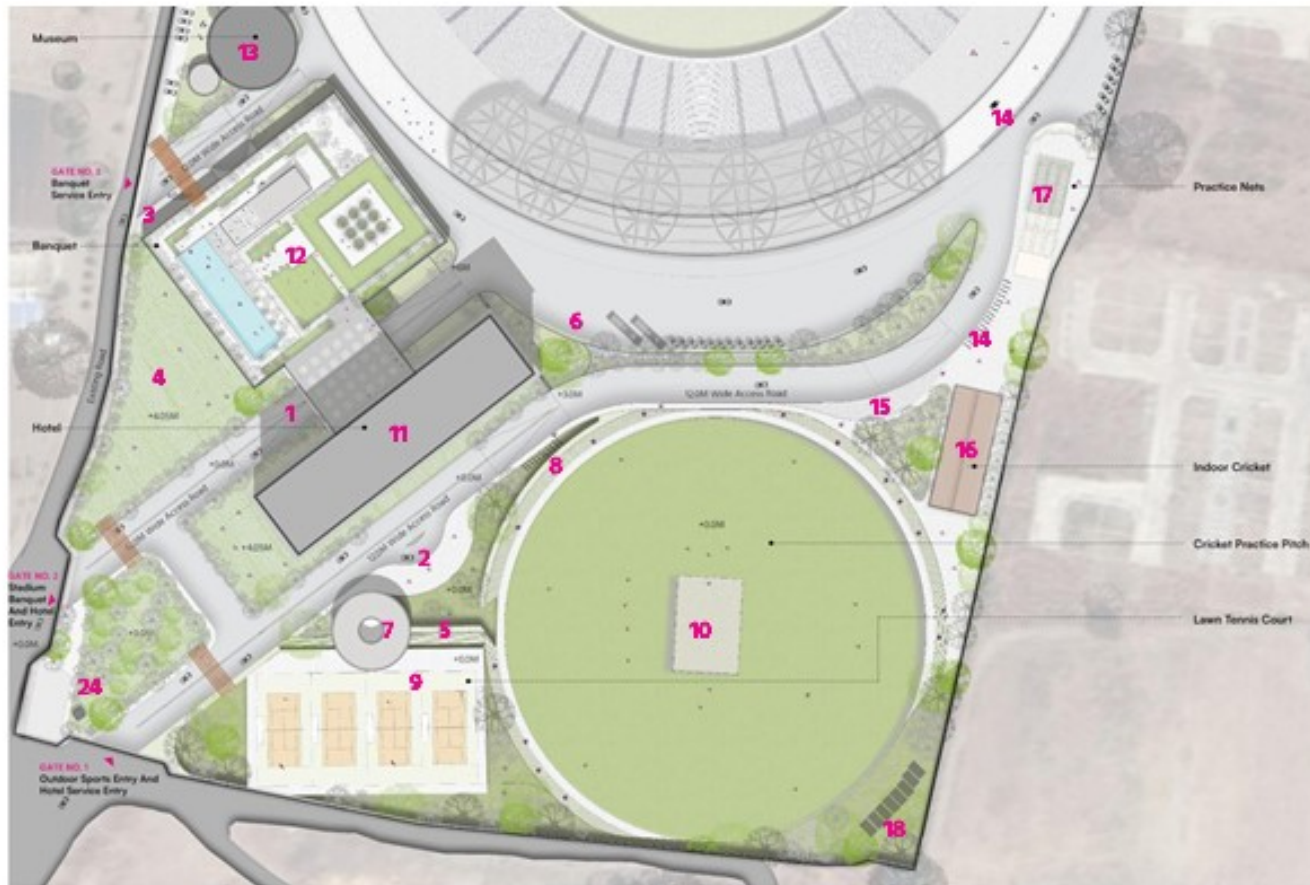


Legend

1. Hotel And Banquet Hall Drop - Off
2. Outdoor Sports Drop-off
3. Banquet Hall Service Entry
4. Banquet Hall Lawns
5. Outdoor Landscape Seating
6. Road at 9M Lvl
7. Reception + Changing Rooms
8. Landscape Seating
9. Lawn Tennis Courts
10. Practice Pitch
11. Hotel And Restaurants
12. Banquet Halls
13. Cricket Related Museum And Canteen
14. Cycle Parking
15. Cycle Track
16. Indoor Cricket
17. Practice Nets
18. Diesel Generator Sets
19. Maharashtra Cricket Association Stadium
20. Swimming Pool
21. Club house, Training And Sports
22. Parking
23. Pedestrian Pathway
24. Chhatrapati Shivaji Maharaj Statue

Site Plan

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Proposed Clubhouse At MCA, Ghatnija, Pune



Legend

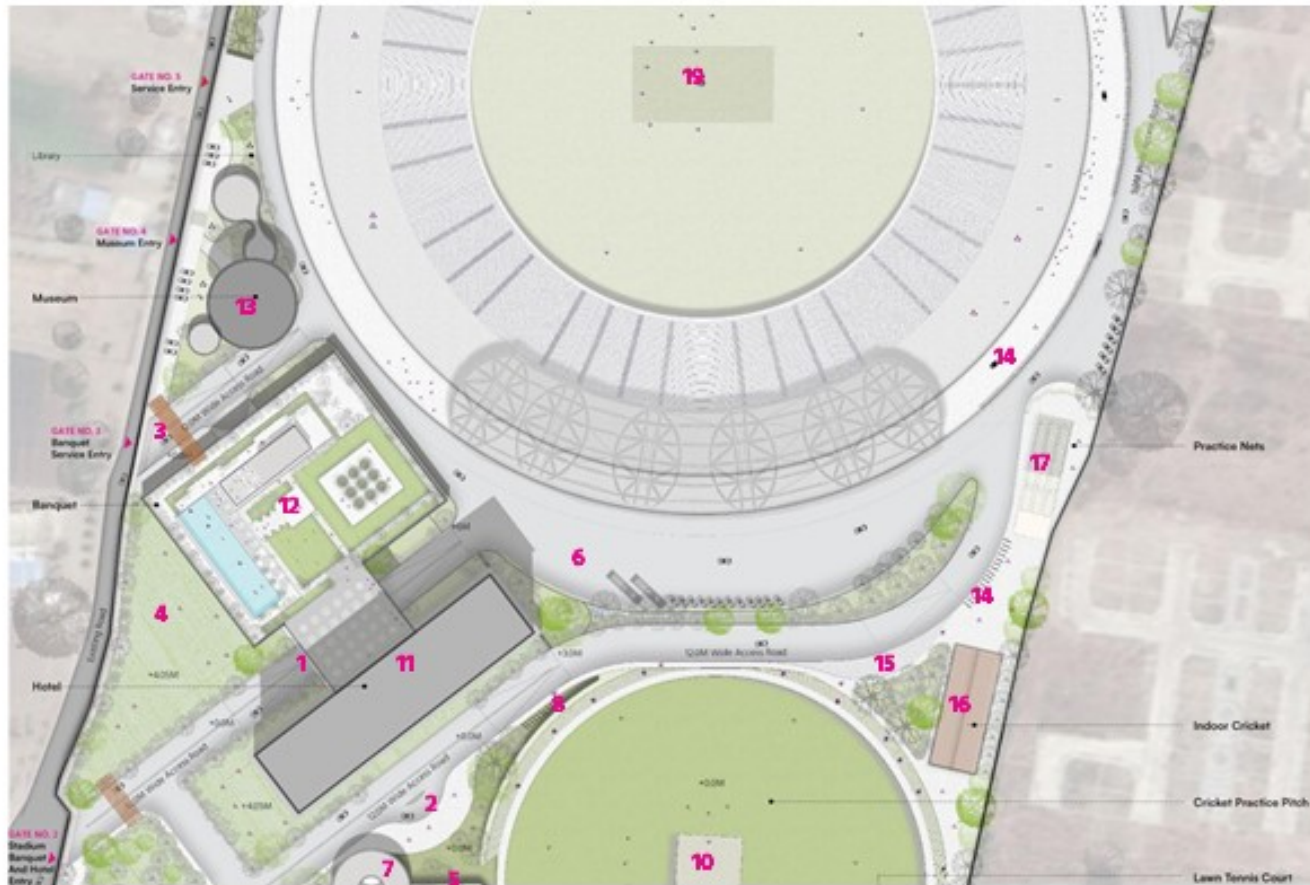
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18. Diesel Generator Sets



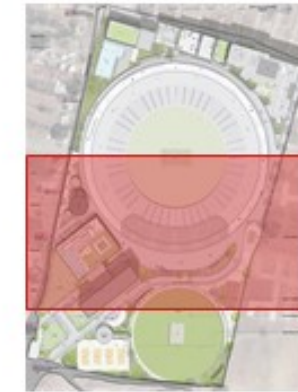
Proposed Plan

Site Plan

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Proposed Clubhouse At MCA, Ghatnija, Pune

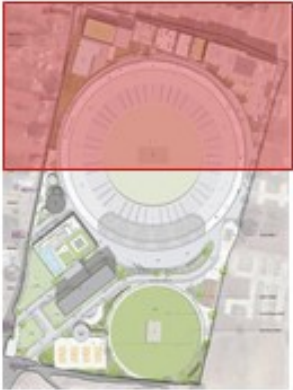
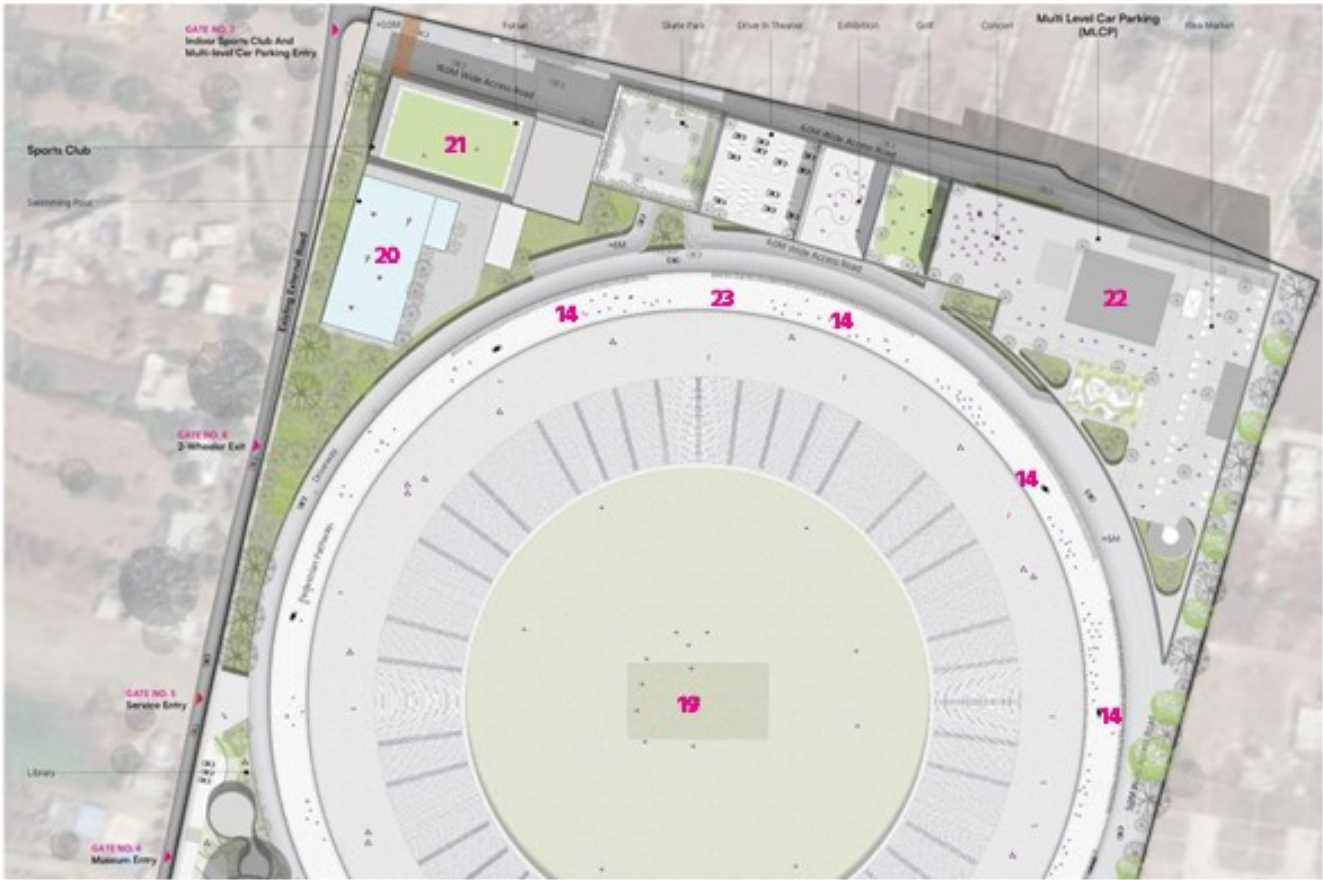


Legend

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17. Practice Nets
18. Diesel Generator Sets
19. Maharashtra Cricket Association Stadium

Proposed Plan

Site Plan

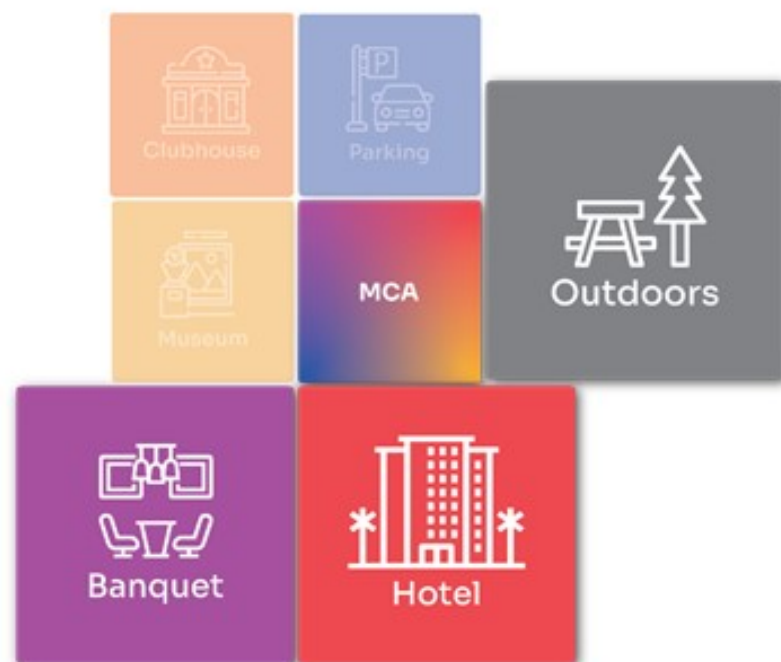


Legend

- 14. Cycle Parking
- 19. Maharashtra Cricket Association Stadium
- 20. Swimming pool
- 21. MCA Club House
- 22. Parking
- 23. Pedestrian Pathway

Proposed Clubhouse At MCA, Ghatnija, Pune

Proposed Plan



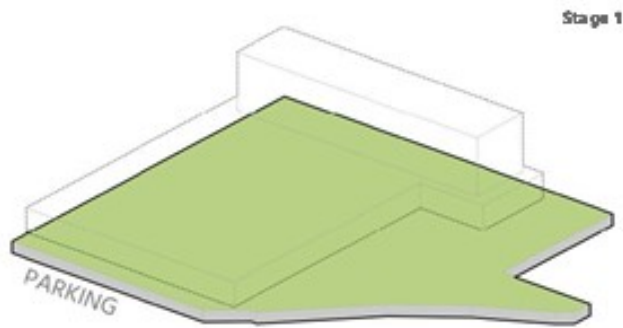
Site Plan



Hotel And Banquet Building

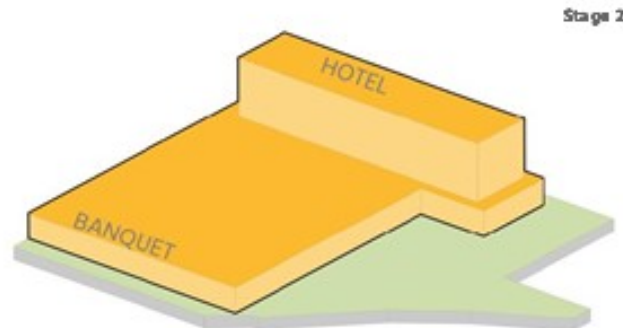
Concept

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Stage 1

Stone Plinth Base Symbolizing stability and firmness



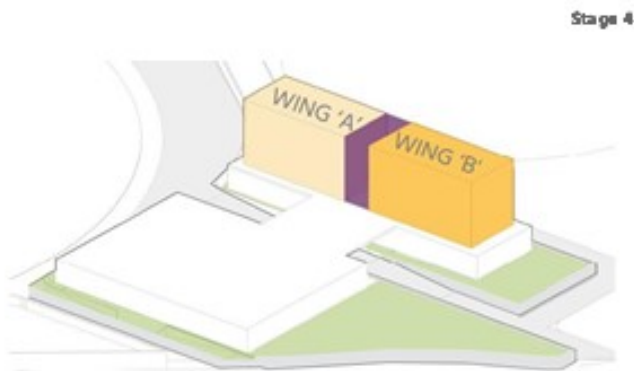
Stage 2

The placement of hotel block on heavy base plate.



Stage 3

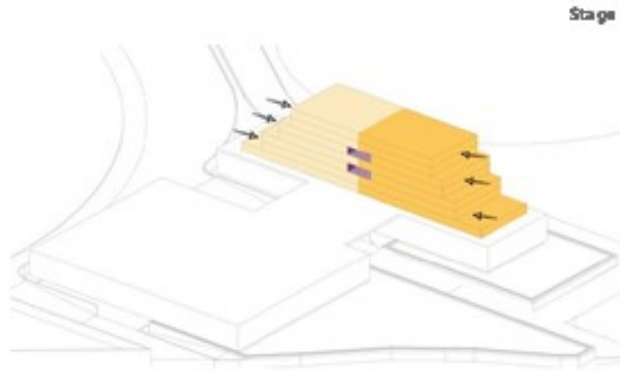
Carving out entrance plaza connecting banquet, hotel and stadium.



Stage 4

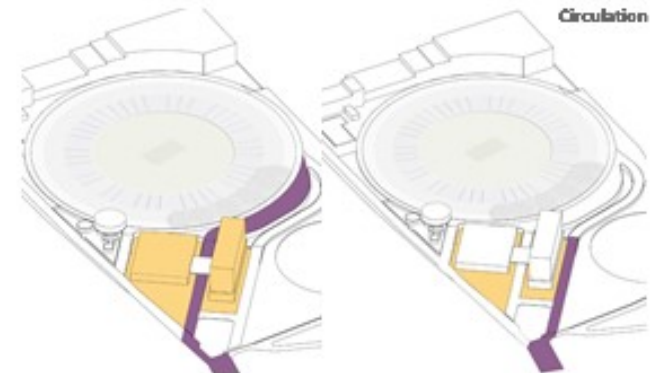
Dividing and connecting the two hotel wings when needed.

Proposed Clubhouse At MCA, Ghatnagar, Pune



Stage 5

Stepping in for open to sky courts.



Circulation

Entrance towards Hotel and Banquet Hall

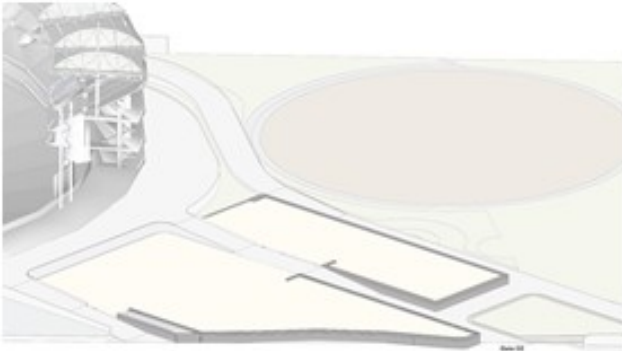
Service Entrance for Hotel

Hotel And Banquet Building

Program

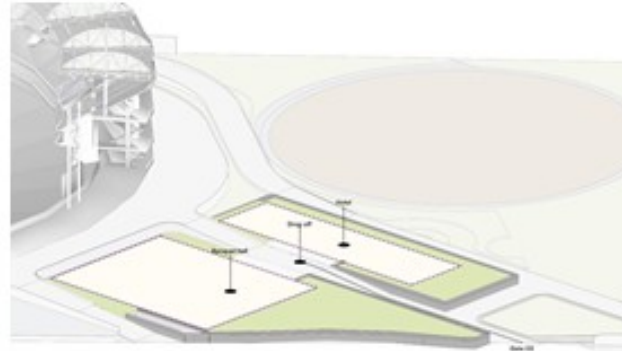
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Stage 1



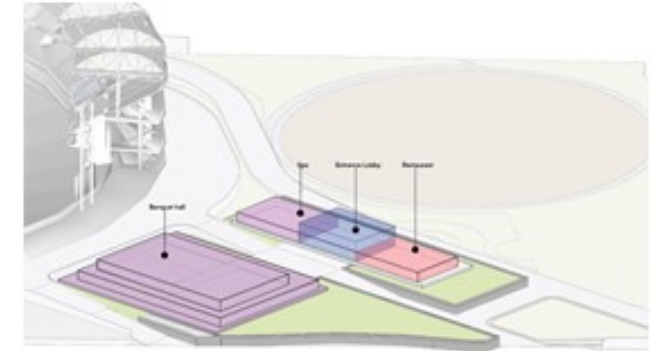
The Site

Stage 2



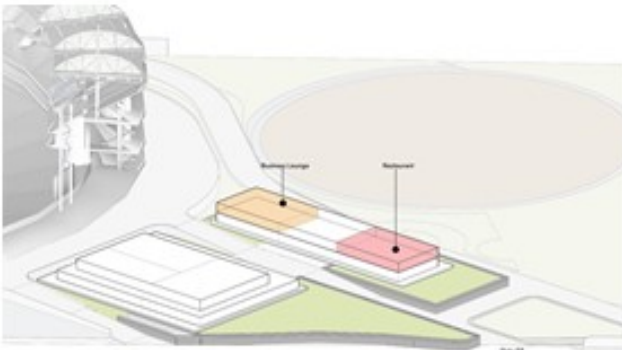
Zoning

Stage 3



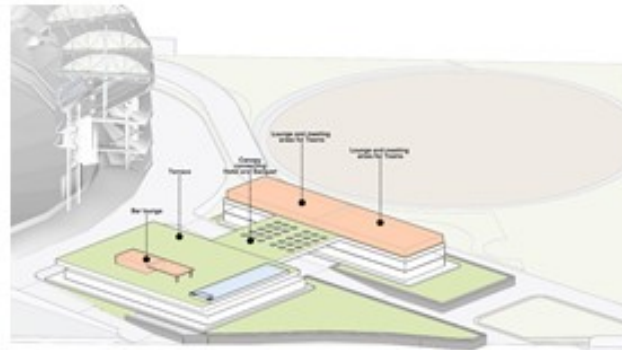
Ground floor plan

Stage 4



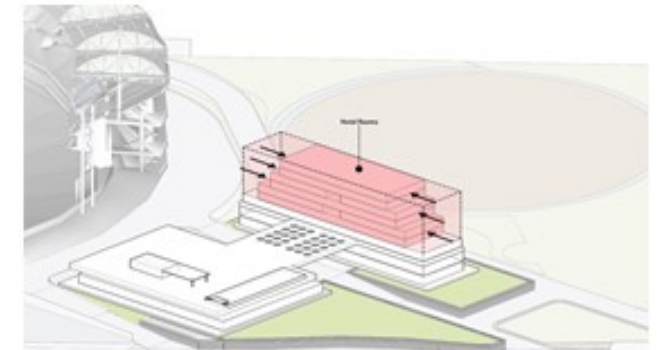
First Floor Plan

Stage 5



Terrace Floor Plan

Stage 6



Stepping

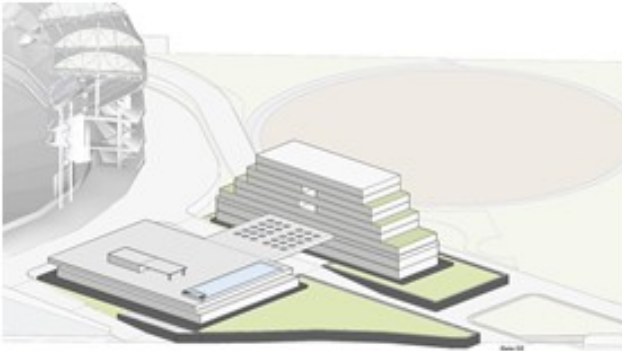
Proposed Clubhouse At MCA, Ghatnagar, Pune

Hotel And Banquet Building

Materials

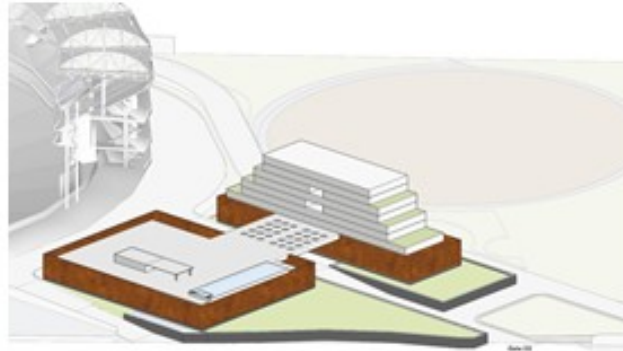
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Stage 1



Stone Plinth

Stage 2



Copper skin ties the hotel and banquet hall together

Stage 3



Arches

Stage 4



Terracotta Skin

Stage 5



The Slab

Stage 6



Landscape

Proposed Clubhouse At MCA, Ghatnagar, Pune

Hotel And Banquet Building

Drawings And Details

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Ground Floor Plan



Cut View of Banquet Ground Floor Plan

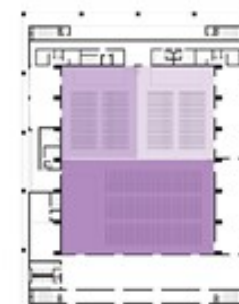
All the three banquets are placed on a single floor making it easy to merge into bigger space.

Legend

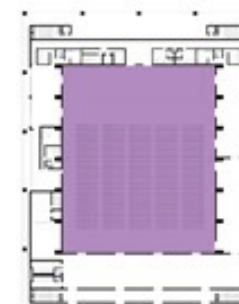
- A. Hotel & Banquet Drop-off
- B. Outdoor sports Drop-off
- C. Banquet Hall service entry
- D. Banquet Hall Lawns
- E. Outdoor Landscape Seating
- F. Road at 6M lvl
- G. Reception + Changing Rooms
- H. Landscape Seating
- I. Lawn Tennis Courts
- J. Outdoor Restaurant Seating

Banquet Hall

- Entrance Lobby
- Banquet Hall
- Kitchen
- MPH 01
- Pre function Hall 01
- Court 01
- Green Rooms
- MPH 02
- Pre function Hall 02
- Court 02
- Pre function Hall 03
- Service core connecting Parking to Stadium Level



Scenario 01 3 halls of 500, 250 and 250 people each



Scenario 02 1 Hall for 1000 pax

Banquet Hall - Combining Of Spaces

Hotel

- Reception Lobby
- B.O.H
- Kitchen 02
- Restaurant 01
- Outdoor Seating
- SPA
- SPA Court

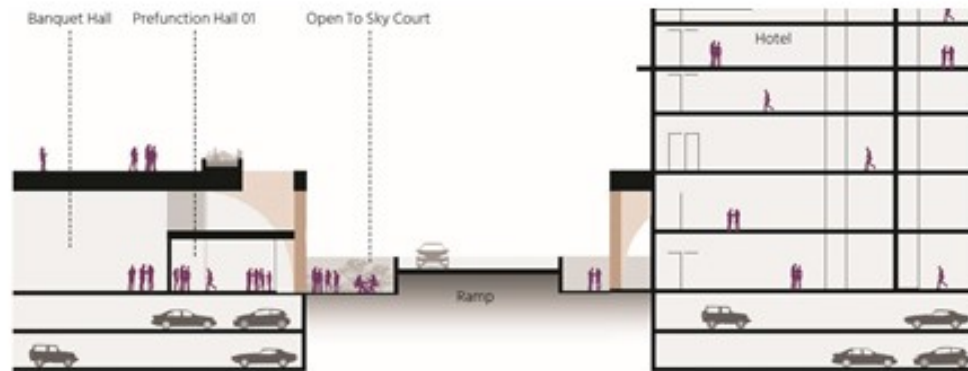
The banquet and hotel building is placed near the main entrance plaza considering the volume of the people it will carry. This placement also ensures that these two programs can function independently for the non club members, when needed.

The building spans across the road and is accessed through a covered plaza forming a pivotal feature.

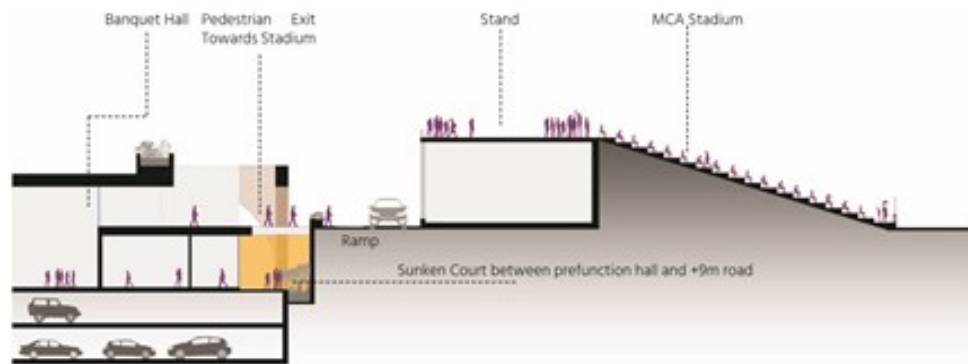
Hotel And Banquet Building

Drawings And Details

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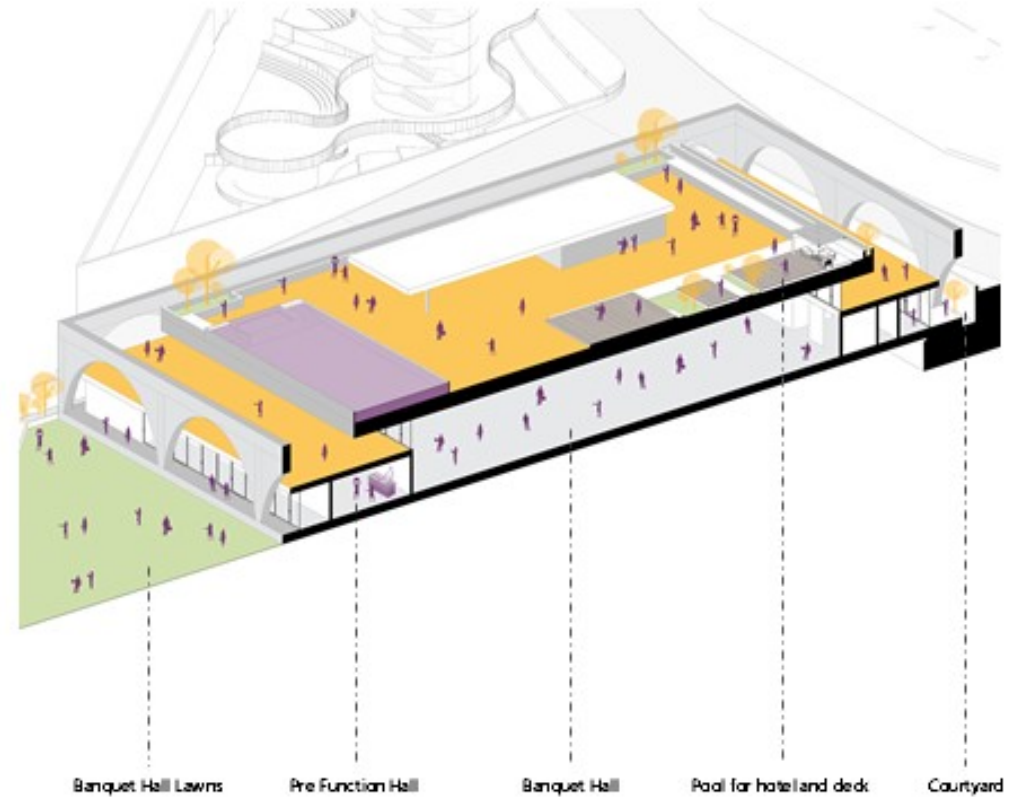


Cut section showing VIP parking and stadium connection.



Cut section showcasing the connection between the banquet hall, pre function area and open courts.

Proposed Clubhouse At MCA, Galunja, Pune



Cut view of 3D showcasing Banquet Section.

Hotel And Banquet Building

Outdoor Sports Facility

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Proposed Clubhouse At MCA, Gaithurja, Pune



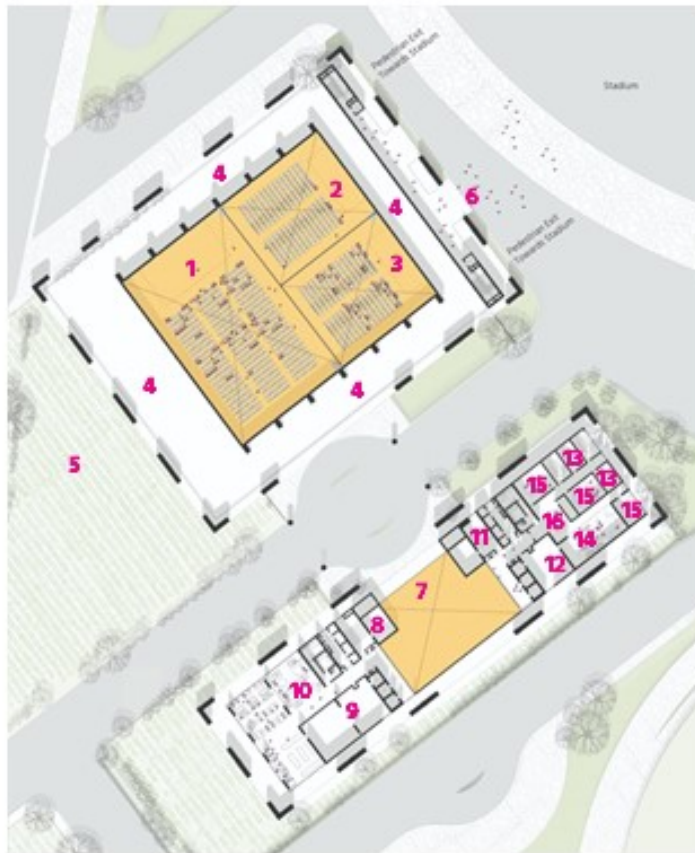
Reception And Changing Area for Outdoor sports
Acts as the first access and central point for the outdoor sports (lawn tennis and cricket).



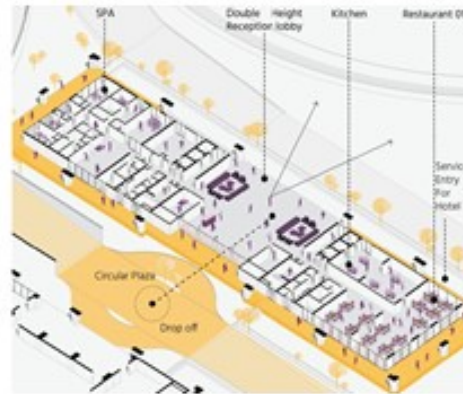
Hotel And Banquet Building

Drawings And Details

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First Floor Plan



Ground Floor View For Hotel

A covered circular plaza acts as a pivotal point not only welcoming people but also acting as a pause.

Banquet Hall

1. Banquet Hall
2. MPH 01
3. MPH 02
4. Service Floor
5. Lawn area for Banquet hall
6. Pedestrian exit towards stadium

Hotel

7. Double height Reception Lobby
8. B.O.H 01
9. Kitchen 02
10. Restaurant (Club Members)
11. B.O.H 02
12. Storage
13. Meeting rooms
14. Co-working room
15. Conference room
16. Reception



Cut View Of Hotel First Floor

These arches also become a shading device creating an envelope around the common spaces

User Diagram



Hotel And Banquet Building

Drawings And Details

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Second Floor Plan



Cut section through banquet hall and Hotel
Banquet terrace visually connecting all the floors.

Legend

1. Dining Area For Team A
2. Kitchen
3. Dining Area For Team B
4. Briefing Rooms
5. Press Reporting Areas
6. Passage Connecting to Accessible
7. Public Viewing Gallery
8. Swimming Pool
9. Changing Area
10. Outdoor Bar Area
11. Landscape Area
12. Pathways
13. Landscape Area For Yoga



Area utilization on match days and
non-match days

Program zoning

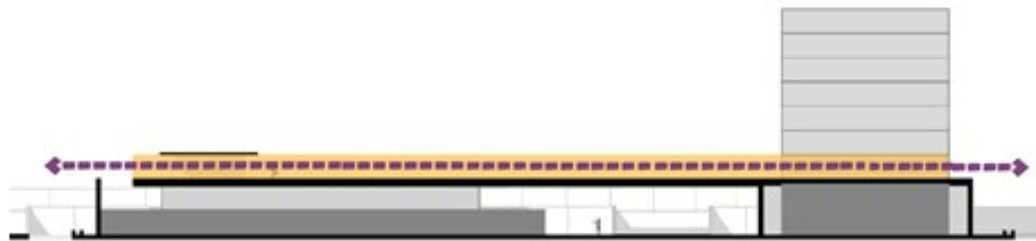


Section through Entrance plaza and viewing gallery above.
The canopy of circular plaza acts as a viewing gallery for the players along with being a connecting terrace.

Hotel And Banquet Building

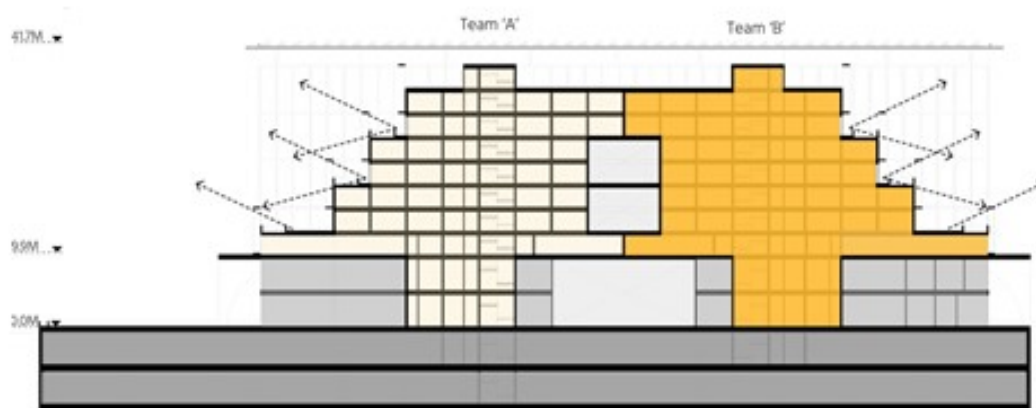
Drawings And Details

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The Banquet hall terrace tying both the blocks together

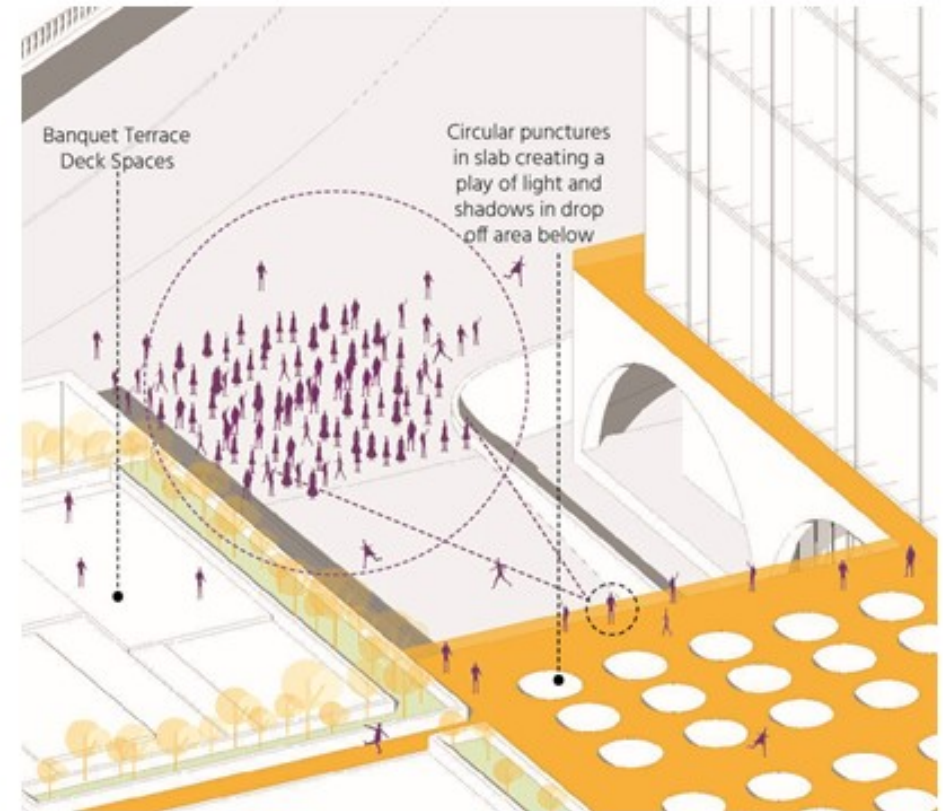
The common areas on the second floor have direct access to the banquet terrace which houses amenities like the swimming pool, a bar and landscape areas



Hotel Cross - Section

Separate residential wings for two teams with 52 rooms each

Proposed Clubhouse At MCA, Ghatnagar, Pune



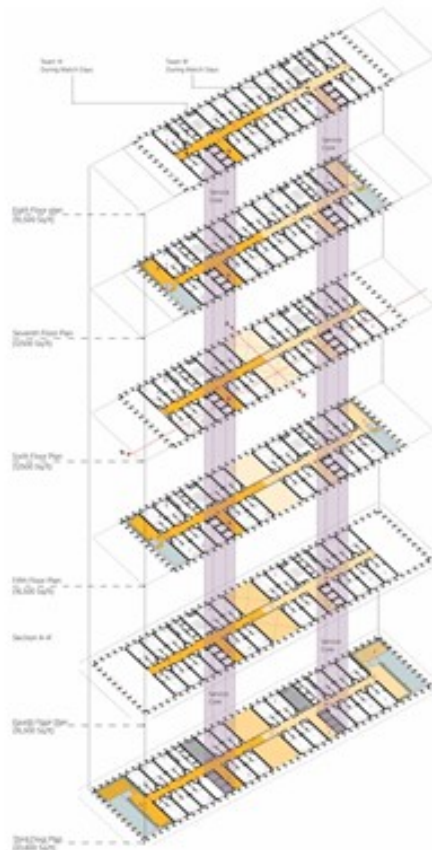
Viewing gallery for Players and Fans

The covered Plaza acts as a viewing gallery for the players visually connecting the street below which acts as gathering point.

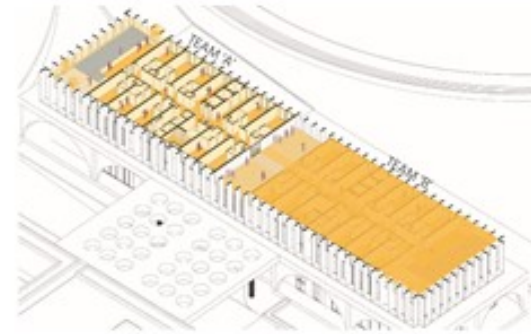
Hotel And Banquet Building

Drawings And Details

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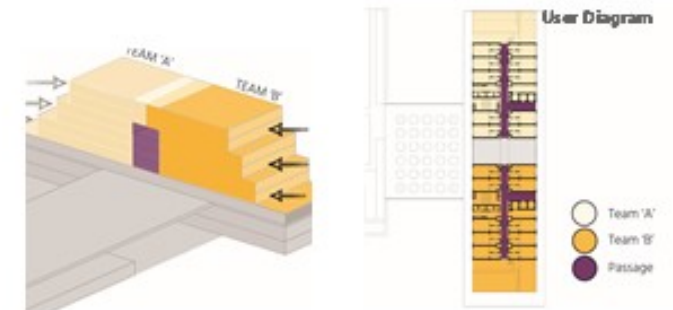
Typical Floor Plans



Cut View Of Hotel Fourth Floor Plan
Two independent wings hosting separate cricket teams during match days.



Cut Section Through Hotel building
Double height courts in passages add elements of drama and opens visual connectivity



Twin tower connected and divided as and when required for the cricket teams.
Separate lobbies for players of two teams during matches



Sectional View through Suite Rooms
The stepped profile of the building breaks the massing forming open to sky green terraces while visually connecting all floors.

Drawings And Details

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Hotel Cross - Section

The hotel has separate zones for the club members and hotel guests making the segregation easier. The common areas on the second floor have direct access to the banquet terrace which houses amenities like the swimming pool, a bar and landscaped areas. This horizontal connection further connects all the hotel floors visually.

The hotel consists of twin towers linked by shared public areas, the hotel offers both flexibility and functionality. These spaces can be adapted into two independent wings when needed, such as for hosting separate cricket teams, while otherwise functioning as a unified hotel. This adaptable layout ensures privacy while maintaining an integrated guest experience.

The stepped profile of the building breaks the massing forming open to sky green terraces while visually connecting all floors. It ensures that there is always a visual connection throughout the design, allowing people to feel engaged with cricket even from the overlooking spaces designed around it. This type of architectural approach not only improves accessibility but also creates a dynamic flow where the users can connect with the stadium from various levels.

To emphasize the significance of the existing stadium, the hotel building terraces back, creating a visual dialogue and respectful spatial relationship with the stadium.



Section Through Hotel's Stepped Terraces



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Hotel And Banquet Building

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Section A-A'

Section through Hotel, Banquet Hall, and Drop off canopy

Design Evolution

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Hotel And Banquet Building

Hotel And Banquet Building

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Proposed Clubhouse At MCA, Galunja, Pune

Hotel And Banquet Building

Hotel And Banquet Building

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Proposed Clubhouse At MCA, Galunja, Pune

Hotel And Banquet Building

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Proposed Clubhouse At MCA, Gaithurja, Pune

Hotel And Banquet Building

Hotel And Banquet Building

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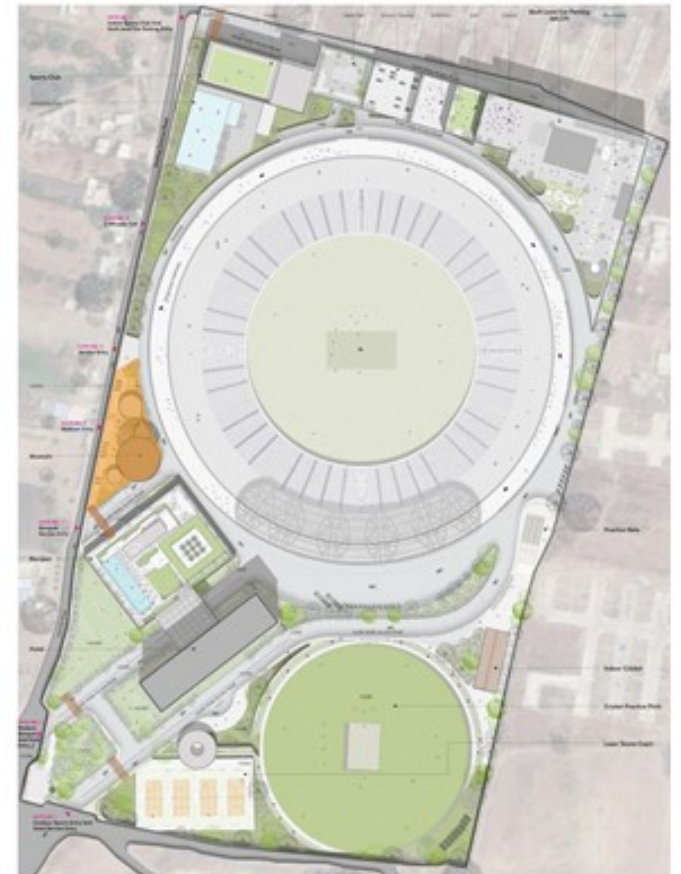
Proposed Clubhouse At MCA, Gaithurja, Pune

Hotel And Banquet Building



Site Plan

PR135



Proposed Clubhouse At MCA, Ghatunja, Pune

Museum

Concept

The Museum is placed on the steeper part of the site, directly getting access from the external road. So the idea is to utilize these contours for public activities and plan the functional activities along it, letting the natural contours guide the layout. Harmonizing the building with its surroundings.

The main museum is designed as a floating disk being central, elevated form detached from the contours. This visually connects it to the game of cricket reinforcing its connection to the sport of cricket, making it not just a building but a space that reflects and celebrates the emotional and cultural significance of the game.

The visual alignment creates a link between the two, making the museum an integral part of the experience for those visiting the stadium, and vice versa.

A horizontal base plane is introduced between the steep contours bringing continuity to the site, allowing smooth circulation and interaction.

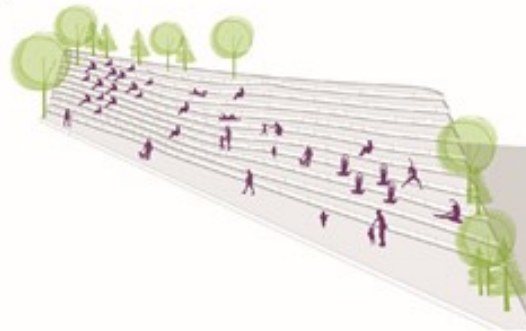
This horizontal plane houses all activities of reception, waiting, library and services, anchoring the light museum tower to the ground.

A terrace plane further connects all these spaces forming an interactive space.

Having the library as a private yet integral element along one side of these activities gives the visitors a quieter, more reflective space amidst the public zones.

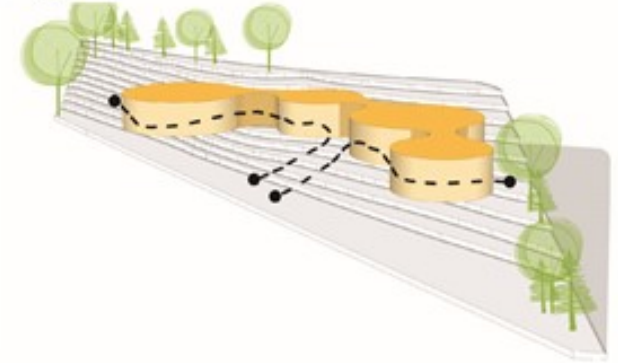
The language of this building is organic and fluid, creating a distinct atmosphere for the library, making it feel more inviting and less rigid than the other functional spaces.

Stage 1



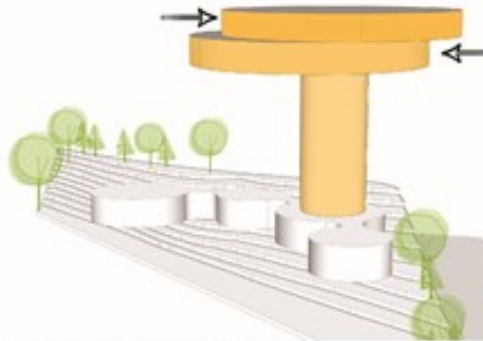
Utilizing the contours for public activities.

Stage 2



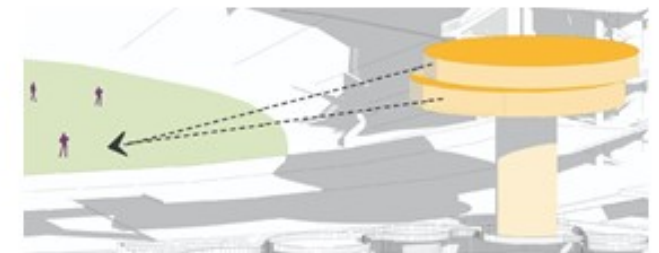
Placing the functional activities on the contours.

Stage 3



Two floating disc detached from the contours.

Stage 4

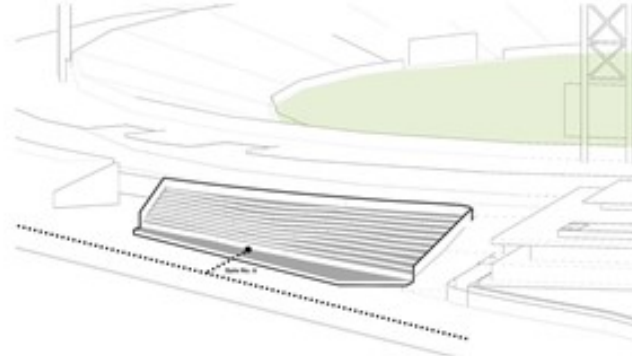


Elevated disc visually connects to the stadium.

Concept

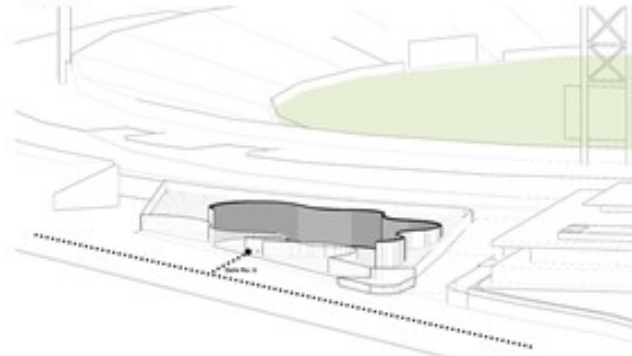
PR135

Stage 1



The Site

Stage 3



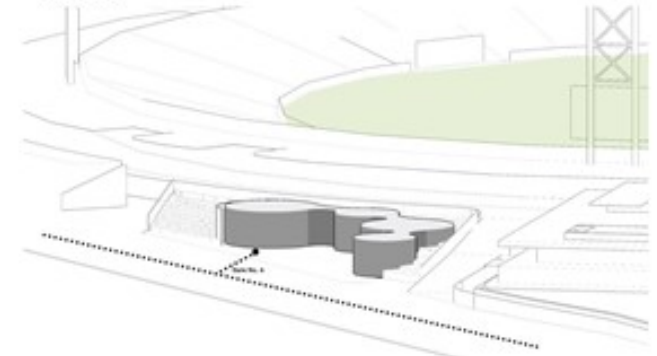
Interweave
Merging of form and function.

Stage 2



Threshold
The curve edge merges with the solid base to guide flow and define entry.

Stage 4

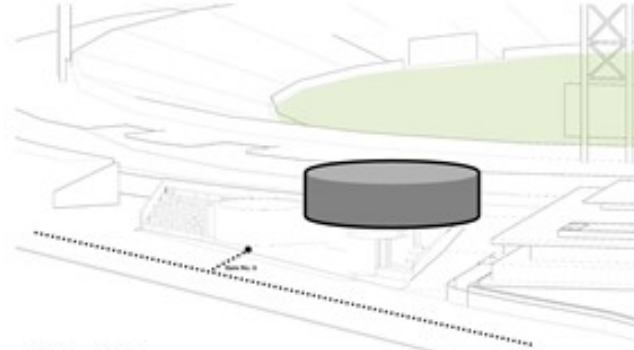


Monolith
Sculptural presence of a solid curve mass.

Concept

PR135

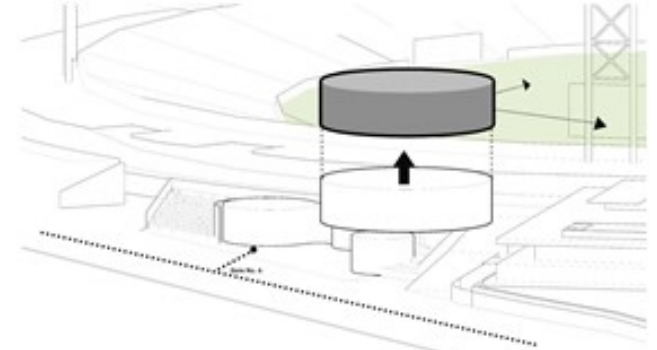
Stage 5



Viewing deck

The grey disc serving as museum and cafe placed above other functional places.

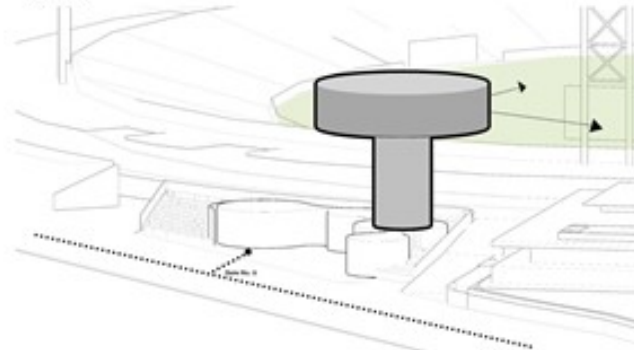
Stage 6



Rise

The grey disc rising above the existing landscape, capturing stadium views.

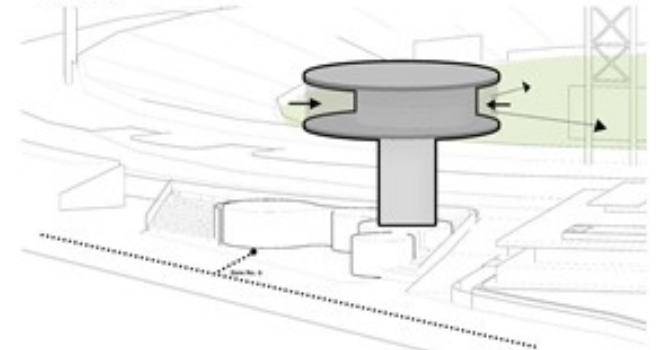
Stage 7



Journey to the top.

Central stair and elevator lead to panoramic views from the disc.

Stage 8



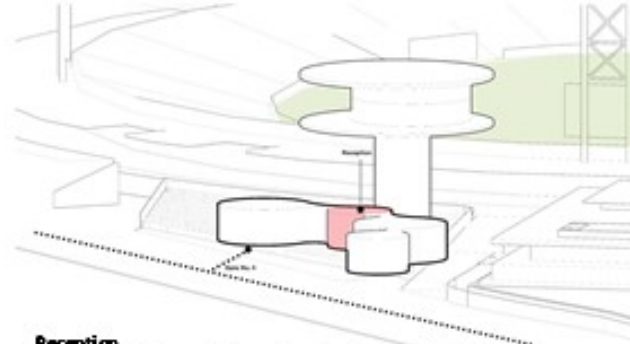
Recessed

Cylindrical volume is squeezed to cause the volume to expand and open towards edges.

Program

PR135

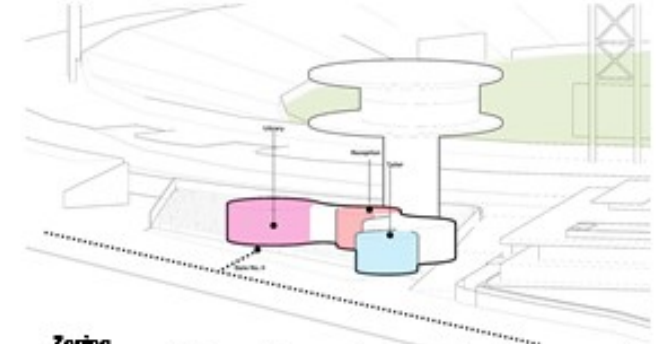
Stage 1



Reception

The reception is centrally located at the intersection of volumes.

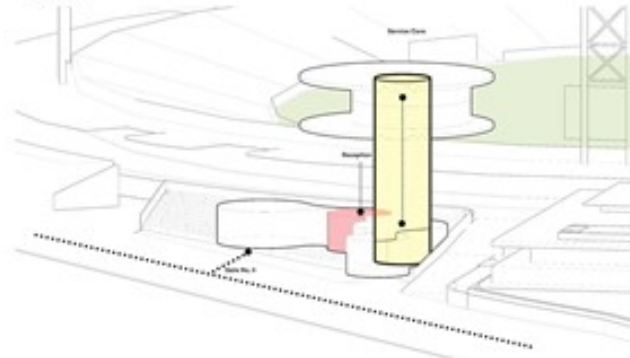
Stage 2



Zoning

Functions are clearly zoned—library to the left, reception in the center, and toilets to the right.

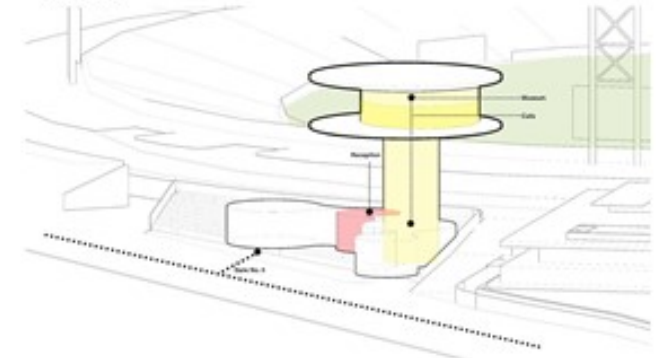
Stage 3



Circulation

A central service core connects vertical and horizontal circulation from the reception area.

Stage 4

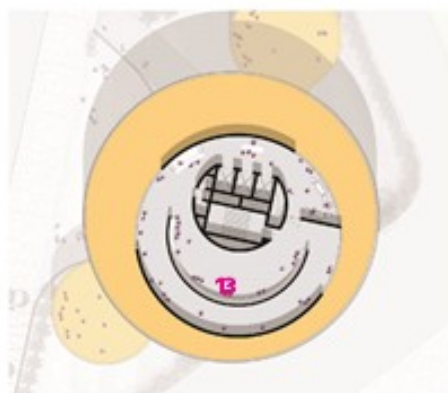


Elevated

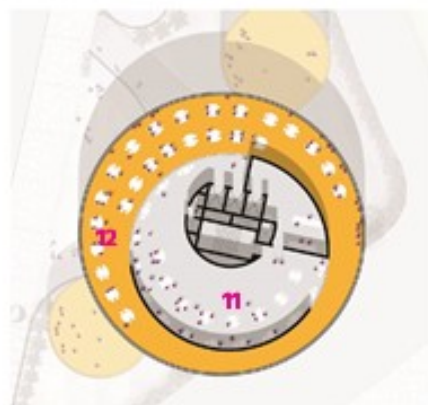
The cafe and museum are placed above, accessed through the core.

Drawings And Details

PR135



Exhibition Area Floor Plan



Cafeteria Floor Plan

Proposed Clubhouse At MCA, Ghatnagar, Pune



Roof Plan



Ground Floor Plan

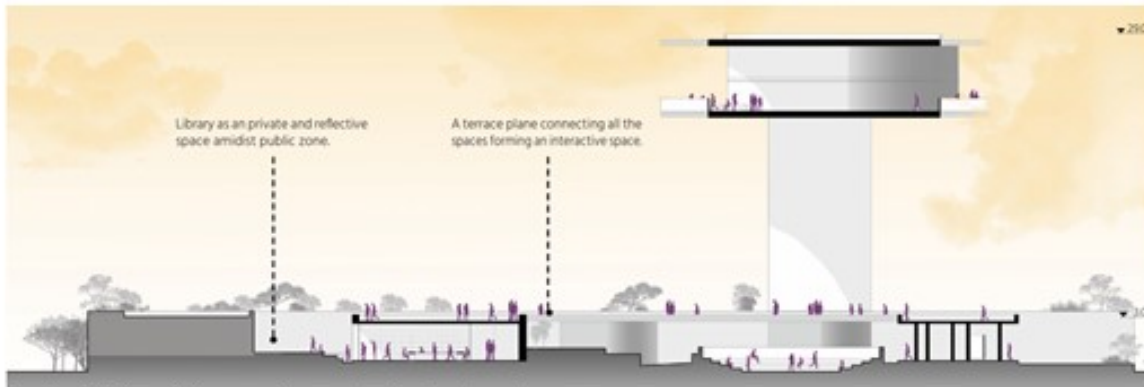
Legend

1. Watchman's Cabin
2. Entrance
3. Ramp towards reception
4. Landscape area
5. Reception and waiting area
6. Library
7. Outdoor seating for library
8. Staircase and lift
9. Toilet
10. Parking
11. Cafe
12. Outdoor Seating
13. Exhibition Area

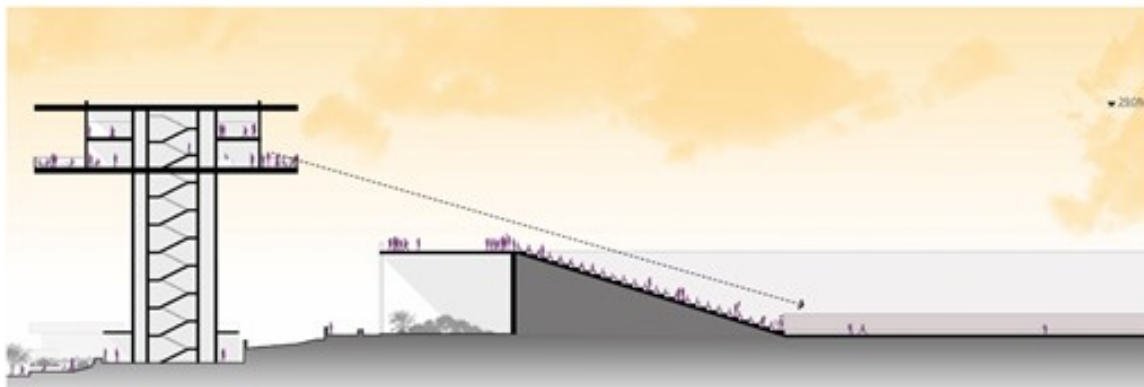
Museum

Drawings And Details

PR135



Section A-A' through Museum and terrace plane, showing interactive spaces



Section B-B' showing visual connectivity of the stadium through the museum

Proposed Clubhouse At MCA, Ghatnagar, Pune



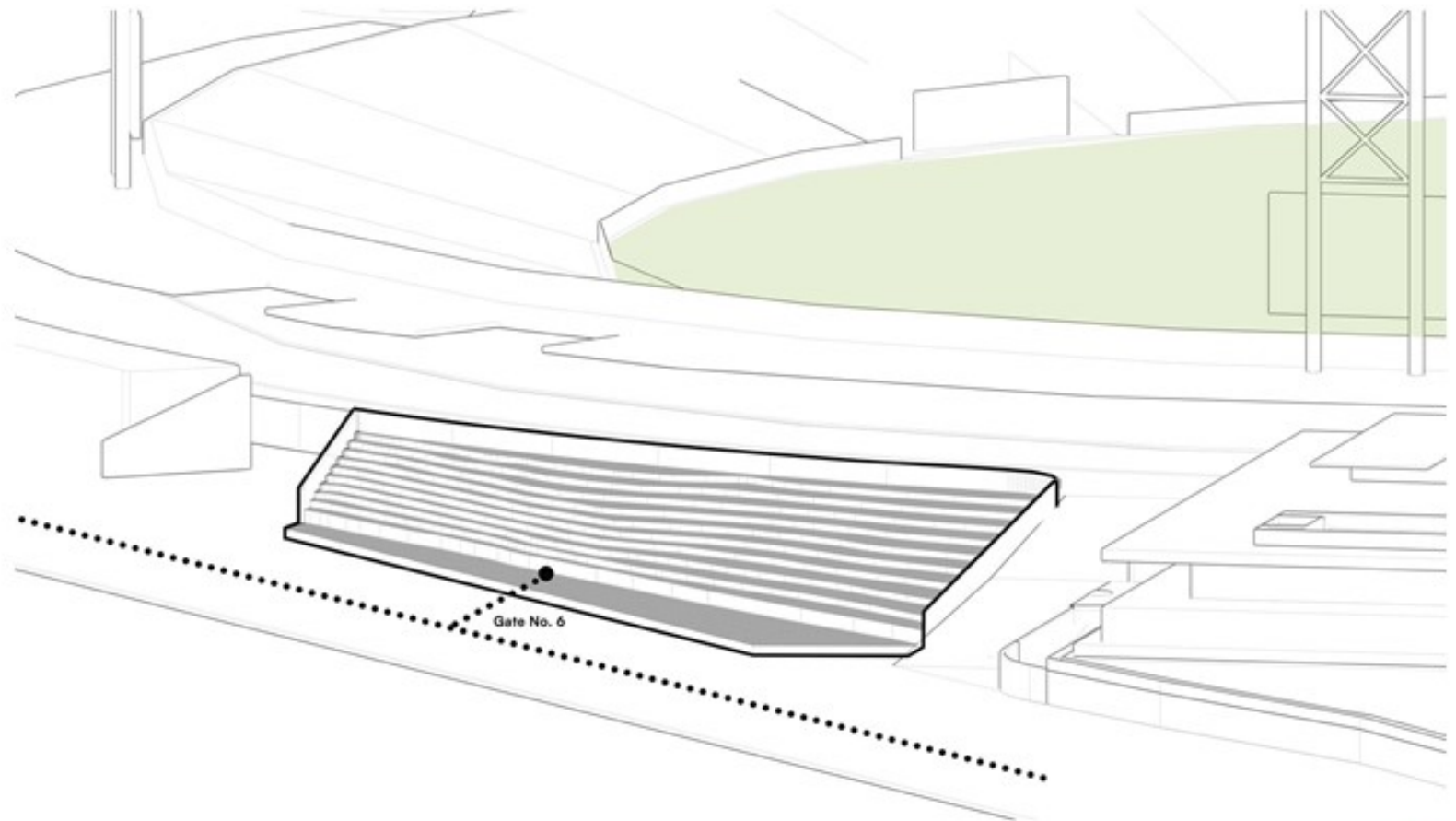
Materials



Museum

Design Evolution

PR135



Museum

PR135



Proposed Clubhouse At ICCA, Gaikunja, Pune

Museum

Museum

PR135



Proposed Clubhouse At MCA, Ghatnagar, Pune

Museum



Site Plan

PR135

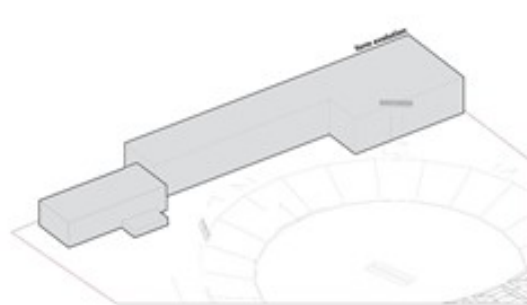
Proposed Clubhouse At MCA, Galunja, Pune



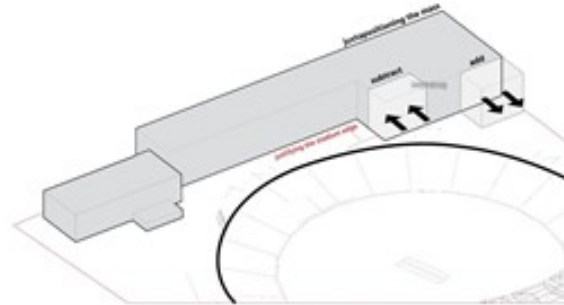
Multi Level Car Parking And Indoor Sports Club

Massing

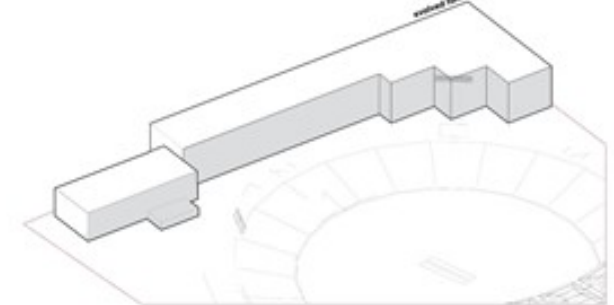
PR135



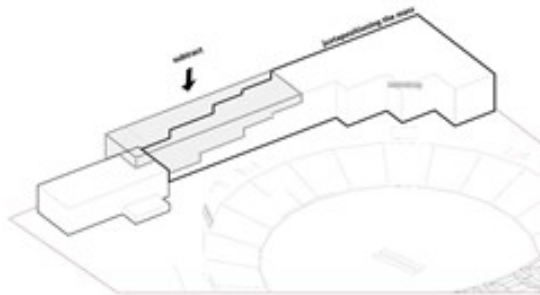
Minimum Volume



Juxtapositioning

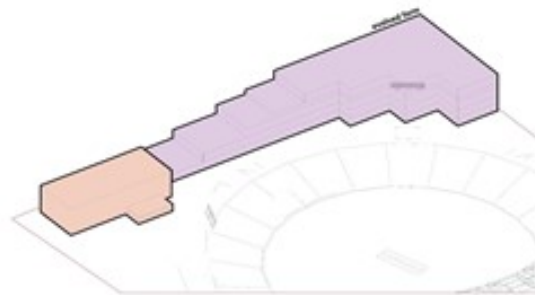


Stepped Profile

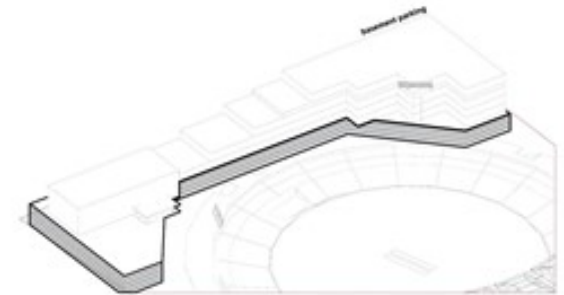


Fun Parking

Proposed Clubhouse At MCA, Ghatnagar, Pune



The Magic Carpet

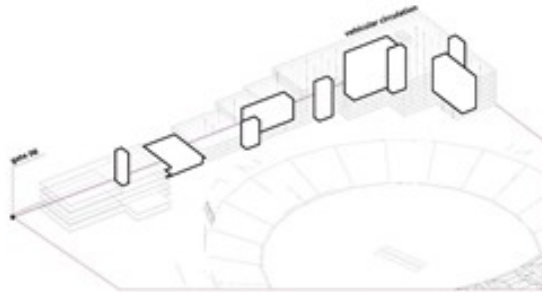


Beneath

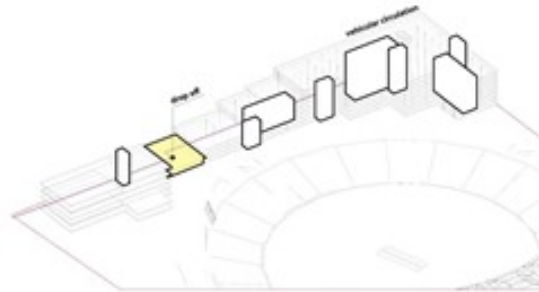
Multi Level Car Parking And Indoor Sports Club

Circulation

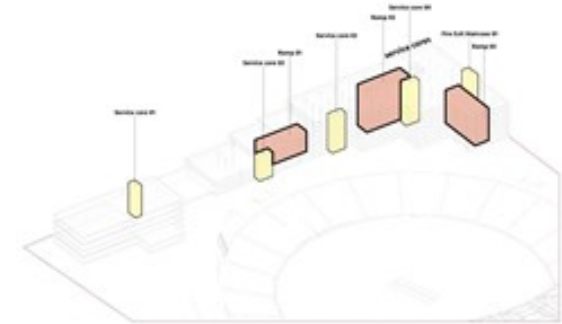
PR135



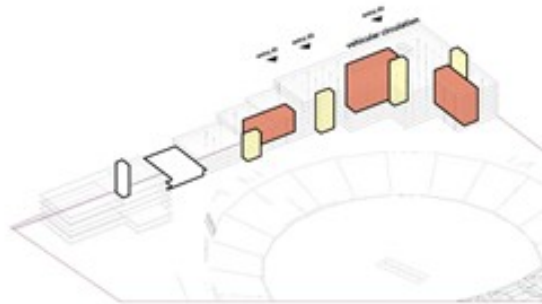
Entry



Connections

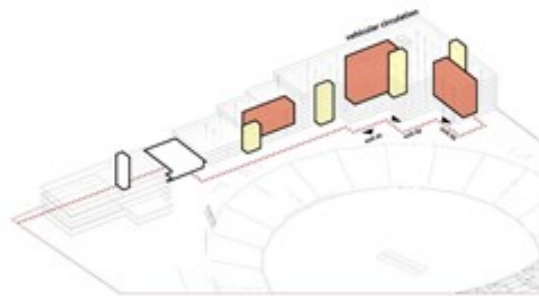


Cores

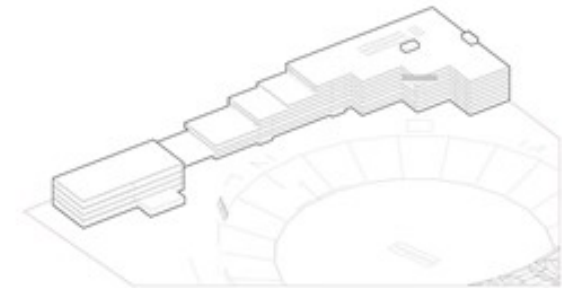


Entries

Proposed Clubhouse At MCA, Galunja, Pune



Exits

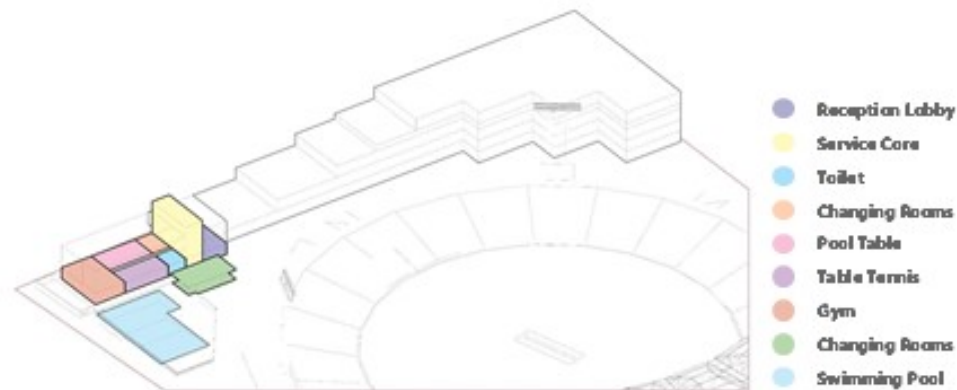


Levels

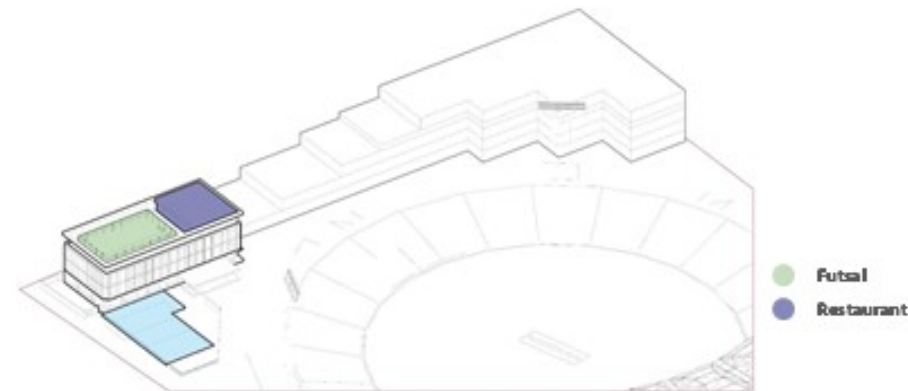
Multi Level Car Parking And Indoor Sports Club

Program

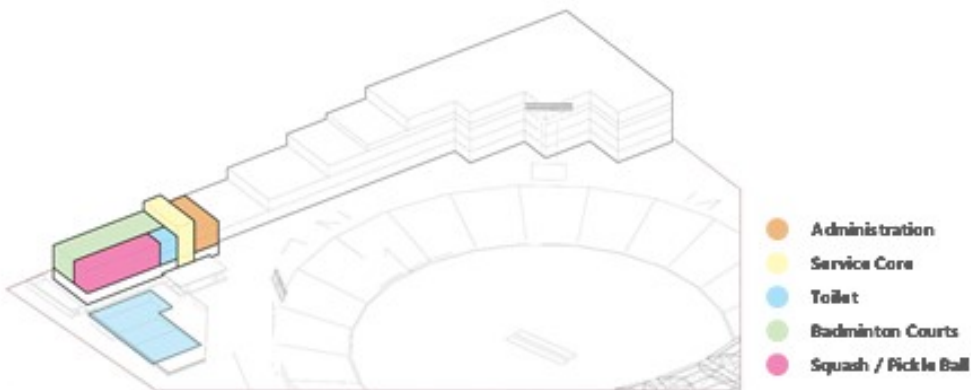
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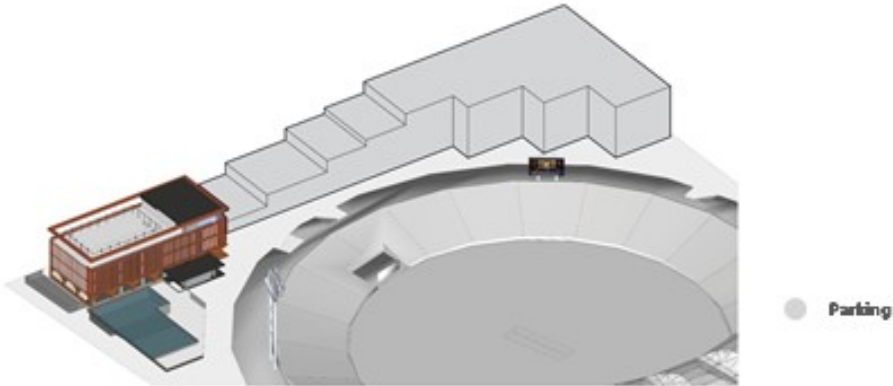
Ground Floor



Proposed Clubhouse At MCA, Ghatnija, Pune



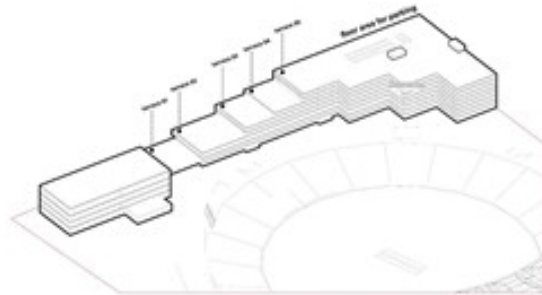
First Floor



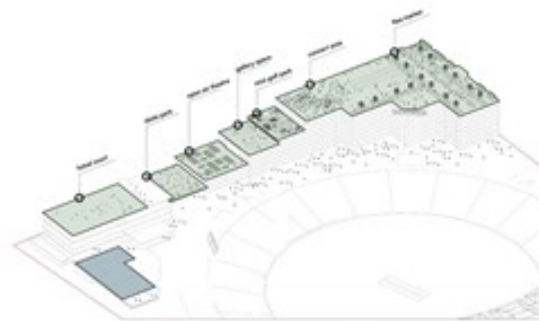
Multi Level Car Parking And Indoor Sports Club

Facade Development

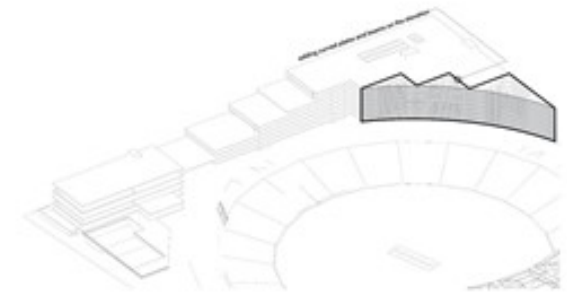
PR135



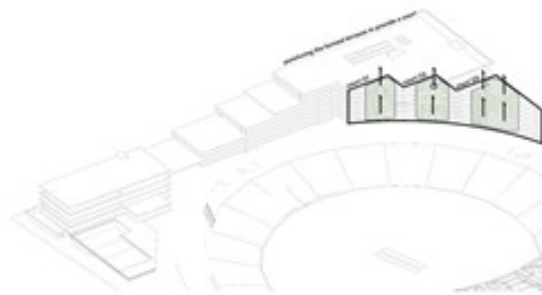
Programs



Terraces

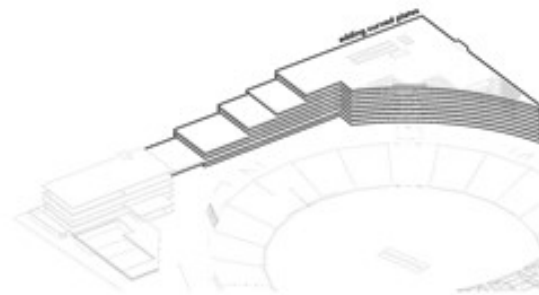


Flow

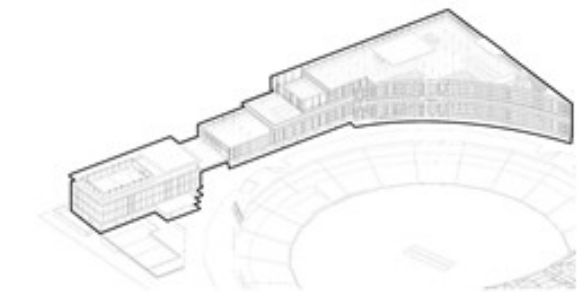


Courts

Proposed Clubhouse At MCA, Ghatnagar, Pune



Planter Bed

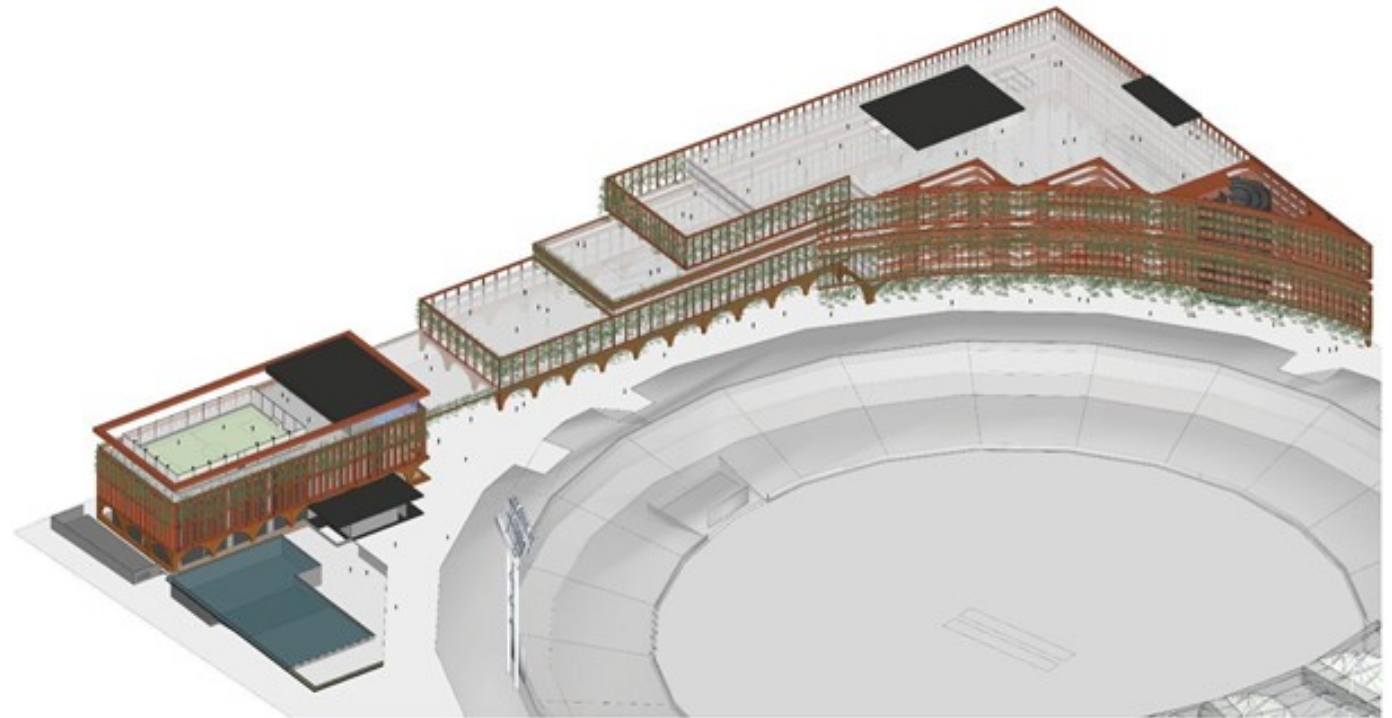


Skin

Multi Level Car Parking And Indoor Sports Club

Materials

PR135

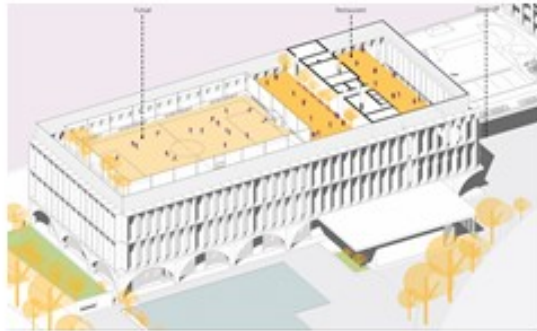


Proposed Clubhouse At MCA, Ghatnagar, Pune

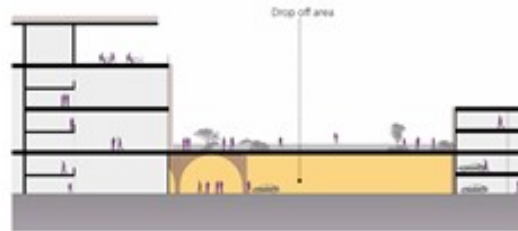
Multi Level Car Parking And Indoor Sports Club

Drawings And Details

PR135

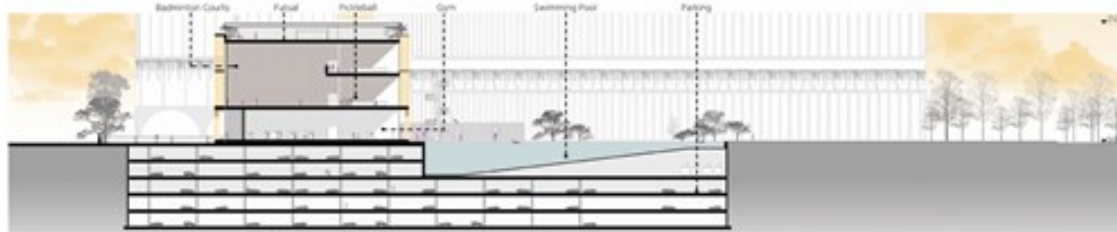


The double height drop off connects both the building forming functional terraces.



Section Through Drop-Off & Parking

Covered drop off that connects the indoor sports club in the parking .



Section Through Clubhouse

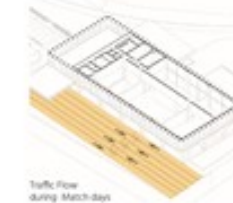
A double height plaza is carved out in this building which serves as a key link, maintaining a visual and physical connection between the sports club and the MLCP. An olympic size swimming pool is placed adjoining this building which also includes its basic facilities. This building faces the south and so has the deep vertical fins which act as a sun shading device for the building.

Proposed Clubhouse At MCA, Ghatnagar, Pune

Diagram Depicting Vehicular Movement In Various Scenarios



Traffic Flow during non Match days

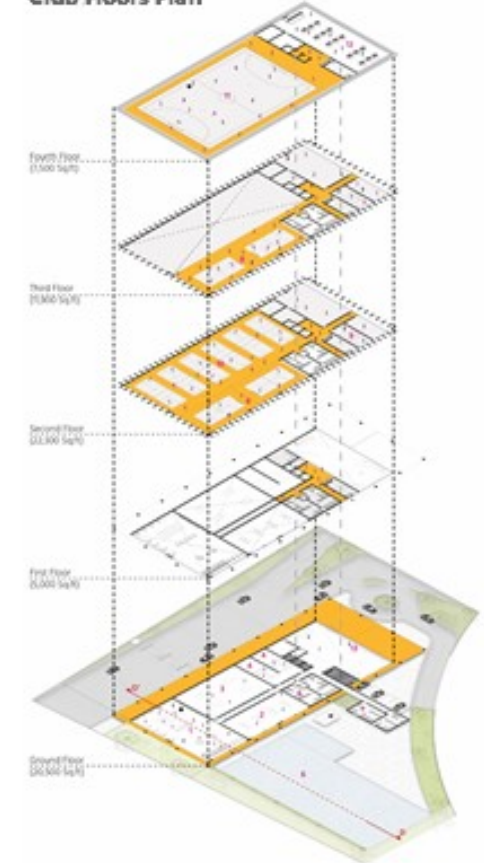


Traffic Flow during Match days

Legend

1. Gym
2. Table Tennis
3. Pool
4. Squash
5. Toilets
6. Swimming Pool
7. Changing Room
8. Pickleball
9. Sick Room
10. Badminton
11. Futsal
12. Restaurant
13. Reception And Waiting Area

Club Floors Plan



Multi Level Car Parking And Indoor Sports Club

Club House

PR135

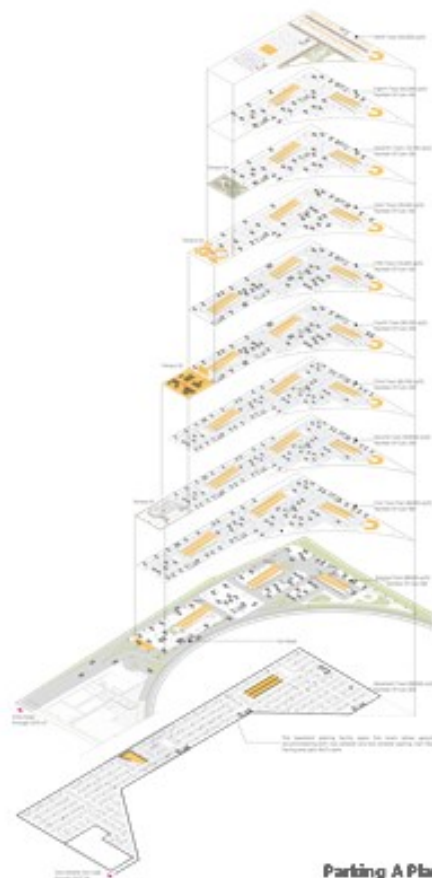


Proposed Clubhouse At MCA, Ghatunja, Pune

Multi Level Car Parking And Indoor Sports Club

Drawings And Details

PR135



Parking A Plan

Proposed Clubhouse At MCA, Ghatnagar, Pune

Parking Statement

Four Wheeler
Ground Floor to 9th Floor
Basement 1
Basement 2
Total
Two Wheeler
Basement 3
Basement 4
Basement 5
Total

No. Of Vehicles

1556
300
300
2156
No. Of Vehicles
3900
3900
3900
11760

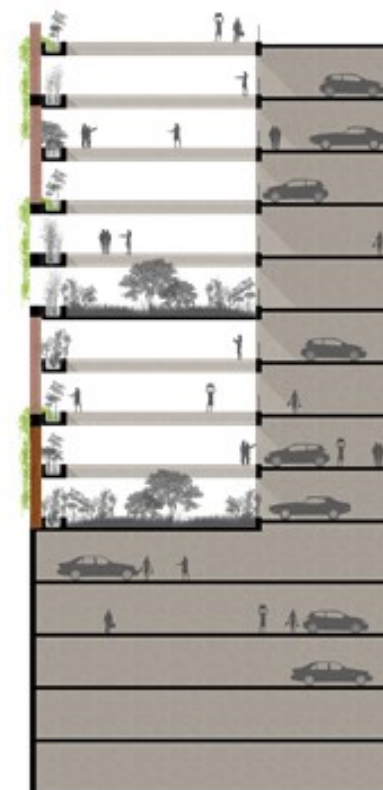
Legend

1. Skate
e Park
2. Ope
n Air
Theatr
e
3. Mini
Golf
4. Club

Internal Courts



The underutilization of the MLCP led to the concept of terracing which helps mitigate the sense of an empty, unused spaces, making the parking structure more visually interesting and perhaps even more inviting when it's not in full use. These terraces in the parking building and the banquet terrace echoes the open air architecture of the stadium.

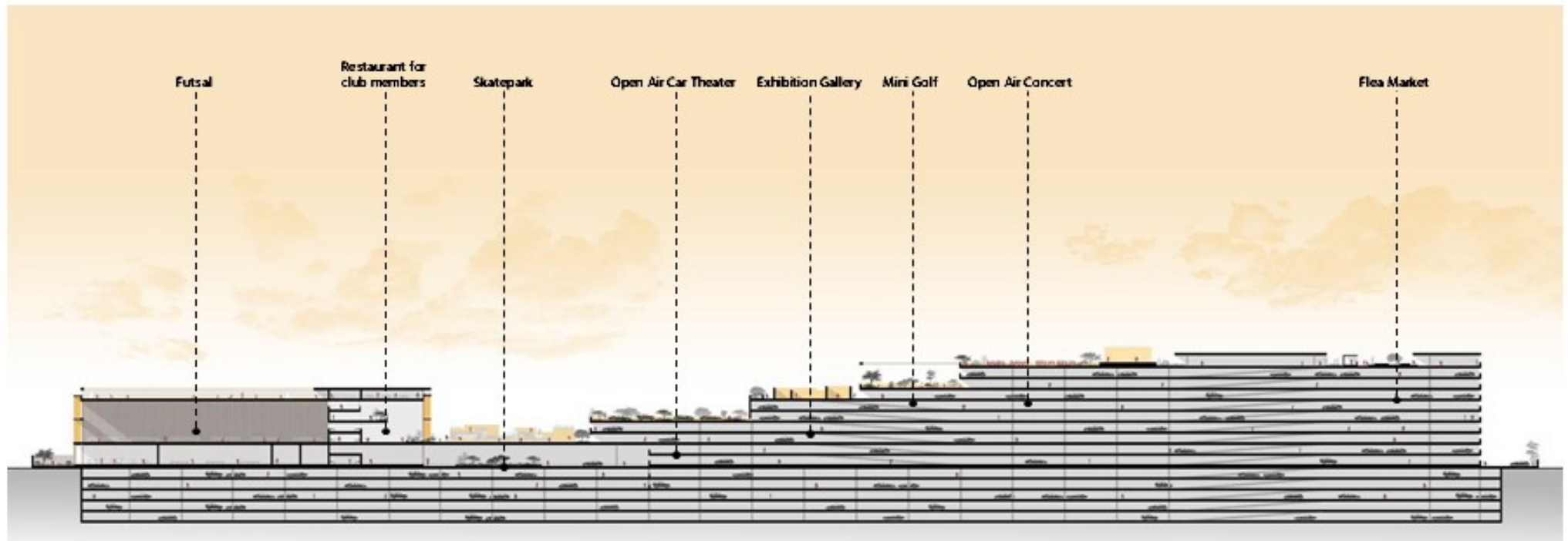


Parking Court Section

This sectional diagram shows a tiered parking structure with planter beds and vertical fins.

Drawings And Details

PR135



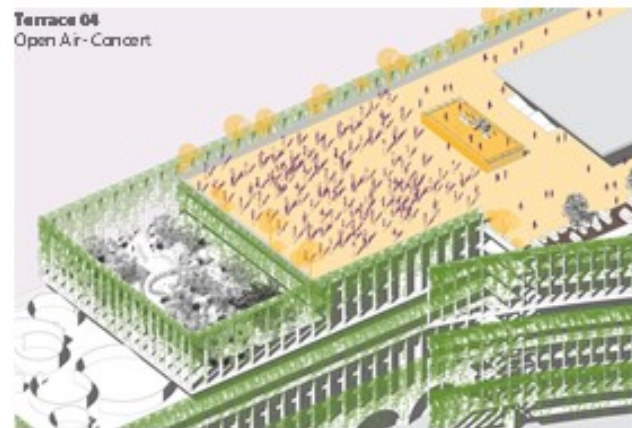
Section through Parking and Club House

Proposed Clubhouse At MCA, Ghatnagar, Pune

Multi Level Car Parking And Indoor Sports Club

Terracing

PR135



Proposed Clubhouse At MCA, Ghatnagar, Pune



Terraces

This vision for the parking building and banquet terrace transforms utilitarian spaces into vibrant, multifunctional environments that serve not just as infrastructure but as cultural and social hubs for the city. The range of activities proposed in the otherwise underutilised parking areas (exhibitions, cultural events, concerts, open air cinemas, etc.) promote social interactions and create avenues for learning, fostering a sense of connection and shared purpose.

Multi Level Car Parking And Indoor Sports Club

Elevation

PR135



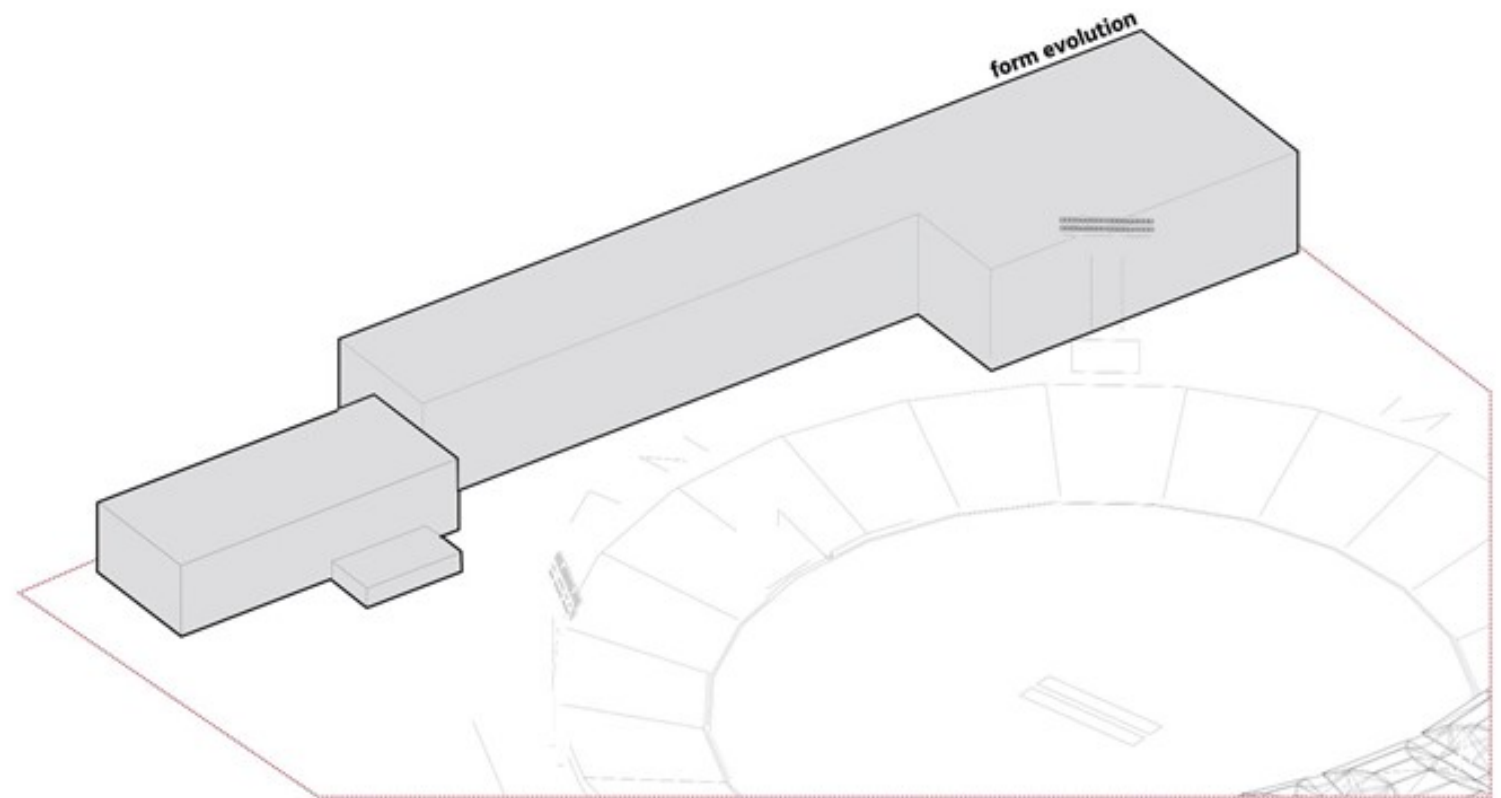
Back elevation Parking and Club House

Proposed Clubhouse At MCA, Galunja, Pune

Multi Level Car Parking And Indoor Sports Club

Design Evolution

PR135



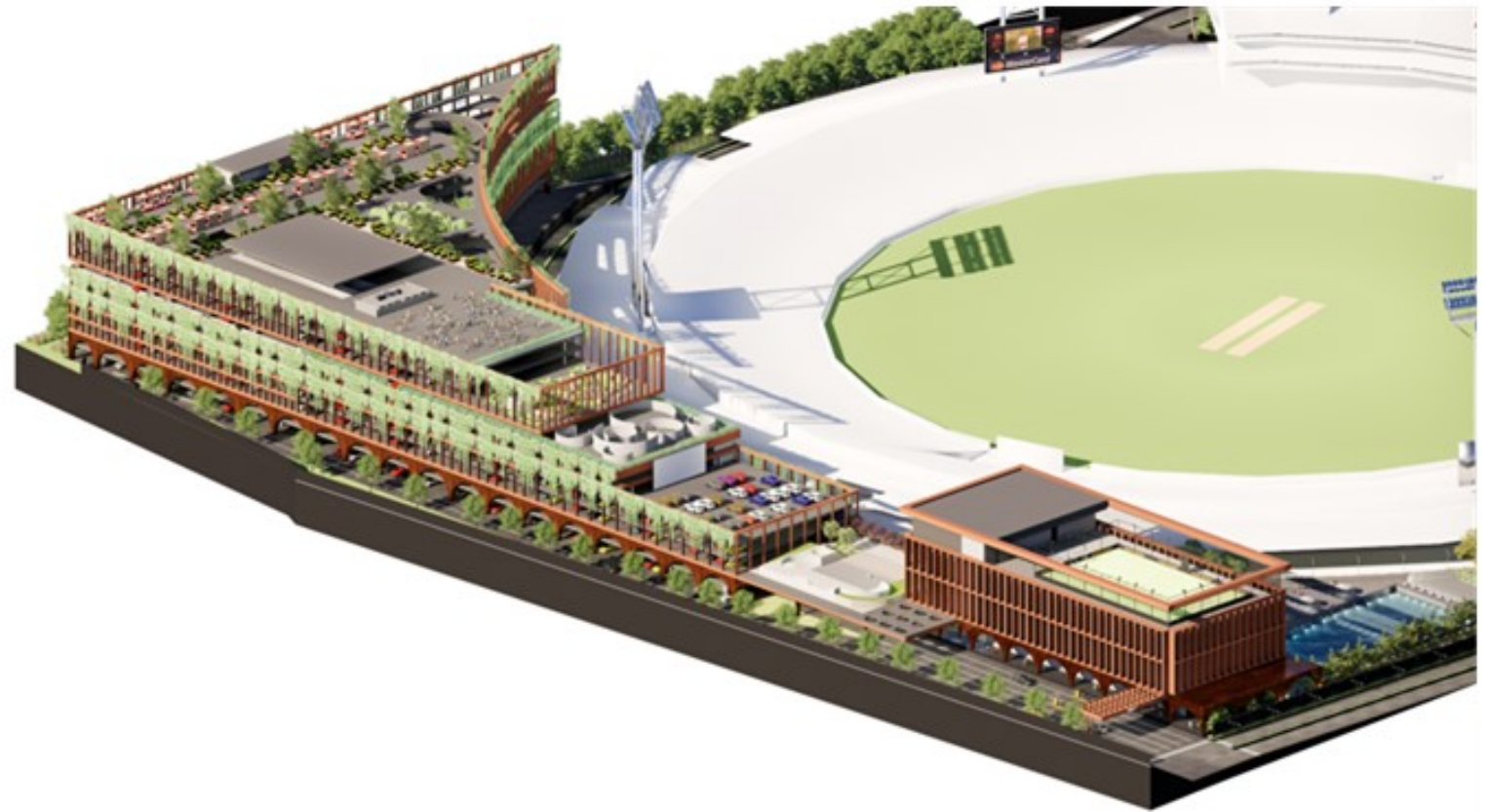
Back elevation Parking and Club House

Proposed Clubhouse At MCA, Ghatnagar, Pune

Multi Level Car Parking And Indoor Sports Club

Multi Level Car Parking

PR135



Proposed Clubhouse At MCA, Ghatunja, Pune

Multi Level Car Parking And Indoor Sports Club

Multi Level Car Parking

PR135

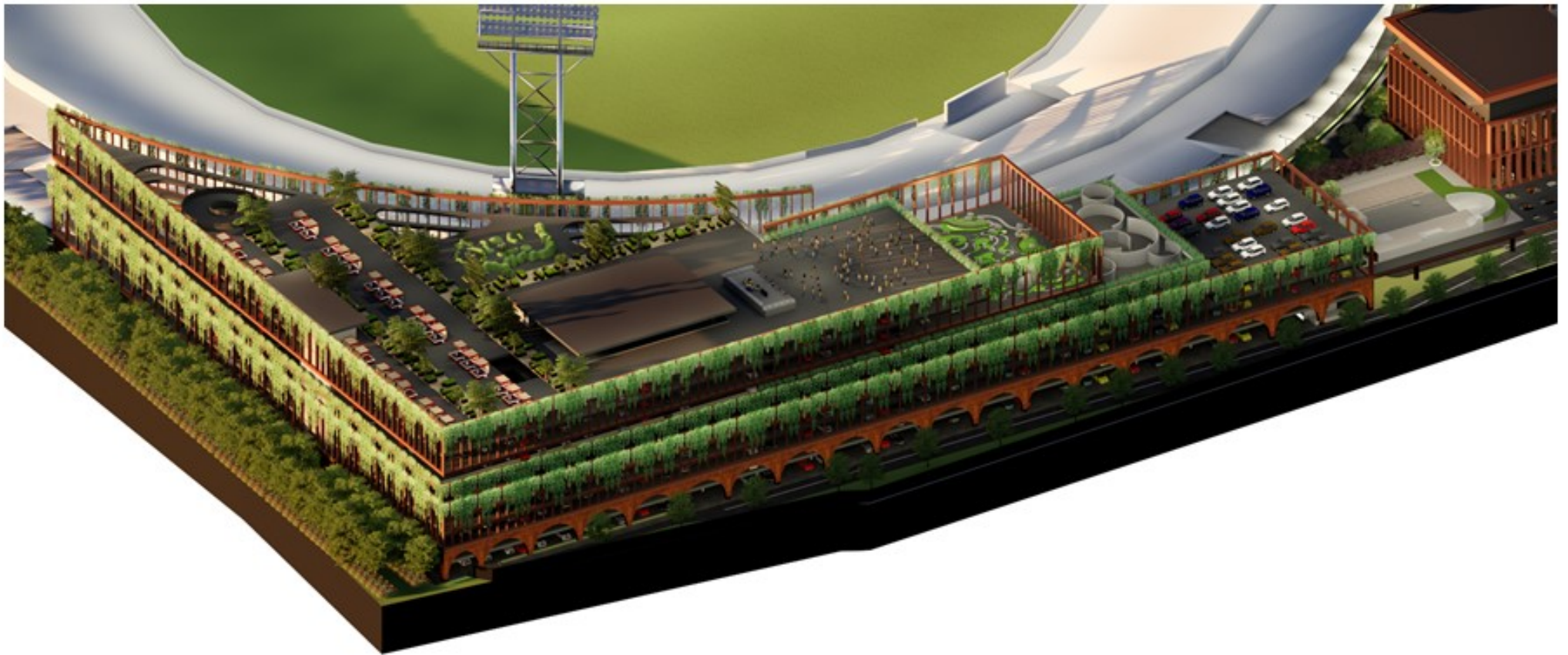


Proposed Clubhouse At MCA, Ghatnagar, Pune

Multi Level Car Parking And Indoor Sports Club

Multi Level Car Parking

PR135



Proposed Clubhouse At MCA, Ghatnagar, Pune

Multi Level Car Parking And Indoor Sports Club

Parking

PR135



Proposed Clubhouse At MCA, Gahunja, Pune

Multi Level Car Parking And Indoor Sports Club

Multi Level Car Parking

PR135



Proposed Clubhouse At MCA, Ghatnagar, Pune

Multi Level Car Parking And Indoor Sports Club



Sustainability

PR135

Passive Cooling



These volumes are designed without rigid enclosures, strategically punctured to maximize daylight penetration and facilitate fresh airflow, enhancing interior comfort and openness.

Bio-E-oxidation

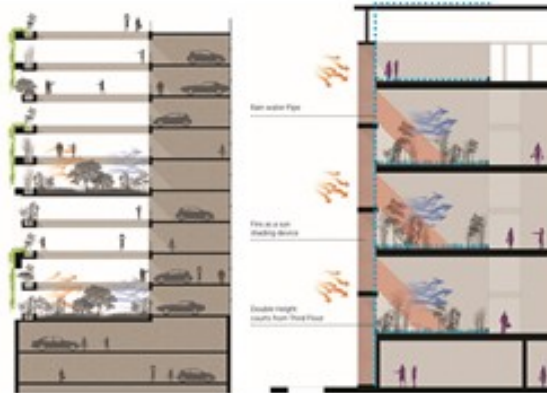
250 kld STP for Hotel, Banquet Hall and Museum



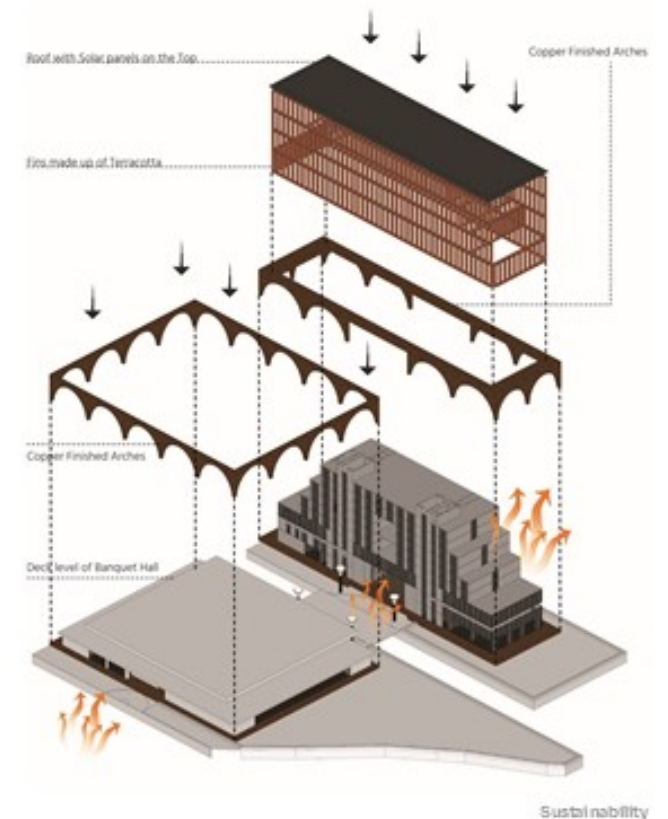
250 kld STP for Clubhouse and Parking

- STP
- Diesel Generators

Proposed Clubhouse At MCA, Ghatnagar, Pune



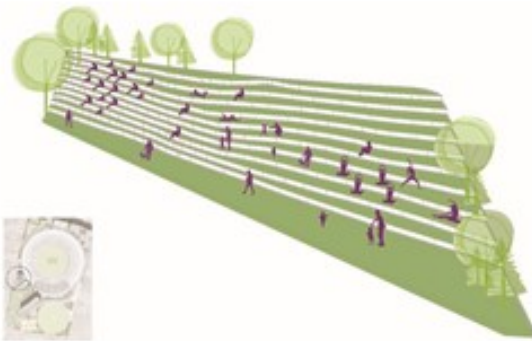
A double-skin façade consists of two glass layers with an air cavity that insulates against temperature extremes, wind, and noise. It reduces heat loss in cold climates and dissipates heat in warm climates, enhancing energy efficiency, sustainability, and indoor comfort.



Sustainability

PR135

Design Adapted to Natural Topography



Economic Sustainability

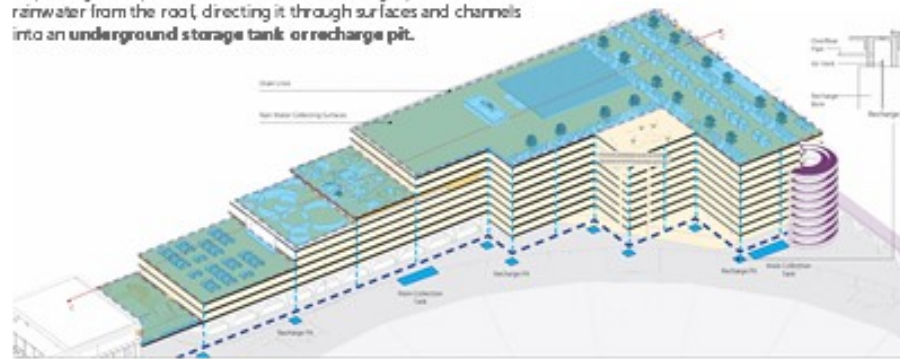
The parking building is designed in ways that support long-term economic viability for individuals, communities, and the environment. It aims to balance financial responsibility with ecological and social concerns.



Proposed Clubhouse At MCA, Ghatnija, Pune

Rain Water Harvesting

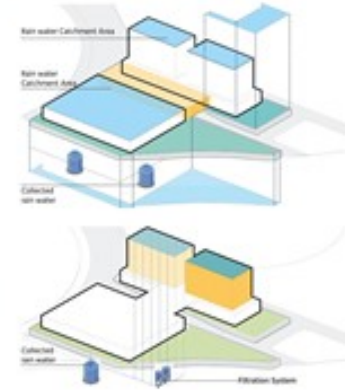
A parking and perimeter rainwater harvesting system collects rainwater from the roof, directing it through surfaces and channels into an underground storage tank or recharge pit.



Renewable Energy Utilization and Solar Exposure



Rain Water Harvesting



Reduce - Reuse - Recycle



Sustainability



Landscape Intervention

PR135

The **Miyawaki method** is a forest regeneration technique, pioneered by Japanese botanist Akira Miyawaki, that focuses on creating dense, self-sustaining forests in a short period of time using native species. This method involves densely planting a variety of native tree species in a small area, allowing them to naturally compete for sunlight and grow upwards, creating a multi-layered forest structure.



Proposed Clubhouse At MCA, Gaithurja, Pune



An area of approximately 10,000 square meters can be dedicated on-site for the development of a **Miyawaki forest**. This initiative is driven by the need to address the **dry and arid conditions** prevalent in the vicinity of the Pune Stadium. Establishing a dense, native forest using the Miyawaki method will be a significant step toward **enhancing environmental sustainability** in the region. It will contribute to restoring ecological balance and serve as a vital habitat for a diverse range of native flora and fauna.

If left undisturbed and devoid of human influence, land begins to house plant communities.

The Miyawaki method provides a useful blueprint towards restoring native forests.

Mindful management in the initial years of planting and developing the forest results in ensuring the majority of the saplings planted survive.

Advantages to the project:

- Planting a mix of native species, attracts birds, insects, and small animals, restoring natural ecosystems.
- Tree roots enhance soil quality and retain ground water resulting in reduced erosion and improved fertility over time.
- Maintenance Drops Quickly after high initial maintenance. After that, the forest becomes self-sustaining—no watering, no fertilizers.
- Can be planted in small plots (even 100–200 sq. meters). Which helps reduce urban heat, improve mental health, and create green pockets in cities.

Landscape



100 years of MCA Legacy

Celebrating 100 years of the **Maharashtra Cricket Association (MCA)** is a major milestone, and the addition of an **International Club House would be a powerful symbol** of their legacy and future vision.

It would serve as both a **tribute to the MCA's century-long journey** and a step towards **elevating** its global standing in cricket infrastructure and community engagement.

Thank You